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**DYNABRADE**®

# ***Industrial Power Tools Accessories and Abrasives***

***Continued Leadership In Portable Abrasive Power Tool Technology***

***[www.dynabrade.com](http://www.dynabrade.com)***

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# General Product Information

*Discover The Dynabrade Difference!*

## MISSION STATEMENT

*To exceed the expectations of our customers through the innovative design of the highest quality abrasive power tools and related accessories.*

### Product Line

Founded in 1969, Dynabrade has earned a reputation and position of continued leadership in the innovative design and manufacturing of unique portable abrasive power tools. Dynabrade tools grind, deburr, file, sand and polish to meet the needs of many industries for work with metals, wood, plastics, glass, rubber, stone, fiberglass, composites and much more.

### Continuous Quality Control

Every Dynabrade product undergoes rigorous performance tests at precise stages, from design conception through product assembly and packaging, to insure they meet our own high standards and the demands of our customers. Our goal is to maintain or improve Dynabrade quality with product and service performance levels that equal or exceed that of any competitor, and to exceed customers' expectations worldwide.

### Continued Leadership in Research and Development

Many industrial applications have unique requirements that cannot be met with our general line of air tools. Our research and development teams are continually upgrading our product offering based on market needs and new technology, coupled with the latest innovations and technological advancements in the abrasive industry. We make ongoing investments in plant, equipment and manufacturing processes to improve the quality of our products. Our goals are to solve abrasive user problems, increase productivity and lower total costs. Our constantly growing product line, together with many years of design engineering, research and development experience, proves our ability and commitment to provide continued leadership in the portable abrasive power tool industry.

### One Year Warranty on Tools

Following the reasonable assumption that any inherent defect, which might prevail in a product, will become apparent to the user within one year from the date of purchase, all equipment of our manufacture is warranted against defects in workmanship and materials under normal use and service. We shall repair or replace at our factory, any equipment or part thereof that shall, within one year after delivery to the original purchaser, indicate upon our examination to have been defective. Our obligation is contingent upon proper use of Dynabrade tools in accordance with factory recommendations, instructions and safety practices. It shall not apply to equipment, which has been subject to misuse, negligence, accident or tampering in any way so as to affect its normal performance. Normally wearable parts such as bearings, contact wheels, rotor blades, etc., are not covered under this warranty.

### Dynabrade Trademarks

Trademarks and service marks used in this catalog are the property of Dynabrade, Inc. Dynabrade, "D" logo are registered trademarks of Dynabrade, Inc. Other registered marks include: Dynaflex®, Dynabelter®, Dynadie®, Dynastraight®, Dynapad®, Dynaswivel®, Dynorbital®, Dynorbital-Spirit®, Dynacushion®, Dynabug®, Dynafine®, DynaLocke®. Use of these marks is strictly prohibited without prior written consent of Dynabrade, Inc.

### Two Year Warranty on Portable Vacuums

Two years from date of purchase, all Portable Vacuums of our manufacture are warranted against defects in workmanship and materials under normal use and service. Our obligation is contingent upon proper use of Dynabrade Vacuums in accordance with factory recommendations, instructions and safety practices. It shall not apply to equipment which has been subject to accident, negligence or misuse, such as using incorrect filters. It shall also not apply to equipment that has been tampered with in any way so as to affect its normal performance. Normally wearable parts such as Electrical Motor Brushes, Hoses, Wheels, etc. are not covered under this warranty (See page 151.)

### Repairs

To maximize the long-term value of your Dynabrade products, have them repaired by our factory experts. We have a fully trained staff to meet all your service needs. By relying on Dynabrade for service, you can be confident that your tool will continue to operate at peak levels of performance. For those who have their own in-house repair facilities, ask your local Dynabrade Distributor about our tune-up kits available for selected models or place your order for specific parts as needed directly with your Dynabrade distributor.

#### Flat Rate Repair

Flat rate repair offers a reliable way to keep your tools at peak performance at a known cost. It includes labor and all necessary parts needed to restore the tool to approved factory performance levels. Dynabrade will only repair standard items that were returned with the tool (i.e. if accessories such as contact arms, pads, etc. are missing from the tool or damaged, they will not be replaced). We may determine, based on our examination, that a product is beyond economical repair.

#### Motor Tune-Up Kits

The regular maintenance of any air tool will contribute to greater efficiency of the tool and will prolong tool life. Motor Tune-Up Kits contain replacement parts which are most susceptible to wear. Each Dynabrade tool is complimented by a specific Motor Tune-Up Kit which you will find referenced throughout the catalog. See the Accessories section for a complete listing.

#### Drop-In Motors

Drop-in Motors provide a convenient, dependable way to repair your tools in-house.

#### Industrial Air Tool Maintenance

Dynabrade has designed a booklet to promote and assist with proper air tool maintenance. Please order our "Industrial Air Tool Maintenance Guide," no. D03.10.



# Dynabrade Distribution

*Service and Support for Customers Around the World*

## Network of Authorized Dynabrade Distributors

We have been supplying high quality tools to customers through a worldwide network of professional distributors who are capable of meeting the specific needs of the industrial marketplace. Our distributors have extensive knowledge of Dynabrade's complete line of power tools and related accessories. Their goal is to improve customer's competitiveness by minimizing costs through a continuous improvement process.

## FREE Demonstration Policy

We can arrange a no-obligation demonstration in your facility on most of our products. It is a sure way to see that the product is best suited to your application and to see the time, labor and cost-saving advantages of Dynabrade products. Contact your local Dynabrade distributor to arrange an in-plant demonstration. To contact your local Dynabrade distributor, call our customer service department, or visit our distributor locator on our web site: [www.dynabrade.com](http://www.dynabrade.com).

## Customer Service

Dynabrade's customer service staff has just one very important job – to make sure that you are completely satisfied with your order and service. Our Customer Service Department is staffed with highly trained people, ready to serve you in any way they can, from order-taking to technical service to rush shipments! To more efficiently serve the international marketplace, our Luxembourg office can communicate in 14 languages. In short, our commitment to customer service is to satisfy our customers by serving them well. If we can help or improve in any way, we'd like to hear from you.

**For More Information, Prices or an In-Plant Demonstration Contact Your Local Dynabrade Distributor or Call/Fax our Consumer Information Numbers:**

### **DYNABRADE, INC.**

8989 Sheridan Drive • Clarence, New York 14031-1490  
Phone: (716) 631-0100 • Fax: 716-631-2073  
*US Consumers Call Toll Free: 1-800-828-7333*

### **DYNABRADE INTERNATIONAL**

8989 Sheridan Drive • Clarence, New York 14031-1490  
Phone: (716) 631-0100 • Fax: 716-631-2524  
*Canadian Consumers Call Toll Free: 1-800-344-1488*

### **DYNABRADE EUROPE S.à r.l.**

Zone Artisanale • L-5485 Wormeldange—Haut, Luxembourg  
Telephone: +352 76 84 94 1 • Fax: +352 76 84 95

### **DYNABRADE DO BRASIL**

Rua Oneda, 632 • Sao Bernardo do Campo  
SP - CEP 09895-280  
Phone 55-11-4390-0133 • Fax 55-11-4399-1067

**Or Post your Inquiry on Dynabrade's Website at:  
[www.dynabrade.com](http://www.dynabrade.com)**

# Safety Comes First

*See Additional Safety Information on Page 224*

## Safe Operation

Understanding the proper use and safe procedures involved with using power tools is our primary concern. Accidental injury or death can be prevented and/or reduced by reading and understanding the following:

- Safety Code for Portable Air Tools (B186.1), American National Standards Institute (ANSI).
- Safety Requirements for Use, Care and Protection of Abrasive Wheels (B7.1), American National Standards Institute (ANSI).
- Hand Held Non-Electric Power Tools (EN 792), European Committee for Standards (EN).
- General Industry Safety & Health Regulations (CFR 29 Part 1910), Occupational Safety and Health Administration (OSHA).
- Applicable State and Local Regulations (regulations may vary).

**Users are responsible for following all established safety codes and regulations.**

## Safety Legend

**Carefully Read All Instructions Before Operating or Servicing Any Dynabrade Abrasive Power Tools**

Always operate, inspect and maintain tools in accordance with all safety codes and regulations for the protection of operating personnel as well as adjacent areas. All products offered by Dynabrade are not to be modified, converted or otherwise altered from the original design without the expressed written consent from Dynabrade, Inc. Use only genuine Dynabrade® replacement parts and accessories made especially for the tool in use. The use of any other manufacturers' replacement parts and accessories could create a hazard.

## WARNING



Read and understand tool manual before use to reduce risk of injury to operator, visitors, and tool.



Eye protection must be worn at all times, eye protection to conform to ANSI Z87.1.



Respiratory protection to be used when exposed to contaminants that exceed the applicable threshold limit values required by law.



General warning. Caution, risk of danger. Practice safety requirements. Work alert, have proper attire, and do not operate tools under the influence of alcohol or drugs.



Ear protection to be worn when exposure to sound, exceeds the limits of applicable Federal, State or local statutes, ordinances and/or regulations.



Air line hazard, pressurized supply lines and flexible hoses can cause serious injury. Do not use damaged, frayed or deteriorated air hoses and fittings.

# Guide to Catalog Symbols

## Explanations of Helpful Symbols Used Throughout Catalog

### Abrasive Capacity

In the upper right corner of every tool section, this box identifies the abrasive type compatible with the designated tools. Abrasive dimensions are expressed in inches and millimeters.



### Tech Tip

The glowing Dynabrade light bulb alerts you to a proven suggestion for operating a tool at peak efficiency. Tech Tips have been compiled through actual workplace experiences.



### "FastTrack"

At the bottom of every tool page, the "FastTrack" is a handy reference guide to all related accessories. This is your quickest way to find the proper contact arms, sanding pads, abrasives and more!



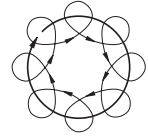
### Gearless Tool

This symbol identifies a Dynabrade tool that operates with no gears. Gearless tools have fewer wearable parts, which translates to reduced maintenance and less downtime. For more information, see page 94.



### Tool Motion

Dynabrade finishing tools move in a variety of patterns to suit virtually every finishing application. Motion symbols are shown to illustrate the action produced by a specific tool.



### Portable Dust Collection System

Dynabrade Self-Generated Vacuum Tools collect dust and debris through the tool's exhaust, eliminating the need for an external vacuum source. These tools require the use of a portable dust collection system (sold separately), as indicated by this photo. For all optional dust collection systems, see page 156.



# Measurement Conversions

## Conversions to International Measurements

### Conversion Factors

Length	Meters	Centimeters	Millimeters
1 Inch (in.)	0.0254 m	2.54 cm	25.4 mm
1 Foot (ft.)	0.3048 m	30.48 cm	304.8 mm

Weight	Kilograms	Grams
1 Ounce (oz.)	0.02835 kg	28.35 g
1 Pound (lb.)	0.454 kg	454 g

Volume	Liters	Power	Kilowatts	Watts
1 US Gallon	3.785 l	1 hp	0.746 kW	746 W

Torque	Newton Meters	Air Pressure	Bar
1 Ounceinch	0.00706 Nm	90 Pounds per Square Inch (PSI)	6.2 Bar
1 Poundinch	0.11298 Nm		

Abrasive Speed	SMPM	Sound Level
1 Surface Foot per Minute (SFFM)	.3048 Surface Meters per Minute (SMPM)	Expressed in dB(A). This is the pressure measurement according to method outlined in ISO regulation ISO-15744.

Air Flow Rate	LPM	NOTE:
1 Standard Cubic Foot per Minute (SCFM)	28.32 Liters per Minute (LPM)	Dynabrade expresses air flow rate in SCFM/LPM only. To determine how many tools a compressor will run, compare the SCFM of tool with capacity of compressor's inlet (free air) CFM rating.

### Common Dimensions (Approximate)

Inches	Millimeters	Inches	Millimeters
3/32"	2.5 mm	4-1/2"	114 mm
1/8"	3 mm	5"	127 mm
3/16"	5 mm	6"	152 mm
1/4"	6 mm	7"	178 mm
3/8"	10 mm	8"	203 mm
1/2"	13 mm	9"	229 mm
3/4"	19 mm	11"	279 mm
1"	25 mm	12"	305 mm
1-1/4"	32 mm	18"	457 mm
2"	51 mm	20-1/2"	521 mm
2-3/4"	70 mm	24"	610 mm
3"	76 mm	30"	762 mm
3-1/2"	89 mm	34"	864 mm
4"	102 mm	44"	1,118 mm

### Common Rectangular Pad Sizes - Width x Length

Inches	Millimeters
4" x 4-5/16"	102 mm x 110 mm
4-1/4" x 4-1/2"	108 mm x 114 mm
2-3/4" x 8"	70 mm x 203 mm
2-3/4" x 11"	70 mm x 278 mm
3-2/3" x 7"	93 mm x 178 mm
2-7/8" x 3-1/8"	73 mm x 79 mm
2-3/8" x 3-3/4"	60 mm x 95 mm



# *Abrasive Belt Tools*

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***Continued Leadership In Portable Abrasive Power Tool Technology***

***[www.dynabrade.com](http://www.dynabrade.com)***



# "The Original" Dynafile®

## Air-Powered Abrasive Belt Tool

ABRASIVE CAPACITY

## ABRASIVE BELTS

1/8", 1/4", 1/2" wide x 24" long  
(3 mm, 6 mm, 13 mm x 610 mm)

The Best Tracking Abrasive Belt Tool in the World!

### Model 14000 For 24" Long Belts

- World-famous Dynafile® replaces tedious hand filing and sanding. Grind, deburr, blend, polish, finish and more!
- Grind from contact wheel or platen pad. Finish and polish using slack of belt.
- For use on metal, plastic, fiberglass, composites, rubber, glass and stone.
- Tool includes 11218 Contact Arm for standard use. Also accepts a variety of additional Contact Arms (see page 9).
- Motor easily adjusts to the most comfortable throttle lever position.
- Superior belt tracking permits use of 1/8", 1/4" or 1/2" wide x 24" long abrasive belts.
- Work in areas as small as 3/8" diameter.
- Lightweight composite belt guard allows quick and easy belt change!
- Hard and soft platen pads mount onto contact arms for heavy grinding or contour polishing (see page 27).



Model 14000

The most recognized shape in portable abrasive belt tools!



Reach into areas as small as 3/8".



Clean and finish using non-woven nylon belts.



Arrows located on Dynafile® belt cover indicate abrasive belt direction. Grinding from the RETURN SIDE of the belt will greatly enhance tool performance and increase belt life.



Efficiently rework turbine blades with specialized contact arm.



Grind welds using belts as narrow as 1/8" wide.

Model Number	Motor hp (W)	Motor RPM	Sound Level	Abrasive Belt Size Inch (mm)	Maximum Air Flow SCFM (LPM)	Max. SFPM (SMPM)	Air Inlet Thread	Weight Pound (kg)	Length Inch (mm)	Height Inch (mm)
14000	.5 (373)	20,000	77 dB(A)	1/8-1/2 (3-13) W x 24 (610) L	31 (878)	5,800 (1,762)	1/4" NPT	3.1 (1.4)	14.6 (371)	4.6 (116)

Additional Specifications: Air Pressure 90 PSIG (6.2 Bar) • Hose I.D. Size 1/4" (6 mm)

Tune-Up Kit: No. 95600 (page 192) • Recommended Air Line Accessory: 95676 Coupler/Plug Assembly (page 161)

### 14010 Versatility Kit

- Includes 14000 Dynafile® with five popular Contact Arms, plus an assortment of abrasive belts, in durable case.
- Includes Contact Arms 11213, 11216, 11218, 11219 and 11231 (see page 9).
- This kit is USA Government National Stock Number 5130011263260.



Dynaswivel® air line connector is ideal for use with most air tools. The Dynaswivel® improves tool maneuverability, minimizes operator fatigue and extends hose life. (See page 163.)



Model 14010



FASTTRACK

Contact Arms: Page 9 • Abrasive Belts: Page 210 • Accessories: Page 159

# Dynafile® Contact Arms

## 4" to 14" Workable Reach



To maximize the life of 1/4" bearings or smaller, lower the operating air pressure to 45 PSIG (3.1 Bar) and run the motor at a lower RPM.

Part Number	Comments	Belt Size (W x L)	Contact Wheel Assembly (includes bearing and shaft)	Platen Pad
11178, 11179, 11257	<ul style="list-style-type: none"> <li>Up to 32" reach</li> <li>Enter slots as narrow as 3/8"</li> <li>Deburr 1/2" to 1" tubing</li> </ul>  <p>11257: Custom-made. Specify length and contact wheel.</p>	11178: 1/2" x 34" (9" reach with 5/16" dia. steel contact wheel) 11179: 1/2" x 34" (9" reach with 5/8" dia. rubber contact wheel)	11178: 11068 Wheel (5/16" dia. steel) 11179: 11078 Wheel (5/8" dia. rubber)	None
11212	<ul style="list-style-type: none"> <li>45 PSIG maximum</li> <li>File round openings as small as 7/16"</li> </ul> 	1/4" x 24"	11066 5/16" dia. x 1/8" wide, steel	11034 1/4" wide
11213	<ul style="list-style-type: none"> <li>45 PSIG maximum</li> <li>See 11239 for heavy-duty version</li> </ul> 	1/2" x 24"	11068 5/16" dia. x 3/8" wide, steel	11027 1/2" wide
11214	<ul style="list-style-type: none"> <li>45 PSIG maximum</li> <li>Work on contact wheel or platen pad</li> </ul> 	1/2" x 24"	11070 7/16" dia. x 3/8" wide, rubber	11025 1/2" wide
11215	<ul style="list-style-type: none"> <li>Enter 1/2" x 1/2" openings</li> </ul> 	1/4" x 24"	11072 7/16" dia. x 1/8" wide, brass	11034 1/4" wide
11216	<ul style="list-style-type: none"> <li>Enter 5/16" x 3/4" openings</li> </ul> 	1/4" x 24"	11074 5/8" dia. x 1/8" wide, rubber	11032 1/4" wide
11217	<ul style="list-style-type: none"> <li>Enter channels as narrow as 9/16"</li> </ul> 	1/2" x 24"	11076 7/16" dia. x 3/8" wide, steel	11027 1/2" wide
11218	<ul style="list-style-type: none"> <li>Standard arm on Model 14000</li> <li>See 11228 for heavy-duty version</li> </ul> 	1/2" x 24"	11078 5/8" dia. x 3/8" wide, rubber	11025 1/2" wide
11219	<ul style="list-style-type: none"> <li>No platen due to offset design</li> <li>Ideal for slack polishing; also grinding radiuses</li> </ul> 	1/4" or 2" x 24"	11080 1" dia. x 3/8" wide, radiused rubber	None
11228	<ul style="list-style-type: none"> <li>Heavy-duty steel</li> <li>Optional 11028 Steel Platen available for grinding</li> </ul> 	1/2" x 24"	11078 5/8" dia. x 3/8" wide, rubber	11025 1/2" wide
11231	<ul style="list-style-type: none"> <li>See 11243 for heavy-duty version</li> </ul> 	1/2" x 24"	11084 3/4" dia. x 1/2" wide, rubber	11135 1/2" wide
11232 "V" Shaped Wheel	<ul style="list-style-type: none"> <li>For 1/8" wide belts</li> <li>No platen due to offset design</li> <li>Grind corners, strap polish</li> </ul> 	1/8" or 1/4" x 24"	11086 1" dia. x 3/8" wide, tapered urethane	None

# Dynafile® Contact Arms

## 4" to 14" Workable Reach



To maximize the life of 1/4" bearings or smaller, lower the operating air pressure to 45 PSIG (3.1 Bar) and run the motor at a lower RPM.

Part Number	Comments	Belt Size (W x L)	Contact Wheel Assembly (includes bearing and shaft)	Platen Pad
11234 	<ul style="list-style-type: none"> <li>• Deburrs both edges of workpiece simultaneously</li> <li>• Contact wheels adjust for material 1/8" to 5/8" thick</li> </ul>	1/2" x 34"	11080 (two) 1" dia. x 3/8" wide, rubber	None
11237, 11238 Turbine Blade Arm 	<ul style="list-style-type: none"> <li>• <b>45 PSIG maximum</b></li> <li>• Grind, blend and polish turbine blades</li> <li>• Reach areas as small as 5/16" wide</li> <li>• 1-1/2" strap polish area</li> </ul>	11237: 1/4" x 24"  11238: 1/2" x 24"	11237: 5/16" dia. x 1/8" wide, steel wheel  11238: 1/4" dia. x 3/8" wide, steel (Consists of three 11051 Bearings)	None
11239 	<ul style="list-style-type: none"> <li>• <b>45 PSIG maximum</b></li> <li>• Heavy-duty steel</li> <li>• Grind in narrow areas</li> </ul>	1/2" x 24"	11068 5/16" dia. x 3/8" wide, steel	11027 1/2" wide
11240 	<ul style="list-style-type: none"> <li>• 9" workable reach</li> </ul>	1/2" x 34"	11078 5/8" dia. x 3/8" wide, rubber	11025 1/2" wide
11241 	<ul style="list-style-type: none"> <li>• 9" workable reach</li> </ul>	1/4" x 34"	11074 5/8" dia. x 1/8" wide, rubber	11032 1/4" wide
11243 	<ul style="list-style-type: none"> <li>• Heavy-duty steel</li> <li>• Grind over contact wheel or platen pad</li> </ul>	1/2" x 24"	11084 3/4" dia. x 1/2" wide, rubber	11135 1/2" wide
11244, 11245 	<ul style="list-style-type: none"> <li>• 14" workable reach</li> </ul>	11244: 1/2" x 44" 11245: 1/4" x 44"	11078 5/8" dia. x 3/8" wide, rubber	11025 1/2" wide
11253, 11254 Big Wheel Arm 	<ul style="list-style-type: none"> <li>• Grinds and polishes deep slots or narrow grooves</li> </ul>	1/4" to 1/2" x 34"	1/4" to 1/2" wide wheels, 2-1/8" to 4-3/4" diameter (specify size)	
11255 Cross Bow Arm 	<ul style="list-style-type: none"> <li>• I.D. polish, deburr or ream with one 180° wrist turn</li> <li>• Deburr leading radius of 1" to 4" round openings</li> <li>• Great for pipe fitters</li> </ul>	1/2" x 34"	11078 5/8" dia. x 3/8" wide, rubber	None
11258 Stroke Sander Arm 	<ul style="list-style-type: none"> <li>• Blend stainless steel</li> </ul>	1/2" x 24"	11078 5/8" dia. x 3/8" wide, rubber 11076 7/16" dia. x 3/8" wide, steel	11025 1/2" wide
11261 "The Banana Arm" 	<ul style="list-style-type: none"> <li>• For in-line scratch pattern</li> </ul>	1/2" x 24"	11078 5/8" dia. x 3/8" wide, rubber	11132 1/2" wide
11262 Offset Arm 	<ul style="list-style-type: none"> <li>• For flat grinding using platen at or near corners and edges of large radiuses</li> <li>• Contact wheel is offset to prevent gouging</li> </ul>	1/2" x 24"	11078 5/8" dia. x 3/8" wide, rubber	11026 1/2" wide
11297 Guide-Cut Arm 	<ul style="list-style-type: none"> <li>• Guide wheels prevent undercutting</li> <li>• Removes raised material within .020" or less</li> <li>• Use 60 to 80 grit belts</li> </ul>	1/2" x 24" 60 to 80 grit	11090 5/8" dia. x 3/8" wide, rubber	None



# Dynafile® II

## Air-Powered Abrasive Belt Tool

**ABRASIVE CAPACITY**  
**ABRASIVE BELTS**  
 1/4" - 3/4" wide x 18" long  
 (6 mm - 19 mm x 457 mm)

### Reach Normally Inaccessible Areas

- Grind, deburr, blend and polish, on metal, plastic, fiberglass, composites, rubber, glass and more. Grind from contact wheel or platen pad; finish and polish using slack of belt.
- Lightweight, ergonomic 7° offset design. Grinding head pivots 360° for securing in most efficient position.
- Belt guard easily detaches for quick abrasive change; simple belt tracking adjustment knob.



Model 40320

### Model 40320 For 18" Long Belts

- Includes 11206 Contact Arm for 3/4" wide x 18" long belts (see page 14).

### Model 40335 For 18" Long Belts

- Designed exclusively for use with non-woven nylon belts. Excellent for setting grain lines, achieving consistent satin finishes on metals, removing oxide and weld discoloration.
- 40375 Rubber Drive Wheel minimizes non-woven nylon belt slippage. Straight belt path extends abrasive life.
- Includes 11203 Contact Arm for 1/2" wide x 18" long medium non-woven nylon belt (90292).



Slack of abrasive belt is used to efficiently polish radiused area.

Optional 11200 Stroke Sander Arm leaves in-line scratch pattern.

### Model 40381 Slow Speed, For 18" Long Belts

- 1,500 SFPM. Slow speed ensures longer belt life when working on titanium and other exotic materials.
- Includes 11206 Contact Arm for 3/4" wide x 18" long belts (see page 14).

### Model 40326 For 20-1/2" Long Belts

- Includes 11287 Contact Arm for 5/8" or 3/4" wide abrasive belts. (11287 is only arm that accepts 20-1/2" long belts.)



Dynafile® II easily converts to a Die Grinder with optional 50010 Collet (1/4") or 50015 Collet (6 mm). To convert to a Drill, order 53032 Chuck (1/4").

Model Number	Motor hp (W)	Motor RPM	Sound Level	Abrasive Belt Size Inch (mm)	Maximum Air Flow SCFM (LPM)	Max. SFPM (SMPM)	Weight Pound (kg)	Length Inch (mm)	Height Inch (mm)
40320	.5 (373)	20,000	80 dB(A)	1/4-3/4 (6-19) W x 18 (457) L	28 (793)	4,550 (1,382)	2.5 (1.1)	14-1/4 (362)	4-7/8 (124)
40326	.5 (373)	20,000	80 dB(A)	1/4-3/4 (6-19) W x 20-1/2 (521) L	28 (793)	4,550 (1,382)	2.5 (1.1)	14-1/4 (362)	4-7/8 (124)
40335	.5 (373)	20,000	80 dB(A)	1/4-3/4 (6-19) W x 18 (457) L	28 (793)	4,550 (1,382)	2.5 (1.1)	14-1/4 (362)	4-7/8 (124)
40381	.4 (321)	5,000	82 dB(A)	1/4-3/4 (6-19) W x 18 (457) L	24 (680)	1,500 (457)	2.8 (1.2)	15-1/2 (394)	5-3/4 (146)

Additional Specifications: Air Inlet Thread 1/4" NPT • Hose I.D. Size 3/8" (10 mm) • Air Pressure 90 PSIG (6.2 Bar)

Tune-Up Kits: Models 40320, 40326, 40335 – No. 96044; Model 40381 – No. 96174 (page 192)

Recommended Air Line Accessory: 94300 Dynaswivel® (page 163); 95676 Coupler/Plug Assembly (page 161)

### 40321 Versatility Kit

- Includes 40320 Dynafile® II with 11206 Contact Arm, plus additional 11203 and 11204 Contact Arms. Also includes eight popular abrasive belts and 50010 Collet (1/4") for Die Grinder use, along with 95262 and 95281 Wrenches. All items contained in a durable carrying case.

### 40324 Versatility Kit Metric

- Includes 40320 Dynafile® II with 11206 Contact Arm, plus additional 11203 and 11320 Contact Arms. Also includes eight popular abrasive belts and 50015 Collet (6 mm) for Die Grinder use, along with 95262 and 95281 Wrenches. All items contained in a durable carrying case.



Model 40321



# .4 hp Dynafile® II

## Air-Powered Abrasive Belt Tool



**ABRASIVE CAPACITY**

**ABRASIVE BELTS**  
 1/8", 1/4", 3/4" wide x 18" long  
 (3 mm, 6 mm, 19 mm x 457 mm)

**Lightweight, Low Profile Version of Dynafile® II**

- .4 hp Dynafile® II adds a lightweight, compact variation to Dynabrade's famous Abrasive Belt Tool line. The optimal low profile belt tool for working in tight areas!
- Grind, deburr, blend, finish and polish. Grind from contact wheel or platen pad; finish and polish using slack of belt. For use on metal, plastic, fiberglass, composites, glass and more.
- Compact, low profile housing allows easy access in tight spots and previously inaccessible areas. Grinding head pivots 360° for additional flexibility. Ergonomic 7° offset handle.
- Robust .4 hp air motor serves up ample power.
- Lightweight tool design minimizes operator fatigue and increases efficiency.
- Belt guard easily detaches for quick abrasive change; simple belt tracking adjustment knob.



Model 40352

Low Profile Design

Dynafile® II easily converts to a Die Grinder with optional 50010 Collet (1/4") or 50015 Collet (6 mm). To convert to a Drill, order 53032 Chuck (1/4").

**Model 40352 For 18" Long Belts**

- Includes 11203 Contact Arm, for coated abrasive belts 1/2" wide x 18" long (see page 14).

**Model 40353 For 18" Long Belts**

- Designed exclusively for use with non-woven nylon belts. Excellent for setting grain lines, achieving consistent satin finishes on a variety of metals, and removing oxide and weld discoloration.
- 40375 Rubber Drive Wheel minimizes non-woven nylon belt slippage.
- Includes 11203 Contact Arm for 1/2" wide x 18" long medium non-woven nylon belt (90292).



.4 hp Dynafile® II is ideal for deburring and finishing in tight areas.



Optional 11204 Contact Arm offers ability to grind into contours.



Optional offset Contact Arm allows belt to conform to a variety of contours.



Clean and finish using non-woven nylon belts.

Arrows located on Dynafile® II belt cover indicate abrasive belt direction. Grinding from the RETURN SIDE of the belt will greatly enhance tool performance and increase belt life.

Dynaswivel® air line connector is ideal for use with most air tools. The Dynaswivel® improves tool maneuverability, minimizes operator fatigue and extends hose life. (See page 163.)

Model Number	Motor hp (W)	Motor RPM	Sound Level	Abrasive Belt Size Inch (mm)	Maximum Air Flow SCFM (LPM)	Max. SFPM (SMPPM)	Weight Pound (kg)	Length Inch (mm)	Height Inch (mm)
40352	.4 (298)	25,000	79 dB(A)	1/8 - 3/4 (3 - 19) x 18 (457)	22 (626)	5,730 (1,747)	1.9 (8.7)	14 (356)	4-1/8 (105)
40353	.4 (298)	25,000	79 dB(A)	1/8 - 3/4 (3 - 19) x 18 (457)	22 (626)	5,730 (1,747)	1.9 (8.7)	14 (356)	4-1/8 (105)

Additional Specifications: Air Inlet Thread 1/4" NPT • Hose I.D. Size 3/8" (10 mm) • Air Pressure 90 PSIG (6.2 Bar)  
 Tune-Up Kit: No. 96074 (page 192) • Recommended Air Line Accessory: 95676 Coupler/Plug Assembly (page 161)





# Vacuum Dynafile® II

## Air-Powered Abrasive Belt Tool

**ABRASIVE CAPACITY**

**ABRASIVE BELTS**  
1/8", 1/4", 3/4" wide x 18" long  
(3 mm, 6 mm, 19 mm  
x 457 mm)

Vacuum While You Work!

### Model 40330

- Includes 11206 Contact Arm for 3/4" wide x 18" long abrasive belts.
- Excellent for grinding, deburring, finishing and polishing, on wood, plastic, fiberglass and exotic metals.
- Highly portable vacuum system works on tool's exhaust.
- Includes self-contained "bag-within-bag" dust collection system. 54288 "bag-within-bag" system also sold separately.
- Air line is included and joined to exhaust hose to form "one cord" for superb maneuverability.



Model Number	Motor hp (W)	Motor RPM	Sound Level	Abrasive Belt Size Inch (mm)	Maximum Air Flow SCFM (LPM)	Max. SFPM (SMPM)	Weight Pound (kg)	Length Inch (mm)	Height Inch (mm)
40330	.5 (373)	20,000	93 dB(A)	1/4-3/4 (6-19) W x 18-24 (457-610) L	28 (793)	4,550 (1,382)	2.5 (1.1)	14-1/4 (362)	5 (127)

Additional Specifications: Air Inlet Thread 1/4" NPT • Hose I.D. Size 3/8" (10 mm) • Air Pressure 90 PSIG (6.2 Bar)  
Tune-Up Kit: No. 96044 (page 192)

# Electric Dynafile® II

## Electric-Powered Abrasive Belt Tool

**ABRASIVE CAPACITY**

**ABRASIVE BELTS**  
1/8", 1/4", 3/4" wide x 18" long  
(3 mm, 6 mm, 19 mm  
x 457 mm)

Electric Version of World-Famous Abrasive Belt Tool

### Model 40590 120 V (AC)

- Electric Dynafile® II runs coated abrasive and non-woven nylon belts, and is ideal for grinding, deburring, blending, finishing and surface conditioning.
- Tool includes 11203 contact arm, for abrasive belts 1/2" wide x 18" long.
- Also accepts over 20 interchangeable contact arms, for use with belts 1/4" to 3/4" wide x 18" long (see page 14).
- Side handle included for operator comfort. Handle is reversible for left or right hand use.
- Tool is double-insulated for safety, and includes electric cord 8 feet in length.



### 40591 Versatility Kit

- Includes 40590 Electric Dynafile® II with 11203 Contact Arm and two additional arms (11202 and 11204). Also includes eight abrasive belts of various grits, and an assortment of platen pads. All items contained in durable carrying case.



Model Number	Motor RPM	Maximum Watts Out	Abrasive Belt Size Inch (mm)	Voltage	Current Amps	Phase	Frequency	Maximum SFPM (SMPM)	Weight Pound (kg)	Length Inch (mm)	Height Inch (mm)
40590	11,600	600	1/4-3/4 (6-19) W x 18-24 (457-610) L	120 V (AC)	6.7	1	60 Hz	2,500 (762)	4.6 (2.1)	17-1/2 (445)	4-3/4 (121)




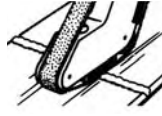



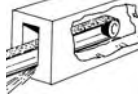







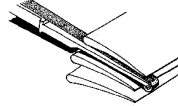



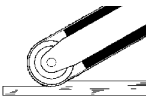
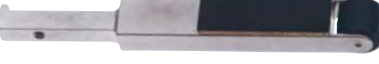
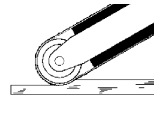


# Dynafile® II Contact Arms

## For Air and Electric Models - 4" to 17" Workable Reach



Optional 40078 Adapter allows use of 24" long belts. Extends reach to 7" when used with standard contact arms



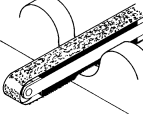




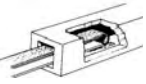








Part Number	Comments	Belt Size (W x L)	Contact Wheel Assembly (includes bearing and shaft)	Platen Pad
11200	  <ul style="list-style-type: none"> <li>Work on broad areas</li> <li>Leave in-line scratch</li> <li>Blend spot welds</li> </ul>	1/2" x 18"	11088 5/8" dia. x 3/8" wide, rubber	11025 1/2" wide
11201	  <ul style="list-style-type: none"> <li><b>45 PSIG maximum</b></li> <li>Enter channels as small as 7/16"</li> </ul>	1/2" x 18"	11068 5/16" dia. x 3/8" wide, steel	11027 1/2" wide
11202	  <ul style="list-style-type: none"> <li>Enter 5/16" x 3/4" openings</li> </ul>	1/4" x 18"	11074 5/8" dia. x 1/8" wide, rubber	11032 1/4" wide
11203	<p>Order 11312 for heavy-duty version.</p>   <ul style="list-style-type: none"> <li>Standard on models 40335 and 40590</li> <li>Grind over contact wheel or platen</li> </ul>	1/2" x 18"	11078 5/8" dia. x 3/8" wide, rubber	11025 1/2" wide
11204	  <ul style="list-style-type: none"> <li>Unique offset design</li> <li>Strap polishing is easy with this arm</li> </ul>	1/8", 1/4" or 1/2" x 18"	11080 1" dia. x 3/8" wide, radiused rubber	None
11206	<p>Order 11326 for heavy-duty version.</p>   <ul style="list-style-type: none"> <li>Standard on models 40320 and 40330</li> </ul>	5/8" or 3/4" x 18"	11282 3/4" dia. x 5/8" wide, rubber	11109 3/4" wide
11220, 11300, 11301, 11341	  <ul style="list-style-type: none"> <li><b>45 PSIG maximum</b></li> <li>Offset design and miniature contact wheels</li> <li>2" strap polish in offset area; polish turbine blades and other contours</li> </ul>	11220: 5/8" or 3/4" x 18" All Others: 1/2" x 18"	11220: 11352 5/16" dia. x 5/8" wide, steel  11300: 11332 1/4" dia. x 3/8" wide, steel  11301: 11068 5/16" dia. x 3/8" wide, steel  11341: 11342 5/16" dia. x 3/8" wide, rubber	None  None  None  None
11280	  <ul style="list-style-type: none"> <li>Grind corners, enter grooves, strap polish</li> <li>"V" shape wheel</li> </ul>	1/8" or 1/4" x 18"	11086 1" dia. x 3/8" wide, urethane, tapered	None
11286	  <ul style="list-style-type: none"> <li>11024 Steel Platen available</li> <li>6-3/4" workable reach</li> </ul>	1/2" x 24"	11078 5/8" dia. x 3/8" wide, rubber	11025 1/2" wide
11287	  <ul style="list-style-type: none"> <li>Standard on Model 40326</li> <li>Grind on wheel or platen</li> <li>5-1/4" reach</li> </ul>	5/8" or 3/4" x 20-1/2"	11282 3/4" x 5/8" wide, rubber	11109 3/4" wide

# Dynafile® II Contact Arms

For Air and Electric Models - 4" to 17" Workable Reach



Optional 40078 Adapter allows use of 24" long belts. Extends reach to 7" when used with standard contact arms

Part Number	Comments	Belt Size (W x L)	Contact Wheel Assembly (includes bearing and shaft)	Platen Pad
<b>11304</b> "The Banana Arm" 	<ul style="list-style-type: none"> <li>Work on broad areas; levels in-line scratch; blend stainless</li> </ul>	1/2" x 18"	11078 5/8" dia. x 3/8" wide, rubber	11132 1/2" wide
<b>11312</b>  	<ul style="list-style-type: none"> <li>Heavy-duty steel</li> <li>Grind over contact wheel or platen</li> </ul>	1/2" x 18"	11078 5/8" dia. x 3/8" wide, rubber	11025 1/2" wide
<b>11314</b>  	<ul style="list-style-type: none"> <li><b>45 PSIG maximum</b></li> <li>File round openings as small as 7/16"</li> </ul>	1/4" x 18"	11066 5/16" dia. x 1/8" wide, steel	11034 1/4" wide
<b>11320</b> Offset Arm  	<ul style="list-style-type: none"> <li>For flat grinding using platen at or near corners and edges of large radius round</li> <li>Contact wheel is offset to prevent gouging</li> </ul>	1/2" x 18"	5/8" dia. x 3/8" wide, rubber	11026 1/2" wide
<b>11321</b>  	<ul style="list-style-type: none"> <li><b>45 PSIG maximum</b></li> <li>Work on contact wheel or platen pad</li> </ul>	1/2" x 18"	11070 7/16" dia. x 3/8" wide, rubber	11025 1/2" wide
<b>11322</b> 	<ul style="list-style-type: none"> <li>Guide-cut</li> <li>Removes raised material within .020" or less without undercutting</li> </ul>	1/2" x 18" 60 to 80 grit	11090 5/8" dia. x 3/8" wide, rubber	None
<b>11329</b> 	<ul style="list-style-type: none"> <li>Extra length arm</li> <li>17" workable reach</li> </ul>	1/2" x 44"	11078 5/8" dia. x 3/8" wide, rubber	11025 1/2" wide
<b>11330</b>  	<ul style="list-style-type: none"> <li>Enter 1/2" x 1/2" openings</li> </ul>	1/4" x 18"	11072 7/16" dia. x 1/8" wide, brass	11034 1/4" wide
<b>11337</b>  	<ul style="list-style-type: none"> <li>Enter channels as narrow as 9/16"</li> </ul>	1/2" x 18"	11076 7/16" dia. x 3/8" wide, steel	11027 1/2" wide
<b>11350</b> 	<ul style="list-style-type: none"> <li><b>45 PSIG maximum</b></li> <li>Excellent for cleaning oxide off electrical bus bars</li> <li>Arm has a 12" workable reach</li> </ul>	3/4" x 34"	11352 5/16" dia. x 5/8" wide, steel	Optional 3/4" wide
<b>11360</b> 	<ul style="list-style-type: none"> <li>Unique offset design</li> <li>Grind over contact wheels or strap polish</li> </ul>	1/2" x 18"	11078 5/8" dia. x 3/8" wide, rubber	None

# Mini-Dynafile® II

## Air-Powered Abrasive Belt Tool

**ABRASIVE CAPACITY**

**ABRASIVE BELTS**  
1/8", 1/4", 1/2" wide x 12" long  
(3 mm, 6 mm, 13 mm  
x 305 mm)

Ideal for Strap Polishing and Working in Narrow Openings

### Model 15003 For 12" Long Belts

- Tool includes 15026 Contact Arm for 1/2" wide x 12" long abrasive belts and 15118 Drive Wheel. (See page 17 for additional Contact Arms.)
- Lightweight ergonomic design handle features 7° offset. Multi-position grinding head pivots 360°.
- Belt guard easily detaches for quick abrasive change; simple belt tracking adjustment knob.



- For added versatility, tool can be easily converted to Die Grinder with optional 01644 (1/4") Threaded Collet Insert.



- 40378 Rubber Drive Wheel may be ordered separately, for efficient use with optional non-woven nylon belts.



Effective for blending stainless steel and grinding right angle welds.

Ideal for finishing and deburring within narrow openings.



Clean and finish using non-woven nylon belts.



Finish rough-cut edges quickly and efficiently.

Model Number	Motor hp (W)	Motor RPM	Sound Level	Abrasive Belt Size Inch (mm)	Maximum Air Flow SCFM (LPM)	Max. SFPM (SMPM)	Weight Pound (kg)	Length Inch (mm)	Height Inch (mm)
15003	.4 (298)	25,000	80 dB(A)	1/8-1/2 (3-13) W x 12 (305) L	20 (566)	4,890 (1,486)	1.8 (.8)	11-3/4 (298)	3-1/2 (89)

Additional Specifications: Air Inlet Thread 1/4" NPT • Hose I.D. Size 1/4" (6 mm) • Air Pressure 90 PSIG (6.2 Bar)  
Tune-Up Kit: No. 96074 (page 192) • Recommended Air Line Accessory: 95676 Coupler/Plug Assembly (page 161)

### 15006 Versatility Kit

- 15003 Tool (15118 Drive Wheel) with 15026 Contact Arm for 1/2" wide x 12" long abrasive belts. Also includes 15028 and 15030 Arms. (See page 17 for all Contact Arms.)
- Includes 01644 Threaded Collet Insert to easily convert tool to 1/4" Die Grinder.
- Assorted coated and non-woven nylon belts; durable carrying case.



Optional 94994 Overhose Assembly (see page 157) reduces sound levels by as much as 5 dB(A). Overhose also directs exhaust away from operator and work piece. Air line sold separately.



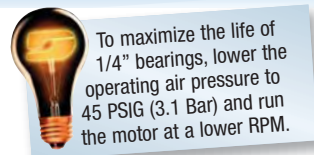
**FASTTRACK**

Contact Arms: Page 17 • Abrasive Belts: Page 209 • Accessories: Page 159



# Mini-Dynafile® II Contact Arms

3" Workable Reach; Exclusive to the Mini-Dynafile® II



Part Number	Comments	Belt Size (W x L)	Contact Wheel Assembly (includes bearing and shaft)	Platen Pad
<p>15026</p>	<ul style="list-style-type: none"> <li>Standard on Model 15003</li> <li>Grind corners, enter grooves</li> </ul>	1/2" x 12"	11078 5/8" dia. x 3/8" wide, rubber	11026 1/2" wide
<p>15027</p>	<ul style="list-style-type: none"> <li>Sand on both sides of arm</li> <li>Enter confined areas as small as 1/4"</li> </ul>	1/4" x 12"	11074 5/8" dia. x 1/8" wide, rubber	11033 1/4" wide
<p>15028</p>	<ul style="list-style-type: none"> <li>No platen due to offset design</li> <li>Grind radiuses</li> <li>Offset for slack polishing</li> </ul>	1/4" or 1/2" x 12"	11080 1" dia. x 3/8" wide, rubber	None
<p>15029</p>	<ul style="list-style-type: none"> <li>Grind corners, enter grooves and strap polish</li> </ul>	1/8" x 12"	11086 1" dia. x 3/8" wide, urethane	None
<p>15030</p>	<ul style="list-style-type: none"> <li><b>45 PSIG maximum</b></li> <li>Enter channels as narrow as 7/16"</li> </ul>	1/2" x 12"	11068 5/16" dia. x 3/8" wide, steel	11027 1/2" wide
<p>15031</p>	<ul style="list-style-type: none"> <li><b>45 PSIG maximum</b></li> <li>Work on contact wheel or platen pad</li> </ul>	1/2" x 13"	11070 7/16" dia. x 3/8" wide, rubber	11027 1/2" wide
<p>15032</p>	<ul style="list-style-type: none"> <li><b>45 PSIG maximum</b></li> <li>Grind, blend and polish turbine blades</li> </ul>	1/2" x 12"	11332 1/4" dia. x 3/8" wide, steel	None
<p>15033</p>	<ul style="list-style-type: none"> <li><b>45 PSIG maximum</b></li> <li>Grind, polish turbine blades and other contours</li> </ul>	1/4" x 12"	11342 5/16" dia. x 3/8" wide, rubber	None

# Dynafile® III

## Air-Powered Abrasive Belt Tool

**ABRASIVE CAPACITY**

**ABRASIVE BELTS**  
1/4", 1/2", 3/4", 1" wide x  
18" long (6 mm, 13 mm,  
19 mm, 25 mm x 457 mm)

Excellent for Grinding Welds, Blending and Deburring

### Model 15300 For 18" Long Belts

- Dynafile® III Abrasive Belt Tool offers all the versatility of our world-famous Dynafile® II, while serving up more power (.7 hp / 522 W) for faster material removal.
- Tool includes high-efficiency Rubber Drive Wheel, ideal for use with all abrasive belts.
- Includes 15350 Contact Arm for 1" wide x 18" long belts (see page 20).
- Tool grinding head pivots 360°.
- Soft grip handle assembly allows operator to apply additional force to contact wheel. Handle also offers enhanced control and maneuverability.
- Optional safety-lock throttle lever is available.



Below: Strap sanding with optional 15375 Arm



Several Dynafile® III Contact Arms serve a dual purpose. These Arms are REVERSIBLE to allow for platen sanding OR strap polishing. (See page 20.)



Dynafile® II Contact Arms may also be used with Dynafile® III. (See page 14.)



Utilized for blending scratch patterns and grinding right angle welds.



15350 Contact Arm with serrated wheel allows aggressive removal.

Model Number	Motor hp (W)	Motor RPM	Sound Level	Abrasive Belt Size Inch (mm)	Maximum Air Flow SCFM (LPM)	Max. SFPM (SMPM)	Weight Pound (kg)	Length Inch (mm)	Height Inch (mm)
15300	.7 (522)	20,000	87 dB(A)	1/4 - 1 (6-25) W x 18 (457) L	32 (906)	4,550 (1,382)	2.5 (1.1)	14-1/4 (362)	4-7/8 (124)

Additional Specifications: Air Inlet Thread 1/4" NPT • Hose I.D. Size 3/8" (10 mm) • Air Pressure 90 PSIG (6.2 Bar)  
Tune-Up Kit: No. 96233 (page 192) • Recommended Air Line Accessory: 95676 Coupler/Plug Assembly (page 161)

### 15302 Versatility Kit

- Includes 15300 Dynafile® III with 15321, 15350 and 15357 Contact Arms (see page 20), plus assortment of abrasive belts, spare 15336 Drive Wheel, wrenches and hex keys, all in durable carrying case.



Dynaswivel® air line connector is ideal for use with most air tools. The Dynaswivel® improves tool maneuverability, minimizes operator fatigue and extends hose life. (See page 163.)



Model 15302

# Dynafile® III

## Air-Powered Abrasive Belt Tool

**ABRASIVE CAPACITY**  
**ABRASIVE BELTS**  
 1/4", 1/2", 3/4", 1" wide x  
 18" long (6 mm, 13 mm,  
 19 mm, 25 mm x 457 mm)

### Lightweight Models With Popular Contact Arms

- Dynafile® III Abrasive Belt Tool offers all the versatility of our world-famous Dynafile® II, while serving up more power (.7 hp / 522 W) for faster material removal.
- Responding to the needs of the marketplace, Dynabrade now offers additional Dynafile® III models. These tools are equipped with our most popular Contact Arms, ideal for a variety of applications.
- Models do not include side handle, reducing tool weight and allowing greater maneuverability. (53163 side handle is still available as an option.)
- Models include high-efficiency Rubber Drive Wheel, ideal for use with all abrasive belts.
- Tool grinding head pivots 180°.



Model 15400

### Model 15400 For 18" Long Belts

- Includes 11206 Contact Arm for belts 5/8" or 3/4" wide x 18" long (see page 20).

### Model 15401 For 20-1/2" Long Belts

- Includes 11287 Contact Arm for belts 5/8" or 3/4" wide x 20-1/2" long (see page 20).



15400 Dynafile® III allows finishing and deburring in restricted areas.



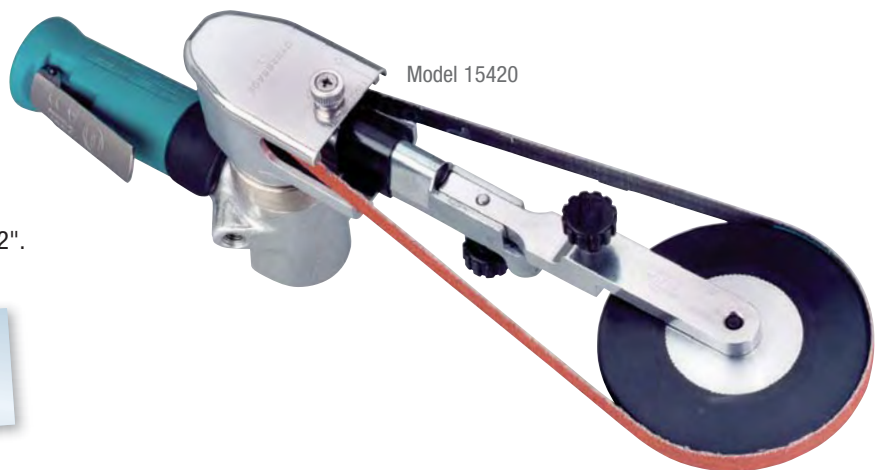
15420 tool (below) includes unique 11702 Contact Arm with hand guide.

Model Number	Motor hp (W)	Motor RPM	Sound Level	Abrasive Belt Size Inch (mm)	Maximum Air Flow SCFM (LPM)	Max. SFPM (SMPM)	Weight Pound (kg)	Length Inch (mm)	Height Inch (mm)
15400	.7 (522)	20,000	87 dB(A)	5/8 (16) or 3/4 (19) W x 18 (457) L	32 (906)	4,550 (1,382)	2.5 (1.1)	14-1/4 (362)	4-7/8 (124)
15401	.7 (522)	20,000	87 dB(A)	5/8 (16) or 3/4 (19) W x 20-1/2 (521) L	32 (906)	4,550 (1,382)	2.5 (1.1)	15-1/2 (394)	4-7/8 (124)

Additional Specifications: Air Inlet Thread 1/4" NPT • Hose I.D. Size 3/8" (10 mm) • Air Pressure 90 PSIG (6.2 Bar)  
 Tune-Up Kit: No. 96233 (page 192) • Recommended Air Line Accessory: 95676 Coupler/Plug Assembly (page 161)

### Model 15420 For 24" Long Belts

- Includes 11702 Contact Arm with unique 4" diameter wheel (see page 20), for grinding or blending right angle welds and fillit welds. Contact Arm includes hand guide for additional control. Saves time and reduces costs!
- Grinds corner welds with no undercutting.
- Tool accepts belts 24" long, in widths of 1/4" or 1/2".



Model 15420



Arrows located on Dynafile® belt cover indicate abrasive belt direction. Grinding from the RETURN SIDE of the belt will greatly enhance tool performance and increase belt life.

Model Number	Motor hp (W)	Motor RPM	Sound Level	Abrasive Belt Size Inch (mm)	Maximum Air Flow SCFM (LPM)	Max. SFPM (SMPM)	Weight Pound (kg)	Length Inch (mm)	Height Inch (mm)
15420	.7 (522)	20,000	87 dB(A)	1/4 (6) or 1/2 (13) W x 24 (610) L	32 (906)	4,550 (1,382)	2.5 (1.1)	14 (356)	4-7/8 (124)

Additional Specifications: Air Inlet Thread 1/4" NPT • Hose I.D. Size 3/8" (10 mm) • Air Pressure 90 PSIG (6.2 Bar)  
 Tune-Up Kit: No. 96233 (page 192) • Recommended Air Line Accessory: 95676 Coupler/Plug Assembly (page 161)





# Dynafile® III Contact Arms

## 4" to 6-3/4" Workable Reach

Part Number	Comments	Belt Size (W x L)	Contact Wheel Assembly (includes bearing and shaft)	Platen Pad
<b>11200</b>  	<ul style="list-style-type: none"> <li>• Work on broad areas</li> <li>• Leave in-line scratch</li> <li>• Blend stainless</li> </ul>	1/2" x 18"	11088 5/8" dia. x 3/8" wide, rubber	11025 1/2" wide
<b>11203</b>  	<ul style="list-style-type: none"> <li>• Standard on Models 40335 and 40590</li> <li>• Grind over contact wheel or platen</li> <li>• Order 11312 for heavy-duty, or 11325 for steel platen version</li> </ul>	1/2" x 18"	11078 5/8" dia. x 3/8" wide, rubber	11025 1/2" wide
<b>11204</b>  	<ul style="list-style-type: none"> <li>• Unique offset design</li> <li>• Strap polishing is easy with this arm</li> </ul>	1/8", 1/4" or 1/2" x 18"	11080 1" dia. x 3/8" wide, radiused rubber	None
<b>11206</b>  	<ul style="list-style-type: none"> <li>• Standard on Models 40320 and 40330</li> <li>• Order 11326 for heavy-duty steel construction version</li> </ul>	5/8" or 3/4" x 18"	11282 3/4" dia. x 5/8" wide, rubber	11109 3/4" wide
<b>11286</b>  	<ul style="list-style-type: none"> <li>• 11024 Steel Platen available</li> <li>• 6-3/4" workable reach</li> </ul>	1/2" x 24"	11078 5/8" dia. x 3/8" wide, rubber	11025 1/2" wide
<b>11287</b>  	<ul style="list-style-type: none"> <li>• Standard on Model 40326</li> <li>• Grind on wheel or platen</li> <li>• 5-1/4" reach</li> </ul>	5/8" or 3/4" x 20-1/2"	11282 3/4" dia. x 5/8" wide, rubber	11109 3/4" wide
<b>11320</b> Offset Arm  	<ul style="list-style-type: none"> <li>• For flat grinding using platen at or near corners and edges of large radius round</li> <li>• Contact wheel is offset to prevent gouging bus bars</li> </ul>	1/2" x 18"	11078 5/8" dia. x 3/8" wide, rubber	11026 1/2" wide
<b>11702</b> 	<ul style="list-style-type: none"> <li>• Perfectly designed to reach up to 2" in a channel</li> <li>• Great for use with scalloped edge abrasives, blending weld seams</li> </ul>	1/2" or 1" x 30"	11638 70 durometer 4" dia. x 1/2" wide, radiused rubber	None

# Dynafile® III Contact Arms

4" to 6-3/4" Workable Reach

Part Number	Comments	Belt Size (W x L)	Contact Wheel Assembly (includes bearing and shaft)	Platen Pad
<p>15321</p> 	<ul style="list-style-type: none"> <li>For flat grinding using platen pad</li> </ul>	1" x 18"	15320 3/4" dia. x 7/8" wide, rubber	15323 1" wide
<p>15326</p> 	<ul style="list-style-type: none"> <li>Allows for longer reach</li> <li>Grind using platen pad</li> </ul>	1" x 24"	15320 3/4" dia. x 7/8" wide, rubber	15323 1" wide
<p>15350</p> 	<ul style="list-style-type: none"> <li>Reversible arm - arm can be flipped to allow for platen sanding or strap polishing</li> <li>Standard with tool</li> </ul>	1" x 18"	15349 90 durometer 2" dia. x 1" wide, rubber	15323 1" wide
<p>15351</p> 	<ul style="list-style-type: none"> <li>Reversible arm - arm can be flipped to allow for platen sanding or strap polishing</li> </ul>	1" x 18"	15348 70 durometer 2" dia. x 1" wide, rubber	15323 1" wide
<p>15356</p> 	<ul style="list-style-type: none"> <li>Reversible arm - arm can be flipped to allow for platen sanding or strap polishing</li> </ul>	1" x 18"	15346 40 durometer 2" dia. x 5/8" wide, rubber	15323 1" wide
<p>15357</p> 	<ul style="list-style-type: none"> <li>Reversible arm - arm can be flipped to allow for platen sanding or strap polishing</li> <li>"V" shape wheel</li> </ul>	1" x 18"	15347 2" dia. x 1" wide, rubber	15323 1" wide
<p>15368</p> 	<ul style="list-style-type: none"> <li>Allows for longer reach</li> <li>Grind using wheel surface</li> </ul>	1" x 30"	15359 70 durometer 1" dia. x 1" wide, serrated rubber	None
<p>15375</p> 	<ul style="list-style-type: none"> <li>Great for strap polishing</li> </ul>	1" x 24"	15348 70 durometer 2" dia. x 1" wide, rubber	None

# Dynabelter®

## Air-Powered Abrasive Belt Tool

ABRASIVE CAPACITY

## ABRASIVE BELTS

1", 2" wide x 30" long  
(25 mm, 51 mm x 762 mm)

### For Weld Grinding, Blending and Finishing on Metal and Other Surfaces

- Dynabelter® is ideal for work on ferrous and non-ferrous metals, wood, plastic, stone and composites.
- Uses include grinding cylinders, deburring castings, cleaning welds and fabricating metals.
- Also excellent for polishing tubing, deburring structural steel, finish-dimensioning on lathe work and blending inside corners.
- Safety-lock lever throttle included on all models.



After attaching new abrasive belt, hold tool by the contact wheel and suspend tool vertically, to ensure that the belt is taut. Then tighten knob and flip tension lever.



Model 11475 is ideal for grinding circumferential welds.



Model 11476 grinds weld seam and leaves in-line scratch pattern.

### Model 11475 Standard Duty, .7 hp

- Accepts 1" wide x 30" long abrasive belts.
- Adjustable speed; removable side handle.
- Includes 11681 Contact Arm Assembly (see page 24).
- Ideal for use with 1/4" Dynaswivel® (see page 163), and 95676 Coupler/Plug Assembly (see page 161).



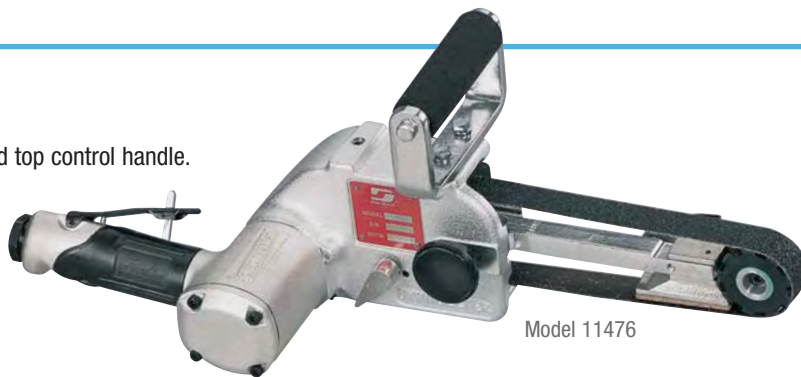
Model 11475

### Model 11476 Heavy-Duty, 1.2 hp

- Accepts 1" wide x 30" long abrasive belts.
- Includes 11681 Contact Arm Assembly (see page 24), and top control handle.
- Ideal for use with 3/8" Dynaswivel® (see page 163), and 98265 Coupler/Plug Assembly (see page 161).



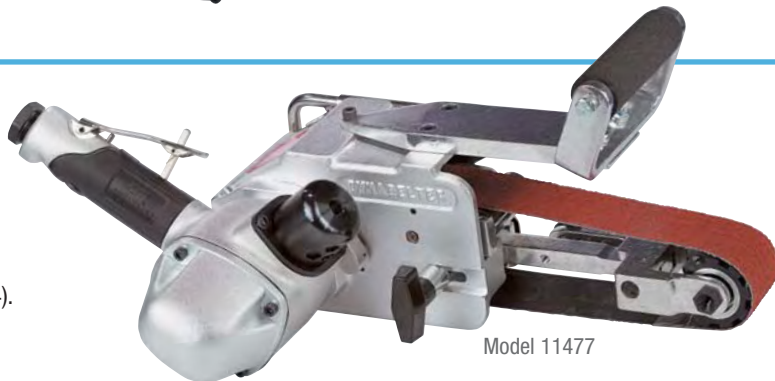
Placing Dynabelter® motor at a 45° angle from the belt housing will increase pressure while grinding. Pull tool towards you, working off the RETURN SIDE of the belt for faster removal.



Model 11476

### Model 11477 Extra Heavy-Duty, 2.0 hp

- Accepts 2" wide x 30" long abrasive belts.
- Includes pressure bar with top control handle.
- Includes 11870 Contact Arm Assembly (see page 24).
- 11871 Contact Arm with 4" dia. contact wheel is available for 2" wide x 60" long belts, providing a 20" workable reach. Optional 11891 Platen is available for 11871 Arm (see page 24).
- Ideal for use with 1/2" Dynaswivel® (see page 163), and 98273 Coupler/Plug Assembly (see page 161).



Model 11477

Model Number	Motor hp (W)	Motor RPM	Sound Level	Abrasive Belt Size Inch (mm)	Air Inlet Thread	Maximum Air Flow SCFM (LPM)	Max. SFPM (SMPM)	Weight Pound (kg)	Length Inch (mm)	Height Inch (mm)
11475	0.7 (522)	18,000	92 dB(A)	1/4-1 (6-25) W x 30 (762) L	1/4" NPT	32 (906)	5,890 (1,789)	7.5 (3.4)	21 (533)	7-1/4 (184)
11476	1.2 (895)	13,000	89 dB(A)	1/4-1 (6-25) W x 30 (762) L	3/8" NPT	58 (1,643)	4,250 (1,295)	10 (4.5)	21 (533)	7-1/4 (184)
11477	2.0 (1,492)	7,200	82 dB(A)	1-2 (25-51) W x 30 (762) L	1/2" NPT	70 (1,982)	4,700 (1,432)	14 (6.4)	21-1/2 (546)	7-3/4 (197)

Additional Specifications: Hose I.D. Size 1/2" (13 mm) • Air Pressure 90 PSIG (6.2 Bar)

Tune-Up Kits: Model 11475 – No. 96045; Model 11476 – No. 96011; Model 11477 – No. 96259 (page 192)



**FASTTRACK**

Contact Arms: Page 24 • Abrasive Belts: Page 211 • Bench Mount: Page 206



# Dynabelter® Accu-Grinder

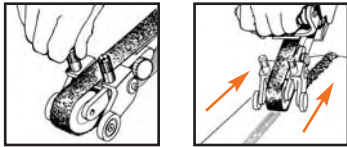
## Air-Powered Abrasive Belt Tool with Adjust-A-Wheel

**ABRASIVE CAPACITY**  
**ABRASIVE BELTS**  
 1" wide x 30" long  
 (25 mm x 762 mm)

Grinds Welds Flat, Without Undercutting

### Model 11486 Heavy-Duty, 1.2 hp

- Efficiently removes excess weld material and leaves a narrow "in-line" scratch pattern. This model takes the guesswork out of weld grinding, and prevents undercutting!



- Adjustable guide tires control the depth of abrasive belt cut. Simple twist-knobs adjust depth of cut. Allows controlled grinding on flats, contours and inside/outside of pipes and tanks.
- Includes 11717 Adjust-A-Wheel Contact Arm with 90-durometer standard serrated Contact Wheel, 2" diameter x 1" wide (see page 24).

### Work on Longitudinal Welds:

- I.D. – 12" diameter pipe or larger.
- O.D. – 8" diameter pipe or larger.



Model 11486

Place 11486 Dynabelter handle at 45° angle from belt housing to increase grinding pressure. Pull tool toward operator for faster material removal.

Model Number	Motor hp (W)	Motor RPM	Sound Level	Abrasive Belt Size Inch (mm)	Maximum Air Flow SCFM (LPM)	Max. SFPM (SMPM)	Air Inlet Thread	Weight Pound (kg)	Length Inch (mm)	Height Inch (mm)
11486	1.2 (895)	13,000	89 dB(A)	1 (25) W x 30 (762) L	58 (1,643)	4,220 (1,282)	3/8" NPT	9.0 (4.1)	22 (559)	7 (178)

Additional Specifications: Hose I.D. Size 1/2" (13 mm) • Air Pressure 90 PSIG (6.2 Bar)

Tune-Up Kit: No. 96011 (page 192) • Recommended Air Line Accessory: 98265 Coupler/Plug Assembly (page 161)

# Dynabelter® Accessories

### 11739 Dynabelter® Adapter

- Dynaflex® Contact Arms (see pg. 9), can be mounted on 11475 and 11476 Dynabelter® models with optional 11739 Adapter.
- Allows for work in small areas using 30" belts (8" reach).



Model 11739

### Dynabelter® Contact Arm Extender

- Allows for longer abrasive belts! The Dynabelter® uses standard 30" long abrasive belts, however, these extenders allow Contact Arms to use longer abrasive belts.
- Extenders can only be used with Dynabelter® Contact Arms.

#### 11656 Extender

- For 42" belts (13" reach)

#### 11657 Extender

- For 54" belts (19" reach)

#### 11679 Extender

- For 60" belts (21" reach)









Model 11656

Model 11679



# Dynabelter® Contact Arms

## Variety of Contact Wheels and Wheel Assemblies

Part Number	Comments	Belt Size (W x L)	Contact Wheel Assembly (includes bearing and shaft)	Platen Pad
11681	 <ul style="list-style-type: none"> <li>7-1/2" workable reach</li> <li>Grind using platen pad</li> </ul>	1" x 30"	11650 (Included) 70 durometer standard serrated serrated rubber, 2" dia. x 1" wide 11618 90 durometer standard serrated rubber, 2" dia. x 1" wide	11605 1" x 2-1/2"
11663	 <ul style="list-style-type: none"> <li>Grind, deburr, polish over platen</li> <li>7-1/2" workable reach</li> </ul>	1" x 30"	11616 80 durometer smooth rubber, 1" dia. x 1" wide	11605 1" x 2-1/2"
11668	 <ul style="list-style-type: none"> <li>Wheel mount pivots to maintain surface contact</li> <li>Work on broad areas, blend stainless</li> <li>Leaves "in-line" scratch pattern</li> <li>6" workable reach</li> </ul>	1" x 30"	11616 Two wheels, 80 durometer smooth rubber, 1" dia. x 1" wide	11605 1" x 1-7/8"
11677	 <ul style="list-style-type: none"> <li>Grind, blend, polish welds</li> <li>Strap polish using slack of belt</li> <li>7" workable reach</li> </ul>	1" x 30"	11620 40 durometer smooth rubber, (80 durometer available, 11622) 4" dia. x 1"	None
11682	 <ul style="list-style-type: none"> <li>Grind, deburr fillet welds, inside corners</li> <li>7" workable reach</li> </ul>	1/2" or 1" wide x 30" long	11638 70 durometer radiused rubber, 4" dia. x 1/2" wide	None
11684	 <ul style="list-style-type: none"> <li>Polish contours without gouging workpiece</li> <li>Ideal for stainless pipe</li> <li>7" workable reach</li> </ul>	1" x 30"	11642 40 durometer serrated rubber, (80 durometer wheel – 11892; 90 durometer wheel – 11888) 4" dia. x 5/8" wide	None
11717	 <ul style="list-style-type: none"> <li>For best results when ordering 11717 Contact Arm for Dynabelter Model 11476 add: <ul style="list-style-type: none"> <li>11544 Pressure Bar</li> <li>Three 95150 Mounting Screws</li> <li>11794 Back Wheel Assembly</li> </ul> </li> </ul>	1" x 30"	11618 90 durometer standard serrated urethane 2" dia. x 1" wide	None
11870	 <ul style="list-style-type: none"> <li>2" dia. x 2" wide urethane wheel assemblies are only for extra heavy-duty tools</li> <li>7" workable reach</li> </ul>	2" x 30"	2" dia. x 2" wide rubber assemblies available: 11847: (Included) 70 durometer standard serration 11849: 70 durometer scoop serration 11851: 90 durometer standard serration 11853: 90 durometer scoop serration	Optional 11659 2" x 2-1/2"

# Dynangle®

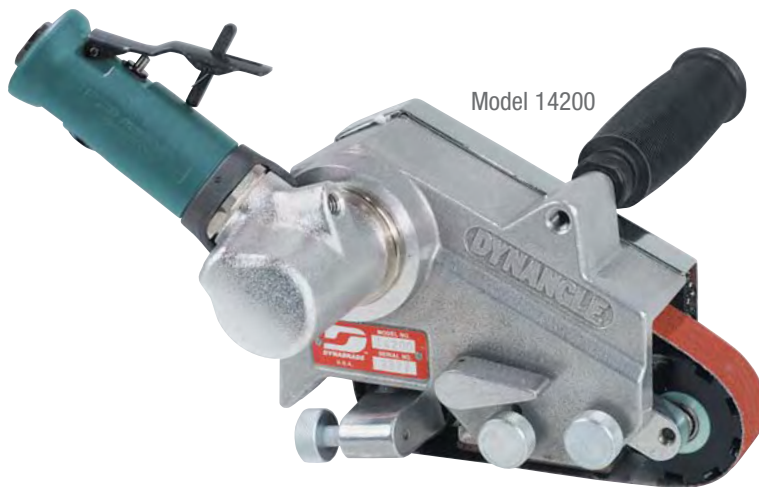
## Air-Powered Abrasive Belt Tool

**ABRASIVE CAPACITY**  
**ABRASIVE BELTS**  
 1" wide x 18" long  
 (25 mm x 457 mm)

Powerful Direct-Drive Air Motor with Adjustable Speed

### Model 14200

- Compact tool is ideal for work in tight spots; handle is multi-positional. Perfect for blending radiuses and adding grain to stainless steel sinks.
- Quick and easy abrasive belt change. Accepts coated abrasive belts and non-woven nylon belts.
- Interchangeable Contact Arms match specific applications on stainless steel (see below). Also ideal for refinishing drilling screws and pump screws.
- Includes 14266 Contact Arm and 11605 Hard/Cork Dynapad® Platen Pad.


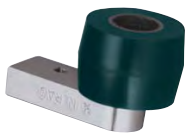
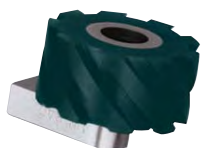


 When working on spot welds, lower platen to avoid gouging of work surface with contact wheel.

Model Number	Motor hp (W)	Motor RPM	Sound Level	Abrasive Belt Size Inch (mm)	Maximum Air Flow SCFM (LPM)	Max. SFPM (SMPM)	Weight Pound (kg)	Length Inch (mm)	Height Inch (mm)
14200	.7 (522)	20,000	92 dB(A)	1 (25) W x 18 (457) L	36 (1,020)	6,540 (1,987)	4.8 (2.2)	11 (279)	5 (127)

Additional Specifications: Air Inlet Thread 1/4" NPT • Hose I.D. Size 3/8" (10 mm) • Air Pressure 90 PSIG (6.2 Bar)  
 Tune-Up Kit: No. 96045 (page 192) • Recommended Air Line Accessory: 95676 Coupler/Plug Assembly (page 161)

# Dynangle® Contact Arms

Part Number	Belt Size (W x L)	Contact Wheel Assembly (includes bearing and shaft)	Wheel Material	Surface	Use
14261 	1" x 18"	14251 1" dia. x 1" wide	70 durometer urethane	Smooth	1/2" radiused corner
14263 	1" x 18"	14253 1-1/2" dia. x 1" wide	70 durometer urethane	Smooth	3/4" radiused corner
14266 	1" x 18"	14256 2" dia. x 1" wide	70 durometer rubber	Standard serrated	1" radiused corner



# Dynangle® II

## Air-Powered Abrasive Belt Tool

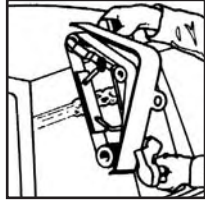
ABRASIVE CAPACITY

## ABRASIVE BELTS

2" wide x 34" or 45" long  
(51 mm x 864 mm, 1143 mm)

### Polish, Grind Contours and Flats

- Surface conditions stainless steel and most other metals. Also used on wood, plastic, fiberglass and composites. Blends and finishes solder seams.
- Built-in abrasive belt guard; fast belt change.
- Safety-lock lever-throttle; hanger brackets included for optional overhead suspension.



### Model 14300 Single Motor

- Uses 2" x 34" belts; belts spans 11-1/2" for "strap polishing" up to 36" diameter pipe.
- 14350 Conversion Kit available to upgrade single motor model to a dual motor model at a later date, if desired.

**NOTE:** For grinding with a platen pad, dual motor models are recommended.

### Model 14303 Heavy-Duty "Dual Motor" with Platen

- Heavy-duty "dual motor" for extra power.
- Uses 2" x 34" belts; belts spans 11-1/2" for "strap polishing" up to 36" diameter pipe.
- Includes 2" wide x 6" long platen which is easily removed for strap polishing.

### Model 14306 Heavy-Duty "Dual Motor" with Platen

- Heavy-duty "dual motor" for extra power.
- Uses 2" x 45" belts; belts spans 17" for polishing pipe up to 48" diameter.
- Includes 2" wide x 6" long platen which is easily removed for strap polishing.



14300 Dynangle® II is utilized for "strap polishing" on a cylindrical stainless steel surface.



Model 14303



For optimum use of Dynangle® II, it is critical that proper air flow is maintained.



To maintain belt tension, use "J-Weight" abrasive belts with low-flex or low-stretch backing.

Model Number	Motor hp (W)	Motor RPM	Sound Level	Abrasive Belt Size Inch (mm)	Maximum Air Flow SCFM (LPM)	Max. SFPM (SMPM)	Weight Pound (kg)	Length Inch (mm)	Height Inch (mm)
14300	1.2 (895)	13,000	85 dB(A)	2 (51) W x 34 (864) L	53 (1,501)	8,500 (2,591)	15.1 (16.9)	18-7/8 (479)	8-1/2 (216)
14303	2.4 (1,790)	13,000	85 dB(A)	2 (51) W x 34 (864) L	106 (3,002)	8,500 (2,591)	18.7 (8.2)	18-7/8 (479)	9-9/16 (243)
14306	2.4 (1,790)	13,000	90 dB(A)	2 (51)W x 45 (1,143) L	106 (3,002)	8,500 (2,591)	19.2 (8.7)	22-7/8 (581)	9-1/2 (241)

Additional Specifications: Air Inlet Thread 1/2" NPT • Hose Size 1/2" (13 mm) • Air Pressure 90 PSIG (6.2 Bar)

**Tune-Up Kit: No. 96011** (Dual motor models require two Tune-Up Kits) • Recommended Air Line Accessory: 98273 Coupler/Plug Assembly (page 161)



FASTTRACK

# “Take-About” Sander

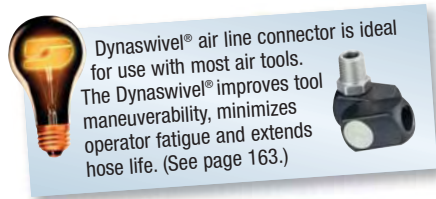
## Air-Powered Abrasive Belt Tool

**ABRASIVE CAPACITY**  
**ABRASIVE BELTS**  
 3" wide x 24" long  
 (76 mm x 610 mm)

Ideal for Surface Leveling, Graining and Finishing

### Model 52900

- Heavy-duty 1.3 hp sander (12,000 RPM) powers 3" x 24" abrasive belts, for aggressive material removal on metal and wood.
- Toggle switch offers simple one-step belt tensioning.
- Pistol-grip handle and top control knob allow enhanced operator control.
- Easily adjustable tracking of abrasive belt.
- Tool works well with non-woven nylon belts.
- Safety-lock throttle lever is included.



Model 52900

Model Number	Motor hp (W)	Motor RPM	Sound Level	Abrasive Belt Size Inch (mm)	Maximum Air Flow SCFM (LPM)	Max. SFPM (SMPM)	Air Inlet Thread	Weight Pound (kg)	Length Inch (mm)	Height Inch (mm)
52900	1.3 (969)	12,000	88 dB(A)	3 (76) W x 24 (610) L	50 (1,416)	1,700 (516)	3/8" NPT	12.5 (5.7)	13-1/4 (337)	7-1/8 (181)

Additional Specifications: Air Pressure 90 PSIG (6.2 Bar) • Hose I.D. Size 1/2" (13 mm) • Recommended Accessory: 98265 Coupler/Plug Assembly (page 161)

# Platen Pads

## Provide Belt Support on Dynabrade Abrasive Belt Tools

**Soft Platen Pads** • Top facing • Sponge base • Pressure sensitive adhesive

Part Number	For Use on These Tools	Width	Length	Thickness	Package Quantity
11032	Dynafile®, Dynafile® II	1/4"	7"	1/8"	5
11025	Dynafile®, Dynafile® II, Dynafile® III	1/2"	7"	1/8"	5
11119	Dynafile® II	3/4"	7"	1/8"	5
15323	Dynafile® III	1"	2"	1/8"	5

For work on contoured pieces



1/8" (3 mm)



**Hard Platen Pads** • Top facing • Cork base • Pressure sensitive adhesive

Part Number	For Use on These Tools	Width	Length	Thickness	Package Quantity
11033	Mini-Dynafile® II	1/4"	7"	1/8"	5
11026	Dynafile®, Dynafile® II, Mini-Dynafile® II, Dynafile® III	1/2"	7"	1/8"	5
11109	Dynafile® II, Dynafile® III	3/4"	7"	1/8"	5
15324	Dynafile® III	1"	2"	1/8"	5

For heavy deburring and polishing



1/8" (3 mm)

**Thin Platen Pads** • Top facing • Pressure sensitive adhesive

Part Number	For Use on These Tools	Width	Length	Thickness	Package Quantity
11034	Dynafile®, Dynafile® II	1/4"	7"	1/32"	5
11027	Dynafile®, Dynafile® II, Mini-Dynafile® II	1/2"	7"	1/32"	5
11129	Dynafile® II	3/4"	7"	1/32"	5

For use with Contact Arms with small diameter Contact Wheels (such as 11212)



1/32" (.8 mm)







# ***Abrasive Finishing Tools***

Dynastraight® .....	29	Mini-Dynisher .....	37
Lightweight Dynastraight® .....	34	Dynisher .....	38
Dynastraight® Flapper .....	35	Electric Dynisher .....	39
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***Continued Leadership In Portable Abrasive Power Tool Technology***

***[www.dynabrade.com](http://www.dynabrade.com)***



# Dynastraight®

## Air-Powered Abrasive Finishing Tool

**ABRASIVE CAPACITY**  
**PNEUMATIC WHEELS, CONDITIONING DISCS, FLAP WHEELS**  
 Up to 8" (203 mm) diameter

**For Graining, Cleaning and Polishing on Stainless Steel, Aluminum, Carbon Steel, Composites**

**Model 13200 950 RPM, .7 hp**

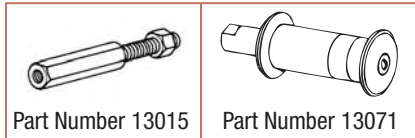
**Model 13500 950 RPM, 1 hp**

- Each model includes 13071 Combo Arbor, for up to 3" wide wheels with 5/8" or 1" diameter center hole.



13200 Dynastraight® runs optional Non-Woven Nylon Wheel (see page 218).

**Arbors**



See page 186 for detailed arbor information.

Model Number	Motor hp (W)	Motor RPM	Sound Level	Maximum Air Flow SCFM (LPM)	Wheel Arbor Diameter	Air Inlet Thread	Tool Thread	Weight Pound (kg)	Length Inch (mm)	Height Inch (mm)
13200	.7 (522)	950	84 dB(A)	34 (957)	5/8" or 1"	1/4" NPT	1/2"-20 Male	4.7 (2.1)	14-7/8 (378)	1-3/4 (44)
13500	1 (744)	950	81 dB(A)	43 (1,218)	5/8" or 1"	3/8" NPT	1/2"-20 Male	5.2 (2.4)	15-3/4 (400)	1-7/8 (48)

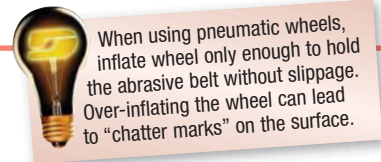
**Tune-Up Kit:** .7 hp Model – No. 96260; 1 hp Model – No. 96532 (page 192) • Additional Specifications: Hose I.D. Size 3/8" (10 mm) • Air Pressure 90 PSIG (6.2 Bar)

**Model 13501 1,800 RPM, 1 hp**

- 13071 Combo Arbor, for up to 3" wide wheels with 5/8" or 1" dia. center hole.
- Any Dynacushion® pneumatic wheel with 5/8" dia. bore (such as 92938) may be mounted.

**Model 13521 1,800 RPM, 1 hp**

- 13015 Threaded Arbor (5/8"-11) ideal for use with optional 94472 Dynacushion® Pneumatic Wheel.



**Model 13511 1,800 RPM, 6" Extension, 1 hp**

- 5/8" or 1" diameter combo arbor for up to 3" wide wheels with 5/8" or 1" diameter center hole.
- Any Dynacushion® pneumatic wheel with 5/8" dia. bore (such as 92938) may be mounted.
- Cushioned grip enhances operator comfort.



**Model 13531 1,800 RPM, 6" Extension, 1 hp**

- 5/8"-11 threaded arbor accepts up to 3-1/2" wide pneumatic wheels (not included) with threaded 5/8"-11 center hole. Ideal set-up for optional Dynacushion® pneumatic wheel with 5/8"-11 thread (such as 92805).
- Cushioned grip enhances operator comfort.

Model Number	Motor hp (W)	Motor RPM	Sound Level	Maximum Air Flow SCFM (LPM)	Wheel Arbor Diameter	Air Inlet Thread	Tool Thread	Weight Pound (kg)	Length Inch (mm)	Height Inch (mm)
13501	1 (744)	1,800	84 dB(A)	34 (952)	5/8" or 1"	3/8" NPT	1/2"-20 Male	4.2 (1.9)	13-3/8 (339)	1-7/8 (48)
13521	1 (744)	1,800	84 dB(A)	34 (952)	5/8"-11 Male	3/8" NPT	1/2"-20 Male	3.8 (1.7)	14-7/8 (378)	1-7/8 (48)
13511	1 (744)	1,800	82 dB(A)	34 (952)	5/8" or 1"	3/8" NPT	N/A	4.6 (2.1)	17-1/4 (438)	1-7/8 (48)
13531	1 (744)	1,800	82 dB(A)	34 (952)	5/8"-11 Male	3/8" NPT	N/A	4.2 (1.9)	17-1/2 (445)	1-7/8 (48)

**Tune-Up Kit:** No. 96532 (page 192) • Additional Specifications: Hose I.D. Size 3/8" (10 mm) • Air Pressure 90 PSIG (6.2 Bar)



# Dynastraight®

## Air-Powered Abrasive Finishing Tool

ABRASIVE  
CAPACITY
**PNEUMATIC WHEELS,  
CONDITIONING DISCS,  
FLAP WHEELS**  
Up to 8" (203 mm) diameter

**For Graining, Cleaning and Polishing on Stainless Steel, Aluminum, Carbon Steel, Composites**

### Model 13201 3,400 RPM, .7 hp

- 13016 Arbor for up to 2" wide x 1/2" I.D. wheels. Any accessory with 1/2" dia. bore may be mounted.

### Model 13202 3,400 RPM, .7 hp

- 13017 Arbor for up to 2" wide x 5/8" I.D. wheels. Any accessory with 5/8" dia. bore may be mounted.

### Model 13204 3,400 RPM, .7 hp

- 13015 Threaded Arbor (5/8"-11) ideal for use with optional 94472 Dynacushion® Pneumatic Wheel.

### Model 13205 3,400 RPM, .7 hp

- 13071 Combo Arbor for up to 3" wide wheels with 5/8" or 1" dia. center hole. Any Dynacushion® pneumatic wheel with 5/8" bore may be mounted (such as 92936).

### 13220 Versatility Kit

- Includes 13204 Dynastraight; 94472 Dynacushion® Pneumatic Wheel; 94465 Wheel Inflation Tool (1/4" NPT); 94300 Dynaswivel® (1/4" NPT); 13016 Arbor; assortment of abrasives.

Model 13204



13204 Dynastraight® powers optional 94472 Dynacushion® pneumatic wheel on stainless steel.

Model 13220



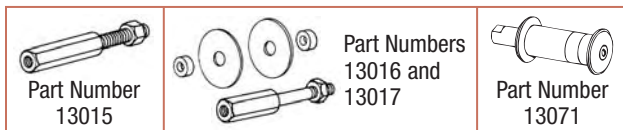
### Model 13502 3,400 RPM, 1 hp

- 13016 Arbor for up to 2" wide x 1/2" I.D. wheels. Any accessory with 1/2" dia. bore may be mounted.
- Ideal set-up for optional surface conditioning discs (shown).

### Model 13503 3,400 RPM, 1 hp

- 13017 Arbor for up to 2" wide x 5/8" I.D. wheels. Any accessory with 5/8" dia. bore may be mounted.

### Arbors



See page 186 for detailed arbor information.

Model 13502



Disc Sold Separately

Model Number	Motor hp (W)	Motor RPM	Sound Level	Maximum Air Flow SCFM (LPM)	Wheel Arbor Diameter	Air Inlet Thread	Tool Thread	Weight Pound (kg)	Length Inch (mm)	Height Inch (mm)
13201	.7 (522)	3,400	82 dB(A)	35 (977)	1/2"	1/4" NPT	1/2"-20 Male	3.9 (1.8)	13-5/8 (346)	1-3/4 (44)
13202	.7 (522)	3,400	82 dB(A)	35 (977)	5/8"	1/4" NPT	1/2"-20 Male	3.9 (1.8)	13-5/8 (346)	1-3/4 (44)
13204	.7 (522)	3,400	82 dB(A)	35 (977)	5/8"-11	1/4" NPT	1/2"-20 Male	3.8 (1.7)	14-5/8 (371)	1-3/4 (44)
13205	.7 (522)	3,400	82 dB(A)	35 (977)	5/8" or 1"	1/4" NPT	1/2"-20 Male	4.0 (1.8)	13-5/8 (346)	1-3/4 (44)
13502	1 (744)	3,400	80 dB(A)	43 (1,218)	1/2"	3/8" NPT	1/2"-20 Male	4.3 (2.0)	15-1/8 (384)	1-7/8 (48)
13503	1 (744)	3,400	80 dB(A)	43 (1,218)	5/8"	3/8" NPT	1/2"-20 Male	4.2 (1.9)	13-7/8 (353)	1-7/8 (48)

**Tune-Up Kit:** .7 hp Model – No. 96260; 1 hp Model – No. 96532 (page 192) • Additional Specifications: Hose I.D. Size 3/8" (10 mm) • Air Pressure 90 PSIG (6.2 Bar)





# Dynastraight®

## Air-Powered Abrasive Finishing Tool

**ABRASIVE CAPACITY**  
**PNEUMATIC WHEELS, CONDITIONING DISCS, FLAP WHEELS**  
 Up to 8" (203 mm) diameter

**For Graining, Cleaning and Polishing on Stainless Steel, Aluminum, Carbon Steel, Composites**

### Model 13505 3,400 RPM, 1 hp

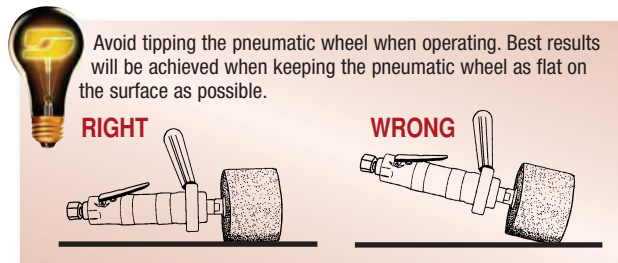
- 13015 Threaded Arbor (5/8" -11) ideal for use with optional 94472 Dynacushion® pneumatic wheel (shown).

### Model 13506 3,400 RPM, 1 hp

- 13071 Combo Arbor for up to 3" wide wheels with 5/8" or 1" diameter center hole. Any Dynacushion® pneumatic wheel with 5/8" dia. bore (such as 92936) may be mounted.

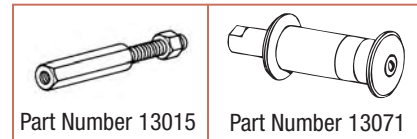


13505 Dynastraight® powers optional 94472 Dynacushion® pneumatic wheel.



Avoid tipping the pneumatic wheel when operating. Best results will be achieved when keeping the pneumatic wheel as flat on the surface as possible.

### Arbors



See page 186 for detailed arbor information.

### Model 13512 3,400 RPM, 6" Extension, 1 hp

- 1/2" diameter arbor for up to 2" wide x 1/2" I.D. wheels. Any accessory with 1/2" diameter bore may be mounted.
- Ideal set-up for optional surface conditioning discs (shown).
- Cushioned grip enhances operator comfort.

### Model 13515 3,400 RPM, 6" Extension, 1 hp

- Ideal set-up for optional Dynacushion® wheel.
- Includes threaded arbor for exclusive use with up to 3-1/2" wide pneumatic wheels (wheel not included) with threaded 5/8"-11 center hole (such as 94472).
- Cushioned grip enhances operator comfort.

### Model 13516 3,400 RPM, 6" Extension, 1 hp

- 13071 Combo Arbor, for up to 3" wide wheels with 5/8" or 1" diameter center hole.
- Any Dynacushion® pneumatic wheel with 5/8" dia. bore (such as 92936) may be mounted.
- Cushioned grip enhances operator comfort.



Model 13512

Disc Sold Separately



Model 13515

13515 Dynastraight® sets grain pattern in stainless steel.

Model Number	Motor hp (W)	Motor RPM	Sound Level	Maximum Air Flow SCFM (LPM)	Wheel Arbor Diameter	Air Inlet Thread	Tool Thread	Weight Pound (kg)	Length Inch (mm)	Height Inch (mm)
13505	1 (744)	3,400	80 dB(A)	43 (1,218)	5/8"-11 Male	3/8" NPT	1/2"-20 Male	4.2 (1.9)	16-1/8 (409)	1-7/8 (48)
13506	1 (744)	3,400	80 dB(A)	43 (1,218)	5/8" or 1"	3/8" NPT	1/2"-20 Male	4.4 (2.0)	14-1/2 (369)	1-7/8 (48)
13512	1 (744)	3,400	80 dB(A)	43 (1,218)	1/2"	3/8" NPT	—	4.4 (2.0)	18-1/2 (471)	1-7/8 (48)
13515	1 (744)	3,400	80 dB(A)	43 (1,218)	5/8"-11 Male	3/8" NPT	—	4.1 (1.9)	18-5/8 (472)	1-7/8 (48)
13516	1 (744)	3,400	80 dB(A)	43 (1,218)	5/8" or 1"	3/8" NPT	—	4.7 (2.1)	18-3/4 (475)	1-7/8 (48)

**Tune-Up Kit: No. 96532** (page 192) • Additional Specifications: Hose I.D. Size 3/8" (10 mm) • Air Pressure 90 PSIG (6.2 Bar)





# Dynastraight®

## Air-Powered Abrasive Finishing Tool

**ABRASIVE CAPACITY**  
**PNEUMATIC WHEELS, CONDITIONING DISCS, FLAP WHEELS**  
 Up to 8" (203 mm) diameter

For Material Removal on Stainless Steel, Aluminum, Carbon Steel, Composites

### Model 13206 4,500 RPM, .7 hp

- 13016 Arbor for up to 2" wide x 1/2" I.D. wheels.
- Accessories with 1/2" dia. bore (maximum speed of 4,500 RPM) may be mounted.

### Model 13207 4,500 RPM, .7 hp

- 13071 Combo Arbor, for up to 3" wide wheels with 5/8" or 1" dia. center hole.
- Accessories with 5/8" dia. bore (maximum speed of 4,500 RPM) may be mounted.

### Model 13214 4,500 RPM, .7 hp

- 13072 Threaded Arbor (5/8"-11), ideal for use with optional 92921 DynaWheel (5" dia. x 1" wide). See page 183.

### Model 13507 4,500 RPM, 1 hp

- 13016 Arbor for up to 2" wide x 1/2" I.D. wheels.

### Model 13508 4,500 RPM, 1 hp

- 13071 Combo Arbor for up to 3" wide wheels with 5/8" or 1" dia. center hole.

### Model 13523 4,500 RPM, 1 hp

- 13072 Threaded Arbor (5/8"-11 male) for exclusive use with optional 92867 or 92868 DynaWheel (5" dia. x 1-1/2" wide). See page 182.

### Model 13517 4,500 RPM, 6" Extension, 1 hp

- 1/2" diameter arbor for up to 2" wide x 1/2" I.D. wheels.

### Model 13518 4,500 RPM, 6" Extension, 1 hp

- 13071 Combo Arbor, for up to 3" wide wheels with 5/8" or 1" dia. center hole.

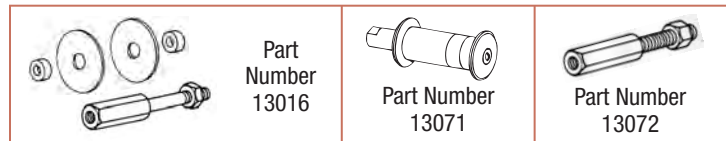
### Model 13520 4,500 RPM, 6" Extension, 1 hp

- Threaded arbor for use with up to 3-1/4" dia. pneumatic wheels with threaded 5/8"-11 center hole.
- Cushioned grip enhances comfort (all extension models).



Left:  
 Optional 92867 DynaWheel  
 on 13523 Dynastraight®, for  
 concentrated grinding and  
 fast material removal.

### Arbors



See page 186 for detailed arbor information.



Models 13517, 13518 and 13520 are ideal for use with optional coated abrasive flap wheels (shown) and non-woven nylon wheels.

Model Number	Motor hp (W)	Motor RPM	Sound Level	Maximum Air Flow SCFM (LPM)	Wheel Arbor Diameter	Air Inlet Thread	Tool Thread	Weight Pound (kg)	Length Inch (mm)	Height Inch (mm)
13206	.7 (522)	4,500	82 dB(A)	40 (1,133)	1/2"	1/4" NPT	1/2"-20 Male	3.9 (1.8)	13-5/8 (346)	1-3/4 (44)
13207	.7 (522)	4,500	82 dB(A)	40 (1,333)	5/8" or 1"	1/4" NPT	1/2"-20 Male	4.0 (1.8)	13-5/8 (346)	1-3/4 (44)
13214	.7 (522)	4,500	82 dB(A)	40 (1,333)	5/8"-11 Male	1/4" NPT	1/2"-20 Male	4.0 (1.8)	13-5/8 (346)	1-3/4 (44)
13507	1 (744)	4,500	80 dB(A)	41 (1,161)	1/2"	3/8" NPT	1/2"-20 Male	4.3 (2.0)	15-1/8 (384)	1-7/8 (48)
13508	1 (744)	4,500	80 dB(A)	41 (1,161)	5/8" or 1"	3/8" NPT	1/2"-20 Male	4.4 (2.0)	15-1/2 (370)	1-7/8 (48)
13517	1 (744)	4,500	80 dB(A)	41 (1,161)	1/2"	3/8" NPT	—	4.4 (2.0)	18-1/2 (471)	1-7/8 (48)
13518	1 (744)	4,500	80 dB(A)	41 (1,161)	5/8" or 1"	3/8" NPT	—	4.7 (2.1)	18-3/4 (475)	1-7/8 (48)
13520	1 (744)	4,500	80 dB(A)	41 (1,161)	5/8"-11 Male	3/8" NPT	—	4.4 (2.0)	18-5/8 (472)	1-7/8 (48)
13523	1 (744)	4,500	80 dB(A)	41 (1,161)	5/8"-11 Male	3/8" NPT	1/2"-20 Male	4.3 (2.0)	14-1/2 (366)	1-7/8 (48)

Tune-Up Kit: .7 hp Model – No. 96260; 1 hp Model – No. 96532 (page 192) • Additional Specifications: Hose I.D. Size 3/8" (10 mm) • Air Pressure 90 PSIG (6.2 Bar)



# Dynastraight® Kits

## Versatility Kits with Finishing Tool and DynaWheel



For Material Removal on Stainless Steel, Aluminum, Carbon Steel, Composites

### 13215 Versatility Kit

- 13214 Dynastraight® (4,500 RPM), with 13072 Threaded Arbor (5/8"-11).
- 92921 DynaWheel (5" dia. x 1" wide), ideal for heavy-duty applications.
- 98091 "DynaPump" Air Pump, for quick inflation of pneumatic wheels.
- 89186 Coated Abrasive Belt (60 grit), 1" wide x 15-1/2" long.



Model 13215

### 13535 Versatility Kit

- 13523 Dynastraight® (4,500 RPM), with 13072 Threaded Arbor (5/8"-11).
- 92867 DynaWheel (5" dia. x 1-1/2" wide), ideal for heavy-duty applications.
- 98091 "DynaPump" Air Pump, for quick inflation of pneumatic wheels.
- Three 89182 Coated Abrasive Belts (60 grit), 1-1/2" wide x 15-1/2" long.



Model 13535



When using pneumatic wheels, inflate wheel only enough to hold the abrasive belt without slippage. Over-inflating the wheel can lead to "chatter marks" on the surface.

# Dynastraight® Kit

## Versatility Kit with Finishing Tool and Dynacushion® Wheel

For Material Removal on Stainless Steel, Aluminum, Carbon Steel, Composites

### 13525 Versatility Kit

- 13505 Dynastraight® (3,400 RPM), with 13015 Threaded Arbor (5/8"-11).
- 94472 Dynacushion® (5" dia. x 3-1/2" wide), ideal for a variety of applications.
- 98091 "DynaPump" Air Pump, for quick inflation of pneumatic wheels.
- 89173 Coated Abrasive Belt (120 grit), 3-1/2" wide x 15-1/2" long.
- NEW 89174 Coated Abrasive Belt (180 grit), 3-1/2" wide x 15-1/2" long.
- 89242 Non-Woven Nylon Belt (medium), 3-1/2" wide x 15-1/2" long.



Model 13525





# Dynastraight®

## Air-Powered Abrasive Finishing Tool

**ABRASIVE CAPACITY**  
**PNEUMATIC WHEELS, CONDITIONING DISCS, FLAP WHEELS**  
 Up to 8" (203 mm) diameter

**For Material Removal on Stainless Steel, Aluminum, Carbon Steel, Composites**

### Model 13509 6,000 RPM, 1 hp

- 13071 Combo Arbor, for up to 3" wide wheels with 5/8" or 1" diameter center hole.
- Ideal for use with optional 94507 Dynacushion® Pneumatic Wheel (3-1/4" dia. x 3" wide x 5/8" bore).

### Model 13519 6,000 RPM, 6" Extension, 1 hp

- Threaded arbor for use with up to 3-1/4" diameter pneumatic wheels with threaded 5/8"-11 center hole (such as 94508 Dynacushion®).
- Cushioned grip enhances operator comfort.



Model Number	Motor hp (W)	Motor RPM	Sound Level	Maximum Air Flow SCFM (LPM)	Wheel Arbor Diameter	Air Inlet Thread	Tool Thread	Weight Pound (kg)	Length Inch (mm)	Height Inch (mm)
13509	1 (744)	6,000	82 dB(A)	44 (1,256)	5/8" or 1"	3/8" NPT	1/2"-20 Male	4.3 (2.0)	14-1/2 (369)	1-7/8 (48)
13519	1 (744)	6,000	83 dB(A)	44 (1,256)	5/8"-11 Male	3/8" NPT	N/A	4.4 (2.0)	18-5/8 (472)	1-7/8 (48)

**Tune-Up Kit: No. 96532** (page 192) • Additional Specifications: Hose I.D. Size 3/8" (10 mm) • Air Pressure 90 PSIG (6.2 Bar)

# Lightweight Dynastraight®

## Air-Powered Abrasive Finishing Tool

**ABRASIVE CAPACITY**  
**PNEUMATIC WHEELS, CONDITIONING DISCS, FLAP WHEELS**  
 Up to 8" (203 mm) diameter

**Tough, Lightweight Tool for Consistent Finishes**

- All models include 13061 Multi-Purpose Arbor for mounting optional abrasive wheels 1/2" to 3" wide (1/2" increments) with 5/8" or 1" center hole.

### Model 13100 950 RPM, .4 hp

- Accepts optional accessories with 5/8" bore.
- Also speed-mated for 8" dia. sanding stars. An ideal way to whitewood sand, sealer sand and defuzz.

### Model 13101 3,200 RPM, .4 Hp

### Model 13102 5,000 RPM, .4 Hp

- Ideal for 1/2" to 3" wide abrasive impregnated non-woven nylon wheels.
- Achieves smooth finishes on stainless steel and composites used in kitchen and bath industries.
- Mount Abrasive Belts with optional 94507 Dynacushion® Pneumatic Wheel (3-1/4" dia. x 3" wide x 5/8" bore). Models 13101 and 13102 only.

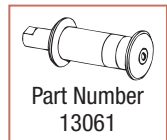


13101 Dynastraight® fitted with optional non-woven nylon wheel.



Many Dynastraight® operators find that it is easier to achieve a straight-line pattern by moving the tool in a faster back-and-forth stroke.

### Arbor



Model Number	Motor hp (W)	Motor RPM	Sound Level	Maximum Air Flow SCFM (LPM)	Wheel Arbor Diameter	Air Inlet Thread	Tool Thread	Weight Pound (kg)	Length Inch (mm)	Height Inch (mm)
13100	.4 (298)	950	82 dB(A)	22 (623)	5/8" or 1"	1/4" NPT	3/8"-24 Male	2.2 (1.0)	13-1/4 (337)	1-5/8 (40)
13101	.4 (298)	3,200	81 dB(A)	22 (623)	5/8" or 1"	1/4" NPT	3/8"-24 Male	2.2 (1.0)	11-1/2 (292)	1-5/8 (40)
13102	.4 (298)	5,000	84 dB(A)	22 (623)	5/8" or 1"	1/4" NPT	3/8"-24 Male	2.2 (1.0)	11-1/2 (292)	1-5/8 (40)

**Tune-Up Kit: No. 96173** (page 192) • Additional Specifications: Hose I.D. Size 1/4" (6 mm) • Air Pressure 90 PSIG (6.2 Bar)





# Dynastraight® Flapper

## Air-Powered Abrasive Finishing Tool

**ABRASIVE CAPACITY**  
**ABRASIVE FLAP WHEELS**  
 Up to 3" (76 mm) diameter

**For Polishing Insides of Pipe and Tubing; Excellent for Light Deburring**

- Remove rust, oxide and scale; clean welds, remove paint and surface condition using abrasive flap wheels.
- Adjustable speed, lever throttle, front exhaust.

### Model 51130 18,000 RPM, .5 hp

- Includes 51029 Flap Wheel Adapter.
- Shown with optional 90831 abrasive flap wheel, 2-1/2" dia. x 1" wide.



**Dynaswivel®** air line connector is ideal for use with most air tools. The Dynaswivel® improves tool maneuverability, minimizes operator fatigue and extends hose life. (See page 163.)

### Model 51301 18,000 RPM, .5 hp

- Includes 1/4" collet.

### Model 51134 18,000 RPM, 8" Extension, .5 hp

- Includes 51116 Adapter.
- Shown with optional 90831 abrasive flap wheel, 2-1/2" dia. x 1" wide.



### Model 53501 18,000 RPM, 8" Extension, .5 hp

- Includes 1/4" collet.

**IMPORTANT: Speed of tool must not exceed maximum operating speed of accessory. Always wear eye, face and body protection.**

Model Number	Motor hp (W)	Motor RPM	Sound Level	Maximum Air Flow SCFM (LPM)	Hose I.D. Size Inch (mm)	Air Inlet Thread	Tool Thread	Weight Pound (kg)	Length Inch (mm)	Height Inch (mm)
51130	.5 (373)	18,000	81 dB(A)	30 (850)	3/8 (10)	1/4" NPT	3/8"-24 Male	1.8 (0.8)	7 (178)	1-3/4 (44)
51134	.5 (373)	18,000	75 dB(A)	30 (850)	3/8 (10)	1/4" NPT	3/8"-24 Male	3.4 (1.5)	17-1/8 (435)	1-7/8 (48)
51301	.5 (373)	18,000	81 dB(A)	24 (680)	3/8 (10)	1/4" NPT	3/8"-24 Male	1.5 (0.7)	7 (178)	1-7/8 (48)
53501	.5 (373)	18,000	75 dB(A)	30 (850)	3/8 (10)	1/4" NPT	-	3.2 (1.5)	17-7/8 (454)	1-7/8 (48)

**Tune-Up Kit: No. 95600** (Extension Models – **No. 96007**) (page 192) • Additional Specifications: Air Pressure 90 PSIG (6.2 Bar)

# Lightweight Dynastraight® Plus

## Air-Powered Abrasive Finishing Tool

**Built-In Holder for 3M Roloc and Roloc+ Products**

### Model 13120 3,200 RPM, .4 hp

### Model 13121 5,000 RPM, .4 hp

- Includes 51115 Roloc Adapter Assembly.
- Has built-in speed control, rear exhaust, lever throttle.
- Mount optional abrasive directly to tool.
- Accepts flap brushes and wheels, Cut 'n Polish wheels, Clean 'n Strip® wheels, coated abrasive discs, Scotch-Brite® discs.



Roloc+, Roloc, Clean 'n Strip, and Scotch-Brite are registered trademarks of 3M Company.

Model Number	Motor hp (W)	Motor RPM	Sound Level	Maximum Air Flow SCFM (LPM)	Hose I.D. Size Inch (mm)	Air Inlet Thread	Holder Thread	Weight Pound (kg)	Length Inch (mm)	Height Inch (mm)
13120	.4 (298)	3,200	81 dB(A)	22 (623)	3/8 (10)	1/4" NPT	Female Roloc	1.8 (.8)	8-1/2 (216)	1-5/8 (40)
13121	.4 (298)	5,000	84 dB(A)	22 (623)	3/8 (10)	1/4" NPT	Female Roloc	1.8 (.8)	8-1/2 (216)	1-5/8 (40)

**Tune-Up Kit: No. 96173** (page 192) • Additional Specifications: Air Pressure 90 PSIG (6.2 Bar)



**FASTTRACK**

# DynaRover

## Air-Powered Abrasive Finishing Tool

**NEW!**

ABRASIVE  
CAPACITY

### BRISTLE BRUSHES

6" (152 mm) diameter, 36 Grit  
Available from 3M Company

Walk-Behind Tool Utilizes Dynastraight® to Clean Weld Seam Corrosion and Various Surfaces

Dynabrade has engineered a walk-behind tool affixed with 6,000 RPM Dynastraight® (sold separately) and 3M™ Scotch-Brite™ Bristle Brushes (sold separately), to effectively clean surfaces, such as removing corrosion from weld seams on ship decks.

### Model 13340

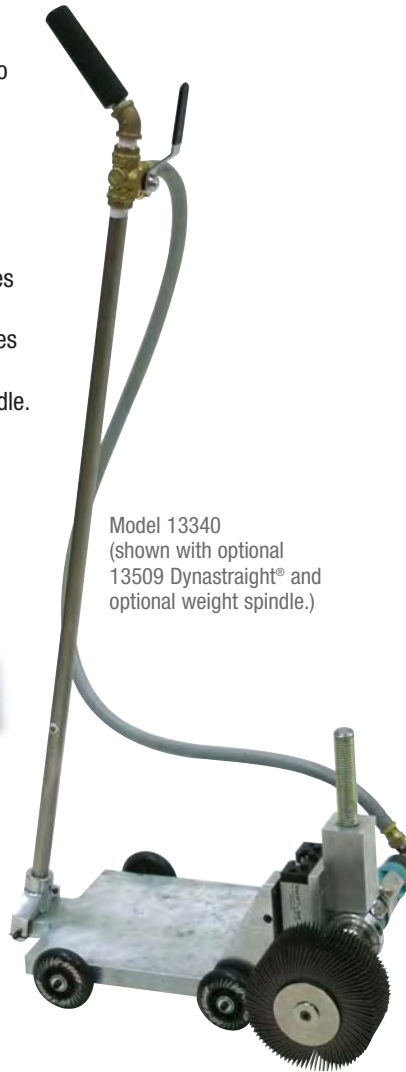
- Use DynaRover in conjunction with model 13509 Dynastraight® (must be ordered separately).
- Attached multiple 3M™ Scotch-Brite™ Bristle Brushes (sold separately) for widths up to 4".
- 37" handle length with 45° angle foam grip provides ergonomic comfort.
- On/off airflow valve is easily accessible on the handle.
- Remove the Dynastraight® from the DynaRover to clean weld on vertical surfaces.



For optimum use of DynaRover, 1/2" (13 mm) air inlet is required.



Maximize surface cleaning efficacy with 90 PSIG (6.2 Bar) air flow.



Model 13340  
(shown with optional  
13509 Dynastraight® and  
optional weight spindle.)



DynaRover cleaning a butt weld.  
(Shown with optional weight spindle.)



DynaRover cleaning an angle weld.



Weld seam cleaned with DynaRover.

### 13370 Optional Vacuum Shroud

- Easily attachable vacuum shroud accessory allows operator to capture corrosion particulate. (Vacuum not included).



Optional 13370  
Vacuum Shroud

### 97355 Optional Weight Spindle

- Optional spindle above Dynastraight® holds additional weight; helps to maintain contact with the weld surface. Weights not included.



97355

Operator places weights (sold separately) onto optional weight spindle of DynaRover.

Scotch-Brite is a registered trademark of 3M Company.



# Rolling Pin Sander

## Air-Powered Abrasive Finishing Tool

**ABRASIVE CAPACITY**  
**PNEUMATIC WHEEL**  
 3-1/4" dia. x 7" long  
 (83 mm dia. x 178 mm long)

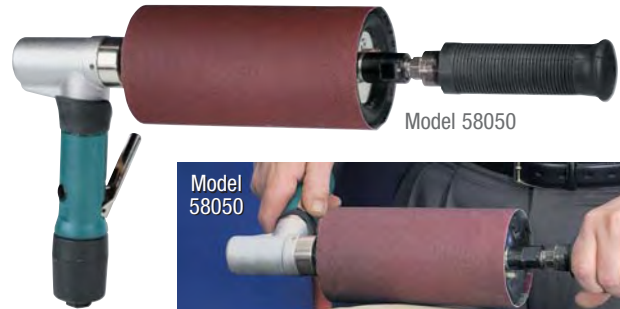
**For Sanding and Finishing on Contoured Shapes**

### Model 58050 3,200 RPM, .4 hp

- Unique offset handle to control torque.
- Includes 94434 Pneumatic Wheel, 3-1/4" dia. x 7" long. Wheel inflates to 20 PSI max.
- Designed for use with coated abrasive and non-woven nylon belts.



Wheel conforms to wood and metal, and easily inflates/deflates for quick abrasive belt change.



Model 58050



Model 58050

Model Number	Motor hp (W)	Motor RPM	Sound Level	Maximum Air Flow SCFM (LPM)	Hose I.D. Size Inch (mm)	Air Inlet Thread	Tool Thread	Weight Pound (kg)	Length Inch (mm)	Height Inch (mm)
58050	.4 (298)	3,200	82 dB(A)	24 (668)	3/8 (10)	1/4" NPT	5/8"-11 male	5 (2.3)	17-3/4 (452)	3-1/4 (83)

**Tune-Up Kit: No. 96174** (page 192) • Additional Specifications: Air Pressure 90 PSIG (6.2 Bar)

# Mini-Dynisher®

## Air-Powered Abrasive Finishing Tool

**ABRASIVE CAPACITY**  
**PNEUMATIC WHEELS**  
 Up to 5" (127 mm) diameter

**Achieves Superior In-Line Finishes on Metal**

- Powers optional Dynacushion® pneumatic wheel. Finish virtually any shape, contour or material, including stainless steel, aluminum, carbon steel, copper, brass, plastic, fiberglass, composites, wood, etc.

### Model 13301 950 RPM, .4 hp

- Ideal for use with optional 92938 Dynacushion® pneumatic wheel (5" dia. x 3-1/2" wide).
- Large shroud allows for up to 6" diameter accessories.

### Model 13300 3,200 RPM, .4 hp

- Ideal for use with optional 94507 Dynacushion® pneumatic wheel (3-1/4" dia. x 3" wide).
- Shroud allows for up to 4-1/2" diameter accessories.

### 13310 Versatility Kit

- 13300 Mini-Dynisher®; 94507 Dynacushion® pneumatic wheel (3-1/4" dia. x 3" wide); 94465 Wheel Inflation Tool; ceramic coated aluminum oxide belt and medium grade non-woven nylon belt.



Model 13300

13300 Mini-Dynisher® powers optional 94507 Dynacushion® pneumatic wheel on stainless steel.



Model 13310

Model Number	Motor hp (W)	Motor RPM	Sound Level	Maximum Air Flow SCFM (LPM)	Wheel Arbor Diameter	Hose I.D. Size	Air Inlet Thread	Weight Pound (kg)	Length Inch (mm)	Height Inch (mm)
13300	.4 (298)	3,200	80 dB(A)	21 (595)	5/8"	1/4 (6)	1/4" NPT	2.8 (1.3)	10 (254)	7 (178)
13301	.4 (298)	950	81 dB(A)	21 (595)	5/8"	1/4 (6)	1/4" NPT	3.4 (1.5)	10 (254)	7 (178)

**Tune-Up Kit: No. 96174** (page 192) • Additional Specifications: Air Pressure 90 PSIG (6.2 Bar)





# Dynisher®

## Air-Powered Abrasive Finishing Tool

**ABRASIVE  
CAPACITY**
**PNEUMATIC WHEELS,  
CONDITIONING DISCS,  
FLAP WHEELS**  
Up to 5" (127 mm) diameter

**Achieves Superior In-Line Finishes on Metal**

### Model 13400 3,400 RPM, .7 hp

- Excellent for blending and finishing stainless steel and other metals, leaving an in-line scratch pattern.
- Operator uses back-and-forth motion; guard can be adjusted for work right up to side walls.
- Arbor (3/4" dia.) included for mounting a variety of abrasives and accessories.
- Variable speed control and safety-lock lever throttle.
- Ideal for use with optional 92938 Dynacushion® pneumatic wheel (5" dia. x 3-1/2" wide).

### 13410 Versatility Kit

- Includes 13400 Dynisher® with 92938 Dynacushion® pneumatic wheel (5" dia. x 3-1/2" wide), two abrasive belts and 94465 Inflation Tool.

### Model 13401 3,400 RPM, .7 hp, Metric

- For use with optional 94495 Dynacushion® pneumatic wheel (90 mm x 100 mm wide).

### 13411 Versatility Kit Metric

- Includes 13401 Dynisher® with 94495 Dynacushion® pneumatic wheel (90 mm x 100 mm wide), two abrasive belts and 94465 Inflation Tool.



### Model 13450 2,800 RPM, 1 hp

- Ideal set-up for optional 92938 Dynacushion® pneumatic wheel.
- Great for refinishing stainless steel sinks, stainless steel kitchen countertops, etc.
- Slower speed achieves deeper and longer grain pattern in work surface.

### 13460 Versatility Kit

- Includes Model 13450 Dynisher®; 92938 Dynacushion® pneumatic wheel; 94465 Wheel Inflation Tool; 80-grit belt; medium-grade belt; 95541 Grease Gun; 95542 Grease and 95848 Gear Oil.



When using pneumatic wheels, inflate wheel only enough to hold the abrasive belt without slippage. Over-inflating the wheel can lead to "chatter marks" on the surface.



13450 Dynisher® powers optional 92938 Dynacushion® pneumatic wheel.

Model Number	Motor hp (W)	Motor RPM	Sound Level	Maximum Air Flow SCFM (LPM)	Wheel Arbor Diameter Inch (mm)	Hose I.D. Size Inch (mm)	Air Inlet Thread	Weight Pound (kg)	Length Inch (mm)	Height Inch (mm)
13400	.7 (522)	3,400	84 dB(A)	41 (1,161)	3/4 (19)	3/8 (10)	1/4" NPT	4.5 (2.0)	13-1/2 (343)	9 (229)
13401	.7 (522)	3,400	84 dB(A)	41 (1,161)	3/4 (19)	3/8 (10)	1/4" NPT	4.5 (2.0)	13-1/2 (343)	9 (229)
13450	1 (744)	2,800	80 dB(A)	41 (1,161)	3/4 (19)	3/8 (10)	3/8" NPT	5.7 (2.6)	15 (381)	7 (180)

**Tune-Up Kit:** .7 hp Models – No. 96234; 1 hp Model – No. 96532 (page 192) • Additional Specifications: Air Pressure 90 PSIG (6.2 Bar)


**FASTTRACK**

Pneumatic Wheels: Page 182 • Abrasives: Page 208 • Accessories: Page 159

# Electric Dynisher®

## Electric-Powered Abrasive Finishing Tool

**ABRASIVE CAPACITY**  
**PNEUMATIC WHEELS, CONDITIONING DISCS, FLAP WHEELS**  
 Up to 5" (127 mm) diameter

**Achieves Superior In-Line Finishes on Metal**

### Model 13415 120 V (AC), 3,000 RPM

- Ideal for graining, blending, brushing and polishing. Utilized in a variety of industries, on stainless steel and other metals, as well as plastic, composites and more.
- Variable tool speed of 0-3,000 RPM. Operator can pre-select speed to suit each application.
- Electronic module maintains specified tool speed under load.
- Variable speed trigger allows operator to control speed from 0 to selected setting.
- Operator moves tool in easy front-to-back motion, for achieving in-line scratch pattern. Tool guard is adjustable for most efficient use.
- 5/8"-11 spindle and 3/4" arbor allow mounting of a variety of accessories and abrasives.
- Tool accepts optional 92938 Dynacushion® Pneumatic Wheel (5" dia. x 3-1/2" wide) and Non-Woven Nylon Wheels. Great versatility!
- Strong 835-watt power output gets the job done fast!



13415 Electric Dynisher® fitted with optional 92938 Dynacushion® Pneumatic Wheel and coated abrasive belt. An ideal setup for achieving in-line scratch pattern on stainless steel.



When using pneumatic wheels, inflate wheel only enough to hold the abrasive belt without slippage. Over-inflating the wheel can lead to "chatter marks" on the surface.



Operator moves Electric Dynisher® in easy front-to-back motion, with tool guard adjustable for optimum use. Pneumatic Wheel is optional.

Electric Dynisher®	Motor RPM	Maximum Watts Out	Voltage	Current Amps	Phase	Frequency	Weight Pound (kg)	Length Inch (mm)	Height Inch (mm)
13415	0 - 3,000	835	120 V (AC)	9	1	60 Hz	8.4 (3.8)	18-3/8 (468)	8-1/4 (209)





# Dyninger®

## Air-Powered Abrasive Finishing Tool

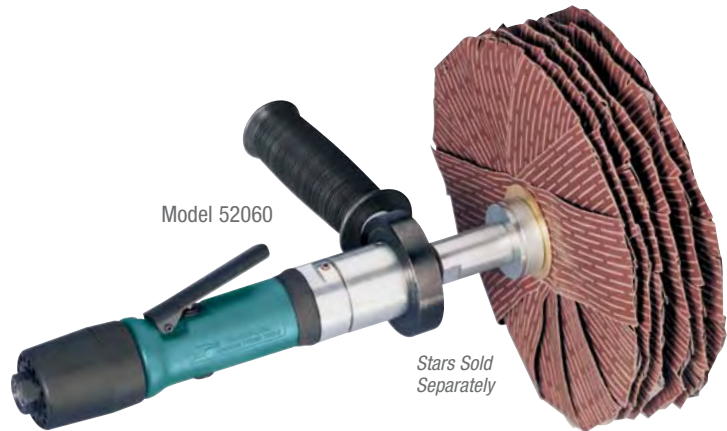
Sand, Defuzz, Blend, Scuff, Denib

ABRASIVE  
CAPACITY

ABRASIVE STARS  
8" (203 mm) diameter

### Model 52060 950 RPM, .4 hp

- High torque air motor includes arbor (1" dia.) for mounting up to six coated abrasive stars, 8" diameter with 1" center hole (sold separately).
- Excellent for blending and scuffing sealer coatings on contours and flat surfaces. Whitewood sand raised panels, turnings, moldings and hard-to-reach areas.
- Defuzz wooden grid pattern panels and denibbing raised grain.
- Great for light deburring of metal.



### 52061 Basic Versatility Kit

- 52060 Dyninger with 1" dia. arbor.
- 93245 Six Coated Abrasive Stars (120 grit).
- 93251 Six Coated Abrasive Stars (320 grit).
- 52031 Abrasive Dressing Plate.

### 52062 Deluxe Versatility Kit

- 52060 Dyninger with 1" dia. arbor.
- 93245 Six Coated Abrasive Stars (120 grit).
- 93251 Six Coated Abrasive Stars (320 grit).
- 52031 Abrasive Dressing Plate.
- 80020 Dynamount® Tool Bench Mount.
- 95745 Speed Control.



For best performance of all sanding stars, prior to application "dress" the abrasive tips against optional 52031 Stainless Steel Abrasive Dressing Plate or equivalent. Also, a piece of hardwood such as oak will do. Dressing will break the stiffness, or flex the abrasives, resulting in a more consistent finish.



Sanding Stars are ideal for work on intricate profiles.

Model Number	Motor hp (W)	Motor RPM	Sound Level	Maximum Air Flow SCFM (LPM)	Wheel Arbor Dia. Inch (mm)	Air Inlet Thread	Tool Thread	Weight Pound (kg)	Length Inch (mm)	Height Inch (mm)
52060	.4 (298)	200-950	82 dB(A)	22 (623)	5/8" or 1"	1/4" NPT	3/8"-24 Male	3.7 (1.7)	11-1/8 (283)	2-3/4 (70)

Tune-Up Kit: No. 96173 (page 192) • Additional Specifications: Hose I.D. Size 1/4 (6 mm) • Air Pressure 90 PSIG (6.2 Bar)



FASTTRACK



# Lightweight Dyninger®

## Air-Powered Abrasive Finishing Tool

**ABRASIVE CAPACITY**  
**ABRASIVE STARS**  
 3/4" to 4" diameter  
 (19 mm to 102 mm dia.)

**Use with Spindle-Mount, Arbor-Mount and Eyelet Sanding Stars**

- For whitewood/sealer sanding, light deburring of metal, or fabrication and finishing of composite surfaces.
- Excellent for use on wooden parts, moldings, raised panels and intricate profiles. Eliminates raised grain and removes loose fibers when whitewood sanding as well as scuffing sealer coats.
- Tool includes 94407 Air-Flow Control Dynaswivel® fitting for maximum tool maneuverability and control.

**Model 52050 0-3,200 RPM, .4 hp, 1/4" Collet**

**Model 52051 0-3,200 RPM, .4 hp, 6 mm Collet**

- Mount 4" diameter spindle-mount abrasive sanding stars with 1/4" shank, or Eyelet Dy-Cut sanding stars. (Stars sold separately - see page 192.)



The grit and spacing of the stars determine sanding aggressiveness. We suggest exploring various grit and spacing combinations.

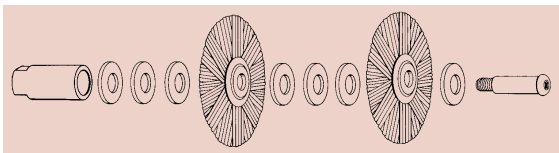


52050 Lightweight Dyninger® with optional spindle-mount stars.

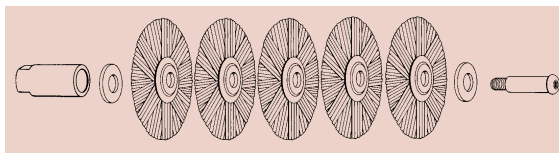
**Model 52052 0-3,200 RPM, .4 hp, Arbor-Mount**

- For running arbor-mount abrasive stars or Dynacushion® wheel.
- Includes 12980 Arbor (1/2" diameter) for mounting up to five 4" diameter arbor-mount sanding stars (1/2" center hole). Arbor includes spacers to be used between the stars for added flexibility. (Stars sold separately, see page 192.)
- Tool includes 94407 Air-Flow Control Dynaswivel® fitting for maximum tool maneuverability and control.

**Least Aggressive/Most Flexible**



**Most Aggressive/Less Flexible**



52052 Lightweight Dyninger® with single arbor-mount star attached.

**NOTE:** The rated RPM of a mounted sanding star is reduced when using flexible shafts. When using the flex shaft for finishing inside diameters, place the eyelet sanding star inside the workpiece, then start the tool.

Model Number	Motor hp (W)	Motor RPM	Sound Level	Maximum Air Flow SCFM (LPM)	Hose I.D. Size Inch (mm)	Air Inlet Thread	Tool Thread	Weight Pound (kg)	Length Inch (mm)	Height Inch (mm)
52050	.4 (298)	0-3,200	81 dB(A)	22 (623)	1/4 (6)	1/4" NPT	3/8"-24 male	2.2 (1.0)	9-1/4 (235)	1-5/8 (40)
52051	.4 (298)	0-3,200	81 dB(A)	22 (623)	1/4 (6)	1/4" NPT	3/8"-24 male	2.2 (1.0)	9-1/4 (235)	1-5/8 (40)
52052	.4 (298)	0-3,200	81 dB(A)	22 (623)	1/4 (6)	1/4" NPT	3/8"-24 male	2.2 (1.0)	8-3/4 (222)	1-5/8 (40)

**Tune-Up Kit: No. 96173** (page 192) • Additional Specifications: Air Pressure 90 PSIG (6.2 Bar)

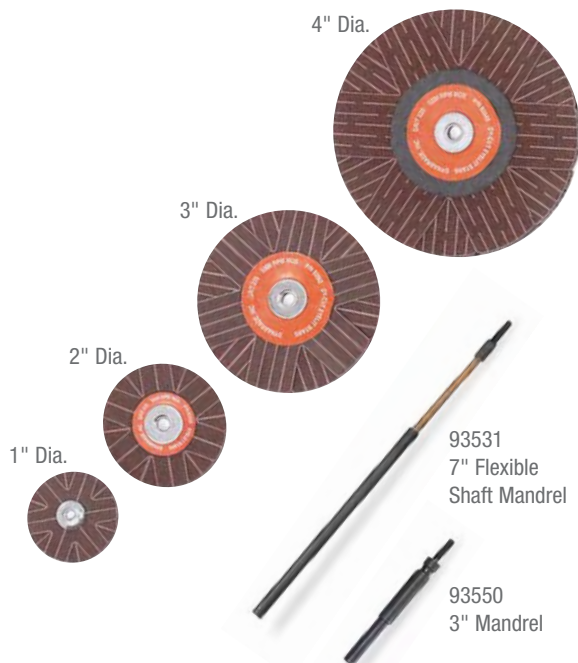


# Eyelet Sanding Stars and Mandrels

*Ideal for Deburring and Polishing Hard-to-Reach Areas*

For Use with Lightweight Dyninger®

- Eyelet sanding stars are available in the following diameters: 3/4", 1", 1-1/2", 2", 3" and 4".
- Use with Lightweight Dyninger models 52050 and 52051, and Die Grinder models. See chart below for maximum operating speeds.
- Excellent for wooden parts, moldings, raised panels and intricate profiles. Eliminates raised grain and removes loose fibers when whitewood sanding as well as scuffing sealer coats.
- Provides uniform, smooth surface for achieving the best top coats.
- Metalworking applications include setting in-line scratch on stainless steel.
- Polish and deburr inside diameters of pipe and tubing.



*3" Eyelet Sanding Star easily enters pipe elbow using 7" long flexible mandrel.*

*Sand and deburr inside small dia. pipe and other hard to reach areas with 3/4" – 1-1/2" stars.*



**NOTE:** The rated RPM of a mounted sanding star is reduced when using flexible shafts. When using the flex shaft for finishing inside diameters, place the eyelet sanding star inside the workpiece, then start the tool.



The grit and spacing of the stars determine sanding aggressiveness. We suggest exploring various grit and spacing combinations.

## CHOOSE EYELET STAR...

Diameter Inch (mm)	Grit						
	80	120	150	180	220	320	400
3/4 (19)	93579	93580	93581	93582	93583	–	–
1 (25)	93586	93587	93588	93589	93590	–	–
1-1/2 (38)	93541	93542	93543	93544	93545	93546	93547
2 (51)	93551	93552	93553	93554	93555	93556	93557
3 (76)	93558	93559	93560	93561	93562	93563	93564
4 (102)	93565	93566	93567	93568	93569	–	–

## ...THEN CHOOSE MANDREL

Mandrel P/N	Length Inch (mm)	Max. Operating Speed	Male Thread
93534	3 (76)	5,000	3-48
93533	7 (178) Flex	3,200	3-48
93548	3 (76)	5,000	8-32
93532	7 (178) Flex	3,200	8-32
93550	3 (76)	5,000	1/4"-20
93531	7 (178) Flex	3,200	1/4"-20
93550	3 (76)	5,000	1/4"-20
93531	7 (178) Flex	3,200	1/4"-20



# Industrial DynaZip

## Industrial-Quality Surface Preparation Tool



**ABRASIVE CAPACITY**  
**WIRE WHEELS AND ERASER WHEELS**  
 4" (102 mm) diameter

**Powers Wire Wheels and Eraser Wheels for Effective Material Removal**

- Industrial DynaZip (3,500 RPM) delivers outstanding power and torque, accepting optional Wire Wheels (4" dia.) and optional Eraser Wheels (4" dia.), for countless material removal applications.
- Tool features three-position handle for the best in operator comfort.
- Fully adjustable wheel guard.
- Quick and easy change of accessories.

### Model 13280 3,500 RPM, Wire Wheel

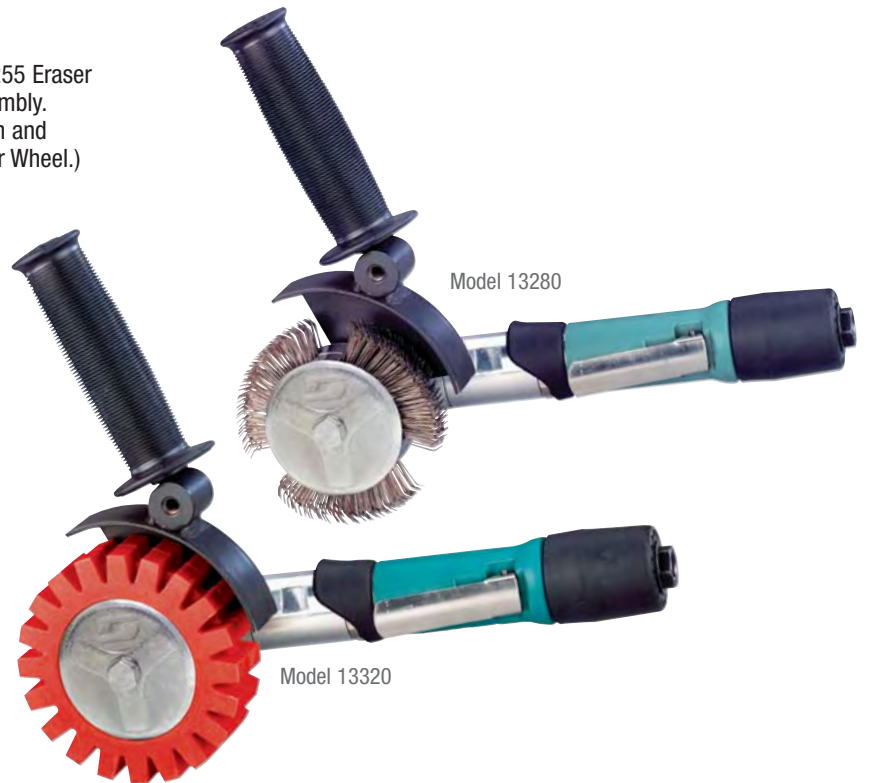
- Tool with wheel guard and handle. Also includes 92245 Wire Wheel (4" dia. x 3/4" wide) and 92284 Hub Assembly. (Hub Assembly includes bolt, hub shield, hub cushion and drive plates for mounting either Wire Wheel or Eraser Wheel.)
- Ideal for removing paint, seam sealer, rust proofing, surface rust and more.
- Tool duplicates sand-blasting effect without surface fatigue.
- DynaZip dramatically outperforms conventional spiral-wound wheels, with no clogging.



13280 DynaZip powers Wire Wheel to remove surface rust and weld spatter from a weld seam.

### Model 13320 3,500 RPM, Eraser Wheel

- Tool with wheel guard and handle. Also includes 92255 Eraser Wheel (4" dia. x 1-3/16" wide) and 92284 Hub Assembly. (Hub Assembly includes bolt, hub shield, hub cushion and drive plates for mounting either Wire Wheel or Eraser Wheel.)
- Outstanding for removal of graphics, decals and two-sided adhesive tapes.
- DynaZip is effective for material removal on painted surfaces, with no damage to base paint.



Dynaswivel® air line connector is ideal for use with most air tools. The Dynaswivel® improves tool maneuverability, minimizes operator fatigue and extends hose life. (See page 163.)

Model Number	Motor hp (W)	Motor RPM	Wheel Dia. Inch (mm)	Sound Level	Maximum Air Flow SCFM (LPM)	Hose I.D. Size Inch (mm)	Air Inlet Thread	Weight Pound (kg)	Length Inch (mm)	Height Inch (mm)
13280	.4 (298)	3,500	4 (102)	79 dB(A)	23 (765)	1/4 (6)	1/4" NPT	3.29 (14.63)	11.5 (293.3)	4.91 (124.7)
13320	.4 (298)	3,500	4 (102)	79 dB(A)	23 (765)	1/4 (6)	1/4" NPT	3.29 (14.63)	11.4 (290.5)	4.91 (124.7)

**Tune-Up Kit: No. 96174** (page 192) • Additional Specifications: Air Pressure 90 PSIG (6.2 Bar)



Wire Wheels: See page 185 • Eraser Wheels: See page 185





# *Random Orbital Sanders*

Dynorbital-Spirit® .....	46	Palm-Style Mini-Orbital .....	54
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Mesh Abrasive Systems .....	49	Angle-Head Mini-Dynorbital® .....	56
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11" Dia. Dynorbital® .....	53		



**Continued Leadership In Portable Abrasive Power Tool Technology**

**[www.dynabrade.com](http://www.dynabrade.com)**

# Dynorbital-Spirit® & Dynorbital® Supreme

## Air-Powered Random Orbital Sanders

Innovation and Excellence Built Right In

### Throttle Lever

Lever recesses into housing grip when depressed, eliminating pressure-point on operator's palm.

**Dynorbital-Spirit®** lever is made from composite material to insulate against cold air. Lever is color-coded to designate tool orbit (see next page).

### Easy Maintenance and Vacuum Conversion

Muffler elements are easily changed for convenient maintenance. Convert non-vacuum model to vacuum with simple addition of optional vacuum components.

### Low Sound Levels

Muffling system reduces exhaust sound levels to as low as 76 dB(A).

### Comfortable Palm Grip

Resilient, vibration-absorbing grip is shaped to conform to the hand, for the best in operator comfort.

### Lip Seal Shroud

Shroud ensures proper tool performance and enhanced operator safety. Interchangeable Overskirt Shroud is also available for enhanced vacuum and wet sanding.

### Speed Control

**Dynorbital-Spirit®** speed control allows "thumb-control" regulating of tool speed.

**Dynorbital Supreme®** speed controls allow choice of "finger control" regulating, "recessed screwdriver control" regulating, or non-regulating.

### Perfectly Balanced Sanding Pad

*The Best in the Industry!*

Perfectly-balanced, weight-mated sanding pad with one-piece hub design. Dynabrade premium urethane pads offer smoother operating performance and minimal vibration.

- 3-1/2" (89 mm) – 80 grams
- 5" (127 mm) – 100 grams
- 6" (152 mm) – 130 grams

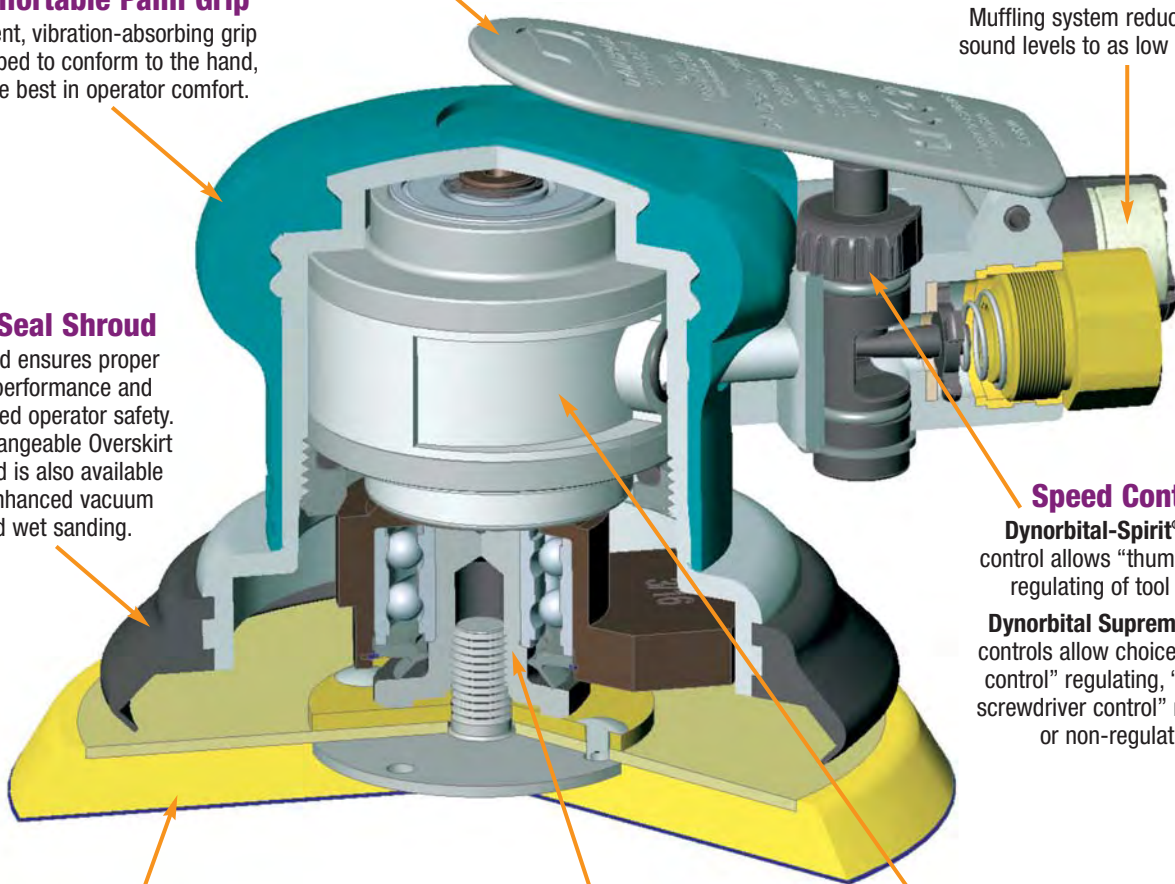
### Lower Vibration Levels

Precision one-piece motor shaft and counterbalance. High-quality Double Row Pad Bearing, protected by unique "V Seal," improves bearing life and ensures reduced vibration.

### High-Quality Air Motors

**Dynorbital-Spirit®** offers lighter air motor assembly, ideal for vertical and overhead sanding applications.

**Dynorbital Supreme®** offers the most robust air motor design, best for horizontal sanding applications.





# Dynorbital-Spirit®

## Air-Powered Random Orbital Sander

**ABRASIVE CAPACITY**  
**ABRASIVE DISCS**  
 3" (76 mm), 3-1/2" (89 mm),  
 5" (127 mm) and 6" (152 mm)  
 diameter

The Finest in Random Orbital Sanding Innovation

**NEW! Comfort Platform**



Now included on all palm-style Dynorbital-Spirit® and Dynorbital® Supreme Random Orbital Sanders!

- New Comfort Platform provides additional hand and wrist support, further enhancing operator comfort. Also offers increased protection against cold air exhaust. (NOTE: Comfort Platform is removable.)
- Comfort Platform also included on Dynabug® II! (See page 70.)

Order 59330 Comfort Platform separately, to install on existing tools!

**More Power**

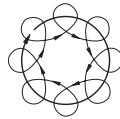
- True 12,000 RPM air motor. Floating rotor utilizes five blades, producing more usable power (.25 hp/186 W). High-strength, composite rotor has better lubricating qualities, allowing blades to last longer. Less air (14 SCFM/396 LPM) is used more efficiently to maintain maximum power.



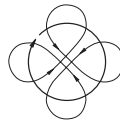
**Color-Coded Levers Quickly Identify your Choice of Three Different Orbits**



- Black lever identifies **3/32"** (2.5 mm) dia. orbit, used for ultra-fine sanding.



- Grey lever identifies **3/16"** (5 mm) dia. orbit, used for general sanding.



- Blue lever identifies **3/8"** (10 mm) dia. orbit, used for aggressive sanding.



**Drop-In Motor**

- Less repair tools needed to repair and maintain the tool.
- Quick in-house repair lessens downtime.
- Average repair time now less than five minutes.
- See page 190.

**EASY TO INSTALL!**



Model Number	Vacuum Style	Tool Dia. Inch (mm)	Dia. Orbit Inch (mm)	Sound Level	Weight Pound (kg)	Length Inch (mm)
59000	Non-Vac	3-1/2 (89)	3/8 (10)	78 dB(A)	1.4 (0.6)	6 (152)
59005	Non-Vac	5 (127)	3/8 (10)	82 dB(A)	1.5 (0.7)	6-1/2 (165)
59010	Non-Vac	6 (152)	3/8 (10)	82 dB(A)	1.6 (0.7)	7 (178)
59015	Non-Vac	3-1/2 (89)	3/16 (5)	80 dB(A)	1.4 (0.6)	6 (152)
59020	Non-Vac	5 (127)	3/16 (5)	80 dB(A)	1.4 (0.6)	6-1/2 (165)
59025	Non-Vac	6 (152)	3/16 (5)	81 dB(A)	1.5 (0.7)	7 (178)
59030	Non-Vac	3-1/2 (89)	3/32 (2)	80 dB(A)	1.4 (0.6)	6 (152)
59035	Non-Vac	5 (127)	3/32 (2)	79 dB(A)	1.4 (0.6)	6-1/2 (165)
59040	Non-Vac	6 (152)	3/32 (2)	80 dB(A)	1.5 (0.6)	7 (178)
59100	Non-Vac	3 (76)	3/8 (10)	78 dB(A)	1.4 (0.6)	6 (152)
59105	Non-Vac	3 (76)	3/16 (5)	80 dB(A)	1.4 (0.6)	6-1/2 (165)
59110	Non-Vac	3 (76)	3/32 (2)	79 dB(A)	1.3 (0.6)	7 (178)
59003	Self-Gen	3-1/2 (89)	3/8 (10)	87 dB(A)	1.5 (0.7)	8-1/2 (216)
59008	Self-Gen	5 (127)	3/8 (10)	87 dB(A)	1.6 (0.7)	8-1/2 (216)
59013	Self-Gen	6 (152)	3/8 (10)	86 dB(A)	1.7 (0.7)	9 (229)
59018	Self-Gen	3-1/2 (89)	3/16 (5)	87 dB(A)	1.4 (0.6)	8-1/2 (216)
59023	Self-Gen	5 (127)	3/16 (5)	85 dB(A)	1.5 (0.7)	8-1/2 (216)
59028	Self-Gen	6 (152)	3/16 (5)	86 dB(A)	1.6 (0.7)	9 (229)

Model Number	Vacuum Style	Tool Dia. Inch (mm)	Dia. Orbit Inch (mm)	Sound Level	Weight Pound (kg)	Length Inch (mm)
59033	Self-Gen	3-1/2 (89)	3/32 (2)	87 dB(A)	1.4 (0.6)	8-1/2 (216)
59038	Self-Gen	5 (127)	3/32 (2)	84 dB(A)	1.5 (0.6)	8-1/2 (216)
59043	Self-Gen	6 (152)	3/32 (2)	86 dB(A)	1.5 (0.7)	9 (229)
59103	Self-Gen	3 (76)	3/8 (10)	87 dB(A)	1.5 (0.6)	8-1/2 (216)
59108	Self-Gen	3 (76)	3/16 (5)	87 dB(A)	1.4 (0.6)	8-1/2 (216)
59113	Self-Gen	3 (76)	3/32 (2)	87 dB(A)	1.4 (0.6)	9 (229)
59004	Central	3-1/2 (89)	3/8 (10)	78 dB(A)	1.5 (0.7)	7 (178)
59009	Central	5 (127)	3/8 (10)	82 dB(A)	1.5 (0.7)	7-1/4 (184)
59014	Central	6 (152)	3/8 (10)	83 dB(A)	1.6 (0.7)	7-3/4 (197)
59019	Central	3-1/2 (89)	3/16 (5)	80 dB(A)	1.4 (0.6)	7 (178)
59024	Central	5 (127)	3/16 (5)	81 dB(A)	1.5 (0.6)	7-1/4 (184)
59029	Central	6 (152)	3/16 (5)	82 dB(A)	1.6 (0.7)	7-3/4 (197)
59034	Central	3-1/2 (89)	3/32 (2)	80 dB(A)	1.4 (0.6)	7 (178)
59039	Central	5 (127)	3/32 (2)	81 dB(A)	1.4 (0.6)	7-1/4 (184)
59044	Central	6 (152)	3/32 (2)	81 dB(A)	1.5 (0.7)	7-3/4 (197)
59104	Central	3 (76)	3/8 (10)	78 dB(A)	1.5 (0.6)	7 (178)
59109	Central	3 (76)	3/16 (5)	80 dB(A)	1.4 (0.6)	7-1/4 (184)
59114	Central	3 (76)	3/32 (2)	80 dB(A)	1.4 (0.6)	7-3/4 (197)

Additional Specifications: Motor .25 hp (186 W) • Motor 12,000 RPM • Thread 5/16"-24 Female • Air Inlet Thread 1/4" NPT  
 Hose I.D. Size 1/4" (6 mm) • Air Flow Rate 14 SCFM/396 LPM • Height 3-1/2" (89 mm) • Air Pressure 90 PSIG (6.2 Bar)

Tune-Up Kit: No. 96510 (page 192)





# Dynorbital-Spirit®

## Air-Powered Random Orbital Sander

**ABRASIVE CAPACITY**  
**ABRASIVE DISCS**  
 3" (76 mm), 3-1/2" (89 mm),  
 5" (127 mm) and 6" (152 mm)  
 diameter

**Hundreds of Industrial Applications**

### Non-Vacuum

- Includes low profile, premium urethane weight-mated sanding pad.
- Optional vacuum conversion kits are available to easily convert non-vacuum tool to self-generated vacuum tool or central vacuum tool (see page 155).

Pad Diameter Inch (mm)	3/8" Orbit Models	3/16" Orbit Models	3/32" Orbit Models
3 (76 mm)	59100	59105	59110
3-1/2 (89 mm)	59000	59015	59030
5 (127 mm)	59005	59020	59035
6 (152 mm)	59010	59025	59040



See page 164 for  
 Dynabrade High Quality  
 Sanding Pads!

### Self-Generated Vacuum

- Includes low profile, premium urethane weight-mated sanding pad.
- Ready for connection to optional portable self-contained dust collection system (50617 shown; see page 156).

Pad Diameter Inch (mm)	3/8" Orbit Models	3/16" Orbit Models	3/32" Orbit Models
3 (76 mm)	59103	59108	59113
3-1/2 (89 mm)	59003	59018	59033
5 (127 mm)	59008	59023	59038
6 (152 mm)	59013	59028	59043



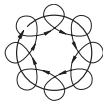
### Central Vacuum

- Includes low profile, premium urethane weight-mated sanding pad.
- Has 1" (25 mm) outside diameter vacuum port, for easy connection to central vacuum system.

Pad Diameter Inch (mm)	3/8" Orbit Models	3/16" Orbit Models	3/32" Orbit Models
3 (76 mm)	59104	59109	59114
3-1/2 (89 mm)	59004	59019	59034
5 (127 mm)	59009	59024	59039
6 (152 mm)	59014	59029	59044



**3/8" (10 mm) Dia. Orbit**  
 For Aggressive Sanding



**3/16" (5 mm) Dia. Orbit**  
 For General Sanding

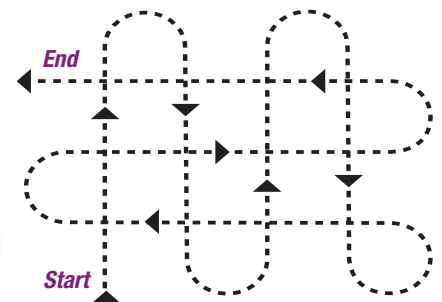


**3/32" (2.5 mm) Dia. Orbit**  
 For Ultra-Fine Sanding



For efficient random orbital sanding and uniform finish, move the tool in "north-to-south" pattern, then change to "east-to-west" pattern. Be sure to sand complete surface in each pattern.

Remember the rule of "start ON, stop OFF." Place the tool ON the work surface before starting it, and move running tool OFF the surface before stopping it. This will help to prevent unwanted swirl marks.



# HiVac Dynorbital-Spirit®

## Air-Powered 3" Diameter Random Orbital Sander

**ABRASIVE CAPACITY**  
**ABRASIVE DISCS**  
 3" (76 mm) diameter

**Small Tool with Big Power and Vacuum Capability**

- 3" diameter HiVac Dynorbital-Spirit® efficiently vacuums through 3-hole sanding pad and unique shroud design.
- Ergonomically designed to the highest standards of Dynabrade technology.
- Sanding pad is weight-mated to tool, ensuring low vibration and smooth finishes.
- Tool weight of 1.3 pounds (0.6 kg) minimizes operator fatigue.
- Innovative "V-Seal" protects double row balancer bearing from sanding residue for longer tool life.
- Unique "Top Hat" seal protects front motor bearing from contaminants while maintaining bearing lubrication.

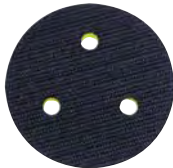


Model 59116

HiVac Dynorbital-Spirit® powers 3" diameter sanding pad.



**3/32" (2.5 mm) Dia. Orbit**  
 (Models pictured)



56144 Vacuum Pad  
 (All HiVac models)

**Self-Generated Vacuum**

Vacuums directly through the tool's exhaust, with 1" vacuum port connected to optional portable dust collection system. Includes 56144 Vacuum Sanding Pad (3 holes, medium density hook-face). Pad accepts 3" diameter hook-face or mesh-style abrasive discs (sold separately).

**Model 59116 3/32" Orbit**

Model 59115 with 3/16" orbit is also available.



50617  
 (See page 156)

Model 59116

**Central Vacuum**

1" (25 mm) outside diameter vacuum port connects to an external vacuum source, such as a portable vacuum or central vac system. Includes 56144 Vacuum Sanding Pad (3 holes, medium density hook-face). Pad accepts 3" (76 mm) diameter hook-face or mesh-style abrasive discs (sold separately).

**Model 59118 3/32" Orbit**

Model 59117 with 3/16" orbit is also available.



Model 59118

Model Number	Orbit Dia. Inch (mm)	Motor hp (W)	Motor RPM	Sound Level	Max. Air Flow SCFM (LPM)	Spindle Thread	Hose I.D. Size Inch (mm)	Air Inlet Thread	Weight lb (kg)	Length Inch (mm)	Height Inch (mm)
59115	3/16" (5)	.25 (186)	12,000	83.7 d(B)A	14 (396)	5/16"-24	1/4 (8)	1/4" NPT	1.3 (0.6)	7-3/4 (197)	3-3/4 (95)
59116	3/32" (2)	.25 (186)	12,000	83.7 d(B)A	14 (396)	5/16"-24	1/4 (8)	1/4" NPT	1.3 (0.6)	7-3/4 (197)	3-3/4 (95)
59117	3/16" (5)	.25 (186)	12,000	81.8 d(B)A	14 (396)	5/16"-24	1/4 (8)	1/4" NPT	1.3 (0.6)	6-1/2 (166)	3-3/4 (95)
59118	3/32" (2)	.25 (186)	12,000	81.8 d(B)A	14 (396)	5/16"-24	1/4 (8)	1/4" NPT	1.3 (0.6)	6-1/2 (166)	3-3/4 (95)

**Tune-Up Kit: No. 96510** (page 192) • Additional Specifications: Air Pressure 90 PSIG (6.2 Bar)



# Mesh Abrasive Systems

For Use with Random Orbital Sanders

**ABRASIVE CAPACITY**  
**MESH ABRASIVE DISCS**  
 3", 5", 6", 8" diameter  
 (76 mm, 127 mm, 152 mm, 203 mm)

Includes Unique Sanding Pad for Mesh-Style Abrasive Discs



## 3" HiVac Dynorbital-Spirit® Mesh Abrasive System

### Model 59119

- Includes 59116 HiVac Dynorbital-Spirit® (3" dia., 3/32" dia. orbit, Self-Generated Vacuum), 56144 Vacuum Pad (3" dia., short hook-face, medium density), "bag-in-bag" vacuum system, extra disposable vacuum bags and scratch-proof belt strap.



## 5" Dynorbital-Spirit® Mesh Abrasive System

### Model 58052

- Includes 58054 Dynorbital-Spirit® (5" dia., 3/16" dia. orbit, Self-Generated Vacuum) with 56320 Pad (5" dia., 44-hole, hook-face, medium density), "bag-in-bag" vacuum system, extra disposable vacuum bags and scratch-proof belt strap.



### Model 58054

- Dynorbital-Spirit® (5" dia., 3/16" dia. orbit, Self-Generated Vacuum) with 56320 Pad.

Model Number	Orbit Dia. Inch (mm)	Motor hp (W)	Motor RPM	Max. Air Flow SCFM (LPM)	Spindle Thread	Air Pressure PSIG (Bar)	Hose I.D. Size Inch (mm)	Air Inlet Thread	Weight lb (kg)	Length Inch (mm)	Height Inch (mm)
58054	3/16" (5)	.25 (186)	12,000	14 (396)	5/16"-24	90 (6.2)	1/4 (8)	1/4" NPT	1.3 (0.6)	8-1/2 (216)	3-1/2 (89)

Tune-Up Kit: No. 96510 (page 192)

## 6" Dynorbital-Spirit® Mesh Abrasive System

### Model 58053

- Includes 59028 Dynorbital-Spirit® (6" dia., 3/16" dia. orbit, Self-Generated Vacuum), 56321 Vacuum Pad (6" dia., 52-hole, hook-face, medium density), "bag-in-bag" vacuum system, extra disposable vacuum bags and scratch-proof belt strap.



## 8" Two-Hand Dynorbital® Mesh Abrasive System

### Model 58412

- Includes 58411 Two-Hand Dynorbital® (8" dia., 3/16" dia. orbit, Self-Generated Vacuum), 56322 Vacuum Pad (8" dia., 48-hole, short hook-face, medium density) and "Bag-in-Bag" Vacuum System.





# Dynorbital® Supreme

## Air-Powered Random Orbital Sander

ABRASIVE CAPACITY

## ABRASIVE DISCS

3-1/2" (89 mm), 5" (127 mm) and 6" (152 mm) diameter

The Tradition of Random Orbital Sanding Excellence Continues

### NEW! Comfort Platform



Now included on all palm-style Dynorbital-Spirit® and Dynorbital® Supreme Random Orbital Sanders!

- New Comfort Platform provides additional hand and wrist support, further enhancing operator comfort. Also offers increased protection against cold air exhaust. (NOTE: Comfort Platform is removable.)
- Comfort Platform also included on Dynabug® II! (See page 70.)

Order 59330 Comfort Platform separately, to install on existing tools!



### More Power

- All Dynorbital® Supreme models run at 12,000 RPM.
- Rotor utilizes five blades and produces more useable power. Composite rotor is stronger and has better lubricating qualities, enabling blades to last longer.

### Less Vibration

- Composite base has integrated rubber over-mold creating a non-slip feel, as well as insulating from cold.
- The air motor is suspended by vibration-absorbing rubber rings (Patent No. 5,319,888) to minimize vibration.

### Triple-Sealed Balancer Bearing

- Triple-sealed front double row balancer bearing (Patent No. 4,854,085) is guarded from sanding residue for long life and lower maintenance; easy replacement using 57098 Repair Kit.

### Anti-Clog Vacuum Design

- Anti-clog design (Patent No. 5,319,888) enhances the vacuum pick-up on self-generated and central vacuum models. Dust particles are directed away from the air motor (reducing contamination) following a smoother, easier path of extraction.



Remember the rule of "start ON, stop OFF." Place the tool ON the work surface before starting it, and move running tool OFF the surface before stopping it. This will help to prevent unwanted swirl marks.

Model Number	Motor hp (W)	Motor RPM	Vacuum Style	Tool Dia. Inch (mm)	Dia. Orbit Inch (mm)	Sound Level	Air Flow Rate SCFM (LPM)	Weight Pound (kg)	Length Inch (mm)	Height Inch (mm)
56800	.28 (209)	12,000	Non-Vac	3-1/2 (89)	3/16" (5)	76 dB(A)	18 (510)	2.1 (1.0)	6 (152)	3-3/4 (95)
56815	.28 (209)	12,000	Non-Vac	5 (127)	3/16" (5)	78 dB(A)	18 (510)	2.1 (1.0)	6-1/2 (165)	3-5/8 (92)
56826	.28 (209)	12,000	Non-Vac	6 (152)	3/16" (5)	79 dB(A)	18 (510)	2.2 (1.0)	7 (178)	3-1/2 (89)
56840	.28 (209)	12,000	Non-Vac	3-1/2 (89)	3/32" (2)	76 dB(A)	18 (510)	2.1 (1.0)	6 (152)	3-3/4 (95)
56850	.28 (209)	12,000	Non-Vac	5 (127)	3/32" (2)	78 dB(A)	18 (510)	2.1 (1.0)	6-1/2 (165)	3-5/8 (92)
56859	.28 (209)	12,000	Non-Vac	6 (152)	3/32" (2)	79 dB(A)	18 (510)	2.2 (1.0)	7 (178)	3-1/2 (89)
56803	.28 (209)	12,000	Self-Gen	3-1/2 (89)	3/16" (5)	83 dB(A)	18 (510)	2.1 (1.0)	8-1/4 (210)	3-3/4 (95)
56818	.28 (209)	12,000	Self-Gen	5 (127)	3/16" (5)	81 dB(A)	18 (510)	2.1 (1.0)	8-1/2 (216)	3-5/8 (92)
56829	.28 (209)	12,000	Self-Gen	6 (152)	3/16" (5)	79 dB(A)	18 (510)	2.2 (1.0)	9 (229)	3-1/2 (89)
56843	.28 (209)	12,000	Self-Gen	3-1/2 (89)	3/32" (2)	83 dB(A)	18 (510)	2.1 (1.0)	8-1/4 (210)	3-3/4 (95)
56853	.28 (209)	12,000	Self-Gen	5 (127)	3/32" (2)	81 dB(A)	18 (510)	2.1 (1.0)	8-1/2 (216)	3-5/8 (92)
56862	.28 (209)	12,000	Self-Gen	6 (152)	3/32" (2)	79 dB(A)	18 (510)	2.2 (1.0)	9 (229)	3-1/2 (89)
56804	.28 (209)	12,000	Central	3-1/2 (89)	3/16" (5)	76 dB(A)	18 (510)	2.1 (1.0)	7 (178)	3-3/4 (95)
56819	.28 (209)	12,000	Central	5 (127)	3/16" (5)	78 dB(A)	18 (510)	2.2 (1.0)	7-1/4 (184)	3-5/8 (92)
56830	.28 (209)	12,000	Central	6 (152)	3/16" (5)	79 dB(A)	18 (510)	2.2 (1.0)	7-3/4 (197)	3-1/2 (89)
56844	.28 (209)	12,000	Central	3-1/2 (89)	3/32" (2)	76 dB(A)	18 (510)	2.1 (1.0)	7 (178)	3-3/4 (95)
56854	.28 (209)	12,000	Central	5 (127)	3/32" (2)	78 dB(A)	18 (510)	2.2 (1.0)	7-1/4 (184)	3-5/8 (92)
56863	.28 (209)	12,000	Central	6 (152)	3/32" (2)	79 dB(A)	18 (510)	2.2 (1.0)	7-3/4 (197)	3-1/2 (89)

Additional Specifications for All Models: Air Inlet Thread 1/4" NPT • Hose I.D. Size 1/4" (6 mm) • Thread 5/16"-24 Female • Air Pressure 90 PSIG (6.2 Bar)

Tune-Up Kit: No. 96024 (page 192)



**FASTTRACK**

Sanding Pads: Page 164 • Abrasive Discs: Page 215

# Dynorbital® Supreme

## Air-Powered Random Orbital Sander

**ABRASIVE CAPACITY**  
**ABRASIVE DISCS**  
 3-1/2" (89 mm), 5" (127 mm)  
 and 6" (152 mm) diameter

The Tradition of Random Orbital Sanding Excellence Continues

### Non-Vacuum

- Includes low profile, premium urethane weight-mated sanding pad.
- Optional vacuum conversion kits available, to easily convert non-vacuum tool to self-generated vacuum tool or central vacuum tool (see page 155).

Pad Diameter Inch (mm)	3/16" Orbit Models	3/32" Orbit Models
3-1/2" (89 mm)	56800	56840
5" (127 mm)	56815	56850
6" (152 mm)	56826	56859



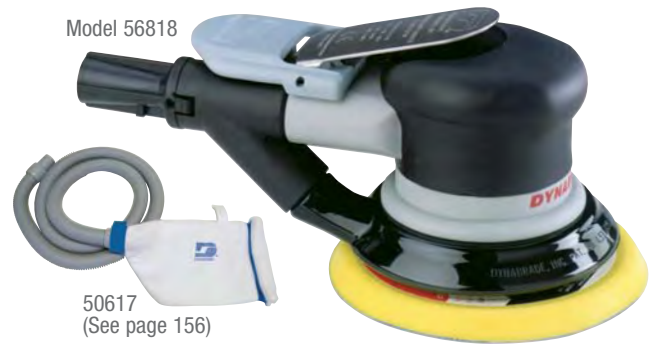
Model 56815

See page 164 for Dynabrade High Quality Sanding Pads!

### Self-Generated Vacuum

- Includes low profile, premium urethane weight-mated sanding pad.
- Ready for connection to optional portable self-contained dust collection system (50617 shown; see page 156).

Pad Diameter Inch (mm)	3/16" Orbit Models	3/32" Orbit Models
3-1/2" (89 mm)	56803	56843
5" (127 mm)	56818	56853
6" (152 mm)	56829	56862



Model 56818

50617 (See page 156)

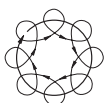
### Central Vacuum

- Includes low profile, premium urethane weight-mated sanding pad.
- Has 1" outside diameter vacuum port, for easy connection to central vacuum system.

Pad Diameter Inch (mm)	3/16" Orbit Models	3/32" Orbit Models
3-1/2" (89 mm)	56804	56844
5" (127 mm)	56819	56854
6" (152 mm)	56830	56863



Model 56819



**3/16" (5 mm) Dia. Orbit**  
 For General Sanding

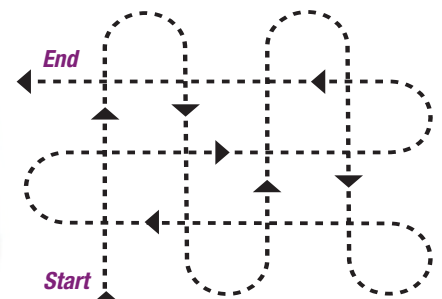


**3/32" (2.5 mm) Dia. Orbit**  
 For Ultra-Fine Sanding



For efficient random orbital sanding and uniform finish, move the tool in "north-to-south" pattern, then change to "east-to-west" pattern. Be sure to sand complete surface in each pattern.

Remember the rule of "start ON, stop OFF." Place the tool ON the work surface before starting it, and move running tool OFF the surface before stopping it. This will help to prevent unwanted swirl marks.



# Two-Hand Dynorbital®

## Air-Powered Random Orbital Sander

**ABRASIVE CAPACITY**  
**ABRASIVE DISCS**  
 5" (127 mm), 6" (152 mm) and  
 8" (203 mm) diameter

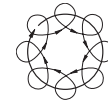
### For Comfortable, Controlled Two-Hand Operation

- Long handle provides excellent comfort and control, especially when working on vertical sides of workpiece.
- All models include premium urethane weight-mated sanding pad.

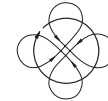
### Non-Vacuum

- 5" and 6" models are 12,000 RPM. Pads have 5/16"-24 male spindle.
- 8" models are 10,000 RPM. Pads mount with 5 screws.

Pad Diameter Inch (mm)	3/16" Orbit Models	3/8" Orbit Models
5 (127)	58400	58415
6 (152)	58405	58418
8 (203)	58410	–



**3/16" (5 mm) Dia. Orbit**  
 For General Sanding



**3/8" (10 mm) Dia. Orbit**  
 For Aggressive Sanding

### Self-Generated Vacuum

- Self-generated vacuum models are ready for connection to optional portable dust collection system (54218 shown, see page 156).
- Vacuum port accepts 1-1/4" diameter hose cuff for increased vacuum flow (no overskirt shroud is included).
- Not recommended for use with external or central vacuum system.

Pad Diameter Inch (mm)	3/16" Orbit Models	3/8" Orbit Models
5 (127)	58401	58416
6 (152)	58406	58419
8 (203)	58411	–



### Central Vacuum

- Ready for connection to external or central vacuum system.
- All models include combination lip seal/overskirt shroud, for enhanced vacuum capability and greater workpiece visibility.
- 6" diameter models include 1" outside diameter vacuum port.
- 8" diameter model includes 2" outside diameter vacuum port.

Pad Diameter Inch (mm)	3/16" Orbit Models	3/8" Orbit Models
6 (152)	58409	58420
8 (203)	58414	–



Model Number	Motor hp (W)	Motor RPM	Pad Dia. Inch (mm)	Sound Level	Maximum Air Flow SCFM (LPM)	Hose I.D. Size Inch (mm)	Air Inlet Thread	Weight Pound (kg)	Length Inch (mm)	Height Inch (mm)
58400/58415	.45 (336)	12,000	5 (127)	81 dB(A)	23 (651)	1/4 (6)	1/4" NPT	2.5 (1.2)	11-1/16 (280)	4-15/16 (126)
58401/58416	.45 (336)	12,000	5 (127)	84 dB(A)	23 (651)	1/4 (6)	1/4" NPT	2.5 (1.1)	11-1/16 (280)	4-15/16 (126)
58405/58418	.45 (336)	12,000	6 (152)	81 dB(A)	23 (651)	1/4 (6)	1/4" NPT	2.6 (1.2)	11-3/8 (288)	4-15/16 (126)
58406/58419	.45 (336)	12,000	6 (152)	83 dB(A)	23 (651)	1/4 (6)	1/4" NPT	2.5 (1.2)	11-3/8 (288)	4-15/16 (126)
58409/58420	.45 (336)	12,000	6 (152)	83 dB(A)	23 (651)	1/4 (6)	1/4" NPT	2.7 (1.2)	11-3/8 (288)	4-15/16 (126)
58410	.45 (336)	10,000	8 (203)	81 dB(A)	23 (651)	1/4 (6)	1/4" NPT	4.0 (1.8)	12-1/2 (319)	5-5/8 (142)
58411	.45 (336)	10,000	8 (203)	85 dB(A)	23 (651)	1/4 (6)	1/4" NPT	4.0 (1.8)	12-1/2 (319)	5-5/8 (142)
58414	.45 (336)	10,000	8 (203)	84 dB(A)	23 (651)	1/4 (6)	1/4" NPT	4.2 (1.9)	12-1/2 (319)	5-5/8 (142)

Additional Specifications: Air Pressure 90 PSIG (6.2 Bar) • Thread 5/16"-24 Female • 8" models mount with 5 screws

Tune-Up Kit: 5", 6" Models: **No. 98220** (page 192); 8" Models: **No. 98221** (page 192)





# Two-Hand Dynorbital®

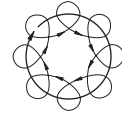
## Air-Powered Random Orbital Sander

**ABRASIVE CAPACITY**  
**ABRASIVE DISCS**  
 5" (127 mm) diameter

For Comfortable, Controlled Two-Hand Operation

### Model 57101 Low Profile Model

- Unique low profile two-hand model is weight-mated to 5" diameter sanding pad.
- 56106 Non-Vacuum, vinyl-face pad included.
- Also includes convenient 97166 Hanger.
- A versatile, lightweight two-hand random orbital sander.



**3/16" (5 mm) Dia. Orbit**  
 For General Sanding

Model Number	Motor hp (W)	Motor RPM	Orbit Dia. Inch (mm)	Pad Dia. Inch (mm)	Sound Level	Maximum Air Flow SCFM (LPM)	Hose I.D. Size Inch (mm)	Air Inlet Thread	Weight Pound (kg)	Length Inch (mm)	Height Inch (mm)
57101	.2 (149)	12,000	3/16 (5)	5 (127)	79 dB(A)	28 (793)	3/8 (10)	1/4" NPT	2.1 (.98)	8-5/16 (211)	3-3/4 (96)

Tune-Up Kit: No. 96537 (page 192) • Additional Specifications: Air Pressure 90 PSIG (6.2 Bar) • Thread 5/16"-24 Female

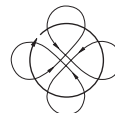
# 11" Diameter Dynorbital®

## Air-Powered Random Orbital Sander

**ABRASIVE CAPACITY**  
**ABRASIVE DISCS**  
 11-1/4" (286 mm) diameter

Large Diameter Sanders Cover More Area in Less Time

- Powerful .7 hp air motor (2,500 RPM) offers power and efficiency.
- Proportionate 3/4" dia. orbit in relation to pad size assures swirl-free finish on a variety of surfaces.
- Both models include 56231 Hook-Face Sanding Pad, for abrasive discs 11-1/4" in diameter. Pad is weight-mated to tool, further reducing tool vibration levels.
- Tools include reversible Side Handle (18553), which further adds to operator comfort.
- See page 59 for electric models.



**3/4" (19 mm) Dia. Orbit**  
 Achieve a Swirl-Free Finish

### Model 58480 Non-Vacuum

- For use with optional non-vacuum abrasive discs. Abrasive disc covers pad holes, for non-vacuum use.



### Model 58485 Central Vacuum

- For use with optional "O" style abrasive discs, which allow dust to be drawn up through pad holes.
- Vacuum shroud has 1-1/4" outside diameter port, for connection to external or central vacuum system.



Model Number	Motor hp (W)	Motor RPM	Sound Level	Maximum Air Flow SCFM (LPM)	Hose I.D. Size Inch (mm)	Air Inlet Thread	Air Pressure PSIG (Bar)	Weight Pound (kg)	Length Inch (mm)	Height Inch (mm)
58480	.7 (522)	2,500	87 dB(A)	27 (765)	3/8 (10)	1/4" NPT	90 (6.2)	8.3 (3.7)	17 (432)	6 (152)
58485	.7 (522)	2,500	87 dB(A)	27 (765)	3/8 (10)	1/4" NPT	90 (6.2)	9.1 (4.1)	17 (432)	6 (152)

Tune-Up Kit: No. 98224 (page 192)



# Palm-Style Mini-Dynorbital®

## Air-Powered Random Orbital Sander

**ABRASIVE DISCS**  
3/4" (19 mm) and  
1-1/2" (38 mm) diameter

**Excellent for Dust Nib Repair on Clearcoat**

- Random orbital action provides ultra-smooth finishes on wood and coated surfaces. Sanding head provides the "random action."
- Also excellent on metal and composites. Ideal for finesse sanding.
- Weighs only 1.7 lbs., for great operator comfort and control.

**Model 57500 5,000 RPM**

- Includes 54034 Sanding Head (accepts sanding pads with 1/4"-20 female thread).
- Includes 3/4" dia. pad (54017) and 1-1/4" dia. pad (54018) with sample micro-finishing film abrasive discs. Confines sanding to smallest possible area.



Model 57500

**Model 57504 7,500 RPM**

- Includes 54034 Sanding Head (accepts sanding pads with 1/4"-20 female thread).
- Includes 1/4" dia. pad (54018).

Right:  
Mini-Dynorbital®  
at work repairing  
a dust nib on  
clearcoat.

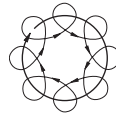


Model 57503

**Model 57503 5,000 RPM**

**Model 57502 7,500 RPM**

- Each model includes 54035 Sanding Head (accepts sanding pads with male locking-type threads such as 3M Roloc™).
- Includes 1-1/4" dia. Roloc™ Sanding Pad (54033).
- Model 57503 is used as part of Dynabrade "Two-Step" Polishing System, by automobile original equipment manufacturers (OEM's). See page 83.



**3/16" (5 mm) Dia. Orbit**  
(All models on page)



Model 57503

**57501 Versatility Kit**

- Includes: 57500 Mini-Dynorbital air tool; assortment of 3/4" and 1-1/4", 1/4"-20 female thread sanding pads for adhesive-backed and non-woven nylon discs; and an assortment of 3/4" and 1-1/4" coated silicon carbide and abrasive impregnated non-woven nylon discs.



Model 57501

Roloc is a registered trademark of 3M Company.

Model Number	Motor hp (W)	Motor RPM	Orbit Dia. Inch (mm)	Pad Dia. Inch (mm)	Sound Level	Maximum Air Flow SCFM (LPM)	Hose I.D. Size Inch (mm)	Air Inlet Thread	Weight Pound (kg)	Length Inch (mm)	Height Inch (mm)
57500	.05 (37)	5,000	3/16 (5)	3/4 (19), 1-1/4 (32)	70 dB(A)	6 (170)	1/4 (6)	1/4" NPT	1.7 (0.8)	5 (127)	3-5/8 (92)
57502	.05 (37)	7,500	3/16 (5)	3/4 (19), 1-1/4 (32)	70 dB(A)	6 (170)	1/4 (6)	1/4" NPT	1.7 (0.8)	5 (127)	3-5/8 (92)
57503	.05 (37)	5,000	3/16 (5)	3/4 (19), 1-1/4 (32)	70 dB(A)	6 (170)	1/4 (6)	1/4" NPT	1.7 (0.8)	5 (127)	3-5/8 (92)
57504	.05 (37)	7,500	3/16 (5)	3/4 (19), 1-1/4 (32)	70 dB(A)	6 (170)	1/4 (6)	1/4" NPT	1.7 (0.8)	5 (127)	3-5/8 (92)

**Tune-Up Kit: No. 96109** (page 192) • Additional Specifications: Air Pressure 90 PSIG (6.2 Bar) • Tool Thread 1/4"-20 Male



# 7° Offset Mini-Dynorbital® Air-Powered Random Orbital Sander

**ABRASIVE CAPACITY**  
**ABRASIVE DISCS**  
 3/4" (19 mm) and  
 1-1/2" (38 mm) diameter

**Excellent for Repairing Dust Nibs on Clearcoat**

- Ideal for finesse sanding.
- Optional side handle available. Order 13141 Handle/Collar Assembly.

## Model 51410 3,200 RPM

- Includes 54034 Sanding Head (accepts 3" and smaller diameter sanding pads with 1/4"-20 female thread).
- Includes 54018 Pad (1-1/4" diameter) "medium" density, with sample adhesive-backed 9-micron micro-finishing film discs. Pad has 1/4"-20 female thread which mounts to tool's sanding head.



Model 51410

## Model 51411 3,200 RPM

## Model 51412 5,000 RPM

- Includes 54035 Sanding Head (accepts 3" and smaller dia. sanding pads with male locking-type threads, such as 3M Roloc).
- Includes 54031 "soft" density, male locking-type pad, which accepts adhesive-backed micro-finishing film discs.



Model 51411



**3/16" (5 mm) Dia. Orbit**  
 (All models on page)

## 51415 Versatility Kit *Four Tools In One!*

- Two mini-random orbital sanders, 1/4" die grinder and 3-1/2" disc sander.
- Includes: 3,200 RPM air tool; 54034 and 54035 Random Orbital Sanding Heads; assortment of sanding pads for adhesive-backed discs, 50010 Collet, 50126 Backup Pad, assortment of abrasives and wrenches.



The 51415 Versatility Kit provides the flexibility of two mini-random orbital sanders, 1/4" die grinder and a 3-1/2" disc sander.



Roloc is a registered trademark of 3M Company.

Model Number	Motor hp (W)	Motor RPM	Sound Level	Maximum Air Flow SCFM (LPM)	Hose I.D. Size Inch (mm)	Air Inlet Thread	Tool Thread	Weight Pound (kg)	Length Inch (mm)	Height Inch (mm)
51410	.4 (298)	3,200	79 dB(A)	24 (680)	1/4 (6)	1/4" NPT	3/8"-24 Male	1.8 (.8)	8 (203)	5-1/2 (140)
51411	.4 (298)	3,200	79 dB(A)	24 (680)	1/4 (6)	1/4" NPT	3/8"-24 Male	1.8 (.8)	8 (203)	5-1/2 (140)
51412	.4 (298)	5,000	79 dB(A)	24 (680)	1/4 (6)	1/4" NPT	3/8"-24 Male	1.8 (.8)	8 (203)	5-1/2 (140)

**Tune-Up Kit: No. 96174** (page 192) • Additional Specifications: Air Pressure 90 PSIG (6.2 Bar)





# Angle-Head Mini-Dynorbital®

## Air-Powered Random Orbital Sander

**ABRASIVE CAPACITY**  
**ABRASIVE DISCS**  
 3/4" (19 mm) and  
 1-1/2" (38 mm) diameter

**Excellent for Repairing Dust Nibs on Clearcoat**

- Built-in speed regulator, rear exhaust muffler, lever throttle.
- Sample 9-micron micro-finishing film discs are included.
- Optional 54585 Side Handle Assembly available.

### Model 53400 3,200 RPM

- 54028 Random Orbital Sanding Head accepts sanding pads with 1/4"-20 female thread.
- Includes 1-1/4" dia. medium density pad (54018), which has 1/4"-20 female thread and mounts to sanding head.

### Model 53401 3,200 RPM

- 54029 Random Orbital Sanding Head accepts male locking-type Roloc™ pads.
- Includes 1-1/4" dia. soft density locking-type pad (54031), which has male locking-type thread and mounts to sanding head.



Model 53400



Model 53400



**3/16" (5 mm)  
Dia. Orbit**  
 (All models on page)

Angle-Head Mini-Dynorbital® can be used with Dynabrade Sanding Creme and Glaze.

### 53402 Angle-Head Versatility Kit

- Includes: 3,200 RPM air tool (not shown), 54028 Random Orbital Sanding Head, 54029 Random Orbital Sanding Head, 54018 Sanding Pad, 54021 Adapter, sample 2" dia. sanding discs, 54030 Locking-Type Rotary Sanding Head, 50055 Collet (1/4").  
 Not shown: Abrasives – 3/4" and 1-1/4" dia. 9-micron (1000-grit) micro-finishing film discs; assorted wrenches.
- Tool also accepts 1/4"-28 threaded drill bits (not included).



Model 53402

### 53403 Sander/Buffer Versatility Kit

- Includes: 3,200 RPM air tool, 54028 Random Orbital Sanding Head, 50120 Hook 'n Loop Pad for Bonnets, 54018 Sanding Pad, 54021 Adapter, 90028 Wool Bonnet, assorted wrenches, 90027 Terry Cloth Bonnet, 95723 Finesse Sanding Creme, 95727 Dynabrade Glaze, 54017 Sanding Pad and sample abrasives.



Model 53403



Dynaswivel® air line connector is ideal for use with most air tools. The Dynaswivel® improves tool maneuverability, minimizes operator fatigue and extends hose life. (See page 163.)



Roloc is a registered trademark of 3M Company.

Model Number	Motor hp (W)	Motor RPM	Sound Level	Maximum Air Flow SCFM (LPM)	Hose I.D. Size Inch (mm)	Air Inlet Thread	Tool Thread	Weight Pound (kg)	Length Inch (mm)	Height Inch (mm)
53400	.4 (298)	3,200	83 dB(A)	21 (595)	1/4 (6)	1/4" NPT	1/4"-28 Female	1.9 (.9)	10-7/8 (276)	2-3/4 (70)
53401	.4 (298)	3,200	83 dB(A)	21 (651)	1/4 (6)	1/4" NPT	1/4"-28 Male	1.9 (.9)	10-7/8 (276)	2-3/4 (70)

**Tune-Up Kit: No. 96333** (page 192) • Additional Specifications: Air Pressure 90 PSIG (6.2 Bar)



# Right Angle Mini-Dynorbital®

## Air-Powered Random Orbital Sander

**ABRASIVE CAPACITY**  
**ABRASIVE DISCS**  
 3/4" (19 mm) and  
 1-1/2" (38 mm) diameter

**Ideal for Simple Spot Repair on Painted Surfaces**

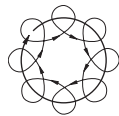
- Built-in speed regulator, rear exhaust muffler, lever throttle.
- Heavy duty gear head.
- Includes sample 9-micron micro-finishing film discs.
- Optional 54585 Side Handle Assembly available.

### Model 53415 3,200 RPM

- Includes 54029 Sanding Head (accepts 3" and smaller dia. sanding pads with male locking-type threads such as 3M Roloc).
- Includes 54031 soft density male locking-type pad, which accepts adhesive-backed micro-finishing film discs.

### Model 53417 3,200 RPM

- 54028 Random Orbital Sanding Head accepts sanding pads with 1/4"-20 female thread.
- Includes 1-1/4" dia. medium density locking-type pad (54018), which has 1/4"-20 female thread which mounts to sanding head.



**3/16" (5 mm) Dia. Orbit**  
 (All models on page)



Model 53415



Model 53415

### 53465 Sander/Buffer Versatility Kit

- All that is needed for quick, simple spot repair on a variety of surfaces.
- Includes: Model 53417 Air Tool (3,200 RPM) with 54028 Random Orbital Sanding Head; 54021 Adapter (1/4"-28 to 1/4"-20 male); 54017 Vinyl Sanding Pad (3/4" dia.) 54018 Vinyl Sanding Pad (1-1/4" dia.); 50120 Hook-Face Pad (3" dia.); 90027 Terry Cloth Bonnet (3" dia.); 90028 Wool Buffering Pad (3" dia.); 95727 Dynabrade Glaze; 95723 Finesse Sanding Creme; 95848 Gear Oil; 95542 Grease; two 95541 Grease Guns; 95262 Wrench (14 mm); 95281 Wrench (19 mm); and sample abrasives.



Model 53465



Dynaswivel® air line connector is ideal for use with most air tools. The Dynaswivel® improves tool maneuverability, minimizes operator fatigue and extends hose life. (See page 163.)

Roloc is a registered trademark of 3M Company.

Model Number	Motor hp (W)	Motor RPM	Sound Level	Maximum Air Flow SCFM (LPM)	Hose I.D. Size Inch (mm)	Air Inlet Thread	Tool Thread	Weight Pound (kg)	Length Inch (mm)	Height Inch (mm)
53415	.4 (298)	3,200	84 dB(A)	21 (595)	1/4 (6)	1/4" NPT	1/4"-28 Male	1.9 (.9)	7 (289)	2-3/4 (70)
53417	.4 (298)	3,200	84 dB(A)	21 (595)	1/4 (6)	1/4" NPT	1/4"-28 Male	1.9 (.9)	7 (289)	2-3/4 (70)

Tune-Up Kit: No. 96333 (page 192) • Additional Specifications: Air Pressure 90 PSIG (6.2 Bar)





# Electric Dynorbital<sup>®</sup>

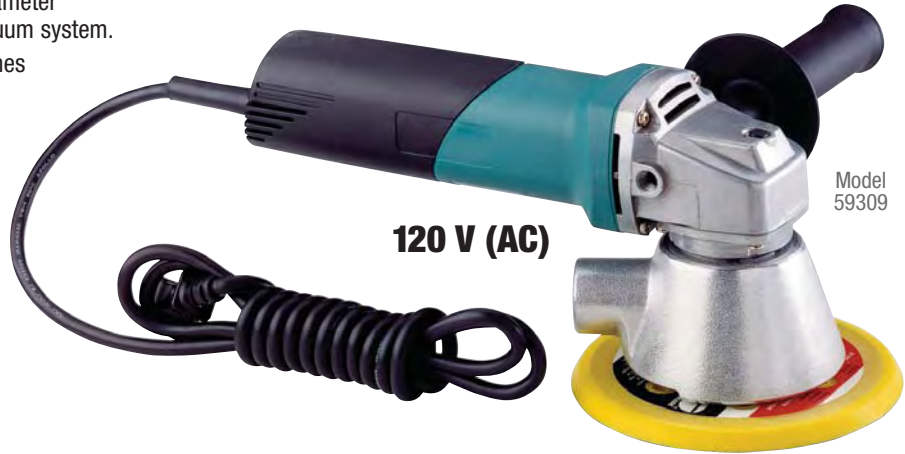
## 120 Volt Electric-Powered Random Orbital Sander

**ABRASIVE CAPACITY**
**ABRASIVE DISCS**

5" (127 mm) and 6" (152 mm) diameter

**Ready for Connection to Central Vacuum System**

- Central Vacuum models have 1-1/4" outside diameter vacuum port for easy connection to central vacuum system.
- All models include a vacuum shroud that becomes operational when vacuum style pad (included) is mounted.
- Double-insulated electric motor with 8 ft. cord connects to standard 120 volt outlet.
- Repositionable side handle for left or right hand operation.


**5" Diameter Models, Central Vacuum**
**Model 59306 3/8" Dia. Orbit**

- Includes 56104 Vinyl-Face Vacuum Pad.

**Model 59307 3/16" Dia. Orbit**

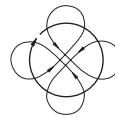
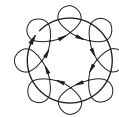
- Includes 56104 Vinyl-Face Vacuum Pad.

**6" Diameter Models, Central Vacuum**
**Model 59308 3/8" Dia. Orbit**

- Includes 56105 Vinyl-Face Vacuum Pad.

**Model 59309 3/16" Dia. Orbit**

- Includes 56105 Vinyl-Face Vacuum Pad.


**3/8" (10 mm) Dia. Orbit**  
*For Aggressive Sanding*

**3/16" (5 mm) Dia. Orbit**  
*For General Sanding*


For efficient random orbital sanding and uniform finish, move the tool in "north-to-south" pattern, then change to "east-to-west" pattern. Be sure to sand complete surface in each pattern.

Remember the rule of "start ON, stop OFF." Place the tool ON the work surface before starting it, and move running tool OFF the surface before stopping it. This will help to prevent unwanted swirl marks.



Model Number	Motor hp (W)	Motor RPM	Pad Diameter Inch (mm)	Voltage	Current	Phase	Frequency	Weight Pound (kg)	Length Inch (mm)	Height Inch (mm)
59306	.8 (596)	11,600	5 (127)	120 V (AC)	6.8 Amps	1	60 Hz	5 (2.3)	12 (305)	5-1/2 (140)
59307	.8 (596)	11,600	6 (152)	120 V (AC)	6.8 Amps	1	60 Hz	5 (2.3)	12 (305)	5-1/2 (140)
59308	.8 (596)	11,600	5 (127)	120 V (AC)	6.8 Amps	1	60 Hz	5 (2.3)	12-1/2 (318)	5-1/2 (140)
59309	.8 (596)	11,600	6 (152)	120 V (AC)	6.8 Amps	1	60 Hz	5 (2.3)	12-1/2 (318)	5-1/2 (140)

**Tune-Up Kit: No. 42735** (page 192) • Additional Specifications: Tool Thread 5/16"-24 Male


**FASTTRACK**

Sanding Pads: Page 164 • Abrasive Discs: Page 215



# 11" Dia. Electric Dynorbital®

## 120 Volt Electric-Powered Random Orbital Sander

**ABRASIVE CAPACITY**  
**ABRASIVE DISCS**  
 11-1/4" (286 mm) diameter

**Large Diameter Sanders Cover More Area in Less Time**

- Proportionate 3/4" dia. orbit in relation to pad size assures swirl-free finish on a variety of surfaces.
- All models include 56231 Hook-Face Sanding Pad, for abrasive discs 11-1/4" in diameter. Pad is weight-mated to tool, further reducing tool vibration levels.
- Variable speed dialing for quick and easy RPM adjustments.
- Variable speed trigger allows feather-touch adjustment of tool speed.
- "Lock in" desired speed with Lock Set Button.
- Easy brush replacement for quick on-site maintenance.
- Double-insulated housing for protection against electric shock.
- Tools include reversible Side Handle (18553), which adds to operator comfort.



Model 51612

Above: 11" Diameter Electric Dynorbital® covers large areas on solid surface materials.



**120 V (AC)**

Model 51612

**Model 51612 Non-Vacuum**

- For use with optional non-vacuum abrasive discs. Abrasive disc covers pad holes, for non-vacuum use.

**Model 51613 Central Vacuum**

- For use with optional "O" style abrasive discs, which allow dust to be drawn up through pad holes.
- Vacuum shroud has 1-1/4" (32 mm) outside diameter port, for connection to external (central) vacuum system.



Model 51613

Above: Central Vacuum tool offers efficient collection of dust and debris.



**3/4" (19 mm) Dia. Orbit**  
 (All models on page)



For efficient random orbital sanding and uniform finish, move the tool in "north-to-south" pattern, then change to "east-to-west" pattern. Be sure to sand complete surface in each pattern.

Remember the rule of "start ON, stop OFF." Place the tool ON the work surface before starting it, and move running tool OFF the surface before stopping it. This will help to prevent unwanted swirl marks.



Model 51613

**120 V (AC)**

Model Number	Motor RPM	Pad Dia. Inch (mm)	Sound Level	Voltage	Current	Phase	Frequency	Weight Pound (kg)	Length Inch (mm)	Height Inch (mm)
51612	0 - 3,000	11 (279)	88 dB(A)	120 V (AC)	9 Amp.	1	60 Hz	11.3 (50)	21 (531)	7-5/16 (186)
51613	0 - 3,000	11 (279)	88 dB(A)	120 V (AC)	9 Amp.	1	60 Hz	12.5 (56)	21-1/2 (547)	7-5/16 (186)





# ***Gear-Driven & Finishing Sanders***

DynaLocke® .....	61	Dynabug® "Model T" Sander .....	67
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***Continued Leadership In Portable Abrasive Power Tool Technology***

***[www.dynabrade.com](http://www.dynabrade.com)***



# DynaLocke®

## Air-Powered Dual-Action Sander

**ABRASIVE CAPACITY**  
**ABRASIVE DISCS**  
 3" (76 mm), 3-1/2" (89 mm),  
 5" (127 mm) and 6" (152 mm)  
 diameter

**Combination Disc Sander and Random Orbital Sander**

- 12,000 RPM DynaLocke® is truly "two tools in one," easily changing from a rotary Disc Sander to Random Orbital Sander with the flip of a switch.
- Ideal for metal applications; great on composite materials. Excellent for automotive work, such as paint stripping and blending. Also utilized for leveling glue seams on Corian® and other solid surfaces.
- Switch is recessed within tool grip to prevent accidental engaging.

**Non-Vacuum**

**Model 58460 3" Diameter**

- Includes low profile, premium urethane sanding pad.

**Model 58465 3-1/2" Diameter**

- Includes low profile, premium urethane sanding pad.

**Model 58430 5" Diameter**

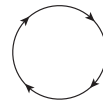
- Includes low profile, premium urethane sanding pad.

**Model 58435 6" Diameter**

- Includes low profile, premium urethane sanding pad.



**Rotary Motion**  
 For Stripping and Blending



**3/16" (5 mm) Dia. Random Orbit**  
 For Swirl-Free Finishes



**Self-Generated Vacuum**

- Self-Generated Vacuum models are ready for connection to optional portable dust collection system (see page 156).
- Tool has 1-1/4" outside diameter vacuum port, allowing increased air flow.
- Designed to vacuum in random orbital mode only.



**Model 58461 3" Diameter**

- Includes low profile, premium urethane sanding pad.

**Model 58466 3-1/2" Diameter**

- Includes low profile, premium urethane sanding pad.

**Model 58431 5" Diameter**

- Includes low profile, premium urethane sanding pad.

**Model 58436 6" Diameter**

- Includes low profile, premium urethane sanding pad.



*DynaLocke® is ideal for leveling glue squeeze on solid surfaces.*

Corian is a trademark of DuPont

Model Number	Motor hp (W)	Motor RPM	Pad Dia. Inch (mm)	Sound Level	Maximum Air Flow SCFM (LPM)	Hose I.D. Size Inch (mm)	Air Inlet Thread	Tool Thread	Weight Pound (kg)	Length Inch (mm)	Height Inch (mm)
58460	.45 (336)	12,000	3 (76)	78 dB(A)	23 (651)	1/4 (6)	1/4" NPT	5/16"-24 Female	2.35 (1.0)	10-5/16 (263)	5-3/8 (137)
58461	.45 (336)	12,000	3 (76)	78 dB(A)	23 (651)	1/4 (6)	1/4" NPT	5/16"-24 Female	2.35 (1.0)	10-5/16 (263)	5-3/8 (137)
58465	.45 (336)	12,000	3-1/2 (89)	78 dB(A)	23 (651)	1/4 (6)	1/4" NPT	5/16"-24 Female	2.35 (1.0)	10-5/16 (263)	5-3/8 (137)
58466	.45 (336)	12,000	3-1/2 (89)	78 dB(A)	23 (651)	1/4 (6)	1/4" NPT	5/16"-24 Female	2.35 (1.0)	10-5/16 (263)	5-3/8 (137)
58430	.45 (336)	12,000	5 (127)	82 dB(A)	23 (651)	1/4 (6)	1/4" NPT	5/16"-24 Female	2.7 (1.2)	11-1/16 (280)	5-1/8 (131)
58431	.45 (336)	12,000	5 (127)	82 dB(A)	23 (651)	1/4 (6)	1/4" NPT	5/16"-24 Female	2.6 (1.2)	11-1/16 (280)	5-1/8 (131)
58435	.45 (336)	12,000	6 (152)	82 dB(A)	23 (651)	1/4 (6)	1/4" NPT	5/16"-24 Female	2.8 (1.3)	11-1/2 (293)	5-1/8 (131)
58436	.45 (336)	12,000	6 (152)	85 dB(A)	23 (651)	1/4 (6)	1/4" NPT	5/16"-24 Female	2.7 (1.2)	11-1/2 (293)	5-1/8 (131)

**Tune-Up Kit: No. 98220** (page 192) • Additional Specifications: Air Pressure 90 PSIG (6.2 Bar)



**FASTTRACK**

Portable Dust Collection System: Page 156 • Abrasive Discs: Page 215 • Sanding Pads: Page 164



# Gear-Driven Sanders

*Air-Powered, 5", 6" and 8" Diameters*

ABRASIVE  
CAPACITY

## ABRASIVE DISCS

5" (127 mm), 6" (152 mm) and  
8" (203 mm) diameter

### 900 RPM Sanders for Aggressive Removal Applications

- Unique epicycloidal sanding action allows aggressive removal of material.
- Applications include removal and leveling of large amounts of filler materials such as glue or epoxy; leveling small welds; removing coatings. For use on materials including metal, solid surfaces, wood and fiberglass.
- Ergonomically designed for low vibration and reduced sound levels.
- Excellent comfort and control, especially when working on vertical sides or large tabletops. Long handle allows for two-hand support of tool.



Gear-Driven Sanders may be used for heavy stock removal on wood filler applications, and to remove small welds prior to painting.

### Non-Vacuum

#### Model 58441 5" Diameter

- Includes low profile, premium urethane sanding pad.

#### Model 58442 6" Diameter

- Includes low profile, premium urethane sanding pad.

#### Model 58445 8" Diameter

- Includes low profile, premium urethane sanding pad.

### Central Vacuum

- Central Vacuum models are designed for use with central vacuum system or external vacuum source.
- Includes combination lip-seal shroud/overskirt, which allows greater workpiece visibility and enhanced vacuum capability.
- Dust is extracted away from air motor (reducing contamination) for a smoother, easier path of extraction.
- Anti-clog design for efficient sanding of damp filler material.

#### Model 58443 6" Diameter

- Includes low profile, premium urethane sanding pad (6 holes).
- Vacuum shroud has 1" outside diameter vacuum port.

#### Model 58444 6" Diameter

- Includes low profile, premium urethane sanding pad (8 holes).
- Vacuum shroud has 1" outside diameter vacuum port.

#### Model 58446 8" Diameter

- Includes low profile, premium urethane sanding pad (8 holes).
- Vacuum shroud has 2" outside diameter vacuum port.



58446 Gear-Driven Sander is utilized for efficient surface conditioning. Central Vacuum models may also be run with Channel-Vacuum Pads for greater efficiency (see page 166).

Model Number	Motor hp (W)	Motor RPM	Pad Dia. Inch (mm)	Sound Level	Maximum Air Flow SCFM (LPM)	Hose I.D. Size Inch (mm)	Air Inlet Thread	Weight Pound (kg)	Length Inch (mm)	Height Inch (mm)
58441	.45 (336)	900	5 (127)	79 dB(A)	23 (651)	1/4 (6)	1/4" NPT	3.6 (1.7)	11-1/16 (281)	5-5/8 (143)
58442	.45 (336)	900	6 (152)	78 dB(A)	23 (651)	1/4 (6)	1/4" NPT	3.6 (1.7)	11-1/2 (293)	5-5/8 (143)
58443	.45 (336)	900	6 (152)	79 dB(A)	23 (651)	1/4 (6)	1/4" NPT	3.8 (1.7)	11-1/2 (293)	5-5/8 (143)
58444	.45 (336)	900	6 (152)	80 dB(A)	23 (651)	1/4 (6)	1/4" NPT	3.8 (1.7)	11-1/2 (293)	5-5/8 (143)
58445	.45 (336)	900	8 (203)	80 dB(A)	23 (651)	1/4 (6)	1/4" NPT	3.9 (1.8)	12-1/2 (319)	5-9/16 (142)
58446	.45 (336)	900	8 (203)	81 dB(A)	23 (651)	1/4 (6)	1/4" NPT	4.3 (2.0)	12-1/2 (319)	5-9/16 (142)

Tune-Up Kit: No. 98221 (page 192) • Additional Specifications: Air Pressure 90 PSIG (6.2 Bar)



# Gear-Driven Sanders

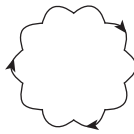
**Air-Powered, 11" Diameter**

**ABRASIVE CAPACITY**  
**ABRASIVE DISCS**  
 11-1/4" (286 mm) diameter

**For Fast, Controlled Sanding and Aggressive Material Removal**

- Powerful .45 hp air motor runs at 950 RPM, for aggressive material removal.
- Extra-large 11" sanding area allows operator to cover more area in less time, leveling substrates and removing filler material with ease and efficiency.
- Useful for manufacturers of large transportation/emergency vehicles, solid surface fabricators, swimming pool manufacturers, marine original equipment manufacturers, marine repair facilities and more.
- Unique "epicycloidal" pad motion generates torque-enhanced power, for consistent material removal.
- Tool features long handle design for easy two-handed control. Operator comfort is enhanced, especially when working in vertical positions.
- Includes weight-mated sanding pad for reduced vibration levels.
- Speed control lever is conveniently located for easy thumb adjustment.
- Insulated tool housing reduces cold air transmission to the hand.
- Safety-lock throttle lever prevents accidental start-up of tool.

**Epicycloidal Motion**  
*Gear-Driven Tools*



Model 58040



Model 58041

## Model 58040 *Non-Vacuum*

- For use with non-vacuum abrasive discs.
- Includes 56231 Hook-Face Sanding Pad, for abrasive discs 11-1/4" (286 mm) in diameter.

## Model 58041 *Central Vacuum*

- For use with "O" style abrasive discs, which allow dust to be drawn up through pad holes.
- Includes 56231 Hook-Face Sanding Pad, for abrasive discs 11-1/4" in diameter.
- Vacuum shroud has 1-1/4" diameter port, for connection to external vacuum system.



Model 58041



11" Gear-Driven Sanders each include 56231 Hook-Face Sanding Pad with 5 vacuum holes. When attaching a non-vacuum (solid) abrasive disc, the pad holes are covered by the abrasive, for non-vacuum use. When attaching a vacuum ("O" style) abrasive disc, the pad holes remain exposed, allowing dust to be drawn up through the pad holes (see page 169).

Model Number	Motor hp (W)	Motor RPM	Pad Dia. Inch (mm)	Sound Level	Maximum Air Flow SCFM (LPM)	Hose I.D. Size Inch (mm)	Air Inlet Thread	Weight Pound (kg)	Length Inch (mm)	Height Inch (mm)
58040	.45 (336)	950	11 (279)	86 dB(A)	23 (651)	1/4 (6)	1/4" NPT	5.0 (2.3)	14-3/32 (358)	5-10/16 (143)
58041	.45 (336)	950	11 (279)	86 dB(A)	23 (651)	1/4 (6)	1/4" NPT	5.5 (2.5)	14-3/32 (358)	5-10/16 (143)

**Tune-Up Kit: No. 98576** (page 192) • Additional Specifications: Air Pressure 90 PSIG (6.2 Bar)





# Dynafine® Detail Sander

## Air-Powered Finishing Sander

**ABRASIVE  
CAPACITY**
**TEAR-DROP DISCS**

3-3/4" x 2-3/8" (95 mm x 60 mm)

**TRIANGULAR DISCS**

2-7/8" x 3-1/8" (73 mm x 79 mm)

Excellent for Use in Tight Corners

### Model 57900

- Detail sander includes triangular and tear-drop hook-face pads; also includes 94407 Flow-Control Dynaswivel®.
- Excellent for cleaning wood edges and corners.
- Ideal for use on furniture, shutters, moldings, door jambs, metal parts and much more.
- Features 1/32" dia. orbital action for superior finishes.
- Handle is offset 7° for greater operator comfort and control.
- Uses hook-face and PSA (adhesive-backed) coated, non-woven nylon and sponge abrasives.


**Orbital Motion**


Model 57900



57910



57900

### Model 57910 Versatility Kit

- Includes 57900 tool with hook-face and PSA (adhesive-backed) pads, 94407 Flow-Control Dynaswivel® (not shown) and an assortment of abrasives.

Model Number	Motor hp (W)	Motor RPM	Sound Level	Maximum Air Flow SCFM (LPM)	Hose I.D. Size Inch (mm)	Air Inlet Thread	Weight Pound (kg)	Length Inch (mm)	Height Inch (mm)
57900	.12 (89)	13,000	65 dB(A)	20 (566)	1/4 (6)	1/4" NPT	1.6 (.7)	9 (229)	3-3/4 (95)

Tune-Up Kit: No. 96236 (page 192) • Additional Specifications: Air Pressure 90 PSIG (6.2 Bar)

# Dynafine® Finger Sander

## Air-Powered Finishing Sander

**ABRASIVE  
CAPACITY**
**ABRASIVE STRIPS**

3/8" x 2" (10 mm x 51 mm)

3/4" x 2" (19 mm x 51 mm)

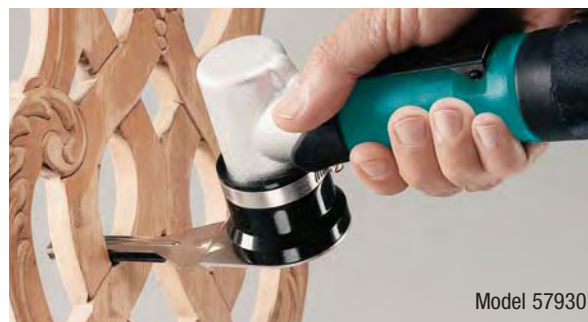
Excellent for Use in Hard-to-Reach Areas

### Model 57930

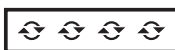
- Tool includes 57932 Offset Sanding Arm (with 57938 Soft Platen Pad), 94407 Flow-Control Dynaswivel® and an assortment of abrasives.
- Ideal for use on wood, metal, varnished surfaces, non-ferrous metals, stone, glass, marble, plastic, composites, painted surfaces and more!
- Handle is offset 7° for greater operator comfort and control.
- 1/32" dia. orbital action for fine finishes.



Model 57930



Model 57930


**Orbital Motion**

### Platen Pads (sold separately)

Part No.	Size (W x L)	Density
57938	3/8" (9 mm) x 2" (52 mm)	Soft
57940	3/8" (9 mm) x 2" (52 mm)	Hard
57937	3/4" (19 mm) x 2" (52 mm)	Soft
57939	3/4" (19 mm) x 2" (52 mm)	Hard

Model Number	Motor hp (W)	Motor RPM	Sound Level	Maximum Air Flow SCFM (LPM)	Hose I.D. Size Inch (mm)	Air Inlet Thread	Weight Pound (kg)	Length Inch (mm)	Height Inch (mm)
57930	.12 (89)	13,000	65 dB(A)	20 (566)	1/4 (6)	1/4" NPT	1.6 (.7)	11-3/4 (298)	4 (102)

Tune-Up Kit: No. 96236 (page 192) • Additional Specifications: Air Pressure 90 PSIG (6.2 Bar)



# “Backsplash” Sander

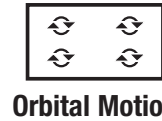
## Air-Powered Dynafine® Finishing Sander

**ABRASIVE CAPACITY**  
**ABRASIVE SHEETS**  
 3-1/2" x 2-3/4"  
 (89 mm x 70 mm)

**A Must for All Solid Surface Fabricators**

### Model 58000

- Excellent for fabricating solid surface covered backsplashes; ideal for cleaning metal edges and corners.
- Includes 58021 and 58024 Backsplash Pads, shown below.
- Air motor features 1/32" diameter orbital action for achieving a superior finish.
- Lightweight tool of only 1.6 lbs!
- Low profile housing allows easy access in hard-to-reach areas. Handle is offset 7° for greater operator comfort and control.
- Includes 94407 Dynaswivel® with fingertip air-flow control dial.



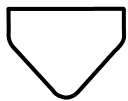
Model 58000

### 58010 Versatility Kit

- Includes tool with all five sanding pads shown below and an assortment of PSA (adhesive-backed) abrasives.

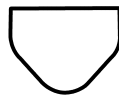
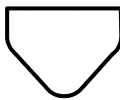
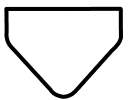
### Standard Sanding Pads (Included with Tool)

- **58021**  
3/8" Radius
- **58024**  
3/4" Reverse Radius



### Optional Sanding Pads (Sold Separately)

- **58020**  
1/4" Radius
- **58022**  
1/2" Radius
- **58023**  
5/8" Radius



For optimum performance, use Dynafine® “Backsplash” Sander with 95676 Coupler/Plug Assembly (see page 161).



Dynafine® “Backsplash” Sander powers 58021 Sanding Pad (included), for finishing within covered backsplash.



Sander powers 58024 Pad (included) for use on a radiused surface.

Model Number	Motor hp (W)	Motor RPM	Sound Level	Maximum Air Flow SCFM (LPM)	Hose I.D. Size Inch (mm)	Air Inlet Thread	Weight Pound (kg)	Length Inch (mm)	Height Inch (mm)
58000	.12 (89)	13,000	65 dB(A)	20 (566)	1/4 (6)	1/4" NPT	1.6 (.7)	9 (229)	3-3/4 (95)

Tune-Up Kit: No. 96236 (page 192) • Additional Specifications: Air Pressure 90 PSIG (6.2 Bar)





# Raised Panel Sander

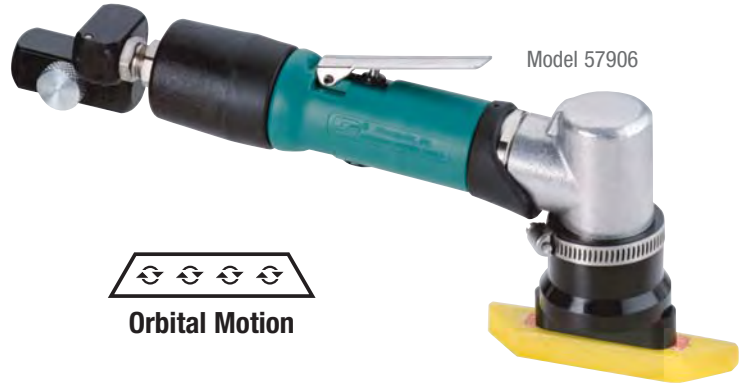
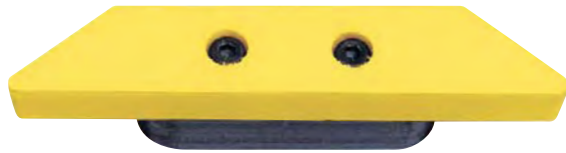
## Air-Powered Dynafine® Finishing Sander


**ABRASIVE  
CAPACITY**
**ABRASIVE SHEETS**  
4" x 3/4" (102 mm x 19 mm)

**Perfect for Sanding Raised Panels and Linear Profiles**

### Model 57906

- 57906 Dynafine® comes mounted with 57956 Raised Panel Pad, which offers unique angled edges for sanding in tight corners and on raised panel edges.
- Raised Panel Pad is 4" long x 3/4" wide, made of 1/2" thick premium urethane, medium density. Pad accepts both coated abrasive and non-woven nylon sheets.
- Excellent for sanding raised panels and linear profiles.
- Also ideal for use on furniture, shutters, moldings and more.
- Tool features 1/32" orbit for superior finishes.
- Raised Panel Pad may also be used with 57900 Dynafine® (see page 64) and 57902 Wet Dynafine® (see page 79).


**Orbital Motion**


57905 Raised Panel Pad Kit

### 57905 Raised Panel Pad Kit

- Kit includes 57956 Raised Panel Pad, adapter and two mounting screws.
- Also includes two each of Coated Abrasive Sheets 93670 (120 grit), 93671 (150 grit), 93672 (180 grit) and 93673 (220 grit); abrasives not shown.

### 57956 Raised Panel Pad

- 57956 Raised Panel Pad may be ordered separately. (Adapter and mounting screws not included.)

### 98292 Raised Panel Pad Adapter Kit

- Includes adapter and two mounting screws (pad not included).



57906 Dynafine® utilizing Raised Panel Pad on a narrow curved edge.



The use of a filter-regulator-lubricator will increase tool performance, extend tool life and lessen repair costs. (See page 163.)



Model Number	Motor hp (W)	Motor RPM	Sound Level	Maximum Air Flow SCFM (LPM)	Hose I.D. Size Inch (mm)	Air Inlet Thread	Weight Pound (kg)	Length Inch (mm)	Height Inch (mm)
57906	.12 (89)	13,000	65 dB(A)	20 (566)	1/4 (6)	1/4" NPT	1.6 (.7)	9 (229)	3-3/4 (95)

**Tune-Up Kit: No. 96236** (page 192) • Additional Specifications: Air Pressure 90 PSIG (6.2 Bar)

**FASTTRACK**

Abrasive Sheets: Page 220 • Accessories: Page 159

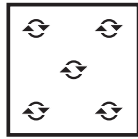
# Dynabug® “Model T” Sander

## Air-Powered Orbital Finishing Sander

<b>ABRASIVE CAPACITY</b>	<b>ABRASIVE SHEETS</b>
	4-1/2" x 5-1/2" (114 mm x 140 mm)
	4-1/4" x 4-1/2" (108 mm x 114 mm)
	<b>ABRASIVE DISCS</b>
	5", 6" (127 mm, 152 mm)

**Ideal for Featheredging, Finishing, Sanding and Blending**

- 3/32" diameter orbital action is ideal for fine finishes.
- Lightweight...only 1 lb.! Palm-style, ergonomic design features low profile grip for greater operator comfort and control.
- Operates 8-9 SCFM at 90 PSIG. Can be run by as little as 3 horsepower compressor.
- Low maintenance – easy to repair. Turbine-style vaneless air motor **needs no oil!**
- Easy interchangeable sanding pads. Uses reattachable and PSA (adhesive-backed) abrasive sheets and discs; coated and non-woven nylon.



**Orbital Motion**



Model 57920

**Non-Vacuum**

**Model 57920 4" x 4-5/16" Pad (with clips)**

- Includes 57999 Vinyl-Face Pad.

**Model 57923 4-1/4" x 4-1/2" “Quarter-Sheet” Pad**

- Includes 57998 Hook-Face Pad.

**Model 57925 4-1/4" x 4-1/2" “Quarter-Sheet” Pad**

- Includes 56244 Vinyl-Face Pad.



Equipped with 95955 Urethane Inlet Hose

Model 57923

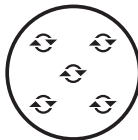
**Non-Vacuum**

**Model 57922 5" Diameter Pad**

- Includes 56249 Vinyl-Face Pad.

**Model 57924 5" Diameter Pad**

- Includes 56248 Hook-Face Pad.



**Orbital Motion**



Model 57922



Equipped with 95955 Urethane Inlet Hose

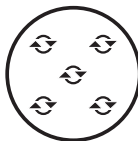
**Non-Vacuum**

**Model 57926 6" Diameter Pad**

- Includes 56269 Vinyl-Face Pad.

**Model 57927 6" Diameter Pad**

- Includes 56268 Hook-Face Pad.



**Orbital Motion**



Equipped with 95955 Urethane Inlet Hose

Model 57926

Model Number	Motor hp (W)	Motor RPM	Sound Level	Maximum Air Flow SCFM (LPM)	Hose I.D. Size Inch (mm)	Air Inlet Thread	Weight Pound (kg)	Length Inch (mm)	Height Inch (mm)
57920	–	20,000	72 dB(A)	9 (255)	1/4 (6)	1/4" NPT	1 (.45)	5 (127)	3 (76)
57923	–	20,000	72 dB(A)	9 (255)	1/4 (6)	1/4" NPT	1 (.5)	5-1/2 (140)	3 (76)
57925	–	20,000	72 dB(A)	9 (255)	1/4 (6)	1/4" NPT	1 (.5)	5 (127)	3 (76)
57922	–	20,000	72 dB(A)	9 (255)	1/4 (6)	1/4" NPT	1 (.5)	5-1/2 (140)	3 (76)
57924	–	20,000	72 dB(A)	9 (255)	1/4 (6)	1/4" NPT	1 (.5)	5-1/2 (140)	3 (76)
57926	–	20,000	72 dB(A)	9 (255)	1/4 (6)	1/4" NPT	1 (.5)	5 (127)	3 (76)
57927	–	20,000	72 dB(A)	9 (255)	1/4 (6)	1/4" NPT	1 (.5)	5 (127)	3 (76)

**Tune-Up Kit: No. 96169** (page 192) • Additional Specifications: Air Pressure 90 PSIG (6.2 Bar)



**FASTTRACK**



# Dynabug® “Model T” Sander

## Air-Powered Orbital Finishing Sander

**ABRASIVE CAPACITY**  
**ABRASIVE SHEETS**  
 4-1/4" x 4-1/2"  
 (108 mm x 114 mm)  
 Also Abrasive Rolls

Ideal for Featheredging, Finishing, Sanding and Blending

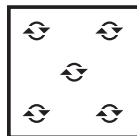
### Self-Generated Vacuum

#### Model 58070 4-1/4" x 4-1/2" “Quarter-Sheet” Pad

- Ready for connection to optional portable self-contained dust collection systems.
- Has 1" outside diameter vacuum port for easy vacuum hose connection.
- Includes 56286 Vinyl-Face Vacuum Pad.

#### Model 58075 4-1/4" x 4-1/2" “Quarter-Sheet” Pad

- Ready for connection to optional portable self-contained dust collection systems.
- Has 1" outside diameter vacuum port for easy vacuum hose hook-up.
- Includes 56285 Hook-Face Vacuum Pad.



**Orbital Motion**  
 (All models on page)



Model 58070

Equipped with 95955 Urethane Inlet Hose



50617 Portable Dust Collection Systems (see page 156).

### Central Vacuum

#### Model 57928 4-1/4" x 4-1/2" “Quarter-Sheet” Pad

- Has 1" outside diameter vacuum port for easy central vacuum connection.
- Includes 56286 Vinyl-Face Vacuum Pad.

#### Model 57929 4-1/4" x 4-1/2" “Quarter-Sheet” Pad

- Has 1" outside diameter vacuum port for easy central vacuum connection.
- Includes 56285 Hook-Face Vacuum Pad.



Model 57928

Equipped with 95955 Urethane Inlet Hose



Dynabug® “Model T” Sander is a true OIL-FREE tool. Turbine-style, vaneless air motor needs no oil, and is virtually maintenance free.



57928 Dynabug® “Model T” sands right into corners.

Model Number	Motor hp (W)	Motor RPM	Sound Level	Maximum Air Flow SCFM (LPM)	Hose I.D. Size Inch (mm)	Air Inlet Thread	Weight Pound (kg)	Length Inch (mm)	Height Inch (mm)
58070	–	16,000	83 dB(A)	17 (255)	1/4 (6)	1/4" NPT	1.5 (.7)	8 (203)	4 (102)
58075	–	16,000	83 dB(A)	17 (255)	1/4 (6)	1/4" NPT	1.5 (.7)	8 (203)	4 (102)
57928	–	20,000	72 dB(A)	9 (255)	1/4 (6)	1/4" NPT	1 (.5)	5 (127)	3 (76)
57929	–	20,000	72 dB(A)	9 (255)	1/4 (6)	1/4" NPT	1 (.5)	5 (127)	3 (76)

Tune-Up Kit: No. 96169 (page 192) • Additional Specifications: Air Pressure 90 PSIG (6.2 Bar)



**FASTTRACK**

Portable Dust Collection Systems: Page 156 • Abrasive Sheets: Page 220 • Sanding Pads: Page 175

# Dynabug® Orbital Sander

## Air-Powered "Jitter-Bug" Type Orbital Finishing Sander

**ABRASIVE CAPACITY**  
**ABRASIVE SHEETS**  
 3-2/3" x 9" (93 mm x 229 mm)  
 3-2/3" x 7" (93 mm x 178 mm)  
 Also Abrasive Rolls

**Featheredge, Finish, Sand and Blend**

- 3/32" dia. orbit.
- Powerful 10,000 RPM air motor utilizes 16 SCFM at 90 PSIG.
- Compact size and lightweight. Excellent for sanding restricted areas and vertical sides.
- Tools have heavy-duty clips to accept traditional 3-2/3" x 9" abrasive sheets (rolls also available).

**Model 57810 Non-Vacuum**

- Includes premium 57850 Vinyl-Face Sanding Pad for PSA (abrasive-backed) abrasives.



57810 Dynabug® at work on a vertical edge.

**Model 57811 Self-Generated Vacuum**

- Ready for connection to optional portable self-contained dust collection systems.
- Includes premium 57855 Vinyl-Face Sanding Pad for PSA (abrasive-backed) abrasives.



50617 Portable Dust Collection Systems (see page 156).



**Orbital Motion**  
(All models on page)



Model 57811

**Model 57814 Central Vacuum**

- Has 1" outside diameter vacuum port for easy central vacuum hose hook-up.
- Includes premium 57855 Vinyl-Face Sanding Pad for PSA (abrasive-backed) abrasives.



Easily convert non-vacuum abrasive sheets to vacuum-ready by using 57476 Punch Plate (3-2/3" x 7").



Model 57814

Model Number	Motor hp (W)	Motor RPM	Sound Level	Maximum Air Flow SCFM (LPM)	Hose I.D. Size Inch (mm)	Air Inlet Thread	Weight Pound (kg)	Length Inch (mm)	Height Inch (mm)
57810	.24 (179)	10,000	80 dB(A)	16 (453)	1/4 (6)	1/4" NPT	2.8 (1.3)	7-1/4 (184)	4-1/4 (108)
57811	.24 (179)	10,000	83 dB(A)	16 (453)	1/4 (6)	1/4" NPT	2.6 (1.2)	7-1/4 (184)	4-1/4 (108)
57814	.24 (179)	10,000	80 dB(A)	16 (453)	1/4 (6)	1/4" NPT	2.6 (1.2)	7-1/4 (184)	4-1/4 (108)

Tune-Up Kit: No. 96024 (page 192) • Additional Specifications: Air Pressure 90 PSIG (6.2 Bar)





# Dynabug® II Orbital Sander

## Air-Powered Orbital Finishing Sander

**ABRASIVE CAPACITY**
**ABRASIVE SHEETS**

75 mm x 110 mm (3" x 4-1/4")

81 mm x 133 mm (3" x 5-1/4")

100 mm x 148 mm (4" x 5-3/4")

For Controlled Sanding and Stock Removal, Featheredging, Blending, Finishing

- Powerful .15 hp (112 W), 10,000 RPM air motor gets the job done in countless applications, utilizing just 13 SCFM (368 LPM) at 90 PSI (6.2 Bar).
- Precise 3/32" orbital motion is ideal for achieving a controlled, ultra-fine finish on a variety of surfaces.
- Compact size is ideal for all operators, including those with smaller hands.
- Engineered and tested to ensure less tool vibration than any competitive model!
- Lighter tool weight minimizes hand and arm fatigue. Perfect for vertical applications.
- Rectangular shape sands deep into corners, where round pads cannot reach.



**Orbital Motion**  
(All models on page)



Model 58500

Compact size of Dynabug®II is ideal for operators with smaller hands.

### Model 58500 Non-Vacuum, Hook-Face Pad

- Includes 56315 Hook-Face Sanding Pad, 74 mm wide x 109 mm long (approximately 3" x 4-1/4").

### Model 58503 Non-Vacuum, Hook-Face Pad

- Includes 56317 Hook-Face Sanding Pad, 80 mm wide x 130 mm long (approximately 3-1/4" x 5").

### Model 58509 Non-Vacuum, Vinyl Pad

- Includes 56355 Vinyl-Face Sanding Pad, 74 mm wide x 109 mm long (approximately 3" x 4-1/4").

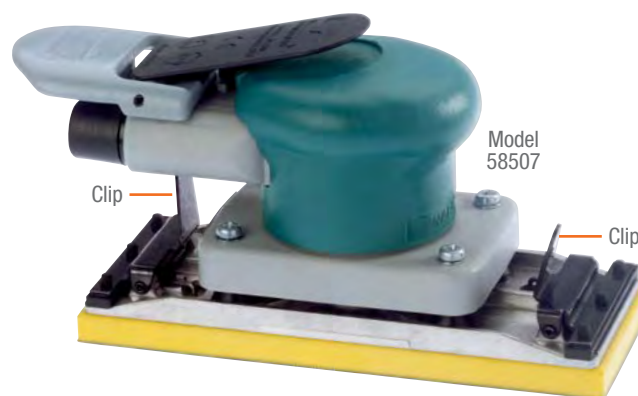


All Dynabug® II models include NEW Comfort Platform! (see page 46)

Model 58500

### Model 58507 Non-Vacuum with Clips

- Tool has specially designed pad base assembly with heavy-duty clips, for attaching optional abrasive sheets.
- Clips are designed for heavy-duty use. Ideal for high-production workplaces.
- Includes 56354 vinyl-face Sanding Pad, 68 mm wide x 175 mm long (approximately 2-3/4" x 7"). Weight-mated pad screws directly to pad base assembly.
- Accepts abrasive sheets cut from 70 mm (2-3/4") wide abrasive rolls. Four sheets of this width may also be cut from sheets 229 mm wide x 280 mm long (9" x 11"). Abrasives are sold separately (see page 220).



Model 58507

Model Number	Motor hp (W)	Motor RPM	Sound Level	Maximum Air Flow SCFM (LPM)	Hose I.D. Size Inch (mm)	Air Inlet Thread	Air Pressure PSIG (Bar)	Weight Pound (kg)	Length Inch (mm)	Height Inch (mm)
58500	.15 (112)	10,000	81 dB(A)	13 (368)	1/4 (6)	1/4" NPT	90 (6.2)	1.6 (.7)	5-3/4 (147)	3-1/2 (91)
58503	.15 (112)	10,000	81 dB(A)	13 (368)	1/4 (6)	1/4" NPT	90 (6.2)	1.6 (.7)	6-1/4 (157)	3-1/2 (91)
58507	.15 (112)	10,000	82 dB(A)	13 (368)	1/4 (6)	1/4" NPT	90 (6.2)	2.1 (.95)	7-1/16 (180)	3-3/4 (94)
58509	.15 (112)	10,000	81 dB(A)	13 (368)	1/4 (6)	1/4" NPT	90 (6.2)	1.6 (.7)	5-3/4 (147)	3-1/2 (91)

Tune-Up Kit: No. 58509 (page 192)



# Dynabug® II Orbital Sander

## Air-Powered Orbital Finishing Sander

ABRASIVE CAPACITY	ABRASIVE SHEETS
	75 mm x 110 mm (3" x 4-1/4")
	81 mm x 133 mm (3" x 5-1/4")
	100 mm x 148 mm (4" x 5-3/4")

**For Controlled Sanding and Stock Removal, Featheredging, Blending, Finishing**

**Self-Generated Vacuum** Dynabug® II vacuums through the tool's exhaust. Tool has 1" outside diameter vacuum port, ready for connection to optional dust collection systems. Includes hook-face sanding pad, for optional hook-face vacuum abrasive sheets.

### Model 58501 Self-Generated Vacuum

- Includes 56316 Vacuum Sanding Pad, 74 mm wide x 109 mm long (approximately 3" x 4-1/4").

### Model 58504 Self-Generated Vacuum

- Includes 56319 Vacuum Sanding Pad, 80 mm wide x 130 mm long (approximately 3-1/4" x 5"), with eight vacuum holes.

50617 Portable Dust Collection System (see page 156).



**Central Vacuum** Dynabug® II has 1" outside diameter vacuum port, ready for connection to external vacuum source. Includes hook-face sanding pad, for optional hook-face vacuum abrasive sheets.



**Orbital Motion**  
(All models on page)

### Model 58502 Central Vacuum

- Includes 56316 Vacuum Sanding Pad, 74 mm wide x 109 mm long (approximately 3" x 4-1/4").

### Model 58505 Central Vacuum

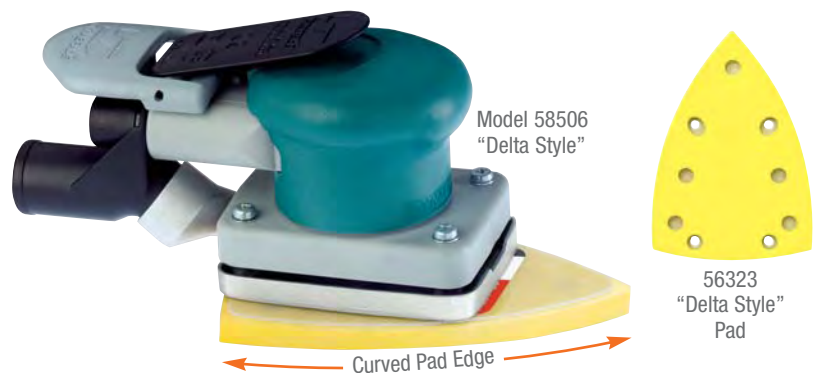
- Includes 56319 Vacuum Sanding Pad, 80 mm wide x 130 mm long (approximately 3-1/4" x 5"), with eight vacuum holes.



Lightweight design of Dynabug® II minimizes hand and arm fatigue.

### Model 58506 "Delta Style" Central Vacuum

- Includes 56323 "Delta Style" Vacuum Sanding Pad, 99 mm wide (at wider end) x 143 mm long (approximately 4" x 5-3/4"), with seven vacuum holes. Unique pad has curved edges for sanding rounded areas, and pointed tip for reaching into tight corners.



Although some Dynabug® II sanding pads are interchangeable, for best results use Non-Vacuum pads only on Non-Vacuum tools and Vacuum Pads only on Vacuum Tools.

Model Number	Motor hp (W)	Motor RPM	Sound Level	Maximum Air Flow SCFM (LPM)	Hose I.D. Size Inch (mm)	Air Inlet Thread	Air Pressure PSIG (Bar)	Weight Pound (kg)	Length Inch (mm)	Height Inch (mm)
58501	.15 (112)	10,000	78 dB(A)	13 (368)	1/4 (6)	1/4" NPT	90 (6.2)	1.7 (.75)	8-1/4 (212)	3-1/2 (91)
58502	.15 (112)	10,000	83 dB(A)	13 (368)	1/4 (6)	1/4" NPT	90 (6.2)	1.6 (.7)	7 (180)	3-1/2 (91)
58504	.15 (112)	10,000	78 dB(A)	13 (368)	1/4 (6)	1/4" NPT	90 (6.2)	1.7 (.75)	8-3/4 (222)	3-1/2 (91)
58505	.15 (112)	10,000	83 dB(A)	13 (368)	1/4 (6)	1/4" NPT	90 (6.2)	1.6 (.7)	7-1/2 (190)	3-1/2 (91)
58506	.15 (112)	10,000	83 dB(A)	13 (368)	1/4 (6)	1/4" NPT	90 (6.2)	1.6 (.7)	8-3/4 (222)	3-1/2 (91)

Tune-Up Kit: No. 98222 (page 192)





# Mesh Abrasive System

For Use with Dynabug® II Sanders

ABRASIVE  
CAPACITY

## MESH ABRASIVE SHEETS

75 mm x 110 mm (3" x 4-1/4")  
81 mm x 133 mm (3" x 5-1/4")  
100 mm x 148 mm (4" x 5-3/4")

Includes Unique Sanding Pad for Mesh-Style Abrasive Discs

### Model 58508

- Includes 58504 Dynabug® II (Self-generated Vacuum), 56319 Vacuum Pad (8 holes, hook-face), "bag-in-bag" vacuum system, extra disposable vacuum bags and scratch-proof belt strap.



58504



56319



54288

# 11" Long File Board Sander

Air-Powered In-Line Finishing Sander

ABRASIVE  
CAPACITY

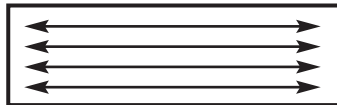
## ROLLS

2-3/4" (70 mm) wide

Ideal for Use on Wood, Metals, Composites and Solid Surfaces

### Model 51350

- File board excellent for industrial graining of stainless steel.
- Tool features high quality gear for smooth-running in-line sanding action.
- 2,400 strokes per minute. 3/8" (10 mm) long sanding stroke.
- For use with PSA (adhesive-backed) coated and non-woven sheets and rolls.
- Includes 2-3/4" wide x 11" long 57512 Premium Urethane PSA (adhesive-backed) Sanding Pad with clips.
- Also accepts 2-3/4" wide x 11" long pads without clips, and 2-3/4" wide x 8" long non-vacuum pads.



In-Line Motion



Model 51350



Sanding Pad can be rotated 360° for adjusting to most efficient position per application.



Ultra-smooth in-line sanding action is ideal on wood.

Model Number	Motor hp (W)	Motor RPM	Sound Level	Maximum Air Flow SCFM (LPM)	Hose I.D. Size Inch (mm)	Air Inlet Thread	Weight Pound (kg)	Length Inch (mm)	Height Inch (mm)
51350	.3 (186)	—	84 dB(A)	18 (510)	1/4 (6)	1/4" NPT	3.1 (1.4)	11 (279)	3-3/4 (95)

Tune-Up Kit: No. 96531 (page 192) • Additional Specifications: Air Pressure 90 PSIG (6.2 Bar)



# Dynaline Sander

## Air-Powered In-Line Finishing Sander

**ABRASIVE CAPACITY**  
**SHEETS**  
 2-3/4" x 8" (70 mm x 203 mm)  
**ROLLS**  
 2-3/4" (203 mm) wide

**Ideal for Working on Wood, Metals, Composites and Solid Surfaces**

- 2,400 strokes per minute at 90 PSIG (6.2 Bar). 3/8" (10 mm) stroke length.
- Uses PSA coated and non-woven nylon sheets and rolls.
- Quality constructed pad is weight-mated to tool for low vibration, smooth operation and superior finishes.

### Model 57400 Non-Vacuum

- Includes 2-3/4" wide x 8" long vinyl-face non-vacuum Sanding Pad (57454).

### 57405 Versatility Kit

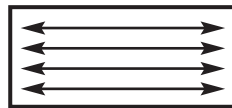
- Includes 57400 Dynaline; 57852 Sanding Pad (3-2/3" wide x 7" long premium urethane, long nap, hook-face pad); plus medium grade (94951) and very fine (94956) abrasive impregnated non-woven nylon sheets.



Dynaline achieves in-line scratch pattern on stainless steel by powering non-woven nylon abrasives on long nap hook-face pad.

### Model 57407 Non-Vacuum Model with Clips

- Includes 2-3/4" wide x 8" long vinyl-face non-vacuum Sanding Pad with clips (57460).
- Accepts abrasives 2-3/4" wide x 11" long.
- Up to four abrasive sheets may be attached, ideal for high-production workplaces.



**In-Line Motion**  
(All models on page)



### Model 57401 Self-Generated Vacuum

- Ready for connection to optional portable self-contained dust collection systems.
- Includes 2-3/4" wide x 8" long vinyl-face, vacuum sanding pad (57455).



50617 Portable Dust Collection Systems (see page 156).



### Model 57404 Central Vacuum

- Has 1" outside diameter vacuum port for easy central vacuum hose connection.
- Includes 2-3/4" wide x 8" long vinyl-face, vacuum sanding pad (57455).



Model Number	Motor hp (W)	Motor RPM	Sound Level	Maximum Air Flow SCFM (LPM)	Hose I.D. Size Inch (mm)	Air Inlet Thread	Weight Pound (kg)	Length Inch (mm)	Height Inch (mm)
57400	.3 (186)	—	85 dB(A)	18 (510)	1/4 (6)	1/4" NPT	2.6 (1.2)	7 (178)	3-3/4 (95)
57401	.3 (186)	—	84 dB(A)	18 (510)	1/4 (6)	1/4" NPT	2.6 (1.2)	7 (178)	3-3/4 (95)
57404	.3 (186)	—	85 dB(A)	18 (510)	1/4 (6)	1/4" NPT	2.6 (1.2)	7 (178)	3-3/4 (95)
57407	.3 (186)	—	85 dB(A)	18 (510)	1/4 (6)	1/4" NPT	2.6 (1.2)	7 (178)	3-3/4 (95)

Tune-Up Kit: No. 96107 (page 192) • Additional Specifications: Air Pressure 90 PSIG (6.2 Bar)





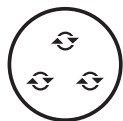
# Mini-Orbital Sander

## Air-Powered Right Angle Finishing Sander

**ABRASIVE CAPACITY**
**ABRASIVE DISCS**  
 1-1/4" (32 mm) diameter

### For Quick, Efficient Removal of Dust Nibs and Defects

- Ideal for use on gelcoat and clearcoat paint systems, plus finesse sanding of small areas.
- Precise 1/8" orbital action minimizes swirl marks.
- Lightweight design for operator comfort.
- Front and rear exhaust models available.
- Each model includes 95848 Gear Oil and 95541 Push-Type Gun, for lubricating tool gears through "dual wick" system. Increasing gear life extends the life of your tool!
- Optional safety-lock throttle lever is available (included in some regions).



**Orbital Motion**  
(All models on page)

58037 Right Angle Mini-Orbital Sander is ideal for quick spot repair.



Model 58037



Model 58039

### Model 58037 Front Exhaust

### Model 58039 Rear Exhaust

- Each model runs at 12,000 RPM and includes 1-1/4" diameter rubber sanding pad (54018). Also accepts optional sanding pads 54017, 54084 and 54088 (see page 180).

### Model 58038 Front Exhaust

### Model 58034 Rear Exhaust

- Each model runs at 12,000 RPM and includes 1-1/4" diameter locking-type foam-face sanding pad (54031). Also accepts optional locking-type sanding pads 54018 and 54033 (see page 180).



Model 58038

### Model 58035 Front Exhaust

- Tool runs at 15,000 RPM and includes 1-1/4" diameter vinyl-face sanding pad (54088). Also accepts optional sanding pads 54087 and 54088 (see page 180).



Right Angle Mini-Orbital Sander's precise 1/8" orbital action is effective for dry and wet applications (with water from an outside source).



58035 Mini-Orbital Sander shown with optional 95745 Speed Control.

Model Number	Exhaust	Motor hp (W)	Motor RPM	Sound Level	Maximum Air Flow SCFM	Hose I.D. Size Inch (mm)	Orbit Inch (mm)	Air Inlet Thread	Weight lb (kg)	Length Inch (mm)	Height Inch (mm)
58034	Rear	.4 (298)	12,000	79	21 (595)	1/4" (6)	1/8 (3)	1/4" NPT	1.4 (0.6)	7.5 (190)	4 (102)
58035	Front	.4 (298)	15,000	85	21 (595)	1/4" (6)	1/8 (3)	1/4" NPT	1.6 (0.7)	5.4 (137)	3.8 (97)
58037	Front	.4 (298)	12,000	85	20 (566)	1/4" (6)	1/8 (3)	1/4" NPT	1.6 (0.7)	5.4 (137)	3.8 (97)
58038	Front	.4 (298)	12,000	85	20 (566)	1/4" (6)	1/8 (3)	1/4" NPT	1.6 (0.7)	5.4 (137)	4 (102)
58039	Rear	.4 (298)	12,000	79	21 (595)	1/4" (6)	1/8 (3)	1/4" NPT	1.4 (0.6)	7.5 (190)	3.8 (97)

Tune-Up Kit: No. 96179 (page 192)



**FASTTRACK**

Gear Oil and Gun: Page 205 • Abrasive Discs: Page 205 • Sanding Pads: Page 180



# ***Wet Sanders***

Wet Dynorbital® Supreme .....	76	Wet Dynafine® .....	79
Right Angle Wet Sander .....	78	Wet Dynabug® "Model T" .....	80



***Continued Leadership In Portable Abrasive Power Tool Technology***

***[www.dynabrade.com](http://www.dynabrade.com)***



# Wet Dynorbital<sup>®</sup> Supreme

## Air-Powered Wet Random Orbital Sander

ABRASIVE CAPACITY

## ABRASIVE DISCS

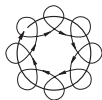
3-1/2" (89 mm), 5" (127 mm),  
6" (152 mm) diameter

### For Polishing and Finishing Flats and Sides

- Achieves the ultimate in swirl-free finishes.
- Wet sanding reduces airborne dust, improving air quality of workplace.
- Overskirt shroud is standard on all models, to control water splash.
- Accepts diamond abrasive discs as well as microfinishing film and conventional wet discs.
- Includes non-vacuum hook-face sanding pad (short nap), 3/8" thick.

### 3/16" (5 mm) Dia. Random Orbit

For Swirl-Free Finishes



### 3/32" (2 mm) Dia. Random Orbit

For Ultra-Fine Finishes



### Basic Models

- For those not requiring "through-the-tool" water feed (who prefer to use a hose or spray bottle).

### Model 57570 3-1/2" Diameter, 3/16" Orbit

- Includes 54311 Hook-Face Pad.

### Model 57572 5" Diameter, 3/16" Orbit

### Model 57582 5" Diameter, 3/32" Orbit

- Both models include 54325 Hook-Face Pad.

### Model 57574 6" Diameter, 3/16" Orbit

### Model 57584 6" Diameter, 3/32" Orbit

- Both models include 54327 Hook-Face Pad.

Model 57574



After using wet tool, wipe tool down with a clean, dry rag and let dry. Then store tool with sanding pad face down.

Model Number	Motor hp (W)	Motor RPM	Pad Dia. Inch (mm)	Sound Level	Maximum Air Flow SCFM (LPM)	Hose I.D. Size Inch (mm)	Air Inlet Thread	Tool Thread	Weight Pound (kg)	Length Inch (mm)	Height Inch (mm)
57570	.24 (179)	10,000	3-1/2 (89)	76 dB(A)	16 (453)	1/4 (6)	1/4" NPT	5/16"-24 Female	2.1 (1.0)	6 (152)	3-3/4 (95)
57572	.24 (179)	10,000	5 (127)	77 dB(A)	16 (453)	1/4 (6)	1/4" NPT	5/16"-24 Female	2.1 (1.0)	6-1/2 (165)	3-5/8 (92)
57574	.24 (179)	10,000	6 (152)	74 dB(A)	16 (453)	1/4 (6)	1/4" NPT	5/16"-24 Female	2.2 (1.0)	7 (178)	3-1/2 (89)
57582	.24 (179)	10,000	5 (127)	77 dB(A)	16 (453)	1/4 (6)	1/4" NPT	5/16"-24 Female	2.1 (1.0)	6-1/2 (165)	3-5/8 (92)
57584	.24 (179)	10,000	6 (152)	74 dB(A)	16 (453)	1/4 (6)	1/4" NPT	5/16"-24 Female	2.2 (1.0)	7 (178)	3-1/2 (89)

Tune-Up Kit: No. 96018 (page 192) • Additional Specifications: Air Pressure 90 PSIG (6.2 Bar)



# Wet Dynorbital® Supreme

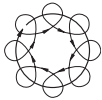
## Air-Powered Wet Random Orbital Sander

**ABRASIVE CAPACITY**  
**ABRASIVE DISCS**  
 3-1/2" (89 mm), 5" (127 mm),  
 6" (152 mm) diameter

For Polishing and Finishing Flats and Sides

### Deluxe Models

- Deluxe models include 1/4" diameter x 11' long water line and 1/4" diameter x 10' long air line, both neatly contained in 3/4" diameter overhose.
- Includes adjustable "water feed" valves at two locations: one near the water source connection and another at the tool. This allows one valve to be pre-set to your desired flow rate, while the other is utilized as an on/off valve.



**3/16" (5 mm) Dia. Random Orbit**  
 For Swirl-Free Finishes



**3/32" (2 mm) Dia. Random Orbit**  
 For Ultra-Fine Finishes

### Model 57571 3-1/2" Diameter, 3/16" Orbit

- Includes 54311 Hook-Face Pad.

### Model 57573 5" Diameter, 3/16" Orbit

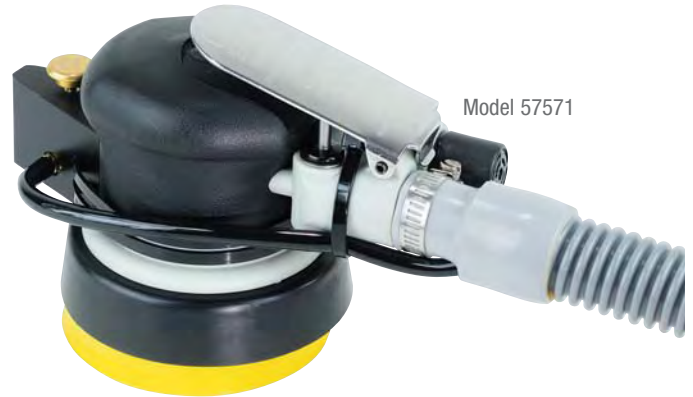
### Model 57583 5" Diameter, 3/32" Orbit

- Both models include 54325 Hook-Face Pad.

### Model 57575 6" Diameter, 3/16" Orbit

### Model 57585 6" Diameter, 3/32" Orbit

- Both models include 54327 Hook-Face Pad.



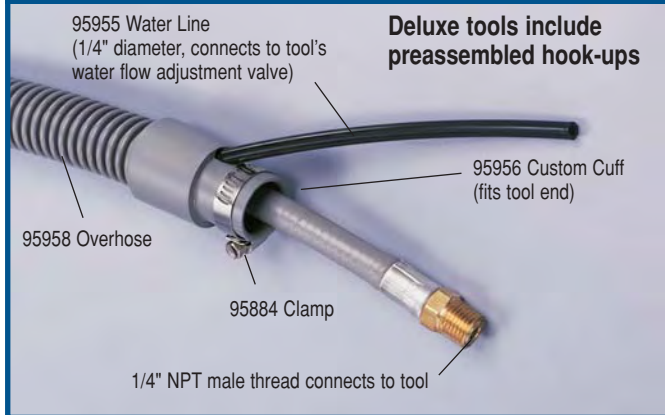
Model 57571



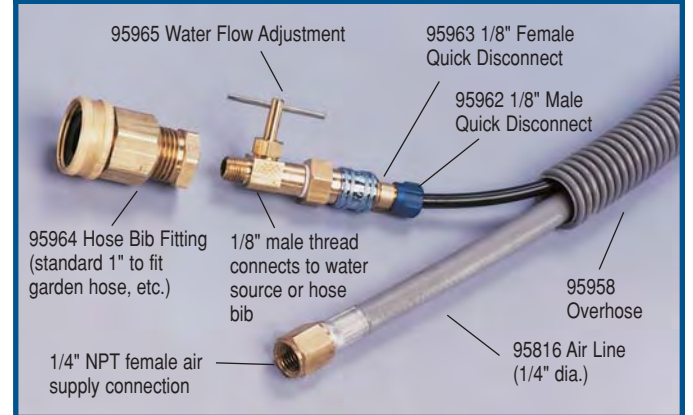
Model 58585

Wet Dynorbital® Supreme achieves swirl-free finish.

### Connections to Deluxe Tools



### Water and Air Source Connections



Model Number	Motor hp (W)	Motor RPM	Pad Dia. Inch (mm)	Sound Level	Maximum Air Flow SCFM (LPM)	Hose I.D. Size Inch (mm)	Air Inlet Thread	Tool Thread	Weight Pound (kg)	Length Inch (mm)	Height Inch (mm)
57571	.24 (179)	10,000	3-1/2 (89)	76 dB(A)	16 (453)	1/4 (6)	1/4" NPT	5/16"-24 Female	2.1 (1.0)	6 (152)	3-3/4 (95)
57573	.24 (179)	10,000	5 (127)	77 dB(A)	16 (453)	1/4 (6)	1/4" NPT	5/16"-24 Female	2.1 (1.0)	6-1/2 (165)	3-5/8 (92)
57575	.24 (179)	10,000	6 (152)	74 dB(A)	16 (453)	1/4 (6)	1/4" NPT	5/16"-24 Female	2.2 (1.0)	7 (178)	3-1/2 (89)
57583	.24 (179)	10,000	5 (127)	77 dB(A)	16 (453)	1/4 (6)	1/4" NPT	5/16"-24 Female	2.1 (1.0)	6-1/2 (165)	3-5/8 (92)
57585	.24 (179)	10,000	6 (152)	74 dB(A)	16 (453)	1/4 (6)	1/4" NPT	5/16"-24 Female	2.2 (1.0)	7 (178)	3-1/2 (89)

Tune-Up Kit: No. 96018 (page 192) • Additional Specifications: Air Pressure 90 PSIG (6.2 Bar)





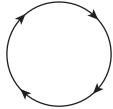
# Right Angle Wet Sander

## Air-Powered Wet Rotary Sander

**ABRASIVE CAPACITY**
**ABRASIVE DISCS**  
 5" (127 mm), 6" (152 mm),  
 8" (203 mm) diameter

### For Slow-Speed Polishing, Buffing and Finishing

- All models run 5", 6", or 8" diameter polishing pads. Pads sold separately.
- Accepts variety of abrasive products including WeterDry® discs, Scotch-Brite® surface conditioning discs and film-backed discs.
- Water is fed through the center of pad directly to the work surface, providing optimum flushing of work surface and pad. This prevents buildup of sanding residue on the disc, allowing the tool to be used efficiently in any position. Independent water rinse allows flushing of the work surface without starting the tool.
- Rear exhaust muffler reduces noise levels. Conventional rotary action with lubricated gears. High torque air motor has variable speed.
- Safety-lock throttle and soft-grip handle (adjusts to left or right hand).



**Rotary Orbit Motion**  
(All models on page)

### Basic Models

**Model 51474 0-2,000 RPM**

**Model 51476 0-3,100 RPM**

- Without pre-assembled hook-ups for those not requiring "through-the-tool" water feed (for those who prefer to use a hose or spray bottle).

### Deluxe Model

**Model 51479 0-3,100 RPM**

- Includes pre-assembled hook-ups and an overhose assembly (further reduces sound level); 96323 Air Line 3/8", 95848 Gear Oil (2.5 oz. tube) and 95541 Grease Gun.



After using your wet tool, wipe the tool down with a clean, dry rag and let dry. Then store the tool with the sanding pad face down.



As 51479 is run, water is fed through pad center directly to work surface.

Scotch-Brite and WeterDry are registered trademarks of 3M Company.

Model Number	Motor hp (W)	Motor RPM	Pad Dia. Inch (mm)	Sound Level	Maximum Air Flow SCFM (LPM)	Hose I.D. Size Inch (mm)	Air Inlet Thread	Tool Thread	Weight Pound (kg)	Length Inch (mm)	Height Inch (mm)
51474	.7 (522)	0-2,000	6 (152)	82 dB(A)	43 (1,218)	3/8 (10)	1/4" NPT	5/8"-11 Male	4.8 (2.2)	13 (330)	3-1/8 (79)
51476	.7 (522)	0-3,100	6 (152)	80 dB(A)	41 (1,161)	3/8 (10)	1/4" NPT	5/8"-11 Male	4.8 (2.2)	13 (330)	3-1/8 (79)
51479	.7 (522)	0-3,100	6 (152)	81 dB(A)	43 (1,218)	3/8 (10)	1/4" NPT	M14 Male	4.8 (2.2)	13 (330)	3-1/8 (79)

**Tune-Up Kit: No. 96178** (page 192) • Additional Specifications: Air Pressure 90 PSIG (6.2 Bar)



# Wet Dynafine®

## Air-Powered Wet Orbital Sander

**ABRASIVE CAPACITY**  
**ABRASIVE DISCS**  
 2" (51 mm), 3" (76 mm) diameter

Ideal for Removing Imperfections in Clearcoat and Gelcoat Paint Systems

### Model 57902 13,000 RPM

- Features our unique “All-in-One” Misting System. The operator can spray the work surface, then remove the imperfection – all within seconds!
- “All-in-One” Misting System helps flush abrasive to achieve a consistent, repeatable finish.
- Includes 2" and 3" diameter vinyl-face sanding pads. Also accepts hook-face sanding pads, sold separately.
- Ergonomic 7° offset design for greater operator comfort and control.
- Low-vibration design allows operator to comfortably run tool for longer time periods.
- Rear exhaust directs air away from work piece; reduces sound levels.
- Insulated tool housing reduces cold air transmission to the operator.
- Gearless design means no right-angle gears to wear out. Tool life is increased!
- Includes 3' water line with 95962 Male Quick Disconnect (1/8") fitting.
- Tool also includes 94407 Flow-Control Dynaswivel®, for added maneuverability (see page 163).



Model 57902



Model 57902

57902 Wet Dynafine® has “All-In-One” Misting System to wet work surface in seconds.



Model 57902

Tool accepts vinyl or hook-face sanding pads in diameters of 2" and 3" (above).



Portable Wet Tank Assembly (95990) eliminates the need for a separate hose.



**Gearless**



The use of a filter-regulator-lubricator will increase tool performance, extend tool life and lessen repair costs (see page 162).

Model Number	Motor hp (W)	Motor RPM	Sound Level	Maximum Air Flow SCFM (LPM)	Hose I.D. Size Inch (mm)	Air Inlet Thread	Weight Pound (kg)	Length Inch (mm)	Height Inch (mm)
57902	.15 (112)	13,000	65 dB(A)	20 (566)	3/8 (10)	1/4" NPT	1.6 (0.7)	9 (229)	3-3/4 (95)

Tune-Up Kit: No. 96236 (page 192)





# Wet Dynabug® "Model T"

## Turbine Air-Powered Orbital Sander

ABRASIVE  
CAPACITY

## ABRASIVE DISCS

5" (127 mm), 6" (152 mm)  
diameter

### Excellent on Primer and Clearcoat

- Each model includes all hardware for self-siphoning with 20 ft. of water hose. Brass weight drops into bucket for ease of use.
- Lightweight...only 1.5 lbs.! Palm-style, ergonomic design features low profile grip for greater operator comfort and control.
- Up to 3/16" diameter orbital action, with adjustable speed control.
- 5" and 6" diameter pads are interchangeable.
- Fast, smooth and uniform surface preparation; reduces labor time.
- Our unique water feed "through-the-pad" design allows use of standard round wet paper with holes. No special sand paper or hole punch needed!
- Fingertip control valve allows for precise water flow.



Model 57908

### Model 57908 5" Diameter

- Includes standard 58086 Hook-Face Pad and soft 53978 Interface Pad for contours.

### Model 57909 6" Diameter

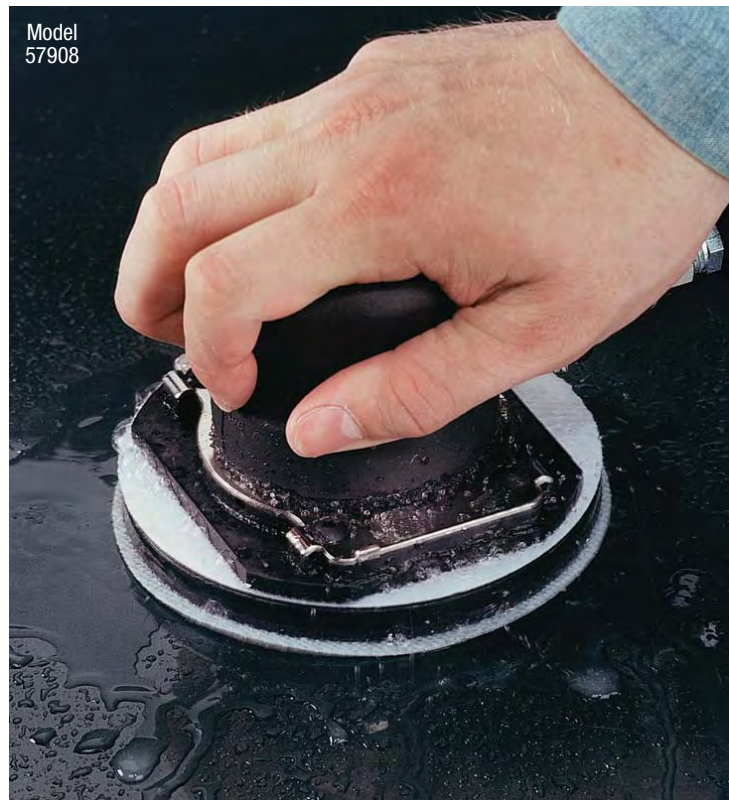
- Includes standard 58093 Hook-Face Pad and soft 53980 Interface Pad for contours.



Turbine-style vaneless air motor **NEEDS NO OIL!**



Wet sanding helps contain dust particles from sanding, thus enhancing the quality of air in the workplace.

Model  
57908

Wet Dynabug® "Model T" is ideal for fast, smooth surface preparation.

Model Number	Motor hp (W)	Motor RPM	Pad Dia. Inch (mm)	Sound Level	Maximum Air Flow SCFM (LPM)	Hose I.D. Size Inch (mm)	Air Inlet Thread	Weight Pound (kg)	Length Inch (mm)	Height Inch (mm)
57908	N/A	20,000	5 (127)	72 dB(A)	17 (481)	1/4 (6)	1/4" NPT	1.5 (0.7)	8 (203)	4 (102)
57909	N/A	20,000	6 (152)	72 dB(A)	17 (481)	1/4 (6)	1/4" NPT	1.5 (0.7)	8 (203)	4 (102)

Tune-Up Kit: No. 96169 (page 192) • Additional Specifications: Air Pressure 90 PSIG (6.2 Bar)





# ***Buffers & Polishers***

Dynabuffer .....	82	6"-8" Buffers .....	88
"Two-Step" Repair System .....	83	Straight-Line Buffer .....	89
3" Dia. Buffers .....	84	Electric Buffer .....	89
5"-8" Buffers .....	87	Random Orbital Polishers/Head Kit.....	90



***Continued Leadership In Portable Abrasive Power Tool Technology***

***[www.dynabrade.com](http://www.dynabrade.com)***



# Dynabuffer

## Air-Powered Buffing Tool

**ABRASIVE  
CAPACITY**
**POLISHING BUFFS**  
 3" and 5" diameter  
 (76 mm and 127 mm)

Ideal for use in Two-Step Polishing System (see page 83)

- Offered in 3" and 5" diameters, Dynabuffer moves backup pad and optional polishing buff in 14 mm diameter offset orbit.
- Each model runs at 10,000 RPM free speed, then slows to indicated speed under load.
- Patented balancer compensates for vibration when running under load, resulting in a smooth operating performance. (Patent 6,206,771).
- Rear exhaust muffler design reduces sound levels.
- For best performance, use 95676 Coupler/Plug Assembly (see page 161).

### Model 57126 3" Diameter

- Excellent for buffing out sanding scratches.
- Tool slows to 7,000 RPM when running under load.
- Optimum air pressure for this model is 80 PSIG.
- Non-marring housing cover is insulated for operator comfort.
- Throttle lever may be positioned for right or left hand operation. Optional 01462 Safety-Lock Lever available.
- Tool includes 56145 Hook-Face backup pad, and 97166 Hanger Bracket. Polishing buffs are sold separately.
- Optional 53163 Side Handle available.



To prevent "slinging" of the polishing compound, keep Dynabuffer ON the work surface as you stop the tool.

14 mm Dia. Random  
Orbital Motion



Model 57126



57126 Dynabuffer is ideal for repairing minor surface defects in clear coat.

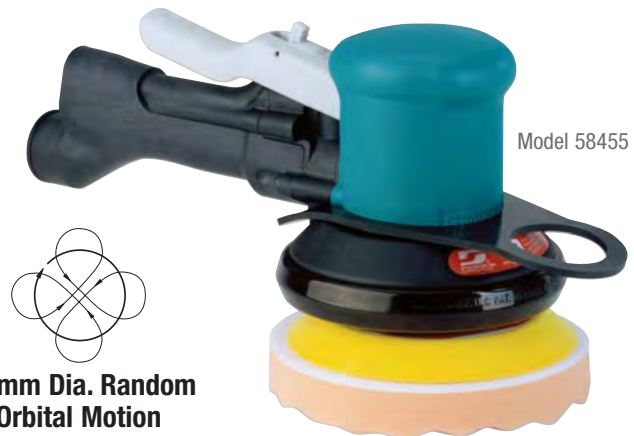
### Model 58455 5" Diameter

- Tool slows to 5,000 RPM when running under load.
- Shown with optional 56195 Hook-Face Random Orbital Sanding Pad, and optional polishing pad.
- Optimum air pressure for this model is 90 PSIG.



For most efficient polishing, place approximately 10 lbs. of pressure on pad while Dynabuffer is in use.

14 mm Dia. Random  
Orbital Motion



Model 58455

Model Number	Motor hp (W)	Motor RPM	Sound Level	Maximum Air Flow SCFM (LPM)	Hose I.D. Size Inch (mm)	Air Pressure PSIG (Bar)	Tool Thread	Weight Pound (kg)	Length Inch (mm)	Height Inch (mm)
57126	.16 (119)	7,000	74 dB(A)	20 (566)	3/8 (10)	80 (5.5)	5/16"-24 Female	2.0 (0.9)	8-1/4 (210)	3-1/8 (80)
58455	.21 (157)	5,500	85 dB(A)	16 (453)	1/4" (8)	90 (6.2)	5/16"-24 Female	2.7 (1.2)	11 (277)	4-15/16 (125)

Tune-Up Kit: 3" Model – No. 96537; 5" Model – No. 96122 (page 192) • Additional Specifications: Air Inlet Thread 1/4" NPT



# “Two-Step” System

## Utilizing Mini-Orbital Sander and Dynabuffer

A Proven Method for Repairing Minor Surface Defects in Clearcoat

### STEP ONE

*Choose One of These Tools:*

**Model 58037 12,000 RPM  
Right Angle Mini-Orbital Sander**

- See page 74 for full details.  
(Various models may be used.)

**Model 57502 7,500 RPM  
Palm-Style Mini-Dynorbital® Sander**

- See page 54 for full details.  
Model 57503 (5,000 RPM) may also be used.



Model 58037  
(12,000 RPM)



Model 57502  
(7,500 RPM)

### STEP ONE Procedure:

Using one of these tools, attach abrasive disc to sanding pad, then apply water to the abrasive. Place the sanding pad on the defect, positioning it slightly off-center, and apply slight pressure. Throttle the tool on and sand in a random motion for two seconds. Keep the sanding pad FLAT while sanding, letting the tool and abrasive do the work. Try to keep the sanded area as small as possible. Remove tool from surface and throttle tool off (“start on, stop off”). Wipe surface dry with a clean soft cloth.



Model 58037

Left:  
58037 Right Angle  
Mini-Orbital Sander  
sands a defect in  
clearcoat.

### STEP TWO

*Choose One of These Tools:*

**Model 57126 Dynabuffer  
3" Diameter**

- See page 82 for full details.

**Model 58455 Dynabuffer  
5" Diameter**

- See page 82 for full details.

### STEP TWO Procedure:

Apply a small amount of polishing compound to buffing pad on Dynabuffer, spreading compound evenly to precondition pad. Then apply small drop of polishing compound to work surface, and use the pad to spread compound evenly over sanded area. Place the pad on the sanded area and apply pressure (approximately 3 lbs. of pressure with 3" diameter tool, and 10 lbs. of pressure with 5" diameter tool). Throttle the tool on, and adjust pressure to minimize vibration (finding the “sweet spot”). Then move pad in a random motion for ten seconds, keeping pad flat or tipped slightly forward. This will eliminate compound slinging, swirl marks, haze and scratches. Wipe the area clean with a soft cloth and inspect. If imperfections are still visible, repeat process as needed.



Model 57126

57126 Dynabuffer polishes clearcoat as “step two”.



# 3" Diameter Buffers

**.25 hp, Air-Powered Buffering Tool**

**ABRASIVE CAPACITY**  
**TERRY CLOTH, WOOL, FOAM BUFFS**  
 3" (76 mm) diameter

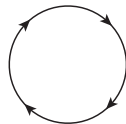
**For Repair of Sanding Scratches on Clearcoat**

## Model 57550 3" Diameter, 2,400 RPM

- Excellent for buffing and polishing fiberglass, plastics and other materials.
- Includes 50125 rigid 3" backing pad, 90027 Terry Cloth Pad and 90028 Wool Pad.
- Low profile housing; rear exhaust; lever throttle.
- Shown with optional 94300 Dynaswivel® and optional 94990 Coupler/Plug Assembly (see page 161).



57550 Palm-Style Buffer utilized on a solid surface sink bowl.



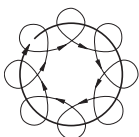
**Rotary Orbital Motion**



Use Dynabrade Finesse Sanding Cream and Dynabrade Glaze to achieve a superior high gloss finish after compounding.

## Model 57553 Versatility Kit

- Efficiently repair dust nibs and scratches on clear coat.
- Quick, simple spot repair on painted surfaces.
- Mini Random Orbital Sander; 3" Buffer; 3-1/2" Disc Sander.
- Includes: 2,400 RPM basic tool; 54476 Mini-Orbital Head; 3" backing pad; 1-1/4" and 3-1/2" dia. vinyl-face pads; 3" dia. terry cloth bonnet, wool bonnet and foam "flat face" pad; 95723 Dynabrade Finesse-It Creme; 95727 Dynabrade Glaze, sample discs and sample abrasive pack. (14 mm and 19 mm wrenches also included; not shown.)



**3/16" (5 mm) Dia. Orbit**  
 (with 54776 Head Attached)



Roloc is a registered trademark of 3M Company

Model Number	Motor hp (W)	Motor RPM	Sound Level	Maximum Air Flow SCFM (LPM)	Hose I.D. Size Inch (mm)	Air Inlet Thread	Tool Thread	Weight Pound (kg)	Length Inch (mm)	Height Inch (mm)
57550	.25 (186)	2,400	82 dB(A)	18 (510)	1/4 (6)	1/4" NPT	1/4"-20 Male	1.9 (.9)	5-3/8 (137)	4-1/4 (108)

**Tune-Up Kit: No. 96107** (page 192) • Additional Specifications: Air Pressure 90 PSIG (6.2 Bar)



# 3" Diameter Buffers

## .4 hp, Air-Powered Buffing Tool

**ABRASIVE CAPACITY**  
**TERRY CLOTH, WOOL, FOAM BUFFS**  
 3" (76 mm) diameter

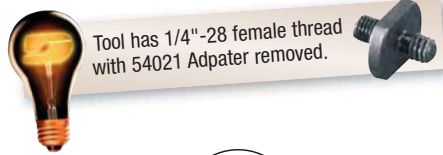
For Repair of Sanding Scratches on Clearcoat

### Model 53440 3" Diameter, 3,200 RPM

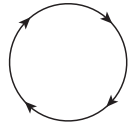
- Tool comes mounted with 54021 Adapter (1/4"-20 male thread).
- Includes 50120 Hook-Face Pad (3" diameter), which mounts directly to 54021 Adapter.
- Also includes 90027 Terry Cloth Bonnet and 90028 Wool Buffing Bonnet.
- Rear exhaust, lever throttle, rotary action.



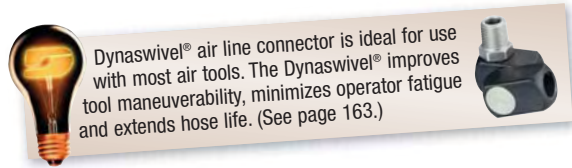
Model 53440



Tool has 1/4"-28 female thread with 54021 Adapter removed.



Rotary Orbital Motion



Dynaswivel® air line connector is ideal for use with most air tools. The Dynaswivel® improves tool maneuverability, minimizes operator fatigue and extends hose life. (See page 163.)



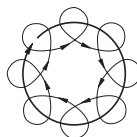
Model 53440

Model 53440 achieves high gloss finish when used with Dynabrade Finesse Sanding Creme and Dynabrade Glaze (each sold separately).

### Model 53403 Versatility Kit

- Repair dust nibs and scratches on clearcoat.
- Includes: 3,200 RPM air tool, 54028 Random Orbital Sanding Head, two sanding pads, 50120 Hook 'n Loop Pad for bonnets, 54021 Adapter, wool and terry cloth bonnets, 95723 Finesse Sanding Creme, 95727 Dynabrade Glaze, assorted wrenches and sample abrasives.

Note: Optional 54585 Side Handle Assembly available.



3/16" (5 mm) Dia. Orbit  
 (with 54028 Head Attached)



Model 53403

Model Number	Motor hp (W)	Motor RPM	Sound Level	Maximum Air Flow SCFM (LPM)	Hose I.D. Size Inch (mm)	Air Inlet Thread	Tool Thread	Weight Pound (kg)	Length Inch (mm)	Height Inch (mm)
53440	.4 (298)	3,200	83 dB(A)	23 (651)	1/4 (6)	1/4" NPT	1/4"-20 Female	1.9 (.9)	11-3/8 (289)	2-3/4 (70)

Tune-Up Kit: No. 96333 (page 192) • Additional Specifications: Air Pressure 90 PSIG (6.2 Bar)





# 3" Diameter Buffers

## .4 hp, Air-Powered Buffering Tools

**ABRASIVE CAPACITY**  
**POLISHING BUFFS**  
 3" and 6"-8" diameter  
 (76 mm, 152 mm - 203 mm)

For Quick and Easy Spot Repair on a Variety of Surfaces

### 3" Diameter, .4 hp, Right Angle, Rear Exhaust

#### Model 53460 3,200 RPM

- Features high torque, variable speed air motor. Lubricated gears; rotary action.
- Tool comes with 50122 Hook-Face backup pad, 3" diameter.
- Includes 90027 Terry Cloth Bonnet and 90028 Wool Buffering Bonnet.

#### 53465 Sander/Buffer Versatility Kit

- All that is needed for quick, simple spot repair on a variety of surfaces.
- Includes: Model 53417 Air Tool (3,200 RPM) with 54028 Random Orbital Sanding Head; 54021 Adapter (1/4"-28 to 1/4"-20 male); 54017 Vinyl Sanding Pad (3/4" dia.) 54018 Vinyl Sanding Pad (1-1/4" dia.); 50120 Hook-Face Pad (3" dia.); 90027 Terry Cloth Bonnet (3" dia.); 90028 Wool Buffering Pad (3" dia.); 95727 Dynabrade Glaze; 95723 Finesse Sanding Creme; 95848 Gear Oil; 95542 Grease; two 95541 Grease Guns; 95262 Wrench (14 mm); 95281 Wrench (19 mm); and sample abrasives.
- Refer to the Random Orbital Sander section (page 57) for the 53417 Mini-Dynorbital® tool specifications.



Model Number	Motor hp (W)	Motor RPM	Sound Level	Maximum Air Flow SCFM (LPM)	Hose I.D. Size Inch (mm)	Air Inlet Thread	Tool Thread	Weight Pound (kg)	Length Inch (mm)	Height Inch (mm)
53460	.4 (298)	3,200	81 dB(A)	21 (595)	1/4 (6)	1/4" NPT	3/8"-24 Male	1.9 (.9)	7 (178)	2-3/4 (70)

**Tune-Up Kit: No. 96179** • Additional Specifications: Air Pressure 90 PSIG (6.2 Bar)

### 3" Diameter, 7° Offset, Rear Exhaust

- 7° offset ergonomic design for control and comfort.
- High torque planetary-gear air motor; muffler reduces sound level.
- Standard rotary action.

#### Model 51400 3,200 RPM

#### Model 51401 5,000 RPM

- Includes 50126 Hook-Face Pad, 90027 Terry Cloth Bonnet and 90028 Wool Buffering Bonnet.
- 3/8"-24 Male Thread.

#### 51405 Versatility Kit

- Includes: 51400 air tool; 3" hook-face backing pad, terry cloth bonnet, wool bonnet and foam "flat face" pad; Dynabrade Finesse-It Creme; Dynabrade Glaze and 14 mm open end wrench (not shown).



Model 51400 achieves high gloss finish when used with 95723 Dynabrade Finesse Sanding Creme and 95727 Dynabrade Glaze (each sold separately).



Model Number	Motor hp (W)	Motor RPM	Sound Level	Maximum Air Flow SCFM (LPM)	Hose I.D. Size Inch (mm)	Air Inlet Thread	Tool Thread	Weight Pound (kg)	Length Inch (mm)	Height Inch (mm)
51400	.4 (298)	3,200	80 dB(A)	24 (680)	3/8 (10)	1/4" NPT	3/8"-24 Male	1.7 (.8)	8-3/4 (222)	4-1/4 (108)
51401	.4 (298)	5,000	78 dB(A)	24 (680)	3/8 (10)	1/4" NPT	3/8"-24 Male	1.7 (.8)	8-3/4 (222)	4-1/4 (108)

**Tune-Up Kit: No. 96174** (page 192) • Additional Specifications: Air Pressure 90 PSIG (6.2 Bar)



# 5"-8" Diameter Buffers

.4 hp and .7 hp, Air-Powered Buffing Tools

**ABRASIVE CAPACITY**  
**POLISHING ACCESSORIES**  
 5", 6" and 8" diameter  
 (127 mm, 152 mm, 203 mm)

Excellent for Buffing and Polishing Fiberglass, Plastics and Other Materials

5" Diameter, 7° Offset, .4 hp

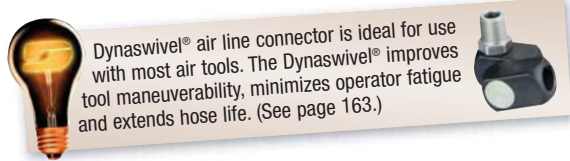
**Model 51430 3,200 RPM**

- Includes 50147 Hook-Face Pad and 90040 Foam "Flat Face" Buffing Pad.
- Shown with optional 13141 Side Handle/Collar Assembly.
- 3/8"-24 Male Thread.
- Extended muffler design.



Model 51430

**Rotary Orbital Motion**  
 (All models on page)



Dynaswivel® air line connector is ideal for use with most air tools. The Dynaswivel® improves tool maneuverability, minimizes operator fatigue and extends hose life. (See page 163.)

5" - 8" Diameter, 7° Offset, .7 hp

- Conventional rotary action.
- 7° offset ergonomic design for control and comfort.
- High torque planetary-gear air motor; muffler reduces sound level.
- Includes safety-lock lever and soft-grip handle.
- Backup pad and polishing pad sold separately.

**Model 51450 3,400 RPM, 5/8"-11 Male Thread**

**Model 51451 4,500 RPM, 5/8"-11 Male Thread**

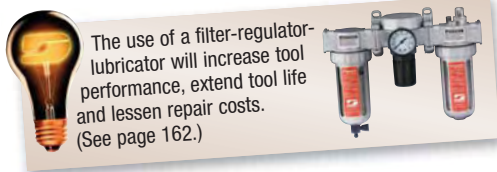
**Model 51454 3,400 RPM, M14 Male Thread**

**Model 51455 4,500 RPM M14 Male Thread**



Model 51450

51450 Polisher shown with optional backup pad and optional polishing pad.



The use of a filter-regulator-lubricator will increase tool performance, extend tool life and lessen repair costs. (See page 162.)

Model Number	Motor hp (W)	Motor RPM	Sound Level	Maximum Air Flow SCFM (LPM)	Hose I.D. Size Inch (mm)	Air Inlet Thread	Tool Thread	Weight Pound (kg)	Length Inch (mm)	Height Inch (mm)
51430	.4 (298)	3,200	80 dB(A)	24 (680)	3/8 (10)	1/4" NPT	3/8"-24 Male	2.4 (1.1)	9-3/4 (248)	4-1/2 (114)
51450/51454	.7 (522)	3,400	78 dB(A)	46 (1,303)	3/8 (10)	1/4" NPT	5/8"-11 Male/M14	4.1 (1.9)	10-4/5 (275)	5-4/5 (148)
51451/51455	.7 (522)	4,500	79 dB(A)	46 (1,303)	3/8 (10)	1/4" NPT	5/8"-11 Male/M14	4.1 (1.9)	10-4/5 (275)	5-4/5 (148)

Tune-Up Kit: 6" Models – No. 96234; Collet Models – No. 96174 (page 192) • Additional Specifications: Air Pressure 90 PSIG (6.2 Bar)





# 6"-8" Diameter Buffers

## 1 hp, Air-Powered Buffing Tools

**ABRASIVE CAPACITY**  
**POLISHING BUFFS**  
 6"-8" diameter  
 (152 mm - 203 mm)

For Quick and Easy Spot Repair on a Variety of Surfaces

### 6"-8" Diameter, .7 hp

- Ideal for use with optional 6" to 8" buffing accessories. Safety-lock throttle included.

#### 5/8"-11 Male Thread

**Model 51470** 0-2,000 RPM

**Model 51472** 0-3,100 RPM

#### M14 Male Thread

**Model 51600** 0-2,000 RPM

**Model 51601** 0-3,100 RPM

**50791 Accessory Kit** 6" Diameter

**50792 Accessory Kit** 8" Diameter

- Includes 50828 (6" dia.) or 50829 (8" dia.) Disc Pad; 96302 Overhose Assembly; 96323 Air Line 3/8"; 95848 Gear Oil (2.5 oz. tube); 95542 Grease; 95541 Grease Gun (2).

**NOTE:** For old-style tools 50816, 50823 and 50851, order 50797 (6" dia.) or 50798 (8" dia.) Accessory Kit.



Model Number	Motor hp (W)	Motor RPM	Sound Level	Maximum Air Flow SCFM (LPM)	Hose I.D. Size Inch (mm)	Air Inlet Thread	Tool Thread	Weight Pound (kg)	Length Inch (mm)	Height Inch (mm)
51470/51600	.7 (522)	0-2,000	82 dB(A)	41 (1,161)	3/8 (10)	1/4" NPT	5/8"-11 Male/M14	4.8 (2.2)	13 (330)	3-1/8 (79)
51472/51601	.7 (522)	0-3,100	80 dB(A)	41 (1,161)	3/8 (10)	1/4" NPT	5/8"-11 Male/M14	4.8 (2.2)	13 (330)	3-1/8 (79)

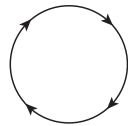
**Tune-Up Kit:** 6"-8" Models – No. 96178 (page 192) • Additional Specifications: Air Pressure 90 PSIG (6.2 Bar)

### 6"-8" Diameter, .7 hp

**Model 51459** 5/8"-11 Male Thread

**Model 51458** M14 x 2 Male Thread

- .7 hp air motor, running at 2,500 RPM.
- Standard safety-lock lever.
- Shown with optional 50853 Backup Pad and optional 90082 Polishing Pad.



**Rotary Orbital Motion**  
 (All models on page)



Model Number	Motor hp (W)	Motor RPM	Maximum Air Flow SCFM (LPM)	Hose I.D. Size Inch (mm)	Air Inlet Thread	Air Pressure PSIG (Bar)	Weight Pound (kg)	Length Inch (mm)	Height Inch (mm)
51458/51459	.7 (522)	2,500	27 (765)	3/8 (10)	1/4" NPT	90 (6.2)	5.3 (2.4)	11-3/4 (301)	4 (102)

**Tune-Up Kit:** 51459 – No. 96672; 51458 – No. 96532 (page 192)

### 6"-8" Diameter, 1 hp

- Ideal for use with optional 6" to 8" buffing accessories.
- Highest quality air motor has variable speed.
- Planetary gear set is easily lubricated for extended tool life.
- Safety-lock throttle and soft-grip handle (adjusts to left or right hand).

#### 5/8"-11 Male Thread

**Model 51390** 1,250 RPM

**Model 51391** 1,800 RPM

**Model 51392** 2,800 RPM

**Model 51393** 4,500 RPM

#### M14 Male Thread

**Model 51394** 1,250 RPM

**Model 51395** 1,800 RPM

**Model 51396** 2,800 RPM

**Model 51397** 4,500 RPM



Model Number	Motor hp (W)	Motor RPM	Sound Level	Maximum Air Flow SCFM (LPM)	Hose I.D. Size Inch (mm)	Air Inlet Thread	Tool Thread	Weight Pound (kg)	Length Inch (mm)	Height Inch (mm)
51390/51394	1 (744)	1,250	83 dB(A)	42 (1,201)	3/8 (10)	3/8" NPT	5/8"-11 Male/M14	4.5 (2.1)	13-1/8 (333)	3-3/4 (95)
51391/51395	1 (744)	1,800	82 dB(A)	42 (1,187)	3/8 (10)	3/8" NPT	5/8"-11 Male/M14	4.5 (2.1)	13-1/8 (333)	3-3/4 (95)
51392/51396	1 (744)	2,800	80 dB(A)	41 (1,167)	3/8 (10)	3/8" NPT	5/8"-11 Male/M14	4.5 (2.1)	13-1/8 (333)	3-3/4 (95)
51393/51397	1 (744)	4,500	79 dB(A)	35 (997)	3/8 (10)	3/8" NPT	5/8"-11 Male	4.0 (1.8)	11-11/16 (296)	3-3/4 (95)

**Tune-Up Kit:** No. 96532 (page 192) • Additional Specifications: Air Pressure 90 PSIG (6.2 Bar)



# Straight-Line Buffer

**.4 hp and .7 hp, Air-Powered Models**

**ABRASIVE CAPACITY**  
**VARIOUS BUFFING AND POLISHING ACCESSORIES**

**Excellent for Buffing and Polishing Fiberglass, Plastics and Other Materials**

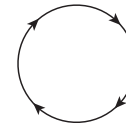
**Straight-Line, Rear Exhaust**

- Shown with optional 95749 Mandrel (1/2") and optional 90024 Cotton Buff Wheels (4" dia. x 1/2" wide).
- Planetary gear allows tool to run at proper speed under load to achieve desired finish.



Model 52101

Mandrel and Wheels Sold Separately



**Rotary Orbital Motion**  
 (All models on page)

**.4 hp, 1/4" Collet**

**Model 51200 950 RPM**

**Model 51201 3,200 RPM**

**Model 51202 5,000 RPM**

**.4 hp, 6 mm Collet**

**Model 51203 950 RPM**

**Model 51204 3,200 RPM**

**Model 51205 5,000 RPM**

**.7 hp, 1/4" Collet**

**Model 52100 950 RPM**

**Model 52101 3,400 RPM**

**Model 52102 4,500 RPM**

**.7 hp, 6 mm Collet**

**Model 52103 950 RPM**

**Model 52104 3,400 RPM**

**Model 52105 4,500 RPM**

Model Number	Motor hp (W)	Motor RPM	Sound Level	Maximum Air Flow SCFM (LPM)	Hose I.D. Size Inch (mm)	Air Inlet Thread	Tool Thread	Weight Pound (kg)	Length Inch (mm)	Height Inch (mm)
51200/51203	.4 (298)	950	82 dB(A)	23 (651)	1/4 (6)	1/4" NPT	3/8"-24 Male	2.1 (1.0)	10-3/8 (264)	1-5/8 (40)
51201/51204	.4 (298)	3,200	81 dB(A)	23 (651)	1/4 (6)	1/4" NPT	3/8"-24 Male	1.8 (0.8)	9-1/8 (232)	1-5/8 (40)
51202/51205	.4 (298)	5,000	84 dB(A)	23 (651)	1/4 (6)	1/4" NPT	3/8"-24 Male	1.8 (0.8)	9-1/8 (232)	1-5/8 (40)
52100/52103	.7 (522)	950	84 dB(A)	34 (957)	3/8 (10)	1/4" NPT	1/2"-20 Male	3.6 (1.6)	12-1/2 (318)	1-7/8 (48)
52101/52104	.7 (522)	3,400	82 dB(A)	35 (977)	3/8 (10)	1/4" NPT	1/2"-20 Male	2.7 (1.2)	9-1/2 (241)	1-7/8 (48)
52102/52105	.7 (522)	4,500	82 dB(A)	35 (977)	3/8 (10)	1/4" NPT	1/2"-20 Male	2.7 (1.2)	9-1/2 (241)	1-7/8 (48)

**Tune-Up Kit:** .4 hp Tools – No. 96173; .7 hp Tools – No. 96260 (page 192) • Additional Specifications: Air Pressure 90 PSIG (6.2 Bar)

# Electric Buffer

**Electric Large Diameter Polishing Tool**

**ABRASIVE CAPACITY**  
**POLISHING PADS AND BUFFS**  
 6" - 8" (152 mm - 203 mm) dia.

**Achieve Fine Finish on a Variety of Surfaces**

**Model 51610**

**120 V (AC), 5/8"-11 Male Thread**

- 9 amp motor, 0-3,000 RPM (variable RPM dial).
- Double-insulated (Class II) housing, 8 ft. (2.44 m) flexible cord, and built-in tool rest.
- Shown with optional 50853 Backup Pad and optional 90082 Polishing Pad.



Model 51610

**120 V (AC)**



Model Number	Motor RPM	Maximum Watts Out	Voltage	Current Amps	Phase	Frequency	Weight Pound (kg)	Length Inch (mm)	Height Inch (mm)
51610	0 - 3,000	835	120 V (AC)	9	1	60 Hz	4.9 (2.2)	16-5/8 (423)	5 (127)





# Random Orbital Polishers

## Air and Electric Large Diameter Polishing Tools

**ABRASIVE CAPACITY**  
**POLISHING PADS AND BUFFS**  
 7" - 8" (178 mm - 203 mm) dia.

**Random Orbital Polishing Leaves No Haze, Halo or Swirl Marks**

- Unique random orbital motion minimizes “haze” and “halo” effects, while reducing “burn through” of top coats and sealants. No haze, no halo, no swirls!
- Innovative polishing head (see below) with streamlined, lightweight design for maximum operator comfort.
- Each model includes 7" (178 mm) diameter Backing Pad (50855). Shown with optional 90082 Polishing Bonnet.

**PREMIUM Air-Powered**

**Model 51447 5/8"-11 Male Thread**

**Model 51449 M14 x 2 Male Thread**

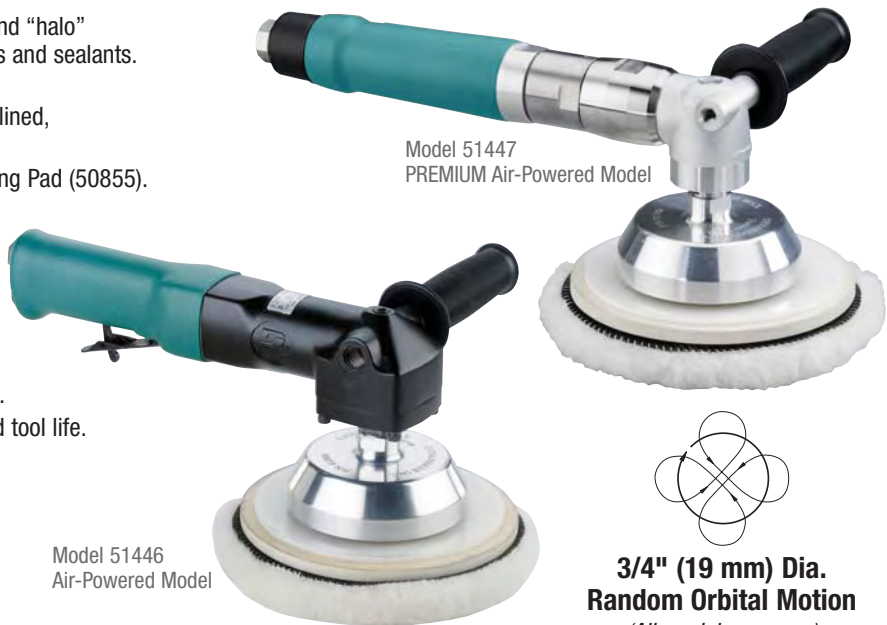
- High-quality 1 hp air motor, running at 2,800 RPM.
- Planetary gear set is easily lubricated for extended tool life.

**Air-Powered**

**Model 51446 5/8"-11 Male Thread**

**Model 51448 M14 x 2 Male Thread**

- .7 hp air motor, running at 2,500 RPM.



Model 51447  
 PREMIUM Air-Powered Model

Model 51446  
 Air-Powered Model

**3/4" (19 mm) Dia.**  
**Random Orbital Motion**  
*(All models on page)*

Model Number	Motor hp (W)	Motor RPM	Maximum Air Flow SCFM (LPM)	Hose I.D. Size Inch (mm)	Air Inlet Thread	Air Pressure PSIG (Bar)	Weight Pound (kg)	Length Inch (mm)	Height Inch (mm)
51446/51448	.7 (522)	2,500	27 (765)	3/8 (10)	1/4" NPT	90 (6.2)	6.3 (2.9)	14-3/8 (366)	5-3/8 (135)
51447/51449	1 (744)	2,800	41 (1,167)	3/8 (10)	3/8" NPT	90 (6.2)	5.8 (2.7)	14-3/8 (366)	5-3/8 (135)

Tune-Up Kit: 51446 – No. 96672; 51448 – No. 96532 (page 192)

**Electric-Powered**

**Model 51614**

**120 V (AC), 5/8"-11 Male Thread**

- 9 amp motor, 0-3,000 RPM (variable RPM dial).
- Double-insulated (Class II) housing, 8 ft. (2.44 m) flexible cord, and built-in tool rest.
- 89272 Brush Set Assembly may be ordered separately.
- Includes 7" (178 mm) diameter Backing Pad (50855). Shown with optional 90082 Polishing Bonnet.



Model 51614

**120 V (AC)**



Model Number	Motor RPM	Maximum Watts Out	Voltage	Current Amps	Phase	Frequency	Weight Pound (kg)	Length Inch (mm)	Height Inch (mm)
51614	0 - 3,000	835	120 V (AC)	9	1	60 Hz	8.8 (3.9)	18-7/8 (480)	6-3/4 (172)

**Random Orbital Head Kit**

- Converts standard rotary tool (up to 3,200 RPM) to a Random Orbital Polisher!
- Kit Includes Random Orbital Polishing Head, 50855 Hook-Face Backing Pad (7" [178 mm] diameter), 90082 Natural Sheepskin Polishing Pad (7" [178 mm] diameter) and 50679 Wrench (26 mm).

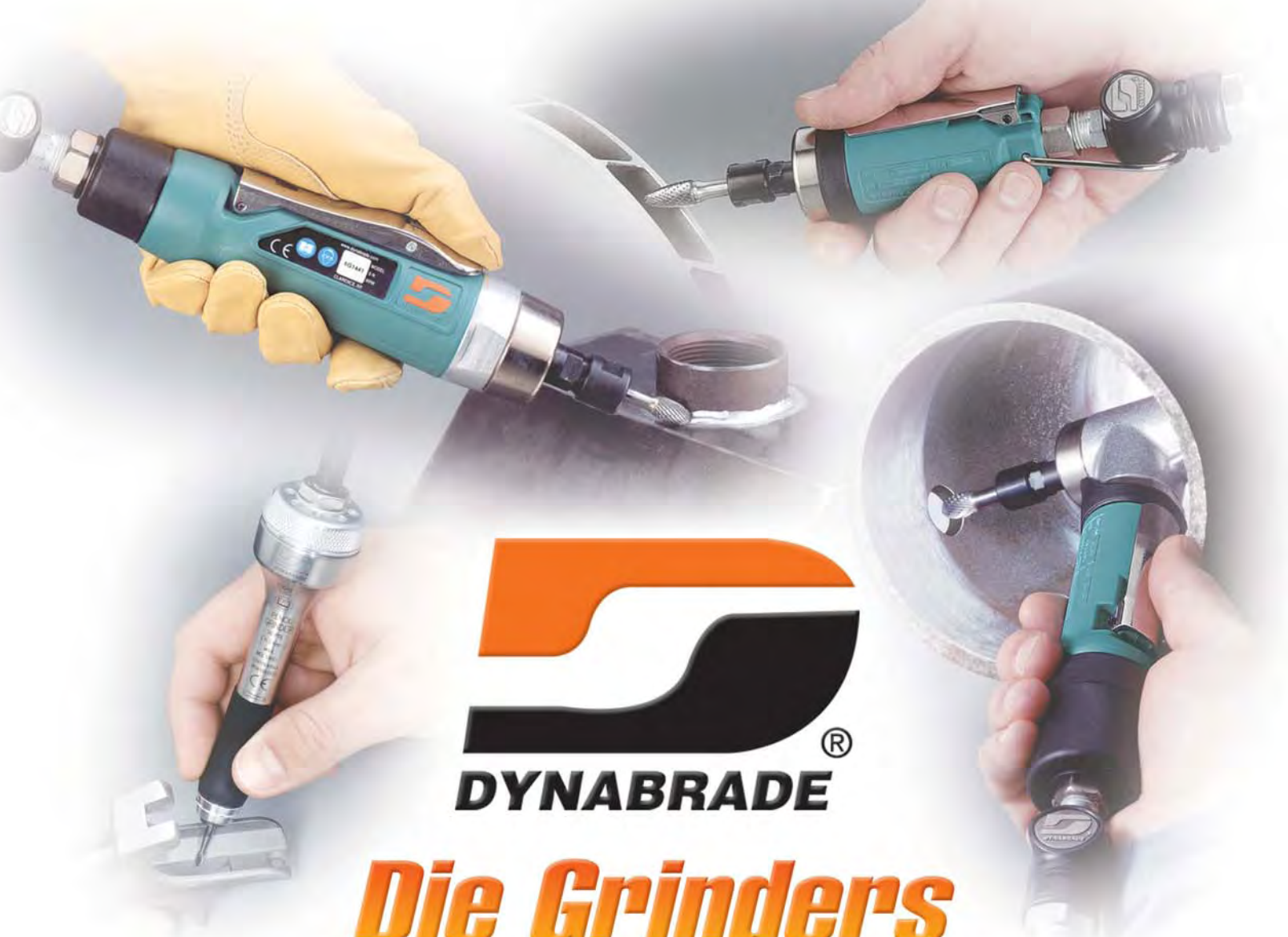


61374 Random Orbital Head Kit  
 (USA Patent no. 7,022,002)

**61374 5/8"-11 Female Thread**

**61375 M14 x 2 Female Thread**





# ***Die Grinders***

Pencil Grinders .....	92	0.55 hp Die Grinder .....	104
0.33 hp, 0.4 hp Die Grinders .....	95	0.7 hp Die Grinders .....	105
0.4 hp Die Grinders .....	96	1.0 hp Die Grinders .....	107
0.5 hp Die Grinders .....	101		



***Continued Leadership In Portable Abrasive Power Tool Technology***

***[www.dynabrade.com](http://www.dynabrade.com)***



# Pencil Grinders

## Rotary Vane Air Motor Models

**ABRASIVE CAPACITY**  
CARBIDE BURRS, ROTARY FILES, MOUNTED POINTS, WHEELS AND DISCS

**NEW!**

### Precision Deburring and Finishing on a Variety of Surfaces

- An ideal tool for use in casting houses, effective on cast parts of aluminum, bronze and brass. Quickly and efficiently removes gates and parting lines in cast parts.
- High-efficiency rotary vane air motor.
- Adjustable tool speed from 5,000 RPM to 25,000 RPM.
- Operate tool and adjust speed by simply rotating rear black cover.
- Tactile grip on shaft end allows fingertip control, and alerts operator to rotating collet area.
- Changing of attachment is achieved with easy, two-wrench maneuver.
- Unique housing shape allows tool to be held as a traditional Die Grinder.



Model 52861



Model 52861

Rotary Vane Pencil Grinder is ideal for precision deburring.

**Model 52861**  
1/8" Collet

**Model 52862**  
3 mm Collet

**Model 52863**  
1/4" Collet

**Model 52864**  
6 mm Collet



52898 Thread Guard  
**Optional Thread Guard** allows easy access to collet cap. With Thread Guard in place, larger diameter accessories may be run by tool. (All accessories must have maximum operating speed of 25,000 RPM).

Model Number	Motor hp (W)	Collet Size	Motor RPM	Exhaust	Maximum Air Flow SCFM (LPM)	Air Pressure PSIG (Bar)	Hose I.D. Size Inch (mm)	Air Inlet Thread	Weight Pound (kg)	Length Inch (mm)	Diameter Inch (mm)
52861	0.4 (298)	1/8"	25,000	Rear	20 (566)	90 (6.2)	1/4 (6)	1/4" NPT	1.1 (.48)	5.66 (144)	1-1/2 (39)
52862	0.4 (298)	3 mm	25,000	Rear	20 (566)	90 (6.2)	1/4 (6)	1/4" NPT	1.1 (.48)	5.66 (144)	1-1/2 (39)
52863	0.4 (298)	1/4"	25,000	Rear	20 (566)	90 (6.2)	1/4 (6)	1/4" NPT	1.1 (.48)	5.66 (144)	1-1/2 (39)
52864	0.4 (298)	6 mm	25,000	Rear	20 (566)	90 (6.2)	1/4 (6)	1/4" NPT	1.1 (.48)	5.66 (144)	1-1/2 (39)

# Pencil Grinders

## Turbine-Driven Air Motor Models

**ABRASIVE CAPACITY**  
CARBIDE BURRS, ROTARY FILES, MOUNTED POINTS, WHEELS AND DISCS

### Precision Deburring and Finishing on a Variety of Surfaces

- High-efficiency air motor has no wearable gears, vanes or blades. Oil-free operation minimizes maintenance time and repair costs.
- Air motor is controlled with patented governor, providing constant tool speed under load.
- Quality high-speed bearings are included.
- Housing has "non slip" rubber grip for additional control.
- Tactile cues on shaft end alert operator to rotating collet area.
- Changing of attachment is achieved with easy, two-wrench maneuver.
- Includes high-quality flexible air hose.



Model 51810



Model 51810

100,000 RPM Pencil Grinder offers enhanced cut rate.



# Pencil Grinders

## Turbine-Driven Air Motor Models

**ABRASIVE CAPACITY**  
**CARBIDE BURRS, ROTARY FILES, MOUNTED POINTS, WHEELS AND DISCS**

Precision Deburring and Finishing on a Variety of Surfaces

**35,000 RPM** with **RED** Tool Cap

**Model 51706**  
 1/8" Collet

**Model 51756**  
 1/8" Collet, Extension Model

**Model 51707**  
 3 mm Collet

**Model 51708**  
 3/32" Collet

Model 51756  
**Extension Model** provides additional reach.



**50,000 RPM** with **GOLD** Tool Cap

**Model 51703**  
 1/8" Collet

**Model 51730**  
 1/8" Collet, Ceramic Bearings

**Model 51753**  
 1/8" Collet, Extension Model

**Model 51704**  
 3 mm Collet

**Model 51732**  
 3 mm Collet, Ceramic Bearings

**Model 51705**  
 3/32" Collet

Model 51730  
**Ceramic Bearings** provide better performance and durability with regard to high shaft speeds, dirt, extreme temperature and corrosion.



**60,000 RPM** with **TEAL** Tool Cap

**Model 51700**  
 1/8" Collet

**Model 51731**  
 1/8" Collet, Ceramic Bearings

**Model 51740**  
 1/8" Collet, Mount Stem

**Model 51750**  
 1/8" Collet, Extension Model

**Model 51701**  
 3 mm Collet

**Model 51733**  
 3 mm Collet, Ceramic Bearings

**Model 51742**  
 3 mm Collet, Mount Stem

**Model 51702**  
 3/32" Collet

Model 51740  
**Mount Stem** for use on robotic arms and other fixed mount applications.



**100,000 RPM Models** with **SILVER** Tool Cap

- Speed of 100,000 RPM offers enhanced cut rate. Ideal for use on metals, alloys, graphite, wood, glass and resin with high glass content.

**Model 51810** 1/8" Collet

**Model 51812** 3/32" Collet

**Model 51811** 1/16" Collet

**Model 51813** 3 mm Collet

Model 51810



Model Number	Motor RPM	Exhaust	Maximum Air Flow SCFM (LPM)	Air Pressure PSIG (Bar)	Hose I.D. Size Inch (mm)	Air Inlet Thread	Weight Pound (kg)	Length Inch (mm)	Height Inch (mm)
51706-51708	35,000	Rear	8 (227)	90 (6.2)	1/4 (6)	1/4" NPT	0.8 (0.4)	5-1/4 (132)	1-1/2 (39)
51756	35,000	Rear	8 (227)	90 (6.2)	1/4 (6)	1/4" NPT	0.8 (0.4)	6 (152)	1-1/2 (39)
51703-51705	50,000	Rear	8 (227)	90 (6.2)	1/4 (6)	1/4" NPT	0.8 (0.4)	5-1/4 (132)	1-1/2 (39)
51730/51732	50,000	Rear	8 (227)	90 (6.2)	1/4 (6)	1/4" NPT	0.8 (0.4)	5-1/4 (132)	1-1/2 (39)
51753	50,000	Rear	8 (227)	90 (6.2)	1/4 (6)	1/4" NPT	0.8 (0.4)	6 (152)	1-1/2 (39)
51700-51702	60,000	Rear	8 (227)	90 (6.2)	1/4 (6)	1/4" NPT	0.8 (0.4)	5-1/4 (132)	1-1/2 (39)
51731/51733	60,000	Rear	8 (227)	90 (6.2)	1/4 (6)	1/4" NPT	0.8 (0.4)	5-1/4 (132)	1-1/2 (39)
51740/51742	60,000	Rear	8 (227)	90 (6.2)	1/4 (6)	1/4" NPT	0.5 (0.2)	7-3/16 (182)	1-1/2 (39)
51750	60,000	Rear	8 (227)	90 (6.2)	1/4 (6)	1/4" NPT	0.8 (0.4)	6 (152)	1-1/2 (39)
51810-51813	100,000	Rear	6 (170)	90 (6.2)	1/4 (6)	1/4" NPT	.84 (.38)	5-5/16 (135)	1-1/2 (39)





# The Choice Is Yours

## Dynabrade Die Grinders Offered in a Variety of Configurations

### G geared and Gearless Tool Offerings

- Geared Tools generally have higher torque levels, while gearless tools offer reduced maintenance and downtime.

#### Two Types of Gearing

- **Planetary gears** are inline speed reduction gears. The higher the reduction, the higher the torque levels.
- **Right angle bevel gears** turn the spindle of the machine 90° from the motor. Typically there is a speed reduction but not as high as planetary gears.

### Gearless Tools

- Gearless tools have lower vibration levels due to the omission of transmitting power through gears.
- They offer longer tool life with fewer wearable parts, resulting in reduced maintenance and downtime.
- Among tools with the same horsepower rating, gearless tools will generally have lower torque levels than geared tools.
- Look for the gearless icon (right) to quickly identify a gearless model.



### Exhaust and Muffler Offerings

- Choose from front exhaust, rear exhaust (with extended muffler), and rear exhaust (with standard muffler).

#### Front Exhaust

- Front exhaust tools direct debris away from the work surface, and do not have a sound-reducing muffler.



#### Rear Exhaust

- **Extended muffler design** is ideal for larger hands, as the tool length is extended to accommodate the higher performing, dual-muffling technology.



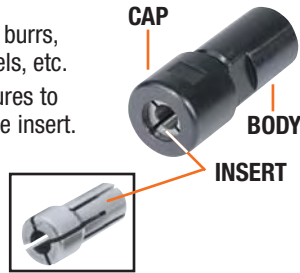
- Abbreviated length of **standard muffler** is ideal for smaller hands.



## Die Grinder Collets and Inserts *Dynabrade Die Grinders Feature Precision-Made Collets and Inserts*

### Terminology

- **COLLET:** Device used to hold carbide burrs, rotary files, mounted points and wheels, etc.
- **BODY:** The part of the collet that secures to the spindle of the tool and accepts the insert.
- **CAP:** Secures collet body and retains insert.
- **INSERT:** The collapsible portion of the collet that retains the shank of the inserted tool.



### Collet Assembly Types

- **Two-Piece:** Insert threads into body.
- **Three-Piece:** Insert slips into body; cap threads to body, retaining the insert.
- **Four-Piece:** Insert slips into body; cap slips over body; nut retains cap and insert.
- **Integrated:** Collet body is integrated into tool.



TOOL THREAD...	...CHOOSE COLLET...			...THEN CHOOSE COMPATIBLE COLLET INSERT					
	Collet Size	Collet Part Number	Collet Type	1/8"	1/4"	3/8"	3 mm	6 mm	8 mm
3/8"-24 Male	1/4"	50010	3-Piece	50065	50013*	50014		50016	50039
	6 mm	50015	3-Piece	50065	50013	50014		50016*	50039
M8x1 Male	1/4"	50020	2-Piece	01647	01644*		01648	01646	
	1/4"	50080	3-Piece	01495	01485*		01496	01497	
	6 mm	50079	3-Piece	01495	01485		01496	01497*	
	1/4"	51124	4-Piece	01495	01485*		01496	01497	
	6 mm	51125	4-Piece	01495	01485		01496	01497*	
	3/8"	50018	3-Piece	50065	50013	50014*		50016	50039
5/16"-24 Male	1/4"	51106	4-Piece	01495	01485*		01496	01497	
	6 mm	51110	4-Piece	01495	01485		01496	01497*	
1/2"-20 Male	1/4"	50066	3-Piece	50065	50013*	50014		50016	50039
	6 mm	50073	3-Piece	50065	50013	50014		50016*	50039
1/4"-28 Female	1/4"	50055	2-Piece	50034					
<b>Integrated Collets:</b>									
.4 hp Rt. Angle Die Grinders				01495	01485		01496	01497	
Mini-Dynaflex® II				01647	01644		01648	01646	

\*Denotes Standard Insert Included with Collet

# .33 hp Die Grinder

## Right Angle, Gearless, Rear Exhaust

**ABRASIVE CAPACITY**  
CARBIDE BURRS, ROTARY FILES, MOUNTED POINTS, WHEELS AND DISCS

High Quality Air-Powered Die Grinders

### Model 52196 18,000 RPM, 1/4" Collet

- Powerful high-torque air motor.
- Gearless for reduced maintenance and downtime.
- Optional safety-lock lever available.
- Thermal-insulated handle reduces cold air transmission to operator.

Optional 94994 Overhose Assembly may be used to further reduce noise levels by as much as 5 dB(A). Overhose redirects exhaust away from operator and workpiece. Air line sold separately. (See page 157.)



Model Number	Motor hp (W)	Motor RPM	Sound Level	Maximum Air Flow SCFM (LPM)	Hose I.D. Size Inch (mm)	Air Inlet Thread	Tool Thread	Weight Pound (kg)	Length Inch (mm)	Height Inch (mm)
52196	.33 (246)	18,000	81 dB(A)	20 (567)	1/4 (6)	1/4" NPT	3/8"-24 Male	1.9 (0.8)	4-1/2 (114)	3-7/8 (98)

Tune-Up Kit: No. 96505 (page 192) • Additional Specifications: Air Pressure 90 PSIG (6.2 Bar)

# .4 hp Die Grinder

## Angle-Head, Planetary Geared, Rear Exhaust

**ABRASIVE CAPACITY**  
CARBIDE BURRS, ROTARY FILES, MOUNTED POINTS, WHEELS AND DISCS

High Quality Air-Powered Die Grinders

### Model 53420 3,200 RPM, 1/4" Collet

- Includes 50055 Collet Assembly and extended rear exhaust muffler to reduce noise levels.
- Optional 54585 Side Handle Assembly is available.
- Lightweight thermal-insulated housing reduces cold air transmission and vibration to the operator.

The use of a filter-regulator-lubricator will increase tool performance, extend tool life and lessen repair costs. (See page 162.)



Model Number	Motor hp (W)	Motor RPM	Sound Level	Maximum Air Flow SCFM (LPM)	Hose I.D. Size Inch (mm)	Air Inlet Thread	Tool Thread	Weight Pound (kg)	Length Inch (mm)	Height Inch (mm)
53420	.4 (298)	3,200	83 dB(A)	23 (650)	1/4 (6)	1/4" NPT	1/4"-28 Female	1.9 (0.9)	11-3/8 (289)	2-1/8 (54)

Tune-Up Kit: No. 96333 (page 192) • Additional Specifications: Air Pressure 90 PSIG (6.2 Bar)





# .4 hp Die Grinders

## Straight-Line, Planetary Geared, Rear Exhaust

**ABRASIVE CAPACITY**  
CARBIDE BURRS, ROTARY FILES, MOUNTED POINTS, WHEELS AND DISCS

### High Quality Air-Powered Die Grinders

- Planetary gear allows tool to run at proper speed under load, maximizing life of cutting accessory.
- Extended muffler design.

**Model 51200**  
950 RPM, 1/4" Collet

**Model 51203**  
950 RPM, 6 mm Collet

**Model 51201**  
3,200 RPM, 1/4" Collet

**Model 51204**  
3,200 RPM, 6 mm Collet

**Model 51202**  
5,000 RPM, 1/4" Collet

**Model 51205**  
5,000 RPM, 6 mm Collet

Model 51200



Model Number 1/4" / 6 mm	Motor hp (W)	Motor RPM	Sound Level	Maximum Air Flow SCFM (LPM)	Hose I.D. Size Inch (mm)	Air Inlet Thread	Tool Thread	Weight Pound (kg)	Length Inch (mm)	Height Inch (mm)
51200 / 51203	.4 (298)	950	78 dB(A)	23 (651)	1/4 (6)	1/4" NPT	3/8"-24 Male	2.1 (1.0)	10-3/8 (264)	1-5/8 (40)
51201 / 51204	.4 (298)	3,200	77 dB(A)	23 (651)	1/4 (6)	1/4" NPT	3/8"-24 Male	1.8 (0.8)	9-1/8 (232)	1-5/8 (40)
51202 / 51205	.4 (298)	5,000	80 dB(A)	23 (651)	1/4 (6)	1/4" NPT	3/8"-24 Male	1.8 (0.8)	9-1/8 (232)	1-5/8 (40)

Tune-Up Kit: No. 96173 (page 192) • Additional Specifications: Air Pressure 90 PSIG (6.2 Bar)

# .4 hp Die Grinders

## Straight-Line, Gearless, Rear Exhaust

**ABRASIVE CAPACITY**  
CARBIDE BURRS, ROTARY FILES, MOUNTED POINTS, WHEELS AND DISCS

### High Quality Air-Powered Die Grinders

- Gearless motors decrease downtime and lessen repair expense when compared to geared tools.
- Collet design reduces run-out.
- Extended muffler design.

**Model 52201**  
25,000 RPM, 1/4" Collet

**Model 52231**  
25,000 RPM, 6 mm Collet

**Model 52203**  
30,000 RPM, 1/4" Collet

**Model 52233**  
30,000 RPM, 6 mm Collet

Model 52201



Dynaswivel® air line connector is ideal for use with most air tools. The Dynaswivel® improves tool maneuverability, minimizes operator fatigue and extends hose life. (See page 163.)



**Gearless**

Model Number 1/4" / 6 mm	Motor hp (W)	Motor RPM	Sound Level	Maximum Air Flow SCFM (LPM)	Hose I.D. Size Inch (mm)	Air Inlet Thread	Tool Thread	Weight Pound (kg)	Length Inch (mm)	Height Inch (mm)
52201 / 52231	.4 (298)	25,000	73 dB(A)	22 (623)	1/4 (6)	1/4" NPT	–	1.0 (0.5)	7-1/8 (181)	1-5/8 (41)
52203 / 52233	.4 (298)	30,000	76 dB(A)	23 (651)	1/4 (6)	1/4" NPT	–	1.0 (0.5)	7-1/8 (181)	1-5/8 (41)

Tune-Up Kit: No. 96049 (page 192) • Additional Specifications: Air Pressure 90 PSIG (6.2 Bar)



# .4 hp Die Grinders

## Straight-Line, Gearless, Rear Exhaust

**ABRASIVE CAPACITY**  
**CARBIDE BURRS, ROTARY FILES, MOUNTED POINTS, WHEELS AND DISCS**

**High Quality Air-Powered Die Grinders**

- Gearless motors decrease downtime and lessen repair expense when compared to geared tools.
- Features standard muffler for more compact design.

**Model 52325**  
 25,000 RPM, 1/4" Collet

**Model 52326**  
 25,000 RPM, 6 mm Collet

**Model 52327**  
 30,000 RPM, 1/4" Collet

**Model 52328**  
 30,000 RPM, 6 mm Collet

**Model 52345**  
 30,000 RPM, 1/8" Collet

**Model 52341**  
 30,000 RPM, 1/8" Collet

- Model 52341 includes 94994 Overhose Assembly.



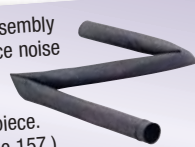
Model 52325



**Gearless**



Optional 94994 Overhose Assembly may be used to further reduce noise levels by as much as 5 dB(A). Overhose redirects exhaust away from operator and workpiece. Air line sold separately. (See page 157.)



Model Number 1/4" / 6 mm	Motor hp (W)	Motor RPM	Sound Level	Maximum Air Flow SCFM (LPM)	Hose I.D. Size Inch (mm)	Air Inlet Thread	Tool Thread	Weight Pound (kg)	Length Inch (mm)	Height Inch (mm)
52325 / 52326	.4 (298)	25,000	81 dB(A)	22 (623)	1/4 (6)	1/4" NPT	—	0.8 (0.4)	5-3/4 (146)	1-5/8 (41)
52327 / 52328	.4 (298)	30,000	83 dB(A)	23 (651)	1/4 (6)	1/4" NPT	—	0.8 (0.4)	5-3/4 (146)	1-5/8 (41)
52345 / —	.4 (298)	30,000	83 dB(A)	23 (651)	1/4 (6)	1/4" NPT	—	0.8 (0.4)	5-3/4 (146)	1-5/8 (41)
52341 / —	.4 (298)	30,000	83 dB(A)	23 (651)	1/4 (6)	1/4" NPT	—	0.8 (0.4)	5-3/4 (146)	1-5/8 (41)

Tune-Up Kit: No. 96049 (page 192) • Additional Specifications: Air Pressure 90 PSIG (6.2 Bar)

# .4 hp Die Grinders

## Straight-Line, Gearless, Front Exhaust

**ABRASIVE CAPACITY**  
**CARBIDE BURRS, ROTARY FILES, MOUNTED POINTS, WHEELS AND DISCS**

**High Quality Air-Powered Die Grinders**

- Gearless motors decrease downtime and lessen repair expense when compared to geared tools.

**Model 52200**  
 25,000 RPM, 1/4" Collet

**Model 52230**  
 25,000 RPM, 6 mm Collet

**Model 52202**  
 30,000 RPM, 1/4" Collet

**Model 52232**  
 30,000 RPM, 6 mm Collet



The use of a filter-regulator-lubricator will increase tool performance, extend tool life and lessen repair costs. (See page 162.)



Model 52200



**Gearless**

Model 52200

Model Number 1/4" / 6 mm	Motor hp (W)	Motor RPM	Sound Level	Maximum Air Flow SCFM (LPM)	Hose I.D. Size Inch (mm)	Air Inlet Thread	Tool Thread	Weight Pound (kg)	Length Inch (mm)	Height Inch (mm)
52200 / 52230	.4 (298)	25,000	75 dB(A)	20 (566)	1/4 (6)	1/4" NPT	—	0.8 (0.4)	5-1/8 (130)	1-5/8 (41)
52202 / 52232	.4 (298)	30,000	88 dB(A)	20 (566)	1/4 (6)	1/4" NPT	—	0.8 (0.4)	5-1/8 (130)	1-5/8 (41)

Tune-Up Kit: No. 96048 (page 192) • Additional Specifications: Air Pressure 90 PSIG (6.2 Bar)





# .4 hp Die Grinders

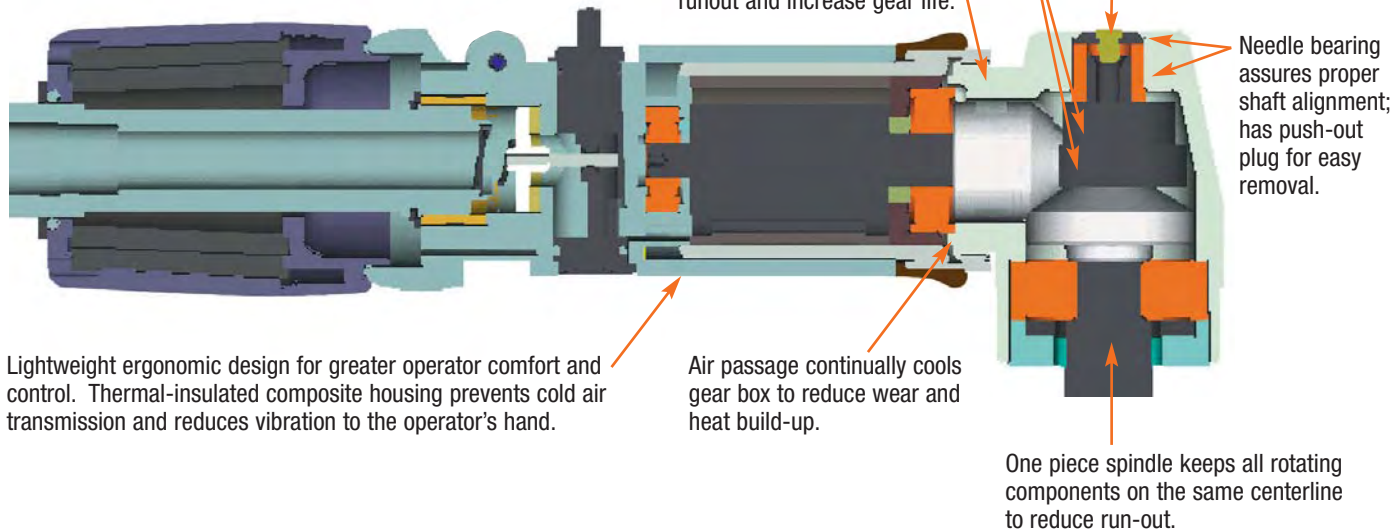
## Right Angle and 7° Offset Models

See Our Features and Benefits: A Picture Says a Thousand Words!

Available in speeds of 3,200 RPM, 5,000 RPM, 12,000 RPM, 15,000 RPM, 20,000 RPM, 25,000 RPM and 30,000 RPM.

Tools include Kevlar® phenolic vanes for longer life.

Registered trademark of DuPont de Nemours, El, & Co., Inc.



Lightweight ergonomic design for greater operator comfort and control. Thermal-insulated composite housing prevents cold air transmission and reduces vibration to the operator's hand.

Features dual wick lubrication system, saturated with gear oil for extended gear life (over 700 hours with proper use of gear oil), increased performance and reduced downtime. Includes gear oil and gun, see opposite page.

### Features and Advantages

- Kevlar® phenolic vanes for longer life.
- Lightweight ergonomic design for greater comfort and control.
- One-piece spindle keeps all rotating components on the same centerline for reduced run-out, which means lower vibration levels and increased gear life.
- Front and rear exhaust models. Air passage to continually cool the gear box – longer gear life!
- Pinion piloted on rotor to reduce run-out and increase gear life.
- Needle bearing assures proper shaft alignment – increases gear life.
- Dual wick lubrication system – saturated with gear oil for extended gear life – over 700 hours. This helps administer the right amount and keep the gear oil on the metal gears.
- Highest horsepower and torque levels of any similar competitive product.

### Benefits

- Increased performance from higher torque levels. You can really “work” these tools. Stall out torque is the highest in the marketplace.
- We use **Gear Oil** as opposed to grease. **Gear Oil** is *specialy formulated to STICK TO METAL*. Grease does not stick and the centrifugal force of the spinning gears throws the grease away from the metal surface.
- Longer gear life means reduced downtime and less costly repairs.
- Front and rear exhaust models – user can decide which configuration is right for them. More choice means more control of their purchase.
- Insulated housings provide “warm tools” for the users and helps prevent worker's injuries like “white finger”.
- Lower vibration levels help prevent worker injuries such as Carpal Tunnel Syndrome. Machines are easier to use because they do not “buzz” in your hands. Workers can use smooth running machines longer.
- Low profile machines are ideal for “hard-to-reach” areas. A performance plus!
- All machines are perfectly compatible with all Dynabrade Accessories. Providing systemized solutions for our customers is a key to Dynabrade's success.



# .4 hp Die Grinders

## Right Angle, Front and Rear Exhaust

**ABRASIVE CAPACITY**  
**CARBIDE BURRS, ROTARY FILES, MOUNTED POINTS, WHEELS AND DISCS**

High Quality Air-Powered Die Grinders

**Front Exhaust Models**

**Model 51800**  
 12,000 RPM, 1/4" Collet

**Model 51801**  
 15,000 RPM, 1/4" Collet

**Model 51802**  
 20,000 RPM, 1/4" Collet

**Model 51803**  
 12,000 RPM, 6 mm Collet

**Model 51804**  
 15,000 RPM, 6 mm Collet

**Model 51805**  
 20,000 RPM, 6 mm Collet

Model 51800



Model Number 1/4" / 6 mm	Motor hp (W)	Motor RPM	Sound Level	Maximum Air Flow SCFM (LPM)	Hose I.D. Size Inch (mm)	Air Inlet Thread	Tool Thread	Weight Pound (kg)	Length Inch (mm)	Height Inch (mm)
51800 / 51803	.4 (298)	12,000	85 dB(A)	21 (595)	1/4 (6)	1/4" NPT	—	1.1 (.5)	5-3/4 (146)	2-7/8 (71)
51801 / 51804	.4 (298)	15,000	84 dB(A)	21 (595)	1/4 (6)	1/4" NPT	—	1.1 (.5)	5-3/4 (146)	2-7/8 (71)
51802 / 51805	.4 (298)	20,000	87 dB(A)	21 (595)	1/4 (6)	1/4" NPT	—	1.1 (.5)	5-3/4 (146)	2-7/8 (71)

Tune-Up Kit: No. 96179 (page 192) • Additional Specifications: Air Pressure 90 PSIG (6.2 Bar)

**Rear Exhaust Models with Extended Muffler**

**Model 50000**  
 12,000 RPM, 1/4" Collet

**Model 50001**  
 15,000 RPM, 1/4" Collet

**Model 50002**  
 20,000 RPM, 1/4" Collet

**Model 50003**  
 12,000 RPM, 6 mm Collet

**Model 50004**  
 15,000 RPM, 6 mm Collet

**Model 50005**  
 20,000 RPM, 6 mm Collet

Model 50000



Model Number 1/4" / 6 mm	Motor hp (W)	Motor RPM	Sound Level	Maximum Air Flow SCFM (LPM)	Hose I.D. Size Inch (mm)	Air Inlet Thread	Tool Thread	Weight Pound (kg)	Length Inch (mm)	Height Inch (mm)
50000 / 50003	.4 (298)	12,000	85 dB(A)	21 (595)	1/4 (6)	1/4" NPT	—	1.2 (.5)	7-3/8 (187)	2-7/8 (73)
50001 / 50004	.4 (298)	15,000	83 dB(A)	21 (595)	1/4 (6)	1/4" NPT	—	1.2 (.5)	7-3/8 (187)	2-7/8 (73)
50002 / 50005	.4 (298)	20,000	86 dB(A)	21 (595)	1/4 (6)	1/4" NPT	—	1.2 (.5)	7-3/8 (187)	2-7/8 (73)

Tune-Up Kit: No. 96179 (page 192) • Additional Specifications: Air Pressure 90 PSIG (6.2 Bar)

**Rear Exhaust Models with Standard Muffler**

**Model 53425**  
 3,200 RPM, 1/4" Collet

**Model 52315**  
 12,000 RPM, 1/4" Collet

**Model 52316**  
 15,000 RPM, 1/4" Collet

**Model 52317**  
 20,000 RPM, 1/4" Collet

**Model 52318**  
 12,000 RPM, 6 mm Collet

**Model 52319**  
 15,000 RPM, 6 mm Collet

**Model 52320**  
 20,000 RPM, 6 mm Collet

Model 52315



Model Number 1/4" / 6 mm	Motor hp (W)	Motor RPM	Sound Level	Maximum Air Flow SCFM (LPM)	Hose I.D. Size Inch (mm)	Air Inlet Thread	Tool Thread	Weight Pound (kg)	Length Inch (mm)	Height Inch (mm)
53425 / —	.4 (298)	3,200	84 dB(A)	21 (595)	1/4 (6)	1/4" NPT	—	1.9 (.9)	7 (178)	2-1/8 (54)
52315 / 52318	.4 (298)	12,000	86 dB(A)	21 (595)	1/4 (6)	1/4" NPT	—	1.1 (.5)	5-3/4 (146)	2-7/8 (71)
52316 / 52319	.4 (298)	15,000	86 dB(A)	21 (595)	1/4 (6)	1/4" NPT	—	1.1 (.5)	5-3/4 (146)	2-7/8 (71)
52317 / 52320	.4 (298)	20,000	87 dB(A)	21 (595)	1/4 (6)	1/4" NPT	—	1.1 (.5)	5-3/4 (146)	2-7/8 (71)

Tune-Up Kit: No. 96179 (page 192) • Additional Specifications: Air Pressure 90 PSIG (6.2 Bar)





# .4 hp Die Grinders

**7° Offset, Front and Rear Exhaust**

**ABRASIVE CAPACITY**  
**CARBIDE BURRS, ROTARY FILES, MOUNTED POINTS, WHEELS AND DISCS**

High Quality Air-Powered Die Grinders

**Front Exhaust Models**

**Model 52204**

25,000 RPM, 1/4" Collet

**Model 52250**

25,000 RPM, 6 mm Collet

**Model 52206**

30,000 RPM, 1/4" Collet

**Model 52252**

30,000 RPM, 6 mm Collet



Model 52204



Model Number 1/4" / 6 mm	Motor hp (W)	Motor RPM	Sound Level	Maximum Air Flow SCFM (LPM)	Hose I.D. Size Inch (mm)	Air Inlet Thread	Tool Thread	Weight Pound (kg)	Length Inch (mm)	Height Inch (mm)
52204 / 52250	.4 (298)	25,000	74 dB(A)	18 (510)	1/4 (6)	1/4" NPT	–	1.0 (.5)	6 (152)	3-3/4 (94)
52206 / 52252	.4 (298)	30,000	78 dB(A)	21 (595)	1/4 (6)	1/4" NPT	–	1.0 (.5)	6 (152)	3-3/4 (94)

Tune-Up Kit: No. 96048 (page 192) • Additional Specifications: Air Pressure 90 PSIG (6.2 Bar)

**Rear Exhaust Models with Extended Muffler**

**Model 52205**

25,000 RPM, 1/4" Collet

**Model 52251**

25,000 RPM, 6 mm Collet

**Model 52207**

30,000 RPM, 1/4" Collet



Model 52205



Model Number 1/4" / 6 mm	Motor hp (W)	Motor RPM	Sound Level	Maximum Air Flow SCFM (LPM)	Hose I.D. Size Inch (mm)	Air Inlet Thread	Tool Thread	Weight Pound (kg)	Length Inch (mm)	Height Inch (mm)
52205 / 52251	.4 (298)	25,000	80 dB(A)	19 (538)	1/4 (6)	1/4" NPT	–	1.3 (.6)	8-1/2 (216)	3-3/4 (94)
52207 / NA	.4 (298)	30,000	76 dB(A)	22 (623)	1/4 (6)	1/4" NPT	–	1.3 (.6)	8-1/2 (216)	3-3/4 (94)

Tune-Up Kit: No. 96049 (page 192) • Additional Specifications: Air Pressure 90 PSIG (6.2 Bar)

**Rear Exhaust Models with Standard Muffler**

**Model 52335**

25,000 RPM, 1/4" Collet

**Model 52331**

25,000 RPM, 6 mm Collet

**Model 52337**

30,000 RPM, 1/4" Collet

**Model 52333**

30,000 RPM, 6 mm Collet



Model 52335



Model Number 1/4" / 6 mm	Motor hp (W)	Motor RPM	Sound Level	Maximum Air Flow SCFM (LPM)	Hose I.D. Size Inch (mm)	Air Inlet Thread	Tool Thread	Weight Pound (kg)	Length Inch (mm)	Height Inch (mm)
52335 / 52331	.4 (298)	25,000	85 dB(A)	18 (510)	1/4 (6)	1/4" NPT	–	1.0 (.5)	6 (152)	3-3/4 (94)
52337 / 52333	.4 (298)	30,000	84 dB(A)	21 (595)	1/4 (6)	1/4" NPT	–	1.0 (.5)	6 (152)	3-3/4 (94)

Tune-Up Kit: No. 96049 (page 192) • Additional Specifications: Air Pressure 90 PSIG (6.2 Bar)

## 7° Offset, Planetary Geared, Rear Exhaust

**Model 51211**

3,200 RPM, 1/4" Collet

**Model 51214**

3,200 RPM, 6 mm Collet

**Model 51212**

5,000 RPM, 1/4" Collet

**Model 51215**

5,000 RPM, 6 mm Collet



Model 51211

All models include  
 Extended Muffler.

Model Number 1/4" / 6 mm	Motor hp (W)	Motor RPM	Sound Level	Maximum Air Flow SCFM (LPM)	Hose I.D. Size Inch (mm)	Air Inlet Thread	Tool Thread	Weight Pound (kg)	Length Inch (mm)	Height Inch (mm)
51211 / 51214	.4 (298)	3,200	80 dB(A)	24 (680)	1/4 (6)	1/4" NPT	3/8"-24 Male	2.1 (.9)	8 (203)	5-1/2 (141)
51212 / 51215	.4 (298)	5,000	78 dB(A)	24 (680)	1/4 (6)	1/4" NPT	3/8"-24 Male	2.1 (.9)	8 (203)	5-1/2 (141)

Tune-Up Kit: No. 96174 (page 192) • Additional Specifications: Air Pressure 90 PSIG (6.2 Bar)



# .5 hp Die Grinders

## Straight-Line, Gearless, Front Exhaust

**ABRASIVE CAPACITY**  
**CARBIDE BURRS, ROTARY FILES, MOUNTED POINTS, WHEELS AND DISCS**

High Quality Air-Powered Die Grinders

- Gearless for reduced maintenance and downtime.

**Model 51300**  
 15,000 RPM, 1/4" Collet

**Model 51310**  
 15,000 RPM, 6 mm Collet

**Model 51301**  
 18,000 RPM, 1/4" Collet

**Model 51311**  
 18,000 RPM, 6 mm Collet

**Model 51302**  
 20,000 RPM, 1/4" Collet

**Model 51312**  
 20,000 RPM, 6 mm Collet

**Model 51303**  
 24,000 RPM, 1/4" Collet

**Model 51313**  
 24,000 RPM, 6 mm Collet



Model 51301



**Gearless**

Model Number 1/4" / 6 mm	Motor hp (W)	Motor RPM	Sound Level	Maximum Air Flow SCFM (LPM)	Hose I.D. Size Inch (mm)	Air Inlet Thread	Tool Thread	Weight Pound (kg)	Length Inch (mm)	Height Inch (mm)
51300 / 51310	.5 (373)	15,000	80 dB(A)	24 (680)	3/8 (10)	1/4" NPT	3/8"-24 Male	1.5 (0.7)	7 (178)	1-7/8 (48)
51301 / 51311	.5 (373)	18,000	81 dB(A)	24 (680)	3/8 (10)	1/4" NPT	3/8"-24 Male	1.5 (0.7)	7 (178)	1-7/8 (48)
51302 / 51312	.5 (373)	20,000	82 dB(A)	25 (708)	3/8 (10)	1/4" NPT	3/8"-24 Male	1.5 (0.7)	7 (178)	1-7/8 (48)
51303 / 51313	.5 (373)	24,000	84 dB(A)	26 (736)	3/8 (10)	1/4" NPT	3/8"-24 Male	1.5 (0.7)	7 (178)	1-7/8 (48)

Tune-Up Kit: No. 95600 (page 192) • Additional Specifications: Air Pressure 90 PSIG (6.2 Bar)

# .5 hp Die Grinders

## Straight-Line, Gearless, Rear Exhaust

**ABRASIVE CAPACITY**  
**CARBIDE BURRS, ROTARY FILES, MOUNTED POINTS, WHEELS AND DISCS**

High Quality Air-Powered Die Grinders

- Gearless for reduced maintenance and downtime.
- Extended rear exhaust muffler design.

**Model 51304**  
 15,000 RPM, 1/4" Collet

**Model 51314**  
 15,000 RPM, 6 mm Collet

**Model 51305**  
 18,000 RPM, 1/4" Collet

**Model 51315**  
 18,000 RPM, 6 mm Collet

**Model 51306**  
 20,000 RPM, 1/4" Collet

**Model 51316**  
 20,000 RPM, 6 mm Collet

**Model 51307**  
 24,000 RPM, 1/4" Collet

**Model 51317**  
 24,000 RPM, 6 mm Collet



Model 51304



**Gearless**

Model Number 1/4" / 6 mm	Motor hp (W)	Motor RPM	Sound Level	Maximum Air Flow SCFM (LPM)	Hose I.D. Size Inch (mm)	Air Inlet Thread	Tool Thread	Weight Pound (kg)	Length Inch (mm)	Height Inch (mm)
51304 / 51314	.5 (373)	15,000	79 dB(A)	25 (708)	3/8 (10)	1/4" NPT	3/8"-24 Male	1.8 (0.8)	9-1/4 (235)	1-7/8 (48)
51305 / 51315	.5 (373)	18,000	79 dB(A)	26 (736)	3/8 (10)	1/4" NPT	3/8"-24 Male	1.8 (0.8)	9-1/4 (235)	1-7/8 (48)
51306 / 51316	.5 (373)	20,000	80 dB(A)	27 (765)	3/8 (10)	1/4" NPT	3/8"-24 Male	1.8 (0.8)	9-1/4 (235)	1-7/8 (48)
51307 / 51317	.5 (373)	24,000	79 dB(A)	27 (765)	3/8 (10)	1/4" NPT	3/8"-24 Male	1.8 (0.8)	9-1/4 (235)	1-7/8 (48)

Tune-Up Kit: No. 96530 (page 192) • Additional Specifications: Air Pressure 90 PSIG (6.2 Bar)





# .5 hp Die Grinders

## Straight-Line, 3" Extension, Rear Exhaust

**ABRASIVE  
CAPACITY**
**CARBIDE BURRS, ROTARY  
FILES, MOUNTED POINTS,  
WHEELS AND DISCS**

### High Quality Air-Powered Die Grinders

- Extension Die Grinder has 3" workable reach.
- Extended rear exhaust muffler design.

**Model 53510**
**18,000 RPM, 1/4" Collet**
**Model 53512**
**18,000 RPM, 6 mm Collet**
**Model 53511**
**20,000 RPM, 1/4" Collet**
**Model 53513**
**20,000 RPM, 6 mm Collet**


Dynaswivel® air line connector is ideal for use with most air tools. The Dynaswivel® improves tool maneuverability, minimizes operator fatigue and extends hose life. (See page 163.)



Model Number 1/4" / 6 mm	Motor hp (W)	Motor RPM	Sound Level	Maximum Air Flow SCFM (LPM)	Hose I.D. Size Inch (mm)	Air Inlet Thread	Tool Thread	Weight Pound (kg)	Length Inch (mm)	Height Inch (mm)
53510 / 53512	.5 (373)	18,000	75 dB(A)	30 (850)	3/8 (10)	1/4" NPT	–	2.5 (1.1)	12-7/8 (327)	1-7/8 (48)
53511 / 53513	.5 (373)	20,000	77 dB(A)	31 (878)	3/8 (10)	1/4" NPT	–	2.5 (1.1)	12-7/8 (327)	1-7/8 (48)

**Tune-Up Kit: No. 96007** (page 192) • Additional Specifications: Air Pressure 90 PSIG (6.2 Bar)

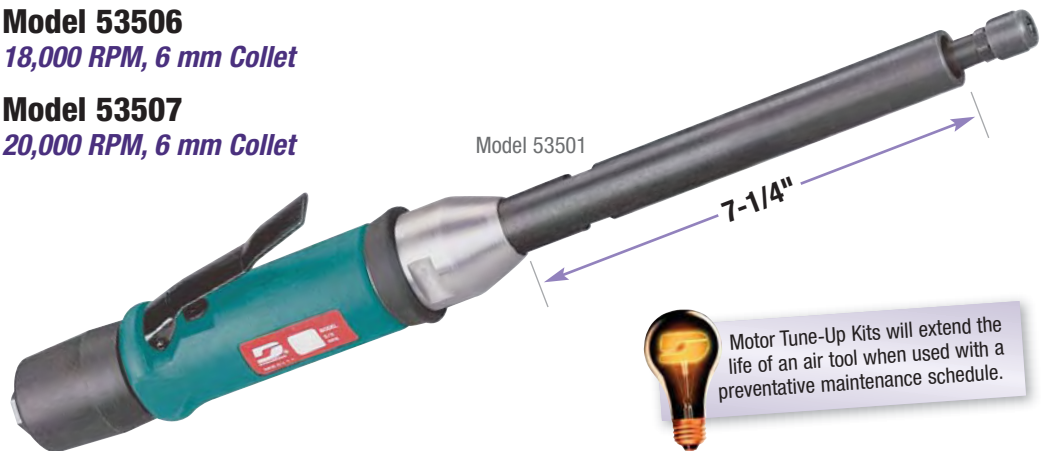
# .5 hp Die Grinders

## Straight-Line, 7-1/4" Extension, Rear Exhaust

**ABRASIVE  
CAPACITY**
**CARBIDE BURRS, ROTARY  
FILES, MOUNTED POINTS,  
WHEELS AND DISCS**

### High Quality Air-Powered Die Grinders

- Extension Die Grinder has 7-1/4" workable reach.
- Extended rear exhaust muffler design.

**Model 53501**
**18,000 RPM, 1/4" Collet**
**Model 53506**
**18,000 RPM, 6 mm Collet**
**Model 53502**
**20,000 RPM, 1/4" Collet**
**Model 53507**
**20,000 RPM, 6 mm Collet**


Motor Tune-Up Kits will extend the life of an air tool when used with a preventative maintenance schedule.

Model Number 1/4" / 6 mm	Motor hp (W)	Motor RPM	Sound Level	Maximum Air Flow SCFM (LPM)	Hose I.D. Size Inch (mm)	Air Inlet Thread	Tool Thread	Weight Pound (kg)	Length Inch (mm)	Height Inch (mm)
53501 / 53506	.5 (373)	18,000	75 dB(A)	30 (850)	3/8 (10)	1/4" NPT	–	3.2 (1.5)	17-7/8 (454)	1-7/8 (48)
53502 / 53507	.5 (373)	20,000	77 dB(A)	31 (878)	3/8 (10)	1/4" NPT	–	3.2 (1.5)	17-7/8 (454)	1-7/8 (48)

**Tune-Up Kit: No. 96007** (page 192) • Additional Specifications: Air Pressure 90 PSIG (6.2 Bar)


**FASTTRACK**

Collet Inserts: Page 94 • Carbide Burrs: Page 189 • Accessories: Page 159

# .5 hp Die Grinders

## 7° Offset, Short Shank, Gearless, Front Exhaust

**ABRASIVE CAPACITY**  
**CARBIDE BURRS, ROTARY FILES, MOUNTED POINTS, WHEELS AND DISCS**

**High Quality Air-Powered Die Grinders**

- Gearless for reduced maintenance and downtime.

**Model 52211**  
 18,000 RPM, 1/4" Collet

**Model 52261**  
 18,000 RPM, 6 mm Collet

**Model 52212**  
 20,000 RPM, 1/4" Collet

**Model 52262**  
 20,000 RPM, 6 mm Collet

**Model 52213**  
 24,000 RPM, 1/4" Collet

**Model 52263**  
 24,000 RPM, 6 mm Collet



Model 52211



Model Number 1/4" / 6 mm	Motor hp (W)	Motor RPM	Sound Level	Maximum Air Flow SCFM (LPM)	Hose I.D. Size Inch (mm)	Air Inlet Thread	Tool Thread	Weight Pound (kg)	Length Inch (mm)	Height Inch (mm)
52211 / 52261	.5 (373)	18,000	77 dB(A)	28 (793)	3/8 (10)	1/4" NPT	–	1.7 (0.8)	6 (152)	4-1/2 (114)
52212 / 52262	.5 (373)	20,000	77 dB(A)	28 (793)	3/8 (10)	1/4" NPT	–	1.7 (0.8)	6 (152)	4-1/2 (114)
52213 / 52263	.5 (373)	24,000	82 dB(A)	28 (793)	3/8 (10)	1/4" NPT	–	1.7 (0.8)	6 (152)	4-1/2 (114)

Tune-Up Kit: No. 96044 (page 192) • Additional Specifications: Air Pressure 90 PSIG (6.2 Bar)

# .5 hp Die Grinders

## 7° Offset, Short Shank, Gearless, Rear Exhaust

**ABRASIVE CAPACITY**  
**CARBIDE BURRS, ROTARY FILES, MOUNTED POINTS, WHEELS AND DISCS**

**High Quality Air-Powered Die Grinders**

- Gearless for reduced maintenance and downtime.
- Extended rear exhaust muffler design.

**Model 52221**  
 18,000 RPM, 1/4" Collet

**Model 52223**  
 24,000 RPM, 1/4" Collet

**Model 52222**  
 20,000 RPM, 1/4" Collet



Model 52221



Dynaswivel® air line connector is ideal for use with most air tools. The Dynaswivel® improves tool maneuverability, minimizes operator fatigue and extends hose life. (See page 163.)

Model Number	Motor hp (W)	Motor RPM	Sound Level	Maximum Air Flow SCFM (LPM)	Hose I.D. Size Inch (mm)	Air Inlet Thread	Tool Thread	Weight Pound (kg)	Length Inch (mm)	Height Inch (mm)
52221	.5 (373)	18,000	77 dB(A)	23 (651)	3/8 (10)	1/4" NPT	–	2.0 (0.9)	8-1/8 (206)	4-1/2 (114)
52222	.5 (373)	20,000	79 dB(A)	25 (708)	3/8 (10)	1/4" NPT	–	2.0 (0.9)	8-1/8 (206)	4-1/2 (114)
52223	.5 (373)	24,000	78 dB(A)	27 (765)	3/8 (10)	1/4" NPT	–	2.0 (0.9)	8-1/8 (206)	4-1/2 (114)

Tune-Up Kit: No. 96044 (page 192) • Additional Specifications: Air Pressure 90 PSIG (6.2 Bar)





# .5 hp Die Grinders

## 7° Offset, Long Shank, Gearless, Front Exhaust

**ABRASIVE  
CAPACITY**
**CARBIDE BURRS, ROTARY  
FILES, MOUNTED POINTS,  
WHEELS AND DISCS**
**High Quality Air-Powered Die Grinders**

### Front Exhaust Models

- Gearless for reduced maintenance and downtime.

**Model 52216**
**15,000 RPM, 1/4" Collet**
**Model 52218**
**20,000 RPM, 1/4" Collet**


Model 52216


**Gearless**

Model Number	Motor hp (W)	Motor RPM	Sound Level	Maximum Air Flow SCFM (LPM)	Hose I.D. Size Inch (mm)	Air Inlet Thread	Tool Thread	Weight Pound (kg)	Length Inch (mm)	Height Inch (mm)
52216	.5 (373)	15,000	78 dB(A)	26 (736)	3/8 (10)	1/4" NPT	3/8"-24 Male	2.0 (0.9)	6 (152)	5-1/2 (140)
52218	.5 (373)	20,000	77 dB(A)	28 (793)	3/8 (10)	1/4" NPT	3/8"-24 Male	2.0 (0.9)	6 (152)	5-1/2 (140)

**Tune-Up Kit: No. 96044** (page 192) • Additional Specifications: Air Pressure 90 PSIG (6.2 Bar)

### Rear Exhaust Model

**Model 52267 15,000 RPM, 1/4" Collet**

- Gearless for reduced maintenance and downtime.
- Extended rear exhaust muffler design.



The use of a filter-regulator-lubricator will increase tool performance, extend tool life and lessen repair costs. (See page 162.)



Model 52267


**Gearless**

Model Number	Motor hp (W)	Motor RPM	Sound Level	Maximum Air Flow SCFM (LPM)	Hose I.D. Size Inch (mm)	Air Inlet Thread	Tool Thread	Weight Pound (kg)	Length Inch (mm)	Height Inch (mm)
52267	.5 (373)	15,000	76 dB(A)	21 (595)	3/8 (10)	1/4" NPT	3/8"-24 Male	2.0 (0.9)	8-1/8 (207)	5-1/2 (140)

**Tune-Up Kit: No. 96044** (page 192) • Additional Specifications: Air Pressure 90 PSIG (6.2 Bar)

# .55 hp Die Grinder

## Right Angle, Gearless, Rear Exhaust

**ABRASIVE  
CAPACITY**
**CARBIDE BURRS, ROTARY  
FILES, MOUNTED POINTS,  
WHEELS AND DISCS**
**High Quality Air-Powered Die Grinders**
**Model 52280 15,000 RPM, 1/4" Collet**

- Powerful high-torque air motor.
- Gearless for reduced maintenance and downtime.
- Optional safety-lock lever available.
- Extended rear exhaust muffler design.



Model 52280


**Gearless**

Model Number	Motor hp (W)	Motor RPM	Sound Level	Maximum Air Flow SCFM (LPM)	Hose I.D. Size Inch (mm)	Air Inlet Thread	Tool Thread	Weight Pound (kg)	Length Inch (mm)	Height Inch (mm)
52280	.55 (410)	15,000	83 dB(A)	33 (934)	1/4 (6)	1/4" NPT	3/8"-24 Male	2.3 (1.0)	8-1/8 (207)	5-1/2 (140)

**Tune-Up Kit: No. 96522** (page 192) • Additional Specifications: Air Pressure 90 PSIG (6.2 Bar)

**FASTTRACK**

Collet Inserts: Page 94 • Carbide Burrs: Page 189 • Accessories: Page 159

# .7 hp Die Grinders

**Straight-Line, Front Exhaust**

**ABRASIVE CAPACITY**

**CARBIDE BURRS, ROTARY FILES, MOUNTED POINTS, WHEELS AND DISCS**

High Quality Air-Powered Die Grinders

**Model 52256**

*15,000 RPM, 1/4" Collet*

**Model 52257**

*18,000 RPM, 1/4" Collet*

**Model 52258**

*20,000 RPM, 1/4" Collet*

**Model 52264**

*15,000 RPM, 6 mm Collet*

**Model 52265**

*18,000 RPM, 6 mm Collet*



Model 52256

Model Number 1/4" / 6 mm	Motor hp (W)	Motor RPM	Sound Level	Maximum Air Flow SCFM (LPM)	Hose I.D. Size Inch (mm)	Air Inlet Thread	Tool Thread	Weight Pound (kg)	Length Inch (mm)	Height Inch (mm)
52256 / 52264	.7 (522)	15,000	83 dB(A)	31 (878)	3/8 (10)	1/4" NPT	-	1.7 (0.8)	6 (152)	1-7/8 (48)
52257 / 52265	.7 (522)	18,000	87 dB(A)	33 (935)	3/8 (10)	1/4" NPT	-	1.7 (0.8)	6 (152)	1-7/8 (48)
52258 / -	.7 (522)	20,000	91 dB(A)	34 (963)	3/8 (10)	1/4" NPT	-	1.7 (0.8)	6 (152)	1-7/8 (48)

Tune-Up Kit: No. 96529 (page 192) • Additional Specifications: Air Pressure 90 PSIG (6.2 Bar)

# .7 hp Die Grinders

**Straight-Line, Rear Exhaust**

**ABRASIVE CAPACITY**

**CARBIDE BURRS, ROTARY FILES, MOUNTED POINTS, WHEELS AND DISCS**

High Quality Air-Powered Die Grinders

- Extended rear exhaust muffler design.

**Model 52100**

*950 RPM, 1/4" Collet*

**Model 52101**

*3,400 RPM, 1/4" Collet*

**Model 52102**

*4,500 RPM, 1/4" Collet*

**Model 52276**

*15,000 RPM, 1/4" Collet*

**Model 52277**

*18,000 RPM, 1/4" Collet*

**Model 52278**

*20,000 RPM, 1/4" Collet*

**Model 52103**

*950 RPM, 6 mm Collet*

**Model 52104**

*3,400 RPM, 6 mm Collet*

**Model 52105**

*4,500 RPM, 6 mm Collet*

**Model 52281**

*15,000 RPM, 6 mm Collet*

**Model 52282**

*18,000 RPM, 6 mm Collet*

**Model 52283**

*20,000 RPM, 6 mm Collet*



Model 52276



Motor Tune-Up Kits will extend the life of an air tool when used with a preventative maintenance schedule.

Model Number 1/4" / 6 mm	Motor hp (W)	Motor RPM	Sound Level	Maximum Air Flow SCFM (LPM)	Hose I.D. Size Inch (mm)	Air Inlet Thread	Tool Thread	Weight Pound (kg)	Length Inch (mm)	Height Inch (mm)
52100 / 52103	.7 (522)	950	84 dB(A)	34 (957)	3/8 (10)	1/4" NPT	1/2"-20 Male	3.6 (1.6)	12-1/2 (318)	1-7/8 (48)
52101 / 52104	.7 (522)	3,400	82 dB(A)	35 (977)	3/8 (10)	1/4" NPT	1/2"-20 Male	2.7 (1.2)	9-1/2 (241)	1-7/8 (48)
52102 / 52105	.7 (522)	4,500	82 dB(A)	35 (977)	3/8 (10)	1/4" NPT	1/2"-20 Male	2.7 (1.2)	9-1/2 (241)	1-7/8 (48)
52276 / 52281	.7 (522)	15,000	80 dB(A)	32 (906)	3/8 (10)	1/4" NPT	-	2.3 (0.7)	8-1/8 (206)	1-7/8 (48)
52277 / 52282	.7 (522)	18,000	81 dB(A)	34 (963)	3/8 (10)	1/4" NPT	-	2.3 (0.7)	8-1/8 (206)	1-7/8 (48)
52278 / 52283	.7 (522)	20,000	81 dB(A)	37 (1,048)	3/8 (10)	1/4" NPT	-	2.3 (0.7)	8-1/8 (206)	1-7/8 (48)

Tune-Up Kit: No. 96529 (page 192) • Additional Specifications: Air Pressure 90 PSIG (6.2 Bar)





# .7 hp Die Grinders

## 7° Offset, Gearless

**ABRASIVE  
CAPACITY**
**CARBIDE BURRS, ROTARY  
FILES, MOUNTED POINTS,  
WHEELS AND DISCS**

### High Quality Air-Powered Die Grinders

#### Short Shank, Front Exhaust Models

- Gearless for reduced maintenance and downtime.

**Model 52289**
**18,000 RPM, 1/4" Collet**
**Model 52225**
**18,000 RPM, 6 mm Collet**
**Model 52290**
**20,000 RPM, 1/4" Collet**
**Model 52226**
**20,000 RPM, 6 mm Collet**

Model 52289


**Gearless**

Model Number 1/4" / 6 mm	Motor hp (W)	Motor RPM	Sound Level	Maximum Air Flow SCFM (LPM)	Hose I.D. Size Inch (mm)	Air Inlet Thread	Tool Thread	Weight Pound (kg)	Length Inch (mm)	Height Inch (mm)
52289 / 52225	.7 (522)	18,000	87 dB(A)	35 (991)	3/8 (10)	1/4" NPT	3/8"-24 Male	1.7 (0.8)	6 (152)	5-1/8 (130)
52290 / 52226	.7 (522)	20,000	84 dB(A)	36 (1,020)	3/8 (10)	1/4" NPT	3/8"-24 Male	1.7 (0.8)	6 (152)	5-1/8 (130)

**Tune-Up Kit: No. 96045** (page 192) • Additional Specifications: Air Pressure 90 PSIG (6.2 Bar)

#### Short Shank, Rear Exhaust Models

- Gearless for reduced maintenance and downtime.
- Extended rear exhaust muffler design.

**Model 52293**
**18,000 RPM, 1/4" Collet**
**Model 52295**
**18,000 RPM, 6 mm Collet**
**Model 52294**
**20,000 RPM, 1/4" Collet**
**Model 52298**
**20,000 RPM, 6 mm Collet**
**Model 52297**
**20,000 RPM, 1/4" Collet, with Side Handle**

Model 52293


**Gearless**

Model Number 1/4" / 6 mm	Motor hp (W)	Motor RPM	Sound Level	Maximum Air Flow SCFM (LPM)	Hose I.D. Size Inch (mm)	Air Inlet Thread	Tool Thread	Weight Pound (kg)	Length Inch (mm)	Height Inch (mm)
52293 / 52295	.7 (522)	18,000	80 dB(A)	34 (963)	3/8 (10)	1/4" NPT	—	2.3 (1.0)	8-1/8 (206)	5-1/8 (130)
52294 / 52298	.7 (522)	20,000	77 dB(A)	37 (1,048)	3/8 (10)	1/4" NPT	—	2.3 (1.0)	8-1/8 (206)	5-1/8 (130)
52297 / —	.7 (522)	20,000	77 dB(A)	37 (1,048)	3/8 (10)	1/4" NPT	—	2.3 (1.0)	8-1/8 (206)	5-1/8 (130)

**Tune-Up Kit: No. 96045** (page 192) • Additional Specifications: Air Pressure 90 PSIG (6.2 Bar)

#### Long Shank, Rear Exhaust Models

- Gearless for reduced maintenance and downtime.

**Model 52242**
**20,000 RPM, 1/4" Collet**
**Model 52286**
**20,000 RPM, 6 mm Collet**

Model 52242


**Gearless**


Dynaswivel® air line connector is ideal for use with most air tools. The Dynaswivel® improves tool maneuverability, minimizes operator fatigue and extends hose life. (See page 163.)



Model Number 1/4" / 6 mm	Motor hp (W)	Motor RPM	Sound Level	Maximum Air Flow SCFM (LPM)	Hose I.D. Size Inch (mm)	Air Inlet Thread	Tool Thread	Weight Pound (kg)	Length Inch (mm)	Height Inch (mm)
52242 / 52286	.7 (522)	20,000	84 dB(A)	28 (793)	3/8 (10)	1/4" NPT	3/8"-24 Male	1.7 (0.8)	6 (152)	5-1/2 (140)

**Tune-Up Kit: No. 96045** (page 192) • Additional Specifications: Air Pressure 90 PSIG (6.2 Bar)

**FASTTRACK**

Collet Inserts: Page 94 • Carbide Burrs: Page 189 • Accessories: Page 159

# 1 hp Die Grinders

## Straight-Line, Rear Exhaust

**ABRASIVE CAPACITY**  
**CARBIDE BURRS, ROTARY FILES, MOUNTED POINTS, WHEELS AND DISCS**

High Quality Air-Powered Die Grinders

**Planetary Geared Models**

- Governor-controlled to maintain RPM under heavy load.
- Safety-lock lever is standard on all models.
- Lightweight thermal-insulated housing reduces cold air transmission and vibration to operator.
- Unique anti-clog exhaust baffling.



**Model 52660**  
 950 RPM, 1/4" Collet

**Model 52680**  
 950 RPM, 6 mm Collet

**Model 52662**  
 3,400 RPM, 1/4" Collet

**Model 52682**  
 3,400 RPM, 6 mm Collet

**Model 52663**  
 4,500 RPM, 1/4" Collet

**Model 52683**  
 4,500 RPM, 6 mm Collet

Model Number 1/4" / 6 mm	Motor hp (W)	Motor RPM	Sound Level	Maximum Air Flow SCFM (LPM)	Hose I.D. Size Inch (mm)	Air Inlet Thread	Tool Thread	Weight Pound (kg)	Length Inch (mm)	Height Inch (mm)
52660 / 52680	1 (744)	950	80 dB(A)	43 (1,218)	3/8 (10)	3/8" NPT	—	3.6 (1.6)	13-3/4 (384)	1-7/8 (48)
52662 / 52682	1 (744)	3,400	80 dB(A)	43 (1,218)	3/8 (10)	3/8" NPT	—	3.1 (1.4)	12-1/2 (317)	1-7/8 (48)
52663 / 52683	1 (744)	4,500	80 dB(A)	41 (1,161)	3/8 (10)	3/8" NPT	—	3.1 (1.4)	12-1/2 (317)	1-7/8 (48)

Tune-Up Kit: No. 96532 (page 192) • Additional Specifications: Air Pressure 90 PSIG (6.2 Bar)

**Gearless Models**

- Gearless for reduced maintenance and downtime.
- Governor-controlled to maintain RPM under heavy load.
- Safety-lock lever is standard on all models.
- Lightweight thermal-insulated housing reduces cold air transmission and vibration to operator.
- Unique anti-clog exhaust baffling.



Use a carbide burr to easily blend weld seams.

**Model 52665**  
 9,000 RPM, 1/4" Collet

**Model 52685**  
 9,000 RPM, 6 mm Collet

**Model 52666**  
 12,000 RPM, 1/4" Collet

**Model 52686**  
 12,000 RPM, 6 mm Collet

**Model 52667**  
 15,000 RPM, 1/4" Collet

**Model 52687**  
 15,000 RPM, 6 mm Collet

**Model 52668**  
 18,000 RPM, 1/4" Collet

**Model 52688**  
 18,000 RPM, 6 mm Collet

**Model 52669**  
 20,000 RPM, 1/4" Collet

**Model 52689**  
 20,000 RPM, 6 mm Collet

Optional 53621 Overhose Assembly may be used to further reduce noise levels by as much as 5 dB(A). Overhose redirects exhaust away from operator and workpiece. Air line sold separately. (See page 157.)



**Gearless**

Model Number 1/4" / 6 mm	Motor hp (W)	Motor RPM	Sound Level	Maximum Air Flow SCFM (LPM)	Hose I.D. Size Inch (mm)	Air Inlet Thread	Tool Thread	Weight Pound (kg)	Length Inch (mm)	Height Inch (mm)
52665 / 52685	1 (744)	9,000	82 dB(A)	36 (1,020)	3/8 (10)	3/8" NPT	—	2.1 (1.0)	8-3/4 (221)	1-7/8 (48)
52666 / 52686	1 (744)	12,000	83 dB(A)	38 (1,076)	3/8 (10)	3/8" NPT	—	2.1 (1.0)	8-3/4 (221)	1-7/8 (48)
52667 / 52687	1 (744)	15,000	80 dB(A)	39 (1,104)	3/8 (10)	3/8" NPT	—	2.1 (1.0)	10 (254)	1-7/8 (48)
52668 / 52688	1 (744)	18,000	81 dB(A)	40 (1,133)	3/8 (10)	3/8" NPT	—	2.1 (1.0)	10 (254)	1-7/8 (48)
52669 / 52689	1 (744)	20,000	80 dB(A)	44 (1,256)	3/8 (10)	3/8" NPT	—	2.1 (1.0)	10 (254)	1-7/8 (48)

Tune-Up Kit: No. 96532 (page 192) • Additional Specifications: Air Pressure 90 PSIG (6.2 Bar)





# 1 hp Die Grinders

## Straight-Line, 6" Extension, Rear Exhaust

ABRASIVE  
CAPACITYCARBIDE BURRS, ROTARY  
FILES, MOUNTED POINTS,  
WHEELS AND DISCS

### High Quality Air-Powered Die Grinders

#### Planetary Geared Models

- Governor-controlled to maintain RPM under heavy load.
- Safety-lock lever is standard on all models.
- Unique anti-clog exhaust baffling.

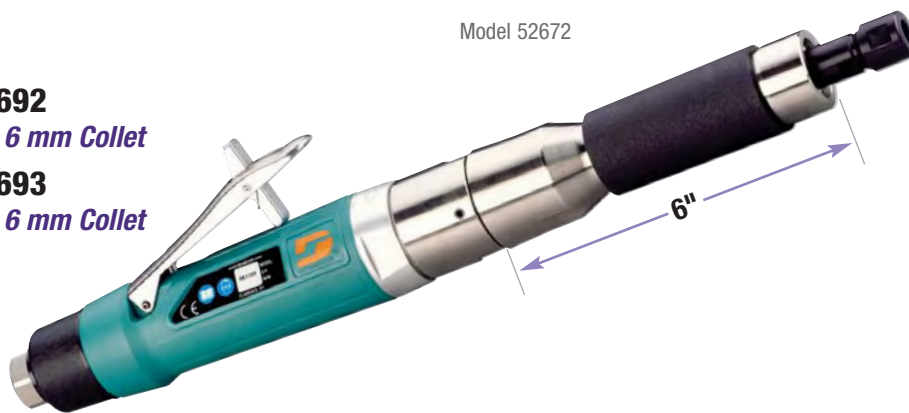
**Model 52672**  
3,400 RPM, 1/4" Collet

**Model 52692**  
3,400 RPM, 6 mm Collet

**Model 52673**  
4,500 RPM, 1/4" Collet

**Model 52693**  
4,500 RPM, 6 mm Collet

Model 52672



Motor Tune-Up Kits will extend the life of an air tool when used with a preventative maintenance schedule. (See page 192.)

Model Number 1/4" / 6 mm	Motor hp (W)	Motor RPM	Sound Level	Maximum Air Flow SCFM (LPM)	Hose I.D. Size Inch (mm)	Air Inlet Thread	Weight Pound (kg)	Length Inch (mm)	Height Inch (mm)
52672 / 52692	1 (744)	3,400	80 dB(A)	44 (1,256)	3/8 (10)	3/8" NPT	4.1 (1.9)	16-5/8 (423)	1-7/8 (48)
52673 / 52693	1 (744)	4,500	80 dB(A)	44 (1,256)	3/8 (10)	3/8" NPT	4.1 (1.9)	16-5/8 (423)	1-7/8 (48)

Tune-Up Kit: No. 96532 (page 192) • Additional Specifications: Air Pressure 90 PSIG (6.2 Bar)

#### Gearless Models

- Gearless for reduced maintenance and downtime.
- Governor-controlled to maintain RPM under heavy load.
- Safety-lock lever is standard on all models.
- Unique anti-clog exhaust baffling.

**Model 52675**  
9,000 RPM, 1/4" Collet

**Model 52695**  
9,000 RPM, 6 mm Collet

**Model 52676**  
12,000 RPM, 1/4" Collet

**Model 52696**  
12,000 RPM, 6 mm Collet

**Model 52677**  
15,000 RPM, 1/4" Collet

**Model 52697**  
15,000 RPM, 6 mm Collet

**Model 52678**  
18,000 RPM, 1/4" Collet

**Model 52698**  
18,000 RPM, 6 mm Collet

**Model 52679**  
20,000 RPM, 1/4" Collet

**Model 52699**  
20,000 RPM, 6 mm Collet

Model 52678



The use of a filter-regulator-lubricator will increase tool performance, extend tool life and lessen repair costs. (See page 162.)



Gearless

Model Number 1/4" / 6 mm	Motor hp (W)	Motor RPM	Sound Level	Maximum Air Flow SCFM (LPM)	Hose I.D. Size Inch (mm)	Air Inlet Thread	Weight Pound (kg)	Length Inch (mm)	Height Inch (mm)
52675 / 52695	1 (744)	9,000	82 dB(A)	36 (1,020)	3/8 (10)	3/8" NPT	3.2 (1.5)	14-1/4 (359)	1-7/8 (48)
52676 / 52696	1 (744)	12,000	83 dB(A)	38 (1,076)	3/8 (10)	3/8" NPT	3.2 (1.5)	14-1/4 (359)	1-7/8 (48)
52677 / 52697	1 (744)	15,000	80 dB(A)	39 (1,104)	3/8 (10)	3/8" NPT	3.3 (1.5)	15-3/8 (390)	1-7/8 (48)
52678 / 52698	1 (744)	18,000	81 dB(A)	40 (1,133)	3/8 (10)	3/8" NPT	3.3 (1.5)	15-3/8 (390)	1-7/8 (48)
52679 / 52699	1 (744)	20,000	80 dB(A)	44 (1,256)	3/8 (10)	3/8" NPT	3.3 (1.5)	15-3/8 (390)	1-7/8 (48)

Tune-Up Kit: No. 96532 (page 192) • Additional Specifications: Air Pressure 90 PSIG (6.2 Bar)



FASTTRACK

# 1 hp Extension Grinders

## Straight-Line, Rear Exhaust Models, 8-3/8" Extension

**ABRASIVE CAPACITY**  
**CARBIDE BURRS, MOUNTED POINTS, BUFFING PADS, CONE/PLUG WHEELS**

**Allows Efficient Work Within Long Pipes, Castings and More**

- Extension Grinders allow operator to extend into work pieces and reach lengthy distances.
- Extension length of 8-3/8" allows longer reach than competitive models!
- Extensions are constructed of steel for maximum durability.
- Designed for minimal vibration. Extensions do not spin during tool use, so continuous tightening is not needed (as with some one-piece shaft-type extensions).
- Tools can also be fitted with optional Buffering Pads, optional collets and inserts, plus optional Cone/Plug Wheels. (Note: Speed of tool must not exceed maximum operating speed of accessory.)



**Model 53521**

**3,400 RPM, 19-3/4" Length**

**Model 53522**

**3,400 RPM, 28-1/8" Length**

**Model 53523**

**3,400 RPM, 36-1/2" Length**

**Model 53531**

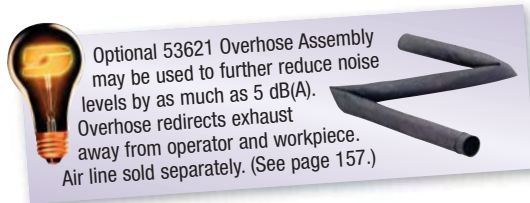
**18,000 RPM, 18-3/8" Length**

**Model 53532**

**18,000 RPM, 26-3/4" Length**

**Model 53533**

**18,000 RPM, 35-1/8" Length**



Optional 53621 Overhose Assembly may be used to further reduce noise levels by as much as 5 dB(A). Overhose redirects exhaust away from operator and workpiece. Air line sold separately. (See page 157.)



Extend into hard-to-reach places by choosing the suitable extension for the job.

Model Number	Motor hp (W)	Motor RPM	Sound Level	Maximum Air Flow SCFM (LPM)	Hose I.D. Size Inch (mm)	Air Inlet Thread	Tool Thread	Weight Pound (kg)	Length Inch (mm)	Height Inch (mm)
53521	1 (744)	3,400	80 dB(A)	6 (43)	3/8 (10)	3/8" NPT	1/2"-20	5.5 (2.5)	19-3/4 (502)	1-7/8 (48)
53522	1 (744)	3,400	80 dB(A)	6 (43)	3/8 (10)	3/8" NPT	1/2"-20	7.6 (3.5)	28-1/8 (714)	1-7/8 (48)
53523	1 (744)	3,400	80 dB(A)	6 (43)	3/8 (10)	3/8" NPT	1/2"-20	9.75 (4.4)	36-1/2 (927)	1-7/8 (48)
53531	1 (744)	18,000	84 dB(A)	6 (40)	3/8 (10)	3/8" NPT	3/8"-24	4.8 (2.2)	18-3/8 (467)	1-7/8 (48)
53532	1 (744)	18,000	84 dB(A)	6 (40)	3/8 (10)	3/8" NPT	3/8"-24	6.9 (3.1)	26-3/4 (679)	1-7/8 (48)
53533	1 (744)	18,000	84 dB(A)	6 (40)	3/8 (10)	3/8" NPT	3/8"-24	8.9 (4.0)	35-1/8 (892)	1-7/8 (48)

**Tune-Up Kit: No. 96532** (page 192) • Additional Specifications: Air Pressure 90 PSIG (6.2 Bar)







# *Disc Sanders*

2" Dia. Disc Sanders .....	111	4-1/2" - 5" Dia. Disc Sanders .....	115
3" Dia. Disc Sanders .....	113	7" Dia. Disc Sanders .....	118
4" Dia. Disc Sanders .....	114		



**Continued Leadership In Portable Abrasive Power Tool Technology**  
[www.dynabrade.com](http://www.dynabrade.com)

# 2" Dia. Disc Sanders

.4 hp and .5 hp Models

**ABRASIVE CAPACITY**  
**ABRASIVE DISCS**  
 2" (51 mm) diameter

High Quality Air-Powered Disc Sanders

### Angle-Head, .4 hp, Rear Exhaust

#### Model 53410 3,200 RPM

- Tool has 1/4"-28 female thread. Comes mounted with 54021 Adapter for pads with 1/4"-20 female thread.
- Includes 50107 Pad (2" diameter) for PSA (adhesive backed) abrasive discs.
- Optional 54030 Rotary Sanding Head permits locking-type male thread pad to be mounted.
- Optional 54585 Side Handle available.



Model Number	Motor hp (W)	Motor RPM	Sound Level	Maximum Air Flow SCFM (LPM)	Hose I.D. Size Inch (mm)	Air Inlet Thread	Tool Thread	Weight Pound (kg)	Length Inch (mm)	Height Inch (mm)
53410	.4 (298)	3,200	83 dB(A)	23 (650)	1/4 (6)	1/4" NPT	1/4"-28 Female	1.9 (0.9)	11-3/8 (289)	2-1/8 (56)

Tune-Up Kit: No. 96333 (page 192) • Additional Specifications: Air Pressure 90 PSIG (6.2 Bar)

### 7° Offset, .4 hp, Rear Exhaust

- Includes 51344 Locking-Type Pad (2" diameter).
- Also accepts 3" diameter pads, sold separately.
- Handle is offset 7° for greater operator comfort and control.
- Gearless for reduced maintenance and down-time.

#### Model 52500 25,000 RPM

- Extended muffler design.

#### Model 52503 25,000 RPM

- Features standard muffler for more compact design.



### 7° Offset, .5 hp

- All models include 51344 Locking-Type Pad (2" diameter).
- Also accept 3" diameter pads, sold separately.

#### Model 52400 15,000 RPM, Front Exhaust

#### Model 52402 20,000 RPM, Front Exhaust

#### Model 52405 20,000 RPM, Rear Exhaust

- Extended muffler design.



The use of a filter-regulator-lubricator will increase tool performance, extend tool life and lessen repair costs. (See page 162.)

Important: Speed of tool must not exceed maximum operating speed of accessory.

Model Number	Motor hp (W)	Motor RPM	Sound Level	Maximum Air Flow SCFM (LPM)	Hose I.D. Size Inch (mm)	Air Inlet Thread	Tool Thread	Weight Pound (kg)	Length Inch (mm)	Height Inch (mm)
52400	.5 (373)	15,000	81 dB(A)	26 (736)	3/8 (10)	1/4" NPT	1/4"-20 Male	1.7 (0.8)	6 (152)	5-1/2 (140)
52402	.5 (373)	20,000	82 dB(A)	28 (793)	3/8 (10)	1/4" NPT	1/4"-20 Male	1.7 (0.8)	6 (152)	5-1/2 (140)
52405	.5 (373)	20,000	79 dB(A)	25 (708)	3/8 (10)	1/4" NPT	1/4"-20 Male	2.3 (1.0)	8-1/8 (206)	5-1/2 (140)
52500	.4 (298)	25,000	75 dB(A)	20 (566)	1/4 (6)	1/4" NPT	1/4"-20 Male	1.3 (0.6)	9 (229)	3-3/4 (95)
52503	.4 (298)	25,000	82 dB(A)	20 (566)	1/4 (6)	1/4" NPT	1/4"-20 Male	1.3 (0.6)	7-1/2 (191)	3-3/4 (95)

Tune-Up Kits: 52400, 52402, 52405 - No. 96044; 52500, 52503 - No. 96049 (page 192) • Additional Specifications: Air Pressure 90 PSIG (6.2 Bar)



FASTTRACK



# 2" Dia. Disc Sanders

.33 hp and .4 hp Models

**ABRASIVE CAPACITY**  
**ABRASIVE DISCS**  
 2" (51 mm) and 3" (76 mm) diameter

High Quality Air-Powered Disc Sanders

**Right Angle, .33 hp, Gearless, Rear Exhaust**

**Model 52590 18,000 RPM**

- Includes 51345 Locking-Type Pad (2" diameter).
- Also accepts 3" diameter disc pads, sold separately.
- Features standard muffler for more compact design.
- Tool combines top efficiency with great value.



Model 52590

Motor Tune-Up Kits can extend the life of a tool, when used as part of a regular preventative maintenance schedule. (See page 192.)



**Gearless**

**Important:** Speed of tool must not exceed maximum operating speed of accessory.

Model Number	Motor hp (W)	Motor RPM	Sound Level	Maximum Air Flow SCFM (LPM)	Hose I.D. Size Inch (mm)	Air Inlet Thread	Tool Thread	Weight Pound (kg)	Length Inch (mm)	Height Inch (mm)
52590	.33 (246)	18,000	81 dB(A)	20 (567)	1/4 (6)	1/4" NPT	3/8"-24 Male	1.9 (0.8)	4-1/2 (114)	3-7/8 (98)

**Tune-Up Kit: No. 96505** (page 192) • Additional Specifications: Air Pressure 90 PSIG (6.2 Bar)

**Right Angle, .4 hp, Front Exhaust**

- Includes 51344 Locking-Type Pad (2" diameter).
- Also accepts 3" diameter pads, sold separately.
- Optional safety-lock lever available.



Model 51822

Dynaswivel® air line connector is ideal for use with most air tools. The Dynaswivel® improves tool maneuverability, minimizes operator fatigue and extends hose life. (See page 163.)

**Model 51820 12,000 RPM**

**Model 51821 15,000 RPM**

**Model 51822 20,000 RPM**

**Important:** Speed of tool must not exceed maximum operating speed of accessory.

Model Number	Motor hp (W)	Motor RPM	Sound Level	Maximum Air Flow SCFM (LPM)	Hose I.D. Size Inch (mm)	Air Inlet Thread	Tool Thread	Weight Pound (kg)	Length Inch (mm)	Height Inch (mm)
51820	.4 (298)	12,000	85 dB(A)	3/21 (595)	1/4 (6)	1/4" NPT	1/4"-20 Male	1.1 (0.5)	5 (134)	3-1/8 (79)
51821	.4 (298)	15,000	84 dB(A)	3/21 (595)	1/4 (6)	1/4" NPT	1/4"-20 Male	1.1 (0.5)	5 (134)	3-1/8 (79)
51822	.4 (298)	20,000	87 dB(A)	3/21 (595)	1/4 (6)	1/4" NPT	1/4"-20 Male	1.1 (0.5)	5 (134)	3-1/8 (79)

**Tune-Up Kit: No. 96179** (page 192) • Additional Specifications: Air Pressure 90 PSIG (6.2 Bar)

**Right Angle, .4 hp, Rear Exhaust**

- Includes 51344 Locking-Type Pad (2" diameter).
- Also accepts 3" diameter pads, sold separately.

**Model 52520 12,000 RPM, Extended Muffler**

**Model 52540 12,000 RPM, Standard Muffler**

**Model 52521 15,000 RPM, Extended Muffler**

**Model 52541 15,000 RPM, Standard Muffler**

**Model 52522 20,000 RPM, Extended Muffler**

**Model 52542 20,000 RPM, Standard Muffler**



Model 52520

Model 52520 Disc Sander offers efficient weld removal.

**Important:** Speed of tool must not exceed maximum operating speed of accessory.

Model Number	Motor hp (W)	Motor RPM	Sound Level	Maximum Air Flow SCFM (LPM)	Hose I.D. Size Inch (mm)	Air Inlet Thread	Tool Thread	Weight Pound (kg)	Length Inch (mm)	Height Inch (mm)
52520	.4 (298)	12,000	85 dB(A)	21 (595)	1/4 (6)	1/4" NPT	1/4"-20 Male	1.2 (0.5)	7-3/8 (187)	3-1/8 (79)
52521	.4 (298)	15,000	83 dB(A)	21 (595)	1/4 (6)	1/4" NPT	1/4"-20 Male	1.2 (0.5)	7-3/8 (187)	3-1/8 (79)
52522	.4 (298)	20,000	86 dB(A)	21 (595)	1/4 (6)	1/4" NPT	1/4"-20 Male	1.2 (0.5)	7-3/8 (187)	3-1/8 (79)
52540	.4 (298)	12,000	86 dB(A)	21 (595)	1/4 (6)	1/4" NPT	1/4"-20 Male	1.1 (0.5)	6 (152)	3-1/8 (79)
52541	.4 (298)	15,000	86 dB(A)	21 (595)	1/4 (6)	1/4" NPT	1/4"-20 Male	1.1 (0.5)	6 (152)	3-1/8 (79)
52542	.4 (298)	20,000	87 dB(A)	21 (595)	1/4 (6)	1/4" NPT	1/4"-20 Male	1.1 (0.5)	6 (152)	3-1/8 (79)

**Tune-Up Kit: No. 96179** (page 192) • Additional Specifications: Air Pressure 90 PSIG (6.2 Bar)



# 3" Dia. Disc Sanders

.4 hp, .55 hp and .7 hp Models

**ABRASIVE CAPACITY**  
**ABRASIVE DISCS**  
 3" (76 mm) diameter

**High Quality Air-Powered Disc Sanders**

**Right Angle, .4 hp, Rear Exhaust**

- Includes 51346 Locking-Type Pad (3" diameter).
- Extended muffler design.

**Model 52530 12,000 RPM**

**Model 52531 15,000 RPM**

**Model 52532 20,000 RPM**



Model Number	Motor hp (W)	Motor RPM	Sound Level	Maximum Air Flow SCFM (LPM)	Hose I.D. Size Inch (mm)	Air Inlet Thread	Tool Thread	Weight Pound (kg)	Length Inch (mm)	Height Inch (mm)
52530	.4 (298)	12,000	85 dB(A)	21 (595)	1/4 (6)	1/4" NPT	1/4"-20 Male	1.2 (.5)	7-3/8 (187)	3-1/8 (79)
52531	.4 (298)	15,000	83 dB(A)	21 (595)	1/4 (6)	1/4" NPT	1/4"-20 Male	1.2 (.5)	7-3/8 (187)	3-1/8 (79)
52532	.4 (298)	20,000	86 dB(A)	21 (595)	1/4 (6)	1/4" NPT	1/4"-20 Male	1.2 (.5)	7-3/8 (187)	3-1/8 (79)

**Tune-Up Kit: No. 96179** (page 192) • Additional Specifications: Air Pressure 90 PSIG (6.2 Bar)

**Right Angle, .55 hp, Gearless, Rear Exhaust**

- Includes 51347 Locking-Type Pad (3" diameter).
- Removable side handle.
- Optional safety-lock lever available.
- Tool combines top efficiency with great value.

**Model 52557 15,000 RPM, Extended Muffler**

**Model 52558 15,000 RPM, Standard Muffler**



Model Number	Motor hp (W)	Motor RPM	Sound Level	Maximum Air Flow SCFM (LPM)	Hose I.D. Size Inch (mm)	Air Inlet Thread	Tool Thread	Weight Pound (kg)	Length Inch (mm)	Height Inch (mm)
52557	.55 (410)	15,000	83 dB(A)	33 (934)	3/8 (10)	1/4" NPT	3/8"-24 Male	1.9 (0.8)	6 (152)	3-7/8 (98)
52558	.55 (410)	15,000	86 dB(A)	33 (934)	3/8 (10)	1/4" NPT	3/8"-24 Male	1.9 (0.8)	4-1/2 (114)	3-7/8 (98)

**Tune-Up Kit: No. 96522** (page 192) • Additional Specifications: Air Pressure 90 PSIG (6.2 Bar)

**7° Offset, .7 hp, Gearless**

- Includes 51347 Locking-Type Pad (3" diameter).
- Removable side handle.

**Model 52410 15,000 RPM, Front Exhaust**

**Model 52412 20,000 RPM, Front Exhaust**

**Model 52413 15,000 RPM, Rear Exhaust**

**Model 52415 20,000 RPM, Rear Exhaust**

- Extended muffler design (52413 and 52415 only).



Model Number	Motor hp (W)	Motor RPM	Sound Level	Maximum Air Flow SCFM (LPM)	Hose I.D. Size Inch (mm)	Air Inlet Thread	Tool Thread	Weight Pound (kg)	Length Inch (mm)	Height Inch (mm)
52410	.7 (522)	15,000	96 dB(A)	32 (906)	3/8 (10)	1/4" NPT	3/8"-24 Male	2.0 (0.9)	6 (152)	5-1/2 (140)
52412	.7 (522)	20,000	93 dB(A)	36 (1,019)	3/8 (10)	1/4" NPT	3/8"-24 Male	2.0 (0.9)	6 (152)	5-1/2 (140)
52413	.7 (522)	15,000	76 dB(A)	32 (906)	3/8 (10)	1/4" NPT	3/8"-24 Male	2.3 (1.0)	8-1/8 (206)	5-1/2 (140)
52415	.7 (522)	20,000	77 dB(A)	35 (991)	3/8 (10)	1/4" NPT	3/8"-24 Male	2.3 (1.0)	8-1/8 (206)	5-1/2 (140)

**Tune-Up Kit: No. 96045** (page 192) • Additional Specifications: Air Pressure 90 PSIG (6.2 Bar)





# 4" Dia. Disc Sanders

## .7 hp, 1 hp and 1.3 hp Models

**ABRASIVE  
CAPACITY**
**ABRASIVE DISCS**  
4" (102 mm) diameter

**High Quality Air-Powered and Electric Disc Sanders**
**Pistol Grip, .7 hp, Gearless, Rear Exhaust**
**Model 50324 11,000 RPM**

- Includes 50192 Locking-Type Pad (4" diameter); pad mounts to tool spindle without adapters.
- Governor speed control maintains RPM under load.
- Gearless for reduced maintenance and down-time.
- Removable side handle.



Model 50324


**Gearless**


Model 50324

Model Number	Motor hp (W)	Motor RPM	Sound Level	Maximum Air Flow SCFM (LPM)	Hose I.D. Size Inch (mm)	Air Inlet Thread	Tool Thread	Weight Pound (kg)	Length Inch (mm)	Height Inch (mm)
50324	.7 (522)	11,000	79 dB(A)	32 (906)	3/8 (10)	1/4" NPT	3/8"-24 Male	2.2 (1.0)	6-5/8 (168)	5-5/8 (143)

**Tune-Up Kit: No. 96047** (page 192) • Additional Specifications: Air Pressure 90 PSIG (6.2 Bar)

**Right Angle, 1 hp, Rear Exhaust**
**Model 52560 12,000 RPM**

- Includes 50192 Locking-Type Pad (4" diameter).
- Reversible handle for right or left hand operation.
- One-piece, factory-certified governor design.
- Extended muffler design.



Model 52560



Model 52560

Model Number	Motor hp (W)	Motor RPM	Sound Level	Maximum Air Flow SCFM (LPM)	Hose I.D. Size Inch (mm)	Air Inlet Thread	Tool Thread	Weight Pound (kg)	Length Inch (mm)	Height Inch (mm)
52560	1 (744)	12,000	78 dB(A)	40 (1,138)	3/8 (10)	3/8" NPT	5/8"-11 Male	4.1 (1.8)	11-11/16 (296)	4-1/4 (108)

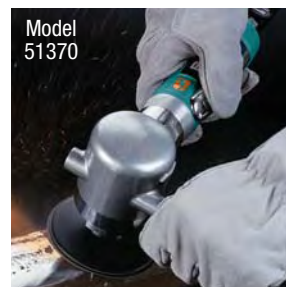
**Tune-Up Kit: No. 96532** (page 192) • Additional Specifications: Air Pressure 90 PSIG (6.2 Bar)

**4" Diameter, Right Angle, 1.3 hp, Gearless**
**Model 51370 12,000 RPM**

- Includes 50192 Locking-Type Pad (4" diameter).
- Reversible handle for right or left hand operation.
- Gearless for reduced maintenance and down-time.
- Features standard muffler for more compact design; rear exhaust.
- Tool combines top efficiency with great value.



Model 51370


**Gearless**


Model 51370

Model Number	Motor hp (W)	Motor RPM	Sound Level	Maximum Air Flow SCFM (LPM)	Hose I.D. Size Inch (mm)	Air Inlet Thread	Tool Thread	Weight Pound (kg)	Length Inch (mm)	Height Inch (mm)
51370	1.3 (969)	12,000	85 dB(A)	50 (1,416)	1/2 (13)	3/8" NPT	3/8"-24 Male	4.5 (2.0)	10-7/16 (265)	4-7/16 (112)

**Tune-Up Kit: No. 96504** (page 192) • Additional Specifications: Air Pressure 90 PSIG (6.2 Bar)

**FASTTRACK**

# 4-1/2" Dia. Disc Sanders

.55 hp and 1.3 hp Models

**ABRASIVE CAPACITY**  
**ABRASIVE DISCS**  
 4" (102 mm) and  
 4-1/2" (114 mm) diameter

High Quality Air-Powered Disc Sanders

**Light Duty Models**

**4-1/2" Diameter, Right Angle, .55 hp**

- .55 hp models are ideal for light duty applications on metal, fiberglass and more.
- Gearless for reduced maintenance and downtime.
- Disc mount and flange nut included; 7/8" center hole abrasives are flange-mounted. Rear exhaust.
- Each model combines top efficiency with great value.

**Model 52515 15,000 RPM, 5/8"-11 Thread**

- Includes 50267 Disc Pad (4-1/2" diameter).

**Model 52516 15,000 RPM, 5/8"-11 Thread**

- Includes 50267 Disc Pad, 07184 Guard and 01462 Safety-Lock Lever.

**Model 52518 15,000 RPM, M14x2 Thread**

- Includes 07184 Guard and 01462 Safety-Lock Lever. (Disc Pad not included.)



Model 52515



Model 52515

The use of a filter-regulator-lubricator will increase tool performance, extend tool life and lessen repair costs. (See page 162.)

Model Number	Motor hp (W)	Motor RPM	Sound Level	Maximum Air Flow SCFM (LPM)	Hose I.D. Size Inch (mm)	Air Inlet Thread	Tool Thread	Weight Pound (kg)	Length Inch (mm)	Height Inch (mm)
52515	.55 (410)	15,000	83 dB(A)	33 (934)	3/8 (10)	1/4" NPT	5/8"-11 Male	1.9 (0.8)	6 (152)	3-7/8 (98)
52516	.55 (410)	15,000	83 dB(A)	33 (934)	3/8 (10)	1/4" NPT	5/8"-11 Male	1.9 (0.8)	6 (152)	3-7/8 (98)
52518	.55 (410)	15,000	83 dB(A)	33 (934)	3/8 (10)	1/4" NPT	M14x2	1.9 (0.8)	6 (152)	3-7/8 (98)

Tune-Up Kit: No. 96522 (page 192) • Additional Specifications: Air Pressure 90 PSIG (6.2 Bar)

**4-1/2" Diameter, Right Angle, 1.3 hp**

**Model 51371 12,000 RPM**

- Includes 51148 Disc Pad (4-1/2" diameter).
- Gearless for reduced maintenance and downtime.
- Offers higher horsepower and torque levels than similar competitive tools. Rear exhaust.
- Side handle included for comfortable operation and reduced vibration levels.
- Features spindle-lock for easy pad change.
- Tool combines top efficiency with great value.



Model 51371



Model Number	Motor hp (W)	Motor RPM	Sound Level	Maximum Air Flow SCFM (LPM)	Hose I.D. Size Inch (mm)	Air Inlet Thread	Tool Thread	Weight Pound (kg)	Length Inch (mm)	Height Inch (mm)
51371	1.3 (969)	12,000	85 dB(A)	50 (1,416)	1/2 (13)	3/8" NPT	5/8"-11 Male	4.5 (2.0)	10-7/16 (265)	4-7/16 (112)

Tune-Up Kit: No. 96504 (page 192) • Additional Specifications: Air Pressure 90 PSIG (6.2 Bar)





# 4-1/2"-5" Dia. Disc Sanders

.7 hp and 1 hp Models

**ABRASIVE CAPACITY**  
**ABRASIVE DISCS**  
 4-1/2" (114 mm) to  
 5" (127 mm) diameter

High Quality Air-Powered Disc Sanders

**Pistol Grip, .7 hp, Rear Exhaust**

- Each model includes 50267 Disc Pad Assembly for slotted center-hole abrasive discs.
- Gearless motor for reduced maintenance and downtime.
- Governor-controlled to maintain RPM under heavy load.
- Removable side handle.

**Model 50320 8,000 RPM**



**Model 50321 11,000 RPM**




Model 50320

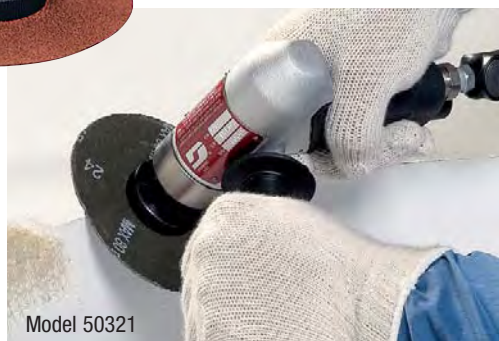


**Gearless**

 Dynaswivel® air line connector is ideal for use with most air tools. The Dynaswivel® improves tool maneuverability, minimizes operator fatigue and extends hose life. (See page 163.) 

 Motor Tune-Up Kits will extend the life of an air tool when used with a preventative maintenance schedule. (See page 192.)

*Right: 50321 Pistol-Grip Disc Sander quickly and effectively removes excess fiberglass.*



Model 50321

Model Number	Motor hp (W)	Motor RPM	Sound Level	Maximum Air Flow SCFM (LPM)	Hose I.D. Size Inch (mm)	Air Inlet Thread	Tool Thread	Weight Pound (kg)	Length Inch (mm)	Height Inch (mm)
50320	.7 (522)	8,000	75 dB(A)	30 (850)	3/8 (10)	1/4" NPT	5/8"-11 Male	2.2 (1.0)	6-5/8 (168)	5-5/8 (143)
50321	.7 (522)	11,000	79 dB(A)	32 (906)	3/8 (10)	1/4" NPT	5/8"-11 Male	2.2 (1.0)	6-5/8 (168)	5-5/8 (143)

**Tune-Up Kit: No. 96047** (page 192) • Additional Specifications: Air Pressure 90 PSIG (6.2 Bar)

**Right Angle, 1 hp, Rear Exhaust**

- Extended muffler for reduced sound levels.
- Reversible side handle for left or right hand operation.

**5/8"-11 Thread Models**

**Model 52562 9,000 RPM**

- Includes 51150 Disc Pad Assembly.

**Model 52561 11,000 RPM**

- Includes 51148 Disc Pad Assembly.

**M14 Male Thread Models**

- Ideal for use with 115-127 mm diameter Disc Pads with M14 female thread (sold separately).

**Model 52564 9,000 RPM**

**Model 52565 11,000 RPM**

**Model 52566 12,000 RPM**



Model 52561

Model Number	Motor hp (W)	Motor RPM	Sound Level	Maximum Air Flow SCFM (LPM)	Hose I.D. Size Inch (mm)	Air Inlet Thread	Tool Thread	Weight Pound (kg)	Length Inch (mm)	Height Inch (mm)
52561	1 (744)	11,000	79 dB(A)	41 (1,172)	3/8 (10)	3/8" NPT	5/8"-11 Male	4 (1.8)	11-11/16 (296)	3-3/4 (95)
52562	1 (744)	9,000	80 dB(A)	39 (1,116)	3/8 (10)	3/8" NPT	5/8"-11 Male	4 (1.8)	11-11/16 (296)	3-3/4 (95)
52564	1 (744)	9,000	80 dB(A)	39 (1,116)	3/8 (10)	3/8" NPT	M14x2 Male	4 (1.8)	11-11/16 (296)	3-3/4 (95)
52565	1 (744)	11,000	79 dB(A)	41 (1,172)	3/8 (10)	3/8" NPT	M14x2 Male	4 (1.8)	11-11/16 (296)	3-3/4 (95)
52566	1 (744)	12,000	78 dB(A)	40 (1,138)	3/8 (10)	3/8" NPT	M14x2 Male	4 (1.8)	11-11/16 (296)	3-3/4 (95)

**Tune-Up Kit: No. 96532** (page 192) • Additional Specifications: Air Pressure 90 PSIG (6.2 Bar)



# 4-1/2"-5" Dia. Disc Sanders

## 1.2 hp Models

**ABRASIVE CAPACITY**  
**ABRASIVE DISCS**  
 4-1/2" (114 mm) to  
 5" (127 mm) diameter

High Quality Air-Powered Disc Sanders

### Vertical, 1.2 hp, Side Exhaust

- Each model Includes 51150 Disc Pad Assembly (5" diameter).
- Powerful air motor is governor-controlled to maintain RPM under heavy load.
- Safety-lock throttle lever prevents accidental start-up.
- Side handle increases control and reduces hand fatigue.
- For best performance use 98273 Coupler and Plug Assembly.

**Model 50304 8,500 RPM**

**Model 50307 11,000 RPM**



Model 50307



95462 Dynaswivel® air line connector is ideal for use with these tools. Dynaswivel® improves tool maneuverability, minimizes operator fatigue and extends hose life. (See page 163.)



Model Number	Motor hp (W)	Motor RPM	Sound Level	Maximum Air Flow SCFM (LPM)	Hose I.D. Size Inch (mm)	Air Inlet Thread	Tool Thread	Weight Pound (kg)	Length Inch (mm)	Height Inch (mm)
50304	1.2 (895)	8,500	75 dB(A)	32 (906)	1/2 (13)	1/2" NPT	5/8"-11 Male	4.0 (1.8)	8 (203)	6 (152)
50307	1.2 (895)	11,000	78 dB(A)	36 (1,020)	1/2 (13)	1/2" NPT	5/8"-11 Male	4.0 (1.8)	8 (203)	6 (152)

Tune-Up Kit: No. 96011 (page 192) • Additional Specifications: Air Pressure 90 PSIG (6.2 Bar)

### Right Angle, 1.2 hp, Rear Exhaust

- Each model includes 51150 Disc Pad Assembly (5" diameter).
- Powerful air motor is governor-controlled to maintain RPM under heavy load.
- Lubricated gears increase durability.
- Reversible side handle increases control and reduces fatigue.
- Safety-lock throttle lever prevents accidental start-up.
- NOTE: For maximum performance, optional 95870 air hose (1/2" dia.) is recommended.

**Model 50345 8,500 RPM**

**Model 50360 12,000 RPM**



Model 50345



The use of a filter-regulator-lubricator will increase tool performance, extend tool life and lessen repair costs. (See page 162.)



Model Number	Motor hp (W)	Motor RPM	Sound Level	Maximum Air Flow SCFM (LPM)	Hose I.D. Size Inch (mm)	Air Inlet Thread	Tool Thread	Weight Pound (kg)	Length Inch (mm)	Height Inch (mm)
50345	1.2 (895)	8,500	76 dB(A)	43 (1,218)	1/2 (13)	1/2" NPT	5/8"-11 Male	4.8 (2.2)	11-3/4 (298)	3-1/8 (80)
50360	1.2 (895)	12,000	82 dB(A)	41 (1,161)	1/2 (13)	1/2" NPT	5/8"-11 Male	4.8 (2.2)	11-3/4 (298)	3-1/8 (80)

Tune-Up Kit: No. 96011 (page 192) • Additional Specifications: Air Pressure 90 PSIG (6.2 Bar)





# 7" Dia. Disc Sanders

## 1 hp, 1.2 hp and 2 hp Models

**ABRASIVE CAPACITY**
**ABRASIVE DISCS**  
 7" (178 mm) diameter

### High Quality Air-Powered Disc Sanders

#### Right Angle, 6,000 RPM

- Air motor is governor-controlled to maintain RPM under heavy load.
- Lubricated gears increase durability.
- Side handle is reversible for left or right hand operation.
- Safety-lock throttle lever included.

#### Rear Exhaust Models

##### Model 52563 1 hp, 5/8"-11 Thread

- Includes 51151 Disc Pad Assembly (7" diameter).

##### Model 52567 1 hp, M14 Thread

- Disc Pad Assembly not included.



Model 52563

#### Side Exhaust Models

- Each model includes 51151 Disc Pad Assembly (7" diameter).

##### Model 50349 1.2 hp, 5/8"-11 Thread

##### Model 50347 2 hp, 5/8"-11 Thread



Model 50349



The use of a filter-regulator-lubricator will increase tool performance, extend tool life and lessen repair costs. (See page 162.)



Model Number	Motor hp (W)	Motor RPM	Sound Level	Maximum Air Flow SCFM (LPM)	Hose I.D. Size Inch (mm)	Air Inlet Thread	Tool Thread	Weight Pound (kg)	Length Inch (mm)	Height Inch (mm)
50347	2 (1,491)	6,000	82 dB(A)	71 (2,011)	1/2 (13)	1/2" NPT	5/8"-11 Male	6.9 (3.1)	13-3/4 (349)	3-5/8 (92)
50349	1.2 (895)	6,000	79 dB(A)	43 (1,218)	1/2 (13)	1/2" NPT	5/8"-11 Male	4.8 (2.2)	11-3/4 (298)	3-1/8 (79)
52563	1 (744)	6,000	82 dB(A)	40 (1,127)	3/8 (10)	3/8" NPT	5/8"-11 Male	4.1 (1.8)	11-11/16 (296)	3-3/4 (95)
52567	1 (744)	6,000	82 dB(A)	40 (1,127)	3/8 (10)	3/8" NPT	M14 Male	4.1 (1.8)	11-11/16 (296)	3-3/4 (95)

**Tune-Up Kits:** 50347 - 96043; 50349 - No. 96042; 52563, 52567 - No. 96532 (page 192) • Additional Specifications: Air Pressure 90 PSIG (6.2 Bar)

#### Vertical, Side Exhaust, 5/8"-11 Thread

- Each model includes 51151 Disc Pad Assembly (7" diameter).
- Gearless for reduced maintenance and downtime.
- Governor-controlled to maintain RPM under heavy load.
- Safety-lock throttle lever. Removable side handle.
- NOTE: For optimum performance, optional 95870 air hose (1/2" dia.) is recommended.

##### Model 52450 6,000 RPM

##### Model 52451 7,200 RPM

##### Model 52454 8,500 RPM



95462 Dynaswivel® air line connector is ideal for use with these tools. (See page 163.)

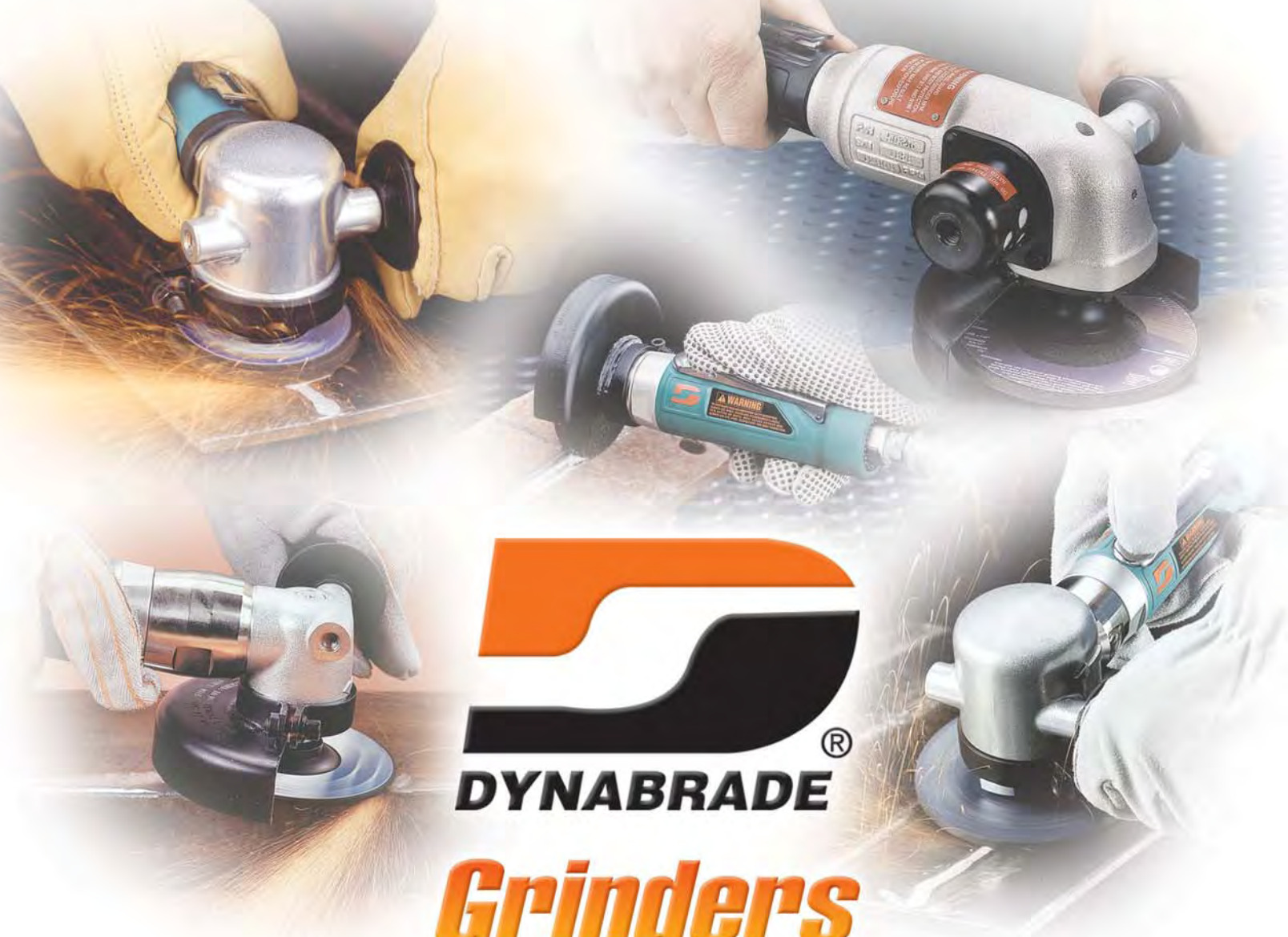


Model 52450

Model Number	Motor hp (W)	Motor RPM	Sound Level	Maximum Air Flow SCFM (LPM)	Hose I.D. Size Inch (mm)	Air Inlet Thread	Tool Thread	Weight Pound (kg)	Length Inch (mm)	Height Inch (mm)
52450	2 (1,491)	6,000	82 dB(A)	60 (1,699)	1/2 (13)	1/2" NPT	5/8"-11 Male	9 (4.1)	13 (330)	8-1/4 (210)
52451	2 (1,491)	7,200	84 dB(A)	66 (1,869)	1/2 (13)	1/2" NPT	5/8"-11 Male	9 (4.1)	13 (330)	8-1/4 (210)
52454	2 (1,491)	8,500	86 dB(A)	73 (2,067)	1/2 (13)	1/2" NPT	5/8"-11 Male	9 (4.1)	13 (330)	8-1/4 (210)

**Tune-Up Kit:** No. 96259 (page 192) • Additional Specifications: Air Pressure 90 PSIG (6.2 Bar)


**FASTTRACK**



# Grinders

Depressed Center Wheel Grinders .....	120	Cut-Off Wheel Tools .....	127
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# Depressed Center Wheel Grinders

## Air-Powered Grinders, 2" and 3" Diameter

**ABRASIVE  
CAPACITY**
**TYPE 27 REINFORCED  
DEPRESSED CTR. WHEELS**  
2", 3" Dia. (51 mm, 76 mm)

**For Fast Weld and Stock Removal, Rust and Scale Removal, Heavy Deburring**

### 2" Diameter, Right Angle, .4 hp, Rear Exhaust

- Each model includes 90999 Depressed Center Wheel (24 grit), 2" diameter with 3/8" center hole. Guard and wheel flange set also included.
- Compact, short muffler design.
- Optional 01462 Safety-Lock Throttle is available.

**Model 52710 12,000 RPM**
**Model 52711 15,000 RPM**
**Model 52712 20,000 RPM**


Model 52710

### 3" Diameter, Right Angle, .55 hp, Rear Exhaust

**Model 57127 15,000 RPM**

- Accepts optional 3" diameter Type 27 Depressed Center Wheel, with 3/8" center hole (wheel width of 1/8" to 1/4").
- Powerful high-torque grinding action; standard muffler for reduced sound levels.
- Gearless design for reduced maintenance and downtime.
- Removable side handle. Also includes safety-lock throttle lever, plus guard and wheel flange set.


**Gearless**

 Model  
57127

 Wheel Sold  
Separately

### 3" Diameter, 7° Offset, .7 hp, Front Exhaust

**Model 52700 18,000 RPM**

- Accepts optional 3" diameter Type 27 Depressed Center Wheels, with 3/8" center hole (wheel width of 1/8" to 1/4").
- Powerful high-torque grinding action.
- Gearless design for reduced maintenance and downtime.
- Handle is offset 7° for enhanced operator comfort.
- Removable side handle; guard and wheel flange set included.
- Easily converts to 1/4" Die Grinder (with optional 50010 Collet), or Drill (with optional 53032 Chuck).


 Use ONLY Type 27 Reinforced  
Depressed Center Wheels  
(sold separately, unless noted)  
with these models.


Model 52700

 Wheel Sold  
Separately

**Gearless**
**Important:** Speed of tool must not exceed maximum operating speed of accessory. Never mount bonded grinding wheels. Always wear eye, face & body protection.

Model Number	Motor hp (W)	Motor RPM	Sound Level	Maximum Air Flow SCFM (LPM)	Hose I.D. Size Inch (mm)	Air Inlet Thread	Spindle Thread	Weight Pound (kg)	Length Inch (mm)	Height Inch (mm)
52700	.7 (522)	18,000	86 dB(A)	32 (906)	3/8 (10)	1/4" NPT	3/8"-24 Male	2.2 (1.0)	7-1/4 (184)	4-1/2 (114)
52710	.4 (298)	12,000	86 dB(A)	21 (595)	1/4 (6)	1/4" NPT	3/8"-24 Male	1.1 (.5)	5-3/4 (146)	3 (76)
52711	.4 (298)	15,000	86 dB(A)	21 (595)	1/4 (6)	1/4" NPT	3/8"-24 Male	1.1 (.5)	5-3/4 (146)	3 (76)
52712	.4 (298)	20,000	87 dB(A)	21 (595)	1/4 (6)	1/4" NPT	3/8"-24 Male	1.1 (.5)	5-3/4 (146)	3 (76)
57127	.55 (410)	15,000	83 dB(A)	33 (934)	3/8 (10)	1/4" NPT	3/8"-24 Male	1.9 (.8)	6 (152)	3-7/8 (98)

**Tune-Up Kits:** 2" Diameter Models - **96179**; 52700 - **96045**; 57127 - **96522** (page 192) • Additional Specifications: Air Pressure 90 PSIG (6.2 Bar)


# Depressed Center Wheel Grinders

## Air-Powered Grinders, 3" and 4" Diameter

**ABRASIVE  
CAPACITY**
**TYPE 27 REINFORCED  
DEPRESSED CTR. WHEELS**  
3", 4" Dia. (89 mm, 102 mm)

For Fast Weld and Stock Removal, Rust and Scale Removal, Heavy Deburring

### 3" Diameter, Right Angle, .4 hp, Rear Exhaust

#### Model 52705 15,000 RPM

- Accepts optional 3" diameter Type 27 Reinforced Depressed Center Wheel, with 3/8" center hole (wheel width of 1/8" to 1/4").
- "Dual wick" lubrication system saturates gears with oil for increased performance, extended life and reduced downtime (following proper maintenance procedures).
- 15,000 RPM air motor has Kevlar® phenolic vanes for longer life.
- Air passage continually cools gear box to reduce wear and heat buildup.
- Safety-lock throttle lever, wheel guard and flanges are included.



Model 52705

Wheel Sold Separately

### 4" Diameter, Right Angle, .4 hp, Rear Exhaust

#### Model 52706 12,000 RPM

- Accepts optional 4" diameter Type 27 Reinforced Depressed Center Grinding Wheel, with 5/8" center hole (wheel width of 1/8" to 1/4").
- "Dual wick" lubrication system saturates gears with oil for increased performance, extended life and reduced downtime (following proper maintenance procedures).
- 12,000 RPM air motor has Kevlar® phenolic vanes for longer life.
- Air passage continually cools gear box to reduce wear and heat buildup.
- Safety-lock throttle lever, wheel guard and flanges are included.



Model 52706

Wheel Sold Separately

### 4" Diameter, Right Angle, 1 hp, Rear Exhaust

#### Model 50302 12,000 RPM

- Accepts optional 4" diameter Type 27 Depressed Center Wheel, with 5/8" center hole (wheel width of 1/8" to 1/4").
- Powerful high-torque grinding action; standard muffler for reduced sound levels.
- Reversible side handle for left or right hand operation.



Always use required wheel guard. Never remove a guard that is specified for a tool.



Model 50302

Wheel Sold Separately

**Important:** Speed of tool must not exceed maximum operating speed of accessory. Never mount bonded grinding wheels. Always wear eye, face & body protection.

Model Number	Motor hp (W)	Motor RPM	Sound Level	Maximum Air Flow SCFM (LPM)	Hose I.D. Size Inch (mm)	Air Inlet Thread	Spindle Thread	Weight Pound (kg)	Length Inch (mm)	Height Inch (mm)
50302	1 (744)	12,000	78 dB(A)	40 (1,138)	3/8 (10)	3/8" NPT	3/8"-24 Male	4.5 (2.0)	11-3/4 (299)	3-5/8 (92)
52705	.4 (298)	15,000	79 dB(A)	24 (680)	1/4 (6)	1/4" NPT	3/8"-24 Male	1.6 (0.7)	8-1/4 (210)	2-5/8 (67)
52706	.4 (298)	12,000	81 dB(A)	23 (651)	1/4 (6)	1/4" NPT	3/8"-24 Male	1.7 (0.8)	7-1/2 (189)	3 (76)

**Tune-Up Kits:** 50302 - No. 96532; 52705, 52706 - No. 96179; (page 192) • Additional Specifications: Air Pressure 90 PSIG (6.2 Bar)





# Depressed Center Wheel Grinders

## Electric & Air-Powered Grinders, 4-1/2" - 5" Diameter

**ABRASIVE  
CAPACITY**
**TYPE 27 REINFORCED  
DEPRESSED CTR. WHEELS**  
 4-1/2" - 5" Dia.  
 (114 mm - 127 mm)

For Fast Weld and Stock Removal, Rust and Scale Removal, Heavy Deburring

4-1/2" - 5" Diameter, Pistol Grip, .7 hp, Rear Exhaust

### Model 50340 11,000 RPM

- Accepts optional Type 27 Depressed Center Wheel in diameters of 4-1/2" and 5", with 7/8" center hole. (Wheel width of 1/8" to 1/4".)
- Governor controlled motor to maintain RPM under heavy load.
- Gearless design for reduced maintenance and downtime.
- Removable side handle, guard and wheel flange set included.



Use ONLY Type 27 Reinforced Depressed Center Wheels (sold separately, unless noted) with these models.



Model 50340

Wheel Sold Separately



**Gearless**

4-1/2" - 5" Diameter, Right Angle, 12,000 RPM

- All models accept optional Type 27 Depressed Center Wheel in diameters of 4-1/2" and 5", with 7/8" center hole (wheel width of 1/8" to 1/4").
- Standard muffler for reduced sound levels.
- Reversible handle for right or left hand operation.
- Guard and wheel flange set included. Safety-lock throttle lever.

### Model 50306

1 hp, 5/8"-11 Male Spindle, Rear Exhaust

### Model 50308

1 hp, M14 Male Spindle, Rear Exhaust

### Model 50346

1.2 hp, 5/8"-11 Male Spindle, Side Exhaust



Model 50346

Wheel Sold Separately

**Important:** Speed of tool must not exceed maximum operating speed of accessory. Never mount bonded grinding wheels. Always wear eye, face & body protection.

Model Number	Motor hp (W)	Motor RPM	Sound Level	Maximum Air Flow SCFM (LPM)	Hose I.D. Size Inch (mm)	Air Inlet Thread	Spindle Thread	Weight Pound (kg)	Length Inch (mm)	Height Inch (mm)
50306	1 (744)	12,000	78 dB(A)	40 (1,138)	3/8 (10)	3/8" NPT	5/8"-11 Male	4.8 (2.2)	11-3/4 (299)	3-13/16 (98)
50308	1 (744)	12,000	78 dB(A)	40 (1,138)	3/8 (10)	3/8" NPT	M14 Male	4.8 (2.2)	11-3/4 (299)	3-13/16 (98)
50340	.7 (522)	11,000	79 dB(A)	32 (906)	3/8 (10)	1/4" NPT	5/8"-11 Male	4.6 (2.1)	8 (203)	6-5/8 (168)
50346	1.2 (893)	12,000	87 dB(A)	41 (1,161)	1/2 (15)	1/2" NPT	5/8"-11 Male	5.7 (2.6)	11-3/4 (298)	4-5/8 (118)

**Tune-Up Kits:** 50306, 50308 - No. 96532; 50340 - No. 96047; 50346 - No. 96042 (page 192) • Additional Specifications: Air Pressure 90 PSIG (6.2 Bar)



# Depressed Center Wheel Grinders

**Air-Powered Grinders, 4-1/2" - 5" Diameter**

**ABRASIVE CAPACITY**  
**TYPE 27 REINFORCED DEPRESSED CTR. WHEELS**  
 4-1/2" - 5" Dia.  
 (114 mm - 127 mm)

**For Fast Weld and Stock Removal, Rust and Scale Removal, Heavy Deburring**

**4-1/2" - 5" Diameter, Vertical, 1.2 hp, Side Exhaust**

**Model 50303 12,000 RPM**

- Accepts optional Type 27 Depressed Center Wheel in diameters of 4-1/2" and 5", with 7/8" center hole (wheel width of 1/8" to 1/4").
- Powerful air motor is governor-controlled to maintain RPM under heavy load.
- Gearless for reduced maintenance and downtime.
- Safety-lock throttle lever prevents accidental startup. Side handle increases safety and reduces hand fatigue.
- Guard and wheel flange set included.



**5" Diameter, Right Angle, 1.3 hp, Rear Exhaust**

- Each model accepts optional 5" diameter Type 27 Depressed Center Wheel, with 7/8" center hole (wheel width of 1/8" to 1/4").
- High-torque air motor.
- Gearless design for reduced maintenance and downtime.
- Thermal-insulated handle reduces cold air transmission.

**Model 52620 12,000 RPM, 5/8"-11 Spindle Thread**

**Model 52625 12,000 RPM, M14 Spindle Thread**

- M14x2 male thread is ideal setup for 3M Green Corps™ Wheels.



Use **ONLY** Type 27 Reinforced Depressed Center Wheels (sold separately, unless noted) with these models.



Always use required wheel guard. Never remove a guard that is specified for a tool.



Green Corps is a trademark of 3M Company

**Important:** Speed of tool must not exceed maximum operating speed of accessory. Never mount bonded grinding wheels. Always wear eye, face & body protection.

Model Number	Motor hp (W)	Motor RPM	Sound Level	Maximum Air Flow SCFM (LPM)	Hose I.D. Size Inch (mm)	Air Inlet Thread	Spindle Thread	Weight Pound (kg)	Length Inch (mm)	Height Inch (mm)
50303	1.2 (895)	12,000	84 dB(A)	38 (1,076)	1/2 (13)	1/2" NPT	5/8"-11 Male	5.4 (2.4)	8 (203)	6-5/8 (168)
52620	1.3 (967)	12,000	85 dB(A)	50 (1,416)	1/2 (13)	3/8" NPT	5/8"-11 Male	5.5 (2.5)	10-7/16 (265)	4-7/16 (112)
52625	1.3 (967)	12,000	85 dB(A)	50 (1,416)	1/2 (13)	3/8" NPT	M14x2	5.5 (2.5)	10-7/16 (265)	4-7/16 (112)

**Tune-Up Kits:** 50303 - No. 96011; 52620, 52625 - No. 96504 (page 192) • Additional Specifications: Air Pressure 90 PSIG (6.2 Bar)





# Depressed Center Wheel Grinders

## Air-Powered Grinders, 7" Diameter

**ABRASIVE CAPACITY**  
**TYPE 27 REINFORCED DEPRESSED CTR. WHEELS**  
 7" (178 mm) Diameter

**For Fast Weld and Stock Removal, Rust and Scale Removal, Heavy Deburring**

### 7" Diameter, Right Angle, 1.2 hp, Side Exhaust

#### Model 50350 6,000 RPM

- Accepts optional 7" diameter Type 27 Depressed Center Wheel, with 7/8" center hole (wheel width of 1/8" to 1/4").
- Includes 11399 Type 27 Wheel Mounting Adapter Kit, with front and rear flange plus hex wrench.
- Optional 52190 Guard is available, for left hand operation.



Model 50350

Wheel Sold Separately

### 7" Diameter, Vertical, 2 hp, Side Exhaust

- Each model accepts optional 7" diameter Type 27 Depressed Center Wheel, with 7/8" center hole (wheel width of 1/8" to 1/4").
- Includes 11399 Type 27 Wheel Mounting Adapter Kit, with front and rear flange plus hex wrench.

#### Model 52452 6,000 RPM

#### Model 52453 7,200 RPM

#### Model 52455 8,500 RPM



Always use required wheel guard. Never remove a guard that is specified for a tool.

Model 52452



Wheel Sold Separately

### 7" Diameter, Right Angle, 2 hp, Side Exhaust

#### Model 50348 6,000 RPM

- Accepts optional 7" diameter Type 27 Depressed Center Wheel, with 7/8" center hole (wheel width of 1/8" to 1/4").
- Includes 11399 Type 27 Wheel Mounting Adapter Kit, with front and rear flange plus hex wrench.
- Powerful air motor is governor-controlled to maintain RPM under heavy load, and to insure smooth operation. Lubricated gears increase durability.
- Safety-lock throttle lever prevents accidental startup. Side handle enhances operator control. Rubber insulated grip reduces cold on operator's hand.



Model 50348

Wheel Sold Separately

**Important:** Speed of tool must not exceed maximum operating speed of accessory. Never mount bonded grinding wheels. Always wear eye, face & body protection.

Model Number	Motor hp (W)	Motor RPM	Sound Level	Maximum Air Flow SCFM (LPM)	Hose I.D. Size Inch (mm)	Air Inlet Thread	Spindle Thread	Weight Pound (kg)	Length Inch (mm)	Height Inch (mm)
50348	2.0 (1,491)	6,000	86 dB(A)	64 (1,812)	1/2 (13)	1/2" NPT	5/8"-11 Male	8.6 (3.9)	13-3/4 (349)	5-1/4 (132)
50350	1.2 (893)	6,000	83 dB(A)	43 (1,218)	1/2 (13)	1/2" NPT	5/8"-11 Male	6.8 (3.1)	11-3/4 (298)	4-5/8 (118)
52452	2.0 (1,491)	6,000	82 dB(A)	61 (1,728)	1/2 (13)	1/2" NPT	5/8"-11 Male	9.4 (4.2)	13 (330)	8-1/4 (210)
52453	2.0 (1,491)	7,200	84 dB(A)	66 (1,869)	1/2 (13)	1/2" NPT	5/8"-11 Male	9.4 (4.2)	13 (330)	8-1/4 (210)
52455	2.0 (1,491)	8,500	86 dB(A)	73 (2,067)	1/2 (13)	1/2" NPT	5/8"-11 Male	9.4 (4.2)	13 (330)	8-1/4 (210)

**Tune-Up Kits:** 50348 - No. 96043; 50350 - No. 96042; 52452-52455 - No. 96259 (page 192) • Additional Specifications: Air Pressure 90 PSIG (6.2 Bar)



# Type 1 Wheel Grinders

## Air-Powered Grinders, 3 and 4" Diameter

**ABRASIVE CAPACITY**  
**REINFORCED TYPE 1 GRINDING WHEELS**  
 3" and 4" Diameters  
 (76 mm and 102 mm)

Clean Metal, Grind and Smooth Weld Seams, Remove Imperfections Prior to Painting

### 3" Diameter, Straight Line, 1 hp, 6" Extension

- Each model accepts optional 3" diameter Type 1 Wheel, with 3/8" center hole (maximum wheel width of 1/2").
- Governor-controlled motor maintains RPM under heavy load; rear exhaust.
- Safety-lock lever is included on all models.
- Standard cushioned grip enhances operator comfort and control.

**Model 52376 12,000 RPM**

**Model 52377 15,000 RPM**

**Model 52378 18,000 RPM**



Always use required wheel guard. Never remove a guard that is specified for a tool.



Model 52376

Wheel Sold Separately

### 4" Diameter, Straight Line, 1 hp

- Each model accepts optional 4" diameter Type 1 Wheel, with 3/8" center hole (maximum wheel width of 1/4").
- Governor-controlled motor maintains RPM under heavy load; rear exhaust.
- Safety-lock lever is included on all models.

**Model 52373 12,000 RPM**

**Model 52374 15,000 RPM**



Model 52373

Wheel Sold Separately

### 4" Diameter, Straight Line, 1 hp, 6" Extension

- Each model accepts optional 4" diameter Type 1 Wheel, with 3/8" center hole (maximum wheel width of 1/4").
- Governor-controlled motor maintains RPM under heavy load; rear exhaust.
- Safety-lock lever is included on all models.
- Standard cushioned grip enhances operator comfort and allows additional control.

**Model 52379 12,000 RPM**

**Model 52380 15,000 RPM**



Model 52379

Wheel Sold Separately

**Important:** Speed of tool must not exceed maximum operating speed of accessory. Never mount bonded grinding wheels. Always wear eye, face & body protection.

Model Number	Motor hp (W)	Motor RPM	Sound Level	Maximum Air Flow SCFM (LPM)	Hose I.D. Size Inch (mm)	Air Inlet Thread	Spindle Thread	Weight Pound (kg)	Length Inch (mm)	Height Inch (mm)
52373	1.0 (744)	12,000	82 dB(A)	38 (1,076)	3/8 (10)	3/8" NPT	3/8"-24 Male	2.7 (1.2)	8-5/8 (218)	4-1/2 (113)
52374	1.0 (744)	15,000	83 dB(A)	39 (1,104)	3/8 (10)	3/8" NPT	3/8"-24 Male	2.8 (1.3)	9-3/4 (248)	4-1/2 (113)
52376	1.0 (744)	12,000	82 dB(A)	38 (1,076)	3/8 (10)	3/8" NPT	3/8"-24 Male	3.9 (1.8)	14-1/4 (362)	3-1/2 (89)
52377	1.0 (744)	15,000	83 dB(A)	39 (1,104)	3/8 (10)	3/8" NPT	3/8"-24 Male	3.9 (1.8)	14-1/4 (362)	3-1/2 (89)
52378	1.0 (744)	18,000	84 dB(A)	40 (1,133)	3/8 (10)	3/8" NPT	3/8"-24 Male	3.9 (1.8)	14-1/4 (362)	3-1/2 (89)
52379	1.0 (744)	12,000	82 dB(A)	38 (1,076)	3/8 (10)	3/8" NPT	3/8"-24 Male	3.9 (1.8)	14-1/4 (362)	4-1/2 (113)
52380	1.0 (744)	15,000	83 dB(A)	39 (1,104)	3/8 (10)	3/8" NPT	3/8"-24 Male	3.9 (1.8)	14-1/4 (362)	4-1/2 (113)

**Tune-Up Kit: No. 96532** (page 192) • Additional Specifications: Air Pressure 90 PSIG (6.2 Bar)





# Cone or Plug Wheel Grinders

## Air-Powered Grinders

**ABRASIVE  
CAPACITY**
**CONE OR PLUG WHEELS**  
 1-1/4" (32 mm) Diameter

Clean Metal, Grind and Smooth Weld Seams, Remove Imperfections Prior to Painting

### Straight Line, 1 hp, Rear Exhaust

- Each model accepts optional Abrasive Cone or Plug Wheel, 1-1/4" diameter.
- Governor-controlled motor maintains RPM under heavy load.
- Safety-lock lever is included on all models.
- Industrial applications in fabrication plants, welding shops, foundries, steel mills and shipyards.

**Model 52715** 12,000 RPM

**Model 52716** 15,000 RPM

**Model 52717** 18,000 RPM

**Model 52718** 20,000 RPM



### Straight Line, 1 hp, Rear Exhaust, 6" Extension

- Each model accepts optional Abrasive Cone or Plug Wheel, 1-1/4" diameter.
- Governor-controlled motor maintains RPM under heavy load.
- Safety-lock lever is included on all models.
- Standard cushioned grip enhances operator comfort and offers additional control.
- Industrial applications in fabrication plants, welding shops, foundries, steel mills and shipyards.

**Model 52719** 12,000 RPM

**Model 52720** 15,000 RPM

**Model 52721** 18,000 RPM

**Model 52722** 20,000 RPM



All models can be converted to 5/8"-11 thread with 53652 cone or plug adapter.

**Important:** Speed of tool must not exceed maximum operating speed of accessory. Never mount bonded grinding wheels. Always wear eye, face & body protection.

Model Number	Motor hp (W)	Motor RPM	Sound Level	Maximum Air Flow SCFM (LPM)	Hose I.D. Size Inch (mm)	Air Inlet Thread	Spindle Thread	Weight Pound (kg)	Length Inch (mm)	Height Inch (mm)
52715	1 (744)	12,000	82 dB(A)	38 (1,076)	3/8" NPT	3/8 (10)	3/8"-24 Male	2.0 (.9)	7-3/4 (198)	1-7/8 (48)
52716	1 (744)	15,000	80 dB(A)	39 (1,104)	3/8" NPT	3/8 (10)	3/8"-24 Male	2.0 (.9)	8-7/8 (225)	1-7/8 (48)
52717	1 (744)	18,000	81 dB(A)	40 (1,133)	3/8" NPT	3/8 (10)	3/8"-24 Male	2.0 (.9)	8-7/8 (225)	1-7/8 (48)
52718	1 (744)	20,000	80 dB(A)	44 (1,256)	3/8" NPT	3/8 (10)	3/8"-24 Male	2.0 (.9)	8-7/8 (225)	1-7/8 (48)
52719	1 (744)	12,000	82 dB(A)	38 (1,076)	3/8" NPT	3/8 (10)	3/8"-24 Male	3.3 (1.5)	13-1/4 (335)	1-7/8 (48)
52720	1 (744)	15,000	80 dB(A)	39 (1,104)	3/8" NPT	3/8 (10)	3/8"-24 Male	3.3 (1.5)	14-3/8 (365)	1-7/8 (48)
52721	1 (744)	18,000	81 dB(A)	40 (1,133)	3/8" NPT	3/8 (10)	3/8"-24 Male	3.3 (1.5)	14-3/8 (365)	1-7/8 (48)
52722	1 (744)	20,000	80 dB(A)	44 (1,256)	3/8" NPT	3/8 (10)	3/8"-24 Male	3.3 (1.5)	14-3/8 (365)	1-7/8 (48)

**Tune-Up Kit: No. 96532** (page 192) • Additional Specifications: Air Pressure 90 PSIG (6.2 Bar)

# Cut-Off Wheel Tools

## Air-Powered Cutting Tools, 3" Diameter

**ABRASIVE  
CAPACITY**
**TYPE 1  
CUT-OFF WHEELS**  
3" (76 mm) Diameter

For Efficient Cutting of Sheet Metal, Frame Rails, Clamps, Bolts, etc.

### 3" Diameter, Right Angle, .4 hp

#### Model 52439 12,000 RPM

- Accepts optional 3" diameter Type 1 Cut-Off Wheels.
- Compact size is ideal for hard-to-trim areas.
- "Dual wick" lubrication system saturates gears with oil for increased performance, extended life and reduced downtime (following proper maintenance procedures).
- Safety-lock lever is included; rear exhaust.



### 3" Diameter, Straight Line, .5 hp, 20,000 RPM

- Each model accepts optional 3" diameter Type 1 Cut-Off Wheels.
- Gearless motor design for reduced maintenance and downtime.
- Safety-lock lever is included.

#### Model 52434 Front Exhaust

#### Model 52435 Rear Exhaust



### 3" Diameter, 7° Offset, .5 hp, 20,000 RPM

#### Model 52420 Front Exhaust

- Accepts optional 3" diameter Type 1 Cut-Off Wheels.
- Gearless motor design for reduced maintenance and downtime.
- Safety-lock lever is included.



Always use required wheel guard. Never remove a guard that is specified for a tool.



### 3" Diameter, Straight Line, 1 hp, 6" Extension

- Each model accepts optional 3" diameter Type 1 Cut-Off Wheels.
- Gearless motor design for reduced maintenance and downtime.
- Governor-controlled motor maintains RPM under heavy load.
- Safety-lock lever is included; rear exhaust.

#### Model 52576 15,000 RPM

#### Model 52577 18,000 RPM

#### Model 52578 20,000 RPM



**Important:** Speed of tool must not exceed maximum operating speed of accessory. Never mount bonded grinding wheels. Always wear eye, face & body protection.

Model Number	Motor hp (W)	Motor RPM	Sound Level	Maximum Air Flow SCFM (LPM)	Hose I.D. Size Inch (mm)	Air Inlet Thread	Spindle Thread	Weight Pound (kg)	Length Inch (mm)	Height Inch (mm)
52420	.5 (373)	20,000	85 dB(A)	28 (793)	3/8 (10)	1/4" NPT	3/8"-24 Male	2.2 (1.0)	6 (152)	5-1/2 (140)
52434	.5 (373)	20,000	84 dB(A)	27 (765)	3/8 (10)	1/4" NPT	3/8"-24 Male	2.0 (0.9)	6-3/8 (162)	3-1/8 (79)
52435	.5 (373)	20,000	80 dB(A)	27 (765)	3/8 (10)	1/4" NPT	3/8"-24 Male	2.3 (1.0)	8-1/2 (216)	3-1/8 (79)
52439	.4 (306)	12,000	86 dB(A)	21 (595)	1/4 (6)	1/4" NPT	3/8"-24 Male	1.6 (0.7)	8-1/2 (216)	3-1/8 (79)
52576	1 (744)	15,000	83 dB(A)	39 (1,104)	3/8 (10)	3/8" NPT	3/8"-24 Male	4.0 (1.8)	14-7/8 (379)	3-1/8 (79)
52577	1 (744)	18,000	84 dB(A)	40 (1,133)	3/8 (10)	3/8" NPT	3/8"-24 Male	4.0 (1.8)	14-7/8 (379)	3-1/8 (79)
52578	1 (744)	20,000	88 dB(A)	44 (1,256)	3/8 (10)	3/8" NPT	3/8"-24 Male	4.0 (1.8)	14-7/8 (379)	3-1/8 (79)

**Tune-Up Kit:** 52420, 52435 - No. 96044; 52434 - No. 95600; 52439 - No. 96179; 52576-52578 - No. 96532 (page 192) • Air Pressure 90 PSIG (6.2 Bar)





# Cut-Off Wheel Tools

*Air-Powered Cutting Tools, 4" Diameter*

**ABRASIVE CAPACITY**  
**TYPE 1**  
**CUT-OFF WHEELS**  
 4" (102 mm) Diameter

For Efficient Cutting of Sheet Metal, Frame Rails, Clamps, Bolts, etc.

### 4" Diameter, 7° Offset, .7 hp, Front Exhaust

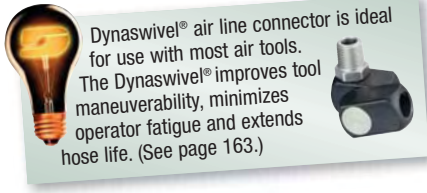
- Each model accepts optional 4" diameter Type 1 Cut-Off Wheels.
- Gearless motor design for reduced maintenance and downtime.
- Tool handle is offset 7° for greater operator comfort.
- Safety-lock lever is included; rear exhaust.

**Model 52430**

**15,000 RPM**

**Model 52431**

**20,000 RPM**



### 4" Diameter, Straight Line, 1 hp, Rear Exhaust

- Each model accepts optional 4" diameter Type 1 Cut-Off Wheels, with 3/8" center hole. (Wheel width of 1/32" - 1/8".)
- Governor controlled motor to maintain RPM under heavy load.
- Safety-lock lever is included.

**Model 52573** 15,000 RPM

**Model 52574** 20,000 RPM



### 4" Diameter, Straight Line, 1 hp, 6" Extension

- Each model accepts optional 4" diameter Type 1 Cut-Off Wheels.
- Governor controlled motor to maintain RPM under heavy load.
- Safety-lock lever is included; rear exhaust.

**Model 52579** 15,000 RPM

**Model 52580** 20,000 RPM



**Important:** Speed of tool must not exceed maximum operating speed of accessory. Never mount bonded grinding wheels. Always wear eye, face & body protection.

Model Number	Motor hp (W)	Motor RPM	Sound Level	Maximum Air Flow SCFM (LPM)	Hose I.D. Size Inch (mm)	Air Inlet Thread	Spindle Thread	Weight Pound (kg)	Length Inch (mm)	Height Inch (mm)
52430	.7 (522)	15,000	91 dB(A)	32 (906)	1/4 (6)	1/4" NPT	3/8"-24 Male	2.7 (1.2)	7-3/8 (187)	4-3/4 (121)
52431	.7 (522)	20,000	91 dB(A)	36 (1,020)	1/4 (6)	1/4" NPT	3/8"-24 Male	2.7 (1.2)	7-3/8 (187)	4-3/4 (121)
52573	1 (744)	15,000	83 dB(A)	39 (1,104)	3/8 (10)	3/8" NPT	3/8"-24 Male	2.5 (1.1)	9-3/8 (238)	4-1/2 (113)
52574	1 (744)	18,000	84 dB(A)	40 (1,133)	3/8 (10)	3/8" NPT	3/8"-24 Male	2.5 (1.1)	9-3/8 (238)	4-1/2 (113)
52579	1 (744)	15,000	83 dB(A)	39 (1,104)	3/8 (10)	3/8" NPT	3/8"-24 Male	4.1 (1.8)	14-7/8 (379)	4-1/2 (113)
52580	1 (744)	18,000	84 dB(A)	40 (1,133)	3/8 (10)	3/8" NPT	3/8"-24 Male	4.1 (1.8)	14-7/8 (379)	4-1/2 (113)

**Tune-Up Kits:** .7 hp models - No. 96045; 1 hp Models - No. 96532 (page 192) • Additional Specifications: Air Pressure 90 PSIG (6.2 Bar)



# Vacuum Cut-Off Wheel Tools

## Air-Powered Cutting Tools, 3" - 5" Diameter

**ABRASIVE CAPACITY**  
**TYPE 1 / DIAMOND CUT-OFF WHEELS**  
 3" - 5" Diameter  
 (76 mm - 127 mm))

For Efficient Cutting With Dust and Debris Removal

**3" Diameter, Right Angle, .4 hp, 12,000 RPM**

### Model 52538 Rear Exhaust

- Ideal for use with optional 3" diameter Diamond Cut-Off Wheels.
- Adjustable wheel guard has vacuum port (1" outside diameter) that diverts airborne dust and debris to optional vacuum source.
- Non-marring composite base is removable to utilize maximum blade depth of 11/16". Optional 52646 composite base is available for gel coat notching.
- "Dual wick" lubrication system saturates gears with oil for increased performance, extended life and reduced downtime.
- Safety-lock lever is included.



**4-1/2" Diameter, 7° Offset, .7 hp, 20,000 RPM**

### Model 52436 Rear Exhaust

- Ideal for use with optional 94912 Diamond Cut-Off Wheel (4-1/2" diameter). Diamond Cut-Off Wheels are slotted for cooler running and longer life.
- Adjustable wheel guard has vacuum port (1" outside diameter) that diverts airborne dust and debris to optional vacuum source.
- Blade depth exposure of 1-3/16".
- Tool includes cushioned, soft-grip side handle.
- Handle is offset 7° for greater operator comfort and control.



**5" Diameter, Right Angle, 1 hp, 12,000 RPM**

### Model 52438 Rear Exhaust

- Ideal for use with optional 5" diameter Diamond Cut-Off Wheels.
- Adjustable wheel guard has vacuum port (1-1/4" outside diameter) that diverts airborne dust and debris to optional vacuum source.
- Powerful, high-quality air motor is effective for cutting through metals, thick fiberglass over-wrap and fiber spray.
- Blade guide allows operator to expose up to 1-1/8" depth of Cut-Off Wheel if required.
- Safety-lock lever is included.



**Important:** Speed of tool must not exceed maximum operating speed of accessory. Never mount bonded grinding wheels. Always wear eye, face & body protection.

Model Number	Motor hp (W)	Motor RPM	Sound Level	Maximum Air Flow SCFM (LPM)	Hose I.D. Size Inch (mm)	Air Inlet Thread	Spindle Thread	Weight Pound (kg)	Length Inch (mm)	Height Inch (mm)
52436	.7 (522)	20,000	92 dB(A)	32 (906)	3/8 (10)	1/4" NPT	3/8"-24 Male	2.7 (1.2)	7-3/8 (187)	5-1/4 (133)
52438	1 (746)	12,000	83 dB(A)	40 (1,138)	3/8 (10)	3/8" NPT	3/8"-24 Male	6.7 (3.0)	14-5/8 (371)	4-1/2 (114)
52538	.4 (306)	12,000	86 dB(A)	21 (595)	3/8 (10)	1/4" NPT	3/8"-24 Male	2 (.97)	8-5/8 (219)	4-3/8 (111)

**Tune-Up Kits:** 52436 - No. 96045; 52438 - No. 96532; 52538 - No. 96179 (page 192) • Additional Specifications: Air Pressure 90 PSIG (6.2 Bar)



**FASTTRACK**

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***Continued Leadership In Portable Abrasive Power Tool Technology***

***[www.dynabrade.com](http://www.dynabrade.com)***

# Drills

## Air-Powered Drills, Angle Head and Right Angle

**ABRASIVE CAPACITY**  
**THREADED DRILL BITS & ACCESSORIES**  
 1/4"-28 thread

Industrial-Quality Drills in a Variety of Configurations

### Angle Head, .4 hp, Rear Exhaust

#### Model 53455 950 RPM

- Accepts 1/4"-28 threaded drill bits, sold separately.
- Angle height of only 1".
- Ideal tool for running optional 3M "SR Cutter," a plastic cutting accessory (shown). This is an efficient system for seam sealant removal, with no damage to substrate.
- Standard muffler; optional safety-lock lever available.



Motor Tune-Up Kits will extend the life of an air tool when used with a preventative maintenance schedule.

Right: 53455 Drill powers optional 3M "SR Cutter" accessory for fast, aggressive removal of seam sealant.



### Angle Head, .4 hp, Rear Exhaust

#### Model 53430 3,200 RPM

- Accepts 1/4"-28 threaded drill bits, sold separately.
- Angle height of only 1".
- External muffler design; optional safety-lock lever available.



### Right Angle, .4 hp, Rear Exhaust

#### Model 53435 3,200 RPM

- Accepts 1/4"-28 threaded drill bits, sold separately.
- Angle height of 2-1/4".
- Standard muffler; optional safety-lock lever available.



Dynaswivel® air line connector is ideal for use with most air tools. The Dynaswivel® improves tool maneuverability, minimizes operator fatigue and extends hose life. (See page 163.)

SR Cutter is registered trademark of 3M Company.

Model Number	Motor hp (W)	Motor RPM	Sound Level	Maximum Air Flow SCFM (LPM)	Hose I.D. Size Inch (mm)	Air Inlet Thread	Spindle Thread	Weight Pound (kg)	Length Inch (mm)	Height Inch (mm)
53430	.4 (298)	3,200	83 dB(A)	23 (650)	1/4 (6)	1/4" NPT	1/4"-28 Female	1.9 (.9)	11-3/8 (289)	1-5/8 (40)
53435	.4 (298)	3,200	80 dB(A)	21 (595)	1/4 (6)	1/4" NPT	1/4"-28 Female	1.9 (.9)	7 (178)	2-1/4 (57)
53455	.4 (298)	950	82 dB(A)	23 (663)	1/4 (6)	1/4" NPT	1/4"-28 Female	2.1 (.9)	11-1/8 (282)	2-3/4 (70)

Tune-Up Kits: 53430 and 53455 - No. 96333; 53435 - No. 96179 (page 192) • Additional Specifications: Air Pressure 90 PSIG (6.2 Bar)





# Drills

## Air-Powered Drills, 1/4" Chuck

**ABRASIVE CAPACITY**  
**DRILL BITS & ACCESSORIES**  
 1/4" (6 mm) dia. maximum

### Industrial-Quality Drills in a Variety of Configurations

#### Straight Line, .4 hp, Rear Exhaust

- Each model includes 1/4" drill chuck and key.
- Extended muffler design for reduced sound levels.

**Model 53077 950 RPM**

**Model 53078 3,200 RPM**

**Model 53079 5,000 RPM**



#### 7° Offset, .4 hp, Rear Exhaust


- Each model includes 1/4" drill chuck and key.
- Extended muffler design for reduced sound levels.

**Model 53072 950 RPM**

**Model 53073 3,200 RPM**

**Model 53074 5,000 RPM**



 Motor Tune-Up Kits will extend the life of an air tool when used as part of a preventative maintenance schedule. (See page 192.)

#### Right Angle, .4 hp, Front Exhaust

- Each model includes 1/4" drill chuck and key.

**Model 51846 12,000 RPM**

**Model 51847 15,000 RPM**

**Model 51848 20,000 RPM**

#### Right Angle, .4 hp, Rear Exhaust

- Each model includes 1/4" chuck and key.
- Standard muffler design.

**Model 53046 12,000 RPM**

**Model 53047 15,000 RPM**

**Model 53048 20,000 RPM**



#### Straight Line, .5 hp, Front Exhaust

**Model 53037 20,000 RPM**

- Includes 1/4" drill chuck and key.



Model Number	Motor hp (W)	Motor RPM	Sound Level	Maximum Air Flow SCFM (LPM)	Hose I.D. Size Inch (mm)	Air Inlet Thread	Spindle Thread	Weight Pound (kg)	Length Inch (mm)	Height Inch (mm)
51846	.4 (298)	12,000	85 dB(A)	21 (595)	1/4 (6)	1/4" NPT	3/8"-24 Male	1.1 (0.5)	5-1/2 (140)	4 (101)
51847	.4 (298)	15,000	84 dB(A)	21 (595)	1/4 (6)	1/4" NPT	3/8"-24 Male	1.1 (0.5)	5-1/2 (140)	4 (101)
51848	.4 (298)	20,000	89 dB(A)	21 (595)	1/4 (6)	1/4" NPT	3/8"-24 Male	1.1 (0.5)	5-1/2 (140)	4 (101)
53037	.5 (373)	20,000	87 dB(A)	27 (765)	3/8 (10)	1/4" NPT	3/8"-24 Male	1.5 (.7)	7 (178)	1-3/4 (44)
53046	.4 (298)	12,000	86 dB(A)	21 (595)	1/4 (6)	1/4" NPT	3/8"-24 Male	1.1 (.5)	5-3/4 (146)	4 (101)
53047	.4 (298)	15,000	86 dB(A)	21 (595)	1/4 (6)	1/4" NPT	3/8"-24 Male	1.1 (.5)	5-3/4 (146)	4 (101)
53048	.4 (298)	20,000	87 dB(A)	21 (595)	1/4 (6)	1/4" NPT	3/8"-24 Male	1.1 (.5)	5-3/4 (146)	4 (101)
53072	.4 (298)	950	79 dB(A)	22 (623)	1/4 (6)	1/4" NPT	3/8"-24 Male	2.2 (1.0)	8 (203)	6-3/4 (171)
53073	.4 (298)	3,200	80 dB(A)	22 (623)	1/4 (6)	1/4" NPT	3/8"-24 Male	2.1 (0.9)	8 (203)	5-1/2 (141)
53074	.4 (298)	5,000	78 dB(A)	22 (623)	1/4 (6)	1/4" NPT	3/8"-24 Male	2.1 (0.9)	8 (203)	5-1/2 (141)
53077	.4 (298)	950	82 dB(A)	22 (623)	1/4 (6)	1/4" NPT	3/8"-24 Male	1.8 (.8)	10-1/2 (267)	1-5/8 (40)
53078	.4 (298)	3,200	81 dB(A)	22 (623)	1/4 (6)	1/4" NPT	3/8"-24 Male	1.8 (.8)	10-1/2 (267)	1-5/8 (40)
53079	.4 (298)	5,000	84 dB(A)	22 (623)	1/4 (6)	1/4" NPT	3/8"-24 Male	1.8 (.8)	10-1/2 (267)	1-5/8 (40)

**Tune-Up Kits:** 51846-51848, 53046-53048 - **No. 96179**; 53037 - **No. 95600**; 53072-53074 - **No. 96174**; 53077-53079 - **No. 96173** (page 192)

Additional Specifications: Air Pressure 90 PSIG (6.2 Bar)



# Drills

## Air-Powered Drills, 3/8" Chuck

**ABRASIVE CAPACITY**  
**DRILL BITS & ACCESSORIES**  
 3/8" (10 mm) dia. maximum

**Industrial-Quality Drills in a Variety of Configurations**

**Pistol Grip, .7 hp, Rear Exhaust**

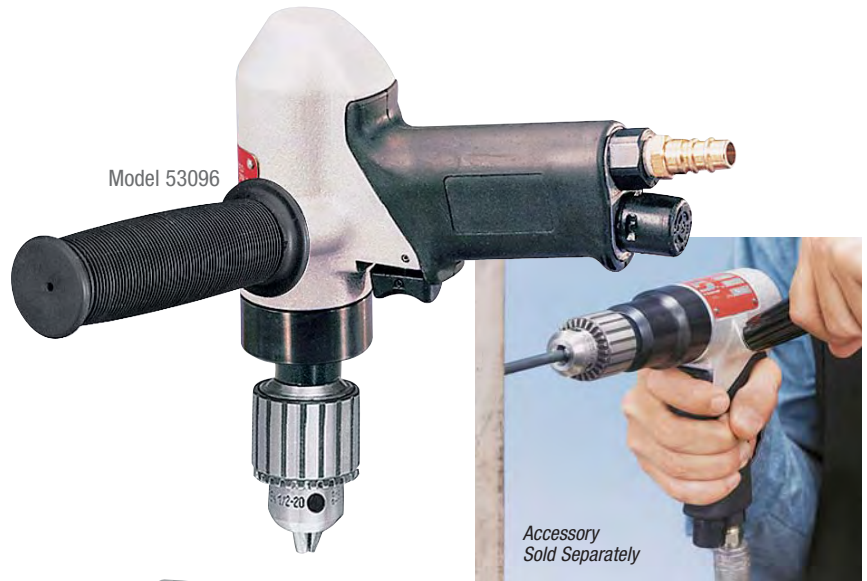
- Each model includes 3/8" drill chuck and key.
- High-torque air motor; slow-speed startup trigger.
- Rubber insulated grip and removable side handle.



**Model 53091 950 RPM**

**Model 53060 3,400 RPM**

**Model 53095 4,500 RPM**

**Model 53096 20,000 RPM**



 Dynaswivel® air line connector is ideal for use with most air tools. The Dynaswivel® improves tool maneuverability, minimizes operator fatigue and extends hose life. (See page 163.) 


**7° Offset .4 hp, Rear Exhaust, Self-Generated Vacuum**

- Each model includes 3/8" drill chuck and key.
- Self-generated vacuum tool includes 50682 exhaust hose (6' long) and 50683 reusable cloth bag. As tool is run, dust and debris are diverted through hose and into bag.
- Vacuum shroud retracts to allow full view of work surface.
- Convenient trigger mechanism allows easy one-hand operation of drill.
- Ideal for rivet work, aluminum and aviation applications.

**Model 53200 3,200 RPM**

**Model 53210 5,000 RPM**



 Motor Tune-Up Kits will extend the life of an air tool when used as part of a preventative maintenance schedule. (See page 192.)

Includes 50683 Cloth Bag and 50682 hose (1" dia., 6' long)

Trigger mechanism allows one-hand operation of drill.

Model Number	Motor hp (W)	Motor RPM	Sound Level	Maximum Air Flow SCFM (LPM)	Hose I.D. Size Inch (mm)	Air Inlet Thread	Spindle Thread	Weight Pound (kg)	Length Inch (mm)	Height Inch (mm)
53060	.7 (522)	3,400	84 dB(A)	33 (935)	3/8 (10)	1/4" NPT	1/2"-20 Male	3.2 (1.4)	8-7/8 (224)	6-3/8 (163)
53091	.7 (522)	950	82 dB(A)	33 (935)	3/8 (10)	1/4" NPT	1/2"-20 Male	3.9 (1.8)	10-1/2 (267)	6-3/8 (163)
53095	.7 (522)	4,500	85 dB(A)	33 (935)	3/8 (10)	1/4" NPT	1/2"-20 Male	3.2 (1.4)	8-7/8 (224)	6-3/8 (163)
53096	.7 (522)	20,000	88 dB(A)	33 (935)	3/8 (10)	1/4" NPT	3/8"-24 Male	2.4 (1.1)	7 (180)	6-3/8 (163)
53200	.4 (298)	3,200	86 dB(A)	24 (680)	1/4 (6)	1/4" NPT	3/8"-24 Male	3.2 (1.45)	10-1/2 (267)	10 (254)
53210	.4 (298)	5,000	86 dB(A)	24 (680)	1/4 (6)	1/4" NPT	3/8"-24 Male	3.2 (1.45)	10-1/2 (267)	10 (254)

**Tune-Up Kits:** 53060, 53091, 53095, 53096: **No. 96047**; 53200, 53210: **No. 96174** (page 192) • Additional Specifications: Air Pressure 90 PSIG (6.2 Bar)





# Drills

## Air-Powered Drills, 1/2" Chuck

ABRASIVE  
CAPACITY

DRILL BITS  
& ACCESSORIES  
1/2" (13 mm) dia. maximum

Industrial-Quality Drills in a Variety of Configurations

### 7° Offset, .7 hp, Rear Exhaust

- Each model includes 1/2" drill chuck and key.
- Also includes removable side handle and safety-lock lever.

**Model 53080 3,400 RPM**

**Model 53081 4,500 RPM**



For best tool performance, use optional 95676 Coupler/Plug Assembly (see page 161).



Model 53080

### Pistol Grip, .7 hp, Rear Exhaust

**Model 53090 950 RPM**

- Includes 1/2" drill chuck and key.
- High-torque air motor; slow-speed startup trigger.
- Rubber insulated grip and removable side handle.



Model 53090

### Hole Saw Model Right Angle, 1 hp, Rear Exhaust

**Model 53143 850 RPM**

- Includes 1/2" drill chuck and key.
- High torque, governor-controlled air motor.
- Ideal for running optional diamond hole saws, to efficiently punch out holes in dashboard templates, and to create other openings.
- Side handle is reversible for left or right hand use.
- Safety-lock lever is included.



Model 53143

Accessory  
Sold Separately

Model Number	Motor hp (W)	Motor RPM	Sound Level	Maximum Air Flow SCFM (LPM)	Hose I.D. Size Inch (mm)	Air Inlet Thread	Spindle Thread	Weight Pound (kg)	Length Inch (mm)	Height Inch (mm)
53080	.7 (522)	3,400	82 dB(A)	46 (1,303)	3/8 (10)	1/4" NPT	1/2"-20 Male	4.9 (2.2)	10-3/4 (274)	7-3/4 (196)
53081	.7 (522)	4,500	82 dB(A)	46 (1,303)	3/8 (10)	1/4" NPT	1/2"-20 Male	4.9 (2.2)	10-3/4 (274)	7-3/4 (196)
53090	.7 (522)	950	84 dB(A)	33 (935)	3/8 (10)	1/4" NPT	1/2"-20 Male	4.8 (2.1)	10-1/2 (267)	6-3/8 (163)
53143	1 (744)	850	83 dB(A)	35 (991)	3/8 (10)	3/8" NPT	1/4"-20 Male	5.5 (2.5)	13-1/8 (333)	5-1/8 (130)

Tune-Up Kits: 53080, 53081 - No. 96234; 53090 - No. 96047; 53143 - No. 96532 (page 192) • Additional Specifications: Air Pressure 90 PSIG (6.2 Bar)



# Stockade Filer

## Air-Powered Reciprocating Filer

**ABRASIVE CAPACITY**  
**FILES**  
 1/4" (6 mm) dia. shank

Ideal for Countless Filing Applications

### Straight Line, .4 hp, Rear Exhaust

- Each model has 1/4" round file holder opening for accepting optional files with 1/4" diameter shank (see below).
- Tool includes safety-lock lever.
- Also includes built-in air flow regulator.

### Model 12200 3,400 Strokes/Minute

### Model 12201 3,400 Strokes/Minute

- Comes with 12197 File Adapter, for mounting Dynabrade files 6" in length.



12197

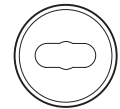


File Sold Separately



Model 12200

Model 12200



Round File Holder Opening:  
 6.3 mm center dia. x 13 mm width  
 (approx. 1/4" x 1/2")

### Stockade Filer Kit

#### Model 12202

- Kit includes 12201 Stockade Filer (with 12197 File Adapter), three files (90980, 90982, 90984) and 90977 Grit-File Abrasive Kit (see below).



12202 Kit

12201

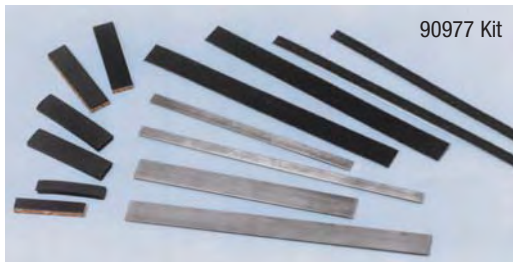
12197

90980

90982

90984

### 90977 Grit-File Abrasive Kit



90977 Kit

- 40 abrasive strips (1/4" and 1/2" wide) which mount to spring-steel extenders, to reach areas as small as 1/8".
- 80 and 180 grit strips are included, with 4-1/2" and 6" long extenders.
- Sponge-base and cork-base Dynapad® platens, which mount to extenders to support abrasive strips.

### Dynabrade Files (6" Length) • Sold Separately

Part Number	Name	Shape	Shank	Cut
90980	Pillar		5/32" (4 mm) x 7/16" (11 mm)	"00" Very Coarse
90981	Half Round		5/32" (4 mm) x 7/16" (11 mm)	"00" Very Coarse
90982	Round		1/4" (6 mm) Dia.	"00" Very Coarse
90983	Triangular		5/32 (4 mm) x 1/2"	"00" Very Coarse
90984	Square		1/4" (6 mm) Dia.	"00" Very Coarse
90985	Pillar		5/32" (4 mm) x 7/16" (11 mm)	"0" Coarse
90986	Half Round		5/32" (4 mm) x 7/16" (11 mm)	"0" Coarse
90988	Triangular		5/32" (4 mm) x 1/2" (10 mm)	"0" Coarse
90989	Square		1/4" (6 mm) Dia.	"0" Coarse
90905	Foundry		1/4" (6 mm) Dia. to 1/8" (3 mm) Tapered	"00" Very Coarse

Model Number	Motor HP (W)	Sound Level	Maximum Air Flow SCFM (LPM)	Stroke Inch (mm)	Strokes per Minute	Hose I.D. Size Inch (mm)	Air Inlet Thread	Weight Pound (kg)	Length Inch (mm)	Height Inch (mm)
12200	.4 (298)	89 dB(A)	21 (595)	13/32 (10)	2,400	3/8 (10)	1/4" NPT	2.4 (1.1)	10- (254)	1-1/2 (38)
12201	.4 (298)	89 dB(A)	21 (595)	13/32 (10)	2,400	3/8 (10)	1/4" NPT	2.4 (1.1)	10- (254)	1-1/2 (38)

Tune Up Kit: No. 96261 (page 192) • Additional Specifications: Air Pressure 90 PSIG (6.2 Bar)



**FASTTRACK**



# Stockade Sander and Saw

## Air-Powered Reciprocating Sander and Saw

**ABRASIVE CAPACITY**  
**ABRASIVE STRIPS, SAW BLADES**  
 See below

Ideal for Countless Sanding and Sawing Applications

### Model 12204 Stockade Sander

- Has 5" long x 1/2" wide spring-steel extender which accepts stick-on coated abrasive strips (sold separately).
- 80 and 180 grit abrasive strips are included.
- Three platen pads are included, which may be mounted to the extender as a backing for the abrasive strip.
- Safety-lock lever is standard; rear exhaust.



### Model 12205 Stockade Saw

- Tool includes 12212 Saw Holder Adapter, 12183 Saw Guide, 90935 General Purpose Saw Blade.
- Built-in air flow regulator.
- Countless applications on wood, metal, composites, fiberglass and more.
- Safety-lock lever is standard; rear exhaust.



### Model 12206 Stockade Saw Kit

- 12205 Stockade Saw (above) and 90933 Saw Blade Pack, which includes one of each blade shown at right (six total).
- Saw Blades have a variety of uses on metal, fiberglass, wood and more.



### Dynabrade Saw Blades • Sold Separately

Part Number	Blade Type	Description	Shape
90934	Metal/Fiberglass Cutting	Silver • Long Life • Bi-Metal	
90935	Metal Cutting	White • Long Life • Bi-Metal	
90936	Metal Cutting	White • Long Life • Bi-Metal	
90937	Metal Cutting	White • Long Life • Bi-Metal	
90938	Metal Scroll Heavy Duty	White • Long Life • Bi-Metal	
90939	Wood Cutting/Stiff Back	White • Bi-Metal	

### Model 12207 Stockade Filer/Saw Kit

- 12205 Stockade Saw (see above).
- Three adapters: 12197 for Dynabrade 6" long files; 12211 for foundry file; 12212 for saw blades.
- 12183 Saw Guard Assembly (must be used with saw blades).
- Two 6" long files (90980 Pillar; 90983 Triangular).
- One 5-1/2" long foundry file (90905).
- Two saw blades (90934, 90935).



Model Number	Motor HP (W)	Sound Level	Maximum Air Flow SCFM (LPM)	Hose I.D. Size Inch (mm)	Air Inlet Thread	Strokes Inch (mm)	Strokes per Minute	Weight Pound (kg)	Length Inch (mm)	Height Inch (mm)
12204	.4 (298)	89 dB(A)	21 (595)	1/4 (6)	1/4" NPT	13/32 (10)	2,400	2.4 (1.1)	10 (254)	1-1/2 (38)
12205	.4 (298)	89 dB(A)	21 (595)	3/8 (10)	1/4" NPT	13/32 (10)	2,400	2.4 (1.1)	10 (254)	1-1/2 (38)

Tune-Up Kit: No. 96261 (page 192) • Additional Specifications: Air Pressure 90 PSIG (6.2 Bar)



# Dynadie® III

## Air-Powered Reciprocating Filer

**ABRASIVE CAPACITY**  
**SHANKED FILES**  
 1/8" (3 mm) and 1/4" (6 mm) diameters

Reciprocating Filer for Precise Filing and Finishing

### Model 12250 Variable-Length Stroke

- Accepts 1/4" dia. or 1/8" diameter shanked files. Files sold separately.
- Replaces tedious hand filing. Easily enters narrow slots.
- Use on metal, wood, plastic, fiberglass, etc.
- Variable-length stroke from 0-1/4". Tool runs at 5,000 strokes per minute.
- Barrel indexes 360° for ideal comfort.
- Tool includes 94407 Flow-Control Dynaswivel® (not shown).



Model Number	Motor hp (W)	Sound Level	Air Flow Rate SCFM (LPM)	Stroke Inch (mm)	Strokes Per Minute	Hose I.D. Size Inch (mm)	Air Inlet Thread	Weight Pound (kg)	Length Inch (mm)	Height Inch (mm)
12250	.2 (142)	77 dB(A)	18 (509)	0 - 1/4 (6)	5,000	3/8 (10)	1/4" NPT	1.8 (.82)	6-5/8 (170)	4-1/8 (106)

Tune-Up Kit: No. 96533 (page 192) • Additional Specifications: Air Pressure 90 PSIG (6.2 Bar)

### Files • 6" Length; 1/4" Dia. Shank

Part Number	Name	Shape	Shank	Cut
90982	Round	●	1/4" (6 mm) Dia.	"00" Very Coarse
90984	Square	■	1/4" (6 mm) Dia.	"00" Very Coarse
90989	Square	■	1/4" (6 mm) Dia.	"0" Coarse

### Swiss Pattern Files • 3-1/2" - 4" Lengths; 1/8" Dia. Shank

File/Cut	Equaling	Three Square	Half Square	Round	Crochet	Round
Straight File Medium Cut 1	90900	90910	90920	90930	90940	90950
Curved File Fine Cut 2	90901	90911	90921	90931	90941	90951

# Router

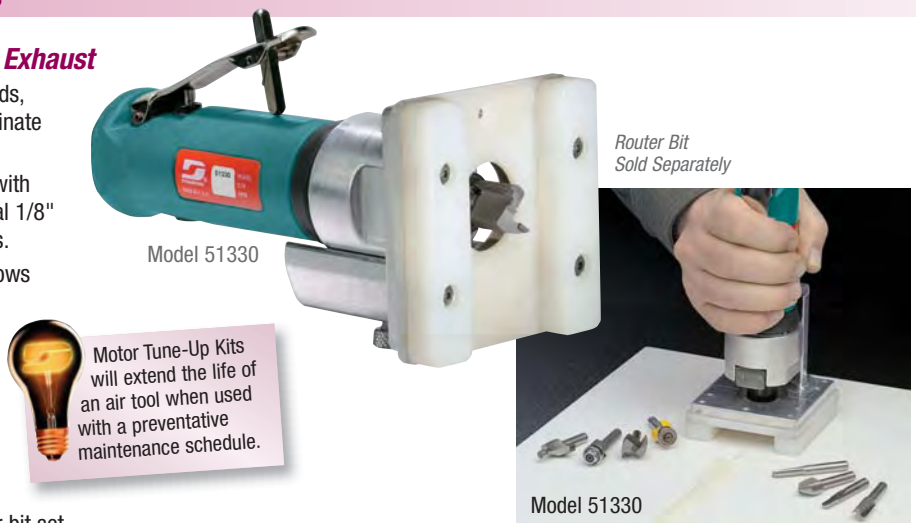
## Air-Powered Routing Tool

**ABRASIVE CAPACITY**  
**ROUTER BITS**  
 1/8" (3 mm) and 1/4" (6 mm) diameter shanks

Ideal for Countless Routing Applications

### Model 51330 20,000 RPM, .7 hp, Front Exhaust

- Ideal for chamfers and roundover cuts on hardwoods, softwoods, solid surfaces or plastics. Great for laminate trimming, surface planing, beveling and cornering.
- Tool accepts optional high-speed steel router bits with 1/4" diameter shank capacity. Also accepts optional 1/8" collet insert, for mounting 1/8" diameter router bits.
- Lightweight, non-marring composite fixed base allows for 90° cuts. Base offers easy height adjustment.
- Safety-lock lever is standard.
- Front exhaust directs chips away from cutter.
- Spindle lock allows one-wrench cutter changing.
- Includes guide rails, ideal for use on glue seams.



### Model 51331 Router Kit

- Includes 51330 Router with 93388 six-piece router bit set.

Model Number	Motor hp (W)	Motor RPM	Sound Level	Maximum Air Flow SCFM (LPM)	Hose I.D. Size Inch (mm)	Air Inlet Thread	Spindle Thread	Weight Pound (kg)	Base Size Inch (mm)	Height Inch (mm)
51330	.7 (522)	20,000	85 dB(A)	34 (963)	3/8 (10)	1/4" NPT	3/8"-24 Male	2.5 (1.1)	3-1/4 (83) x 3-1/2 (89)	8-1/4 (210)

Tune-Up Kit: 96529 (page 192) • Additional Specifications: Air Pressure 90 PSIG (6.2 Bar) • Collet Depth 1-5/8" (41 mm) • Max. Cutter Dia. 1-1/8" (29 mm)





# Dynascalers

## Air-Powered Descaling and Surface Preparation Tool

ABRASIVE  
CAPACITY

3M ROTO PEEN®  
"Bonded Shot"  
Flap Assemblies

### For Heavy-Duty Industrial, Marine, Construction Applications

- All models use optional 3M Roto Peen® "bonded shot" flap assemblies.
- Ideal for removing rust, oxide, scale, old paint and tough coatings from most surfaces.

#### Hand-Held Models

- Steel dowel pin (keepers) system allows easy flap loading and unloading.
- Four-position top handle adjusts for operator comfort.

#### Model 30304 *Straight Line*

- For 2" wide work on inside of pipe.
- Six-slot hub (2-1/4" wide) accepts optional 3M Roto Peen®. Adjustable for exact positioning of Roto Peen® to surface.

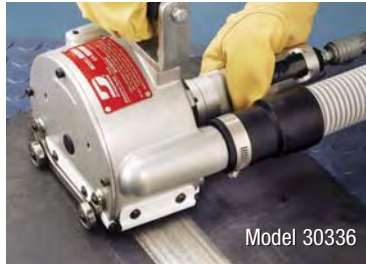
#### Model 30336 *Straight Line*

#### Model 30337 *Right Angle*

- Each model is for 2" wide work on flat surfaces.
- Ideal for removal of floor paint/coatings and for scarifying concrete.
- Vacuum port accepts 1-1/2" diameter cuff.



Model 30304



Model 30336

Model 30200



#### Over-Under Model

#### Model 30200 *1" Wide Top and Bottom*

- Mechanically fractures scale and coatings, with negligible removal of base metal.
- "Over-under" simultaneous removal of scale, from top and bottom of girder webplates prior to welding.
- Top and bottom unit each use optional 1" wide 3M Roto Peen® "bonded shot" flap assemblies. Top unit easily detaches to permit portable "touch up" descaling.

#### Floor Models

#### Model 30303 *2" Wide*

#### Model 31600 *3" Wide*

- Each model has 20-slot hub for optional 3M Roto Peen®.
- Adjustable edge guide assures straight-line descaling. (Not recommended for use without edge guide.)



Model 30303

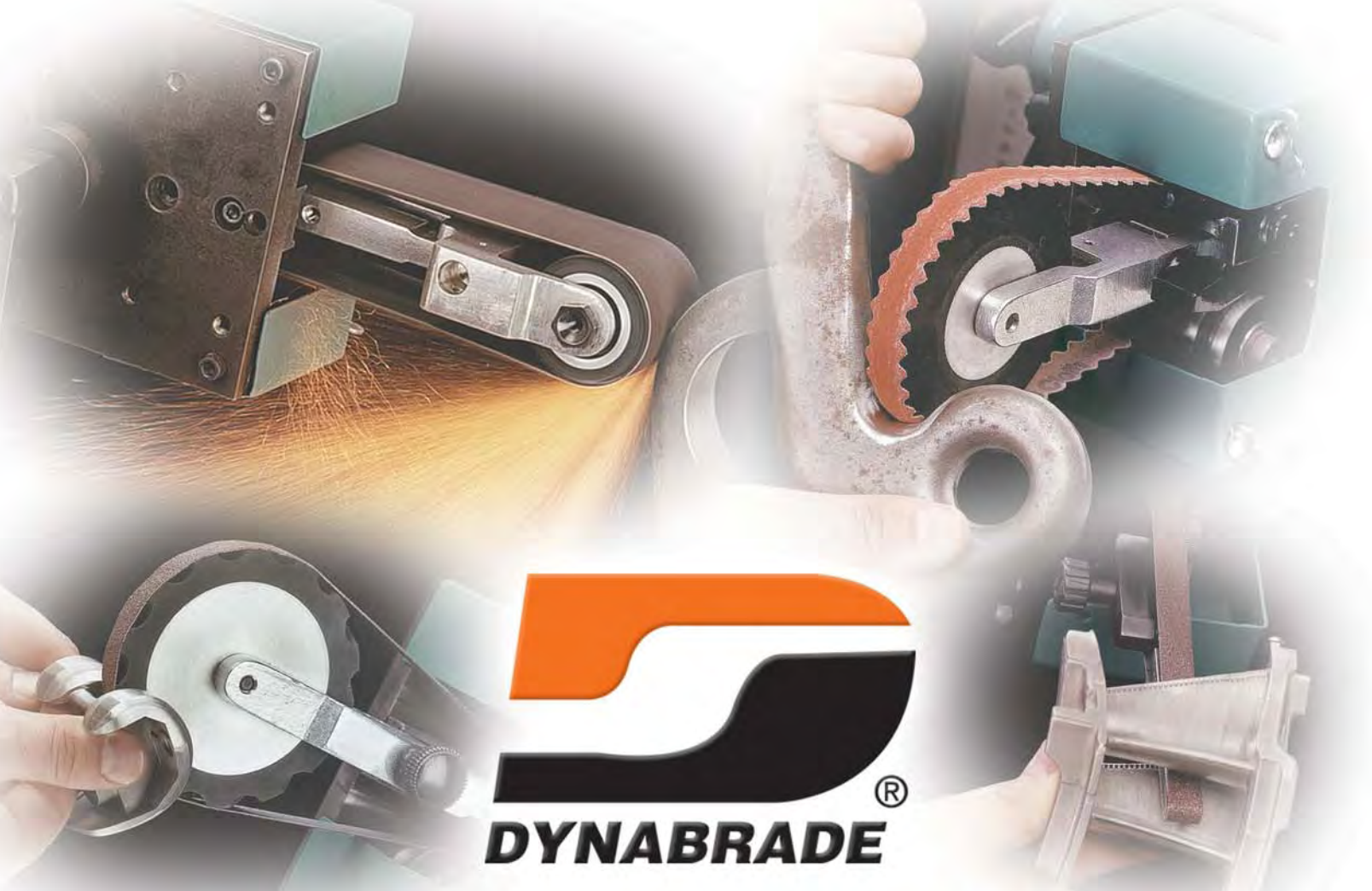
Roto-Peen®  
Sold Separately

Roto-Peen is registered trademark of 3M Company.

Model Number	Motor hp (W)	Motor RPM	Sound Level	Maximum Air Flow SCFM (LPM)	Hose I.D. Size Inch (mm)	Air Inlet Thread	Spindle Thread	Weight Pound (kg)	Length Inch (mm)	Height Inch (mm)
30303	1.7 (1,268)	1,650	94 dB(A)	78 (2,209)	1/2 (13)	3/8" NPT	—	44.2 (20)	8-3/4 (222)	11 (279)
31600	.4 (2,983)	1,650	94 dB(A)	127 (3,597)	1/2 (13)	3/8" NPT	—	54 (24.5)	8-3/4 (222)	11 (279)
30200	.7 (522)	2,100	94 dB(A)	38 (1,076)	1/2 (13)	3/8" NPT	—	33.2 (15)	14 (355)	10-3/4 (273)
30304	.7 (522)	2,400	94 dB(A)	38 (1,076)	1/2 (13)	3/8" NPT	1/2"-20 Male	6.2 (2.8)	11-3/4 (298)	8-1/4 (210)
30336	.7 (522)	2,400	94 dB(A)	38 (1,076)	1/2 (13)	3/8" NPT	1/2"-20 Male	6.5 (2.9)	11-3/4 (298)	8-1/4 (210)
30337	.7 (522)	1,950	94 dB(A)	38 (1,076)	1/2 (13)	3/8" NPT	1/2"-20 Male	6.5 (2.9)	11-3/4 (298)	8-1/4 (210)

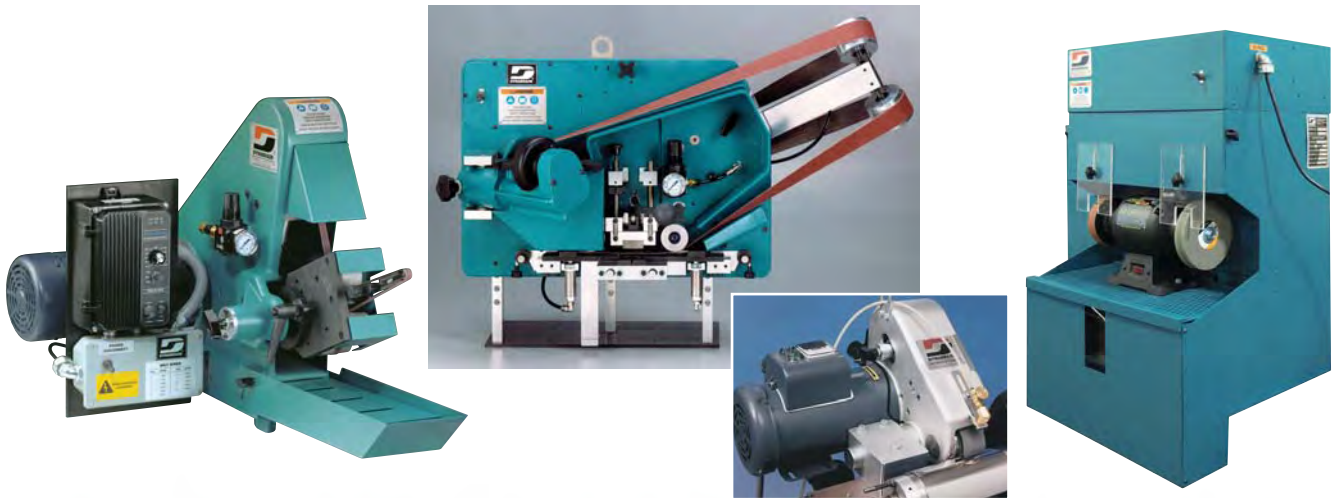
Additional Specifications: Air Pressure 90 PSIG (6.2 Bar)





# *Stationary Machines*

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***Continued Leadership In Portable Abrasive Power Tool Technology***

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# Versatility Grinder

## Electric Abrasive Belt Machine

**ABRASIVE  
CAPACITY**
**ABRASIVE BELTS**

 1/4-2" wide x 72" long  
 (6 mm - 51 mm x 1,829 mm)

### Ideal for an Extensive Variety of Finishing Applications

- Versatility Grinder powers 72" abrasive belts in widths from 1/4" to 2", to provide a wide variety of finishing solutions.
- Ideal for use on castings and forgings, turbine blades, medical implants, investment castings and more.
- Sleek, compact design for easy space-saving set up.
- Combines linear tracking adjustment with conventional pivot tracking, for optimum belt tracking control.
- Adjustable air belt tensioning; pivoting arm assembly.
- Includes efficient through-housing vacuum port (see page 141 for optional Vacuum Scoop Assembly).

### Variable Speed Models

- Design allows change of belt direction from forward to reverse.

**Model 64900** 600 - 4,000 SFPM, 115 V (AC)

**Model 64901** 600 - 4,000 SFPM, 230 V (AC)

**Model 64902** 2,000 - 8,000 SFPM, 230 V (AC)

**Model 64903** 2,000 - 8,000 SFPM, 460 V (AC)

### Fixed Speed Models

**Model 64904** 5,400 SFPM, 115 V (AC)

**Model 64905** 5,400 SFPM, 230 V (AC)



**115 V (AC)**

### Variable Speed Model

- Design allows change of belt direction from forward to reverse.

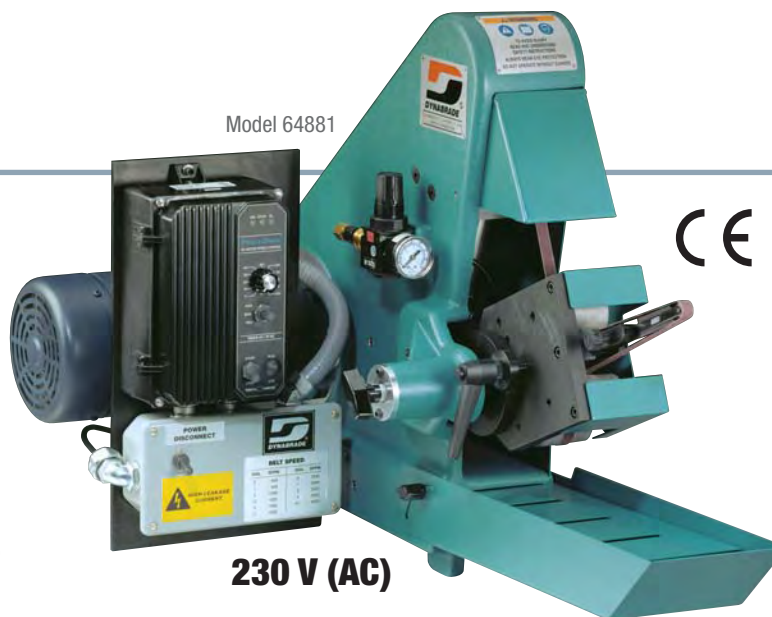
**Model 64881** 600 - 4,000 SFPM, 230 V (AC)

- This model carries the CE (European Conformity) mark, signifying that it complies with all essential requirements of relevant European health, safety and environmental protection legislation.

- Shown with optional Vacuum Scoop Assembly (see page 141).



"Pivot mount" assembly allows operator to adjust Contact Arm to any angle for peak efficiency.



**230 V (AC)**

Model Number	Motor hp (W)	Abrasive Belt Size Inch (mm)	Max. SFPM (SMPM)	Voltage	Phase	Frequency	Weight Pound (kg)	Length Inch (mm)	Height Inch (mm)
64881	1 (744)	1/4-2 (6-51) x 72 (1,829)	600-4,000 (183-1,219)	230	1	50 Hz	120 (55)	33 (838)	22 (559)
64900	1 (744)	1/4-2 (6-51) x 72 (1,829)	600-4,000 (183-1,219)	115	1	50/60 Hz	120 (55)	33 (838)	22 (559)
64901	1 (744)	1/4-2 (6-51) x 72 (1,829)	600-4,000 (183-1,219)	230	1	50/60 Hz	120 (55)	33 (838)	22 (559)
64902	3 (2,232)	1/4-2 (6-51) x 72 (1,829)	2,000-8,000 (510-2,440)	230	3	50/60 Hz	120 (55)	33 (838)	22 (559)
64903	3 (2,232)	1/4-2 (6-51) x 72 (1,829)	2,000-8,000 (510-2,440)	460	3	50/60 Hz	120 (55)	33 (838)	22 (559)
64904	1.5 (1,116)	1/4-2 (6-51) x 72 (1,829)	5,400 (1,647)	115	1	50/60 Hz	120 (55)	33 (838)	22 (559)
64905	1.5 (1,116)	1/4-2 (6-51) x 72 (1,829)	5,400 (1,647)	230	1	50/60 Hz	120 (55)	33 (838)	22 (559)

# Versatility Grinder

## Electric Abrasive Belt Machine

**ABRASIVE CAPACITY**  
**ABRASIVE BELTS**  
 2" wide x 72" long  
 (51 mm x 1,829 mm)

Ideal for an Extensive Variety of Finishing Applications

### "Slack Action," Variable Speed Model

- Machine offers simplified design that eliminates belt tension rollers to reduce maintenance costs.
- Design also allows greater use of abrasive belt slack areas. Operator has flexibility to finish workpiece on belt slack in a variety of positions, for optimum efficiency.
- Grind on Contact Wheel for fast material removal, then polish with slack of belt.
- Ideal for use on castings and forgings, turbine blades, medical implants, golf club parts, piping, investment castings and more.
- Linear belt tracking adjustment works with conventional tracking system for superior abrasive belt control.
- Heavy-duty 2" x 2" Contact Arm (67215) included.

#### Model 64860

600 - 4,000 SFPM, 115 V (AC), 1 hp

#### Model 64861

600 - 4,000 SFPM, 230 V (AC), 1 hp

#### Model 64862

2,000 - 8,000 SFPM, 230 V (AC), 3 hp

#### Model 64863

2,000 - 8,000 SFPM, 460 V (AC), 3 hp



115 V (AC)

Model Number	Motor hp (W)	Abrasive Belt Size Inch (mm)	Max. SFPM (SMPM)	Voltage	Phase	Frequency	Weight Pound (kg)	Length Inch (mm)	Height Inch (mm)
64860	1 (744)	2 (51) x 72 (1,829)	600-4,000 (183-1,219)	115	1	50/60 Hz	120 (55)	33 (838)	22 (559)
64861	1 (744)	2 (51) x 72 (1,829)	600-4,000 (183-1,219)	230	1	50/60 Hz	120 (55)	33 (838)	22 (559)
64862	3 (2,237)	2 (51) x 72 (1,829)	2,000-8,000 (610-2,438)	230	3	50/60 Hz	120 (55)	33 (838)	22 (559)
64863	3 (2,237)	2 (51) x 72 (1,829)	2,000-8,000 (610-2,438)	460	3	50/60 Hz	120 (55)	33 (838)	22 (559)

# Versatility Grinder Accessories

### 1 hp Electric Motor Variable Speed

#### 64870

- 1 hp (746 W), 115 Volt, 1 Phase, 50/60 Hz



#### 64871

- 1 hp (746 W), 230 Volt, 1 Phase, 50/60 Hz

### 1.5 HP Electric Motor Fixed Speed

#### 64872

- 1.5 hp (1,119 W), 115 Volt, 1 Phase, 50/60 Hz



#### 64873

- 1.5 hp (1,119 W), 230 Volt, 1 Phase, 50/60 Hz

### 3 hp Electric Motor Variable Speed

#### 64874

- 3 hp (2,237 W), 230 Volt, 3 Phase, 50/60 Hz



#### 64875

- 3 hp (2,237 W), 460 Volt, 3 Phase, 50/60 Hz

### Vacuum Scoop Assembly

#### 64932

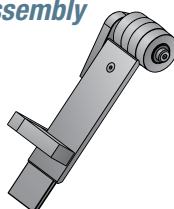
- Attaches to "thru-housing" vacuum port, for efficient collection of sanding debris.



### Platen Assembly

#### 64962

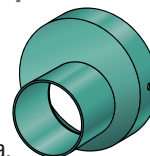
- Ideal for platen grinding.



### Vacuum Adapter

#### 64923

- For connection to 2-1/2" (63mm) dia. vacuum hose.



### Pedestal Assembly

#### 64895

- For easy positioning of machine. Frees up additional work space.





# Versatility Grinder Contact Arms


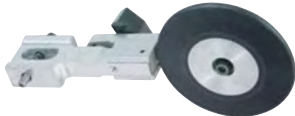

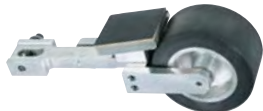








Part Number	Comments	Belt Size	Contact Wheel Assembly (includes bearing and shaft)	Platen Pad
11200	  <ul style="list-style-type: none"> <li>• Work on broad areas</li> <li>• Leave in-line scratch</li> <li>• Blend spot welds</li> </ul>	1/2" x 72"	11088 5/8" dia. x 3/8" wide, rubber	11025 1/2" wide
11201	  <ul style="list-style-type: none"> <li>• Enter channels as small as 7/16"</li> </ul>	1/2" x 72"	11068 5/16" dia. x 3/8" wide, steel	11027 1/2" wide
11202	  <ul style="list-style-type: none"> <li>• Enter 5/16" x 3/4" openings</li> </ul>	1/4" x 72"	11074 5/8" dia. x 1/8" wide, rubber	11032 1/4" wide
11203	  <ul style="list-style-type: none"> <li>• Grind over contact wheel or platen</li> <li>• Order 11312 for heavy-duty, or 11325 for steel platen version</li> </ul>	1/2" x 72"	11078 5/8" dia. x 3/8" wide, rubber	11025 1/2" wide
11204	  <ul style="list-style-type: none"> <li>• Unique offset design</li> <li>• Strap polishing is easy with this arm</li> </ul>	1/8", 1/4", 5/16" or 1/2" x 72"	11080 1" dia. x 3/8" wide, radiused rubber	None
11206	  <ul style="list-style-type: none"> <li>• Order 11326 for heavy-duty steel construction version</li> </ul>	5/8" or 3/4" x 72"	11282 3/4" dia. x 5/8" wide, rubber	11109 3/4" wide
11220, 11300, 11301, 11341	  <ul style="list-style-type: none"> <li>• Offset design and miniature contact wheels</li> <li>• 2" strap polish in offset area; polish turbine blades and other contours</li> </ul>	11220: 5/8" or 3/4" x 72" All Others: 1/2" x 72"	11220: 11352 5/16" x 5/8" wide, steel  11300: 11332 1/4" x 3/8" wide, steel  11301: 11068 5/16" x 3/8" wide, steel  11341: 11342 5/16" x 3/8" wide, rubber	None  None  None
11280	  <ul style="list-style-type: none"> <li>• Grind corners, enter grooves, strap polish</li> <li>• "V" shape wheel</li> </ul>	1/8" or 1/4" x 72"	11086 1" dia. x 3/8" wide, urethane, tapered	None
11286	  <ul style="list-style-type: none"> <li>• 11024 Steel Platen available</li> <li>• 6-3/4" workable reach</li> </ul>	1/2" x 78"	11078 5/8" dia. x 3/8" wide	11025 1/2" wide
11287	  <ul style="list-style-type: none"> <li>• Grind on wheel or platen</li> <li>• 5-1/4" reach</li> </ul>	5/8" or 3/4" x 74-1/2"	11282 3/4" x 5/8" wide, rubber	11109 3/4" wide
11314	  <ul style="list-style-type: none"> <li>• File round openings as small as 7/16"</li> </ul>	1/4" x 72"	11066 5/16" dia. x 1/8" wide, steel	11034 1/4" wide
11320 Offset Arm	  <ul style="list-style-type: none"> <li>• For flat grinding using platen at or near corners and edges of large radius round</li> <li>• Contact wheel is offset to prevent gouging</li> </ul>	1/2" x 72"	5/8" dia. x 3/8" wide, rubber	11026 1/2" wide
11321	  <ul style="list-style-type: none"> <li>• Work on contact wheel or platen pad</li> </ul>	1/2" x 72"	11070 7/16" dia. x 3/8" wide, rubber	11025 1/2" wide
11322	  <ul style="list-style-type: none"> <li>• Guide-cut</li> <li>• Removes raised material within .020" or less without undercutting</li> </ul>	1/2" x 72" 60 to 80 grit	11090 5/8" dia. x 3/8" wide, rubber	None
11329	  <ul style="list-style-type: none"> <li>• Extra length arm</li> <li>• 17" workable reach</li> </ul>	1/2" x 98"	11078 5/8" dia. x 3/8" wide, rubber	11025 1/2" wide
11330	  <ul style="list-style-type: none"> <li>• Enter 1/2" x 1/2" openings</li> </ul>	1/4" x 72"	11072 7/16" dia. x 1/8" wide, brass	11034 1/4" wide
11337	  <ul style="list-style-type: none"> <li>• Enter channels as narrow as 9/16"</li> </ul>	1/2" x 72"	11076 7/16" dia. x 3/8" wide, steel	11027 1/2" wide

# Versatility Grinder Contact Arms

Part Number	Comments	Belt Size	Contact Wheel Assembly (includes bearing and shaft)	Platen Pad
11350 	<ul style="list-style-type: none"> <li>• 45 PSIG maximum</li> <li>• Excellent for cleaning oxide off electrical bus bars</li> <li>• Arm has a 12" workable reach</li> </ul>	3/4" x 88"	11352 5/16" dia. x 5/8" wide, steel	Optional 3/4" wide
11360 	<ul style="list-style-type: none"> <li>• Unique offset design</li> <li>• Grind over contact wheels or strap polish</li> </ul>	1/2" x 72"	11078 5/8" dia. x 3/8" wide, rubber	None
15321 	<ul style="list-style-type: none"> <li>• For flat grinding using platen pad</li> </ul>	1" x 72"	15320 3/4" dia. x 7/8" wide	15323 1" wide
15326 	<ul style="list-style-type: none"> <li>• Allows for longer reach</li> <li>• Grind using platen pad</li> </ul>	1" x 78"	15320 3/4" dia. x 7/8" wide	15323 1" wide
15375 	<ul style="list-style-type: none"> <li>• Great for strap polishing</li> </ul>	1" x 78"	15348 70 durometer 2" dia. x 1" wide, rubber	None
65133 	<ul style="list-style-type: none"> <li>• Wide width for tight radius finishing</li> </ul>	1" x 72"	65135 70 durometer, flat 5/8" dia. x 1" wide, urethane	None
65182 	<ul style="list-style-type: none"> <li>• 3/8" (10 mm) wide radius wheel for blending</li> </ul>	1/4" to 1/2" x 72"	11080 70 durometer, radiused 1" dia. x 3/8" wide, urethane	None
67058 	<ul style="list-style-type: none"> <li>• Offset design for strap finishing</li> </ul>	1/2" x 72"	11070 70 durometer 7/16" dia. x 1/2" wide, rubber	None
67200, 67201, 67202, 67203 	<ul style="list-style-type: none"> <li>• Excellent for finishing shoulder areas as well as contact wheel grinding</li> </ul>	67200 1" x 72"	11650 70 durometer, serrated 2" dia. x 1" wide, urethane	None
		67201 3/4" x 72"	67045 70 durometer, serrated 2" dia. x 3/4" wide, urethane	None
		67202 5/8" x 72"	67044 70 durometer, serrated 2" dia. x 5/8" wide, urethane	None
		67203 1/2" x 72"	67043 70 durometer, serrated 2" dia. x 1/2" wide, urethane	None
67204 	<ul style="list-style-type: none"> <li>• Unique split wheel design allows operator to grind up against work area shoulders without arm interference</li> </ul>	1-1/2" x 72"	67181 70 durometer, serrated 2" dia., split wheel, urethane 2 Required	None
67205 	<ul style="list-style-type: none"> <li>• Unique split wheel design allows operator to grind up against work area shoulders without arm interference</li> </ul>	1-1/2" x 72"	67180 70 durometer 7/8" dia., split wheel, rubber 2 required	None
67206 	<ul style="list-style-type: none"> <li>• Using contact wheel, grind with 1-1/4" wide abrasives; 1-1/16" radius or greater</li> </ul>	1-1/4" x 72"	67101 70 durometer, serrated 2" dia. x 1-1/4" wide, urethane	None
67207 	<ul style="list-style-type: none"> <li>• Using contact wheel, finish using 1-1/4" wide abrasives; 1/2" radius or greater</li> </ul>	1-1/4" x 72"	67107 70 durometer 7/8" dia. x 1-1/4" wide, urethane	None
67208 	<ul style="list-style-type: none"> <li>• Soft durometer contact wheel with smooth face for fine finishing applications</li> </ul>	1-1/4" x 72"	67109 50 durometer, smooth 2" dia. x 1-1/4" wide, urethane	None
67209 	<ul style="list-style-type: none"> <li>• 70 durometer wheel provides a firm support for abrasive belt to allow base finishing of channel areas</li> </ul>	1/2" x 72"	67139 70 durometer, serrated 4" dia. x 1/2" wide, urethane	None










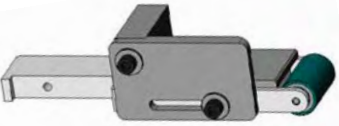
# Versatility Grinder Contact Arms

Part Number	Comments	Belt Size	Contact Wheel Assembly (includes bearing and shaft)	Platen Pad
67210 	<ul style="list-style-type: none"> <li>Polish contours without gouging workpiece</li> </ul>	5/8" to 1" x 72"	11642 40 durometer, serrated, scoop 4" dia. x 5/8" wide, rubber	None
67211 	<ul style="list-style-type: none"> <li>Blend fillet welds; excellent for tight radius work</li> </ul>	1/2" to 1" x 72"	11638 70 durometer, severe radius 4" dia. x 1/2" wide, rubber	None
67212 	<ul style="list-style-type: none"> <li>Use contact wheel or platen area for grinding and finishing</li> </ul>	1/2" x 72"	11078 70 durometer 5/8" dia. x 3/8" wide, rubber	11025* Soft/sponge platen
67213 	<ul style="list-style-type: none"> <li>Cutlery contact arm assembly incorporates a large diameter contact wheel and a raised platen assembly for complete finishing capabilities</li> </ul>	2" x 78"	67122 50 durometer, smooth 4" dia. x 2" wide, Rubber	11839 Hard/cork platen
67214 	<ul style="list-style-type: none"> <li>Grind and deburr using either the serrated contact wheel or platen assembly</li> </ul>	1" x 72"	11650 70 durometer, serrated 2" dia. x 1" wide, urethane	11605** Hard/cork platen
67215, 67216 	<ul style="list-style-type: none"> <li>Aggressive grinding applications</li> </ul>	67215 2" x 72"	11847: 70 durometer, serrated 2" dia. x 2" wide, urethane	None
		67216 1-1/2" x 72"	65363 70 durometer, serrated 2" dia. x 1-1/2" wide, urethane	None
67217 	<ul style="list-style-type: none"> <li>Using contact wheel, finish using 1-1/2" wide abrasives; 9/16" radius or greater</li> </ul>	1-1/2" x 72"	65378 70 durometer, flat 1" dia. x 1-1/2" wide, urethane	None
67218 	<ul style="list-style-type: none"> <li>Excellent for very fine finishing work; use when extreme conformability is necessary.</li> </ul>	1" x 72"	67068 4" dia. x 1/2" wide cotton cushion	None
67219 	<ul style="list-style-type: none"> <li>Material removal applications, castings, etc.</li> </ul>	2" x 72"	67116 2-3/4" dia. x 2" wide, rubber 90 durometer, serrated	None
67220, 67221, 67222, 67223 	<ul style="list-style-type: none"> <li>Turbine blade clusters</li> <li>Great for strap polishing in offset areas</li> </ul>	67220 1/2" x 72"	11332 1/4" dia. x 3/8" wide, steel	None
		67221 1/2" x 72"	11068 5/16" dia. x 3/8" wide, steel	None
		67222 3/4" x 72"	11352 5/16" dia. x 5/8" wide, steel	None
		67223 1/2" x 72"	11342 50 durometer 5/16" dia. x 3/8" wide, rubber	None
67224 	<ul style="list-style-type: none"> <li>Grind, blend and polish welds; strap polish using slack of belt.</li> </ul>	1" x 72"	11620 40 durometer, rubber 4" dia. x 1" wide, smooth	None
67226, 67227 	<ul style="list-style-type: none"> <li>Access tight areas</li> </ul>	67226 1/2" x 72"	11049 3/16" dia. x 3/8" wide, steel 3-1/8" reach, 3 required	None
		67227 1/2" x 78"	11049 3/16" dia. x 3/8" wide, steel 6-1/2" reach, 3 required	None

\* Also accepts 11026 Hard/Cork and 11027 Thin Platen

\*\* Also accepts 11604 Soft/Sponge Platen

# Versatility Grinder Contact Arms

Part Number	Comments	Belt Size	Contact Wheel Assembly (includes bearing and shaft)	Platen Pad
67230 	<ul style="list-style-type: none"> <li>Using contact wheel, finish using 1-1/4" wide abrasives; 1/2" radius or greater</li> </ul>	1-1/4" x 72"	67105 50 durometer 7/8" dia. x 1.2" wide, flat urethane	None
67239 	<ul style="list-style-type: none"> <li>Grind and polish implants</li> </ul>	1/4" x 72"	11072 7/16" x 1/8" crowned brass	None
67242 	<ul style="list-style-type: none"> <li>Excellent for finishing shoulder areas as well as contact wheel grinding</li> </ul>	1" x 72"	67284 40 durometer, serrated 2" dia. x 5/8" wide, rubber	None
67245 	<ul style="list-style-type: none"> <li>Turbine blade clusters</li> <li>Great for strap polishing in offset areas</li> </ul>	1/2" x 72"	11332 1/4" dia. x 3/8" wide, flat steel	None
67250 	<ul style="list-style-type: none"> <li>Polish and Grind with slack of belt (see page 146)</li> </ul>	1/2"-2" x 96"	Slack Arm	None
67251 	<ul style="list-style-type: none"> <li>Polish golf club heads</li> <li>Soft face excellent for polishing and blending</li> </ul>	2" x 82"	67285 6" x 1-1/2" wide, coated fabric	None
67264 	<ul style="list-style-type: none"> <li>Excellent for finishing shoulder areas as well as contact wheel grinding</li> </ul>	2" x 72"	67263 1-1/2" x 2" wide, flat rubber	None
67278 	<ul style="list-style-type: none"> <li>Work stop and guide keep grind perpendicular</li> <li>Tight radius finishing</li> </ul>	1" x 72"	65135 5/8" x 1" wide, flat urethane	None

# Contact Arm Extenders

## Versatility Grinder Contact Arm Extenders

- Allows use of longer abrasive belts! Versatility Grinder accepts standard 72" long abrasive belts. These extenders allow use of longer belts, as indicated.
- For use with only Versatility Grinder Contact Arms.

### 67270 Extender

- For 84" long belts

### 67271 Extender

- For 90" long belts

### 67272 Extender

- For 96" long belts

### 67273 Extender

- For 102" long belts



Model 67273



**Model 67250 Slack Arm Attachment**

- Optional 67250 Slack Arm Attachment mounts on standard Versatility Grinder (see page 140).
- Slack Arm Attachment allows operator to bring unique workpieces to belt slack for efficient final finishing.
- Design allows two-hand control of workpiece. Abrasive side of belt faces downward to easily contact curved surfaces (see photo).
- Ideal for curved piping.



67250 Slack Arm Attachment, Shown on Model 64900



Model 67250

**Model 64864 Conversion Kit**

- Converts standard Versatility Grinder to "Slack Action" model (see pages 140-141).
- Eliminates pulley design for less maintenance.



64864

# Air Tool Post Grinder

## Air-Powered Abrasive Belt Machine

ABRASIVE CAPACITY

### ABRASIVE BELTS

1-1/2" wide x 24" long  
(38 mm x 610 mm)

Mounts to Standard Lathes, for Applications from Grinding to Superfinishing

**Model 66402 For Belts 1-1/2" Wide x 24" Long**

- For use on metal, glass, stone, rubber, ceramic, carbide composites and other hard to grind materials.
- Mounts to standard lathes. Simple tool holder mounting. Holds close tolerances.
- Reduce surface finish on materials prior to a superfinishing process.
- In-line belt tracking prevents uneven belt stretching, as found on conventional belt tracking arrangements.
- Fingertip controls for both motor on/off and adjustable air-belt tensioning.
- Cutaway housing design allows working into workpiece shoulders from right to left.



Surface finishes of 2-3 RA are obtainable, using micron-grade abrasive belts.



Model 66402

Model Number	Motor hp (W)	Motor RPM	Sound Level	Abrasive Belt Size Inch (mm)	Maximum Air Flow CFM/SCFM (LPM)	Max. SFPM (SMPM)	Weight Pound (kg)	Length Inch (mm)	Height Inch (mm)
66402	1.86 (1,387)	7,200	84 dB(A)	1-1/2 (38) x 24 (610)	9/66 (1,869)	4,700 (1,428)*	19 (8.6)	15 (381)	10 (254)

Additional Specifications: Air Inlet Thread 3/8" NPT • Hose Size 1/2" (13 mm) • Air Pressure 90 PSIG (6.2 Bar)

\* At Maximum Load

# Electric Tool Post Grinder

## Electric Abrasive Belt Machine

**ABRASIVE CAPACITY**  
**ABRASIVE BELTS**  
 2" wide x 36" or 48" long  
 (51 mm x 914 mm, 1,219 mm)

Mounts to Standard Lathes, for Applications from Grinding to Superfinishing

### Models for Belts 2" Wide x 48" Long

- All models feature air-powered belt tensioning.
- Easily accessible belt tracking and tensioning adjustments.
- Coolant nozzle with adjustable flow valve.
- Easy to dress contact wheel.

### Fixed Speed Models for Faster Cutting

**Model 65750** 7,200 SFPM, 240 V (AC)

**Model 65751** 6,000 SFPM, 240 V (AC)

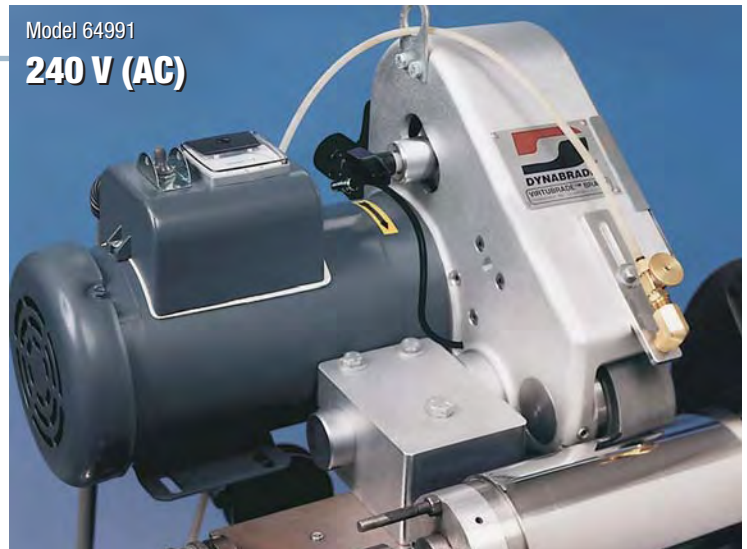
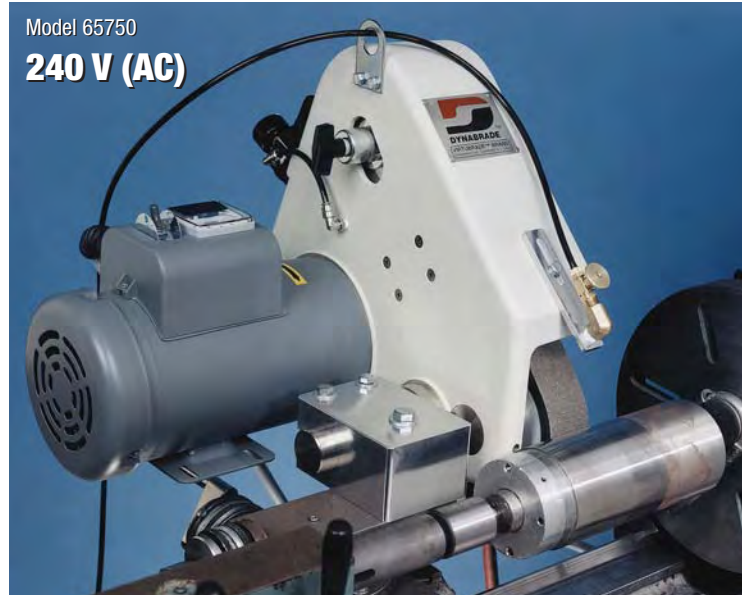
- Each model has water-tight on/off switch, and built-in ammeter for measuring motor load.
- 90 durometer, fixed 66619 Contact Wheel is standard.

### Variable Speed Models

**Model 65752** 2,500-10,500 SFPM, 220 V (AC)

**Model 65753** 2,500-10,500 SFPM, 440 V (AC)

- Each model includes variable speed rate motor. Digital display shows operating speed, with keypad adjustment to desired speed, even as the tool is in operation.
- Uses flexible diamond and other abrasive belts.
- 90 durometer, fixed 66640 Contact Wheel is standard.



### Models for Belts 2" Wide x 36" Long

- Each model includes 90 durometer, 65338 Contact Wheel (4" dia. x 2" wide, standard smooth face).
- Includes corrosion-resistant parts, coolant nozzle with adjustable flow valve and coolant drip pan.
- Water-tight on/off switch. Built-in ammeter measures load.
- Rigidly mounts to lathe compound for close tolerance work.

**Model 64991** 4,500 SFPM, 230 V (AC), 60 Hz

**Model 64993** 4,500 SFPM, 230 V (AC), 50 Hz

- Each model features air-powered belt tensioning.

**Model 65014** 4,500 SFPM, 230 V (AC), 60 Hz

**Model 65016** 4,500 SFPM, 230 V (AC), 50 Hz

- Each model features manual belt tensioning lever.

Model Number	Motor hp (W)	Motor RPM	Sound Level	Air Pressure PSIG (Bar)	Max. SFPM (SMPM)	Voltage	Phase	Frequency	Weight Pound (kg)	Length Inch (mm)	Height Inch (mm)
64991	2.0 (1,491)	3,450	81 dB(A)	90 (6.2)	4,500 (1,367)	230	1	60 Hz	89 (40)	16 (406)	13-1/2 (343)
64993	2.0 (1,491)	2,850	81 dB(A)	90 (6.2)	4,500 (1,367)	230	1	50 Hz	89 (40)	16 (406)	13-1/2 (343)
65014	2.0 (1,491)	3,450	81 dB(A)	—	4,500 (1,367)	230	1	60 Hz	89 (40)	16 (406)	13-1/2 (343)
65016	2.0 (1,491)	2,850	81 dB(A)	—	4,500 (1,367)	230	1	50 Hz	89 (40)	16 (406)	13-1/2 (343)
65750	3.0 (2,237)	3,450	81 dB(A)	90 (6.2)	7,200 (2,187)	240	1	60 Hz	108 (49)	19 (483)	18 (457)
65751	3.0 (2,237)	2,850	81 dB(A)	90 (6.2)	6,000 (1,823)	240	1	50 Hz	108 (49)	19 (483)	18 (457)
65752	3.0 (2,237)	—	81 dB(A)	90 (6.2)	2,500-10,500 (762-3,200)	220	3	50-60 Hz	108 (49)	19 (483)	18 (457)
65753	3.0 (2,237)	—	81 dB(A)	90 (6.2)	2,500-10,500 (762-3,200)	440	3	50-60 Hz	108 (49)	19 (483)	18 (457)

Additional Specifications: Air Inlet Thread 1/4" NPT





# Bandsaw Blade Grinder

## Electric Abrasive Belt Machine for Bandsaw Blades

**ABRASIVE  
CAPACITY**
**ABRASIVE BELTS**  
 1-1/2" wide x 104" long  
 (38 mm x 2,642 mm)

Efficiently Removes "Weld Slag" From All Areas of Saw Blades

Converters and distributors configure bandsaw blades to customer requirements from blade stock. Blades are butt-welded together, configuring them to their circular shape.

This process results in excess material called weld slag, which must be removed from three areas of the blade: (1) top and bottom, (2) back, and (3) between blade teeth.

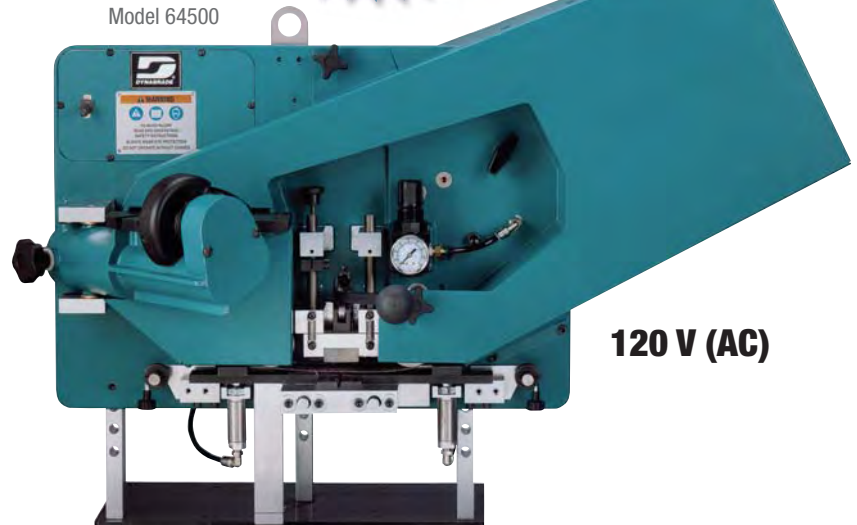
Dynabrade's **Bandsaw Blade Grinder** powers a large abrasive belt (1-1/2" wide x 104" long) through an efficient process for removing weld slag quickly and easily!

- **3-in-1 work station allows operator to remain in one position for entire process**
- **Design ensures consistent efficiency by minimizing operator variables**
- **Automatic depth-stop prevents overgrinding of blade**
- **Accepts bandsaw blades up to 1-1/2" wide**
- **Vacuum port included for easy connection to portable vacuum or central vacuum system**

### Model 64500 Bandsaw Blade Grinder

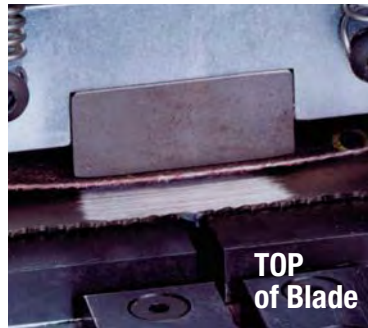
- **3-in-1 station** allows operator to remove weld slag from bandsaw blade top, bottom, back, and between blade teeth. This is all accomplished at ONE work station, maximizing operator efficiency!
- **Top and bottom** – Weld slag is removed by positioning it in the target weld removal area. Blade alignment plate assists operator to properly position area to be ground. Push-down lever is engaged, lowering the abrasive belt onto the blade. Weld is then removed from the blade in two sweeps (top and bottom).
- **Blade back grinder** – Abrasive disc removes slag from the back of the blade. Operator remains at single work station, optimizing efficiency.
- **Gullet grinder** – Cut-off wheel removes weld slag and excess from gullet (teeth).
- **Depth-stop adjustment** – Prevents the abrasive belt from over-grinding additional material from blade. Blade thickness is maintained, ensuring structural integrity and maximum blade life.
- **Efficient tracking adjustment** – Dynabrade's famous belt tracking technology allows grinding as close to blade teeth as possible.

**NEW!**

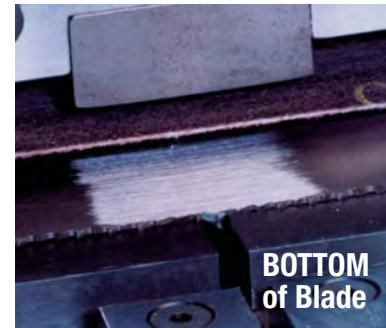


Model 64500

**120 V (AC)**

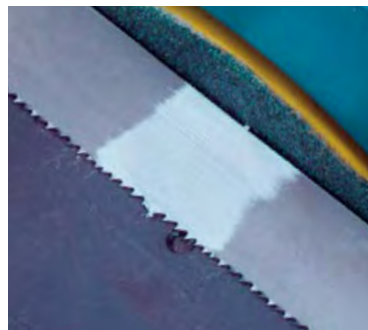


**TOP  
of Blade**



**BOTTOM  
of Blade**

*Weld slag is removed by engaging Push-Down Lever, which lowers abrasive belt onto blade.*



*Removing weld slag from back of blade.*



*Removing excess weld from gullet (teeth) with cut-off wheel.*

Model Number	Voltage	Phase	Frequency	Weight Pound (kg)	Width Inch (mm)	Depth Inch (mm)	Height Inch (mm)
64500	120 V(AC)	1	60 Hz	145 (65.8)	34-1/2 (876)	23 (584)	26 (660)



# Wet Deburring Station

**Entraps Particles in Air/Water Mixing Zone**



Helps Reduce Potential Flammability of Workplace

## Model 64100 120 V (AC), Tabletop Design

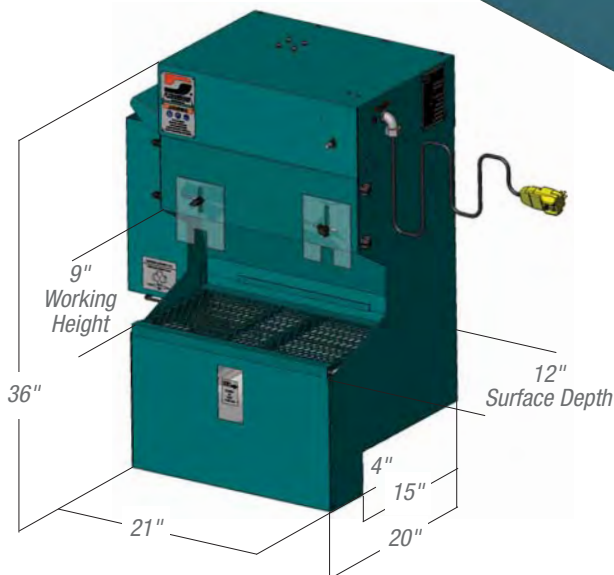
- Wet Deburring Station offers a wet filtration system to capture potentially combustible filings and dust in an air/water mixing zone. By entrapping these particles in water, the potential flammability of the workplace is reduced.
- Greatly decreases work area's potential flammability when deburring volatile materials.
- Unique tabletop design not offered by other manufacturers.
- Can be placed on cart for transportability to every work station.
- Dual grinding wheel capability.
- Electric motor is sold separately.
- Pulls combustible filings and dust through an air/water mixing zone. Also offers convenient disposal of slurry.
- Transparent wheel covers adjust vertically to compensate for wheel wear, and laterally for dual spindle motors of various widths.
- Grated work surface.
- Water level view port allows operator to set initial water level and monitor level for adjustment.
- Water reservoir and float valve automatically compensate for water evaporation during use.
- Internal compartments are accessed with no tools required.
- Hose drain port allows slurry to be conveniently drained with connection of standard garden hose.
- GFI protection.
- Built-in 120 V (AC) outlet for powering buffer/grinder.
- Corrosion-proof acrylic tank liner.
- Powder coat finish.
- No paper filters to replace.

Model 64100



Shown with Optional Motor, Sold Separately

**120 V (AC)**



Model Number	Voltage	Phase	Frequency	Weight Pound (kg)	Width Inch (mm)	Depth Inch (mm)	Height Inch (mm)
64100	120	1	60 Hz	110 (50)	21 (533)	20 (508)	36 (914)







# *Dust Collection Systems*

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***Continued Leadership In Portable Abrasive Power Tool Technology***

***[www.dynabrade.com](http://www.dynabrade.com)***

# Portable Vacuum Systems

Choose from Electric or Pneumatic Systems

Ideal for Use with Dynabrade Vacuum Air Tools

## Electric Portable Vacuum System

Connect and operate two tools simultaneously

### Models 61300-61311

- Choose from 9.9 (36 litres) or 17 gallon (64 litres) models. Dry vacuum only.
- Two-tool setup: two pneumatic outlets and two vacuum hose ports.
- Heavy duty stainless steel drum. Drum can be removed for special applications or locations.
- HEPA filtration (0.3 micron) with felt insert and paper bag.
- Variable vacuum control; Electronic thermal protection device prevents heat overload of motor.
- Disposable paper bag fits inside steel drum for convenient collection/disposal of debris. One disposable paper bag included with vacuum purchase. (Reorder part number 64682 for 9.9 gal. [36 L] vacuum; part number 80076 for 17 gal. [64 L] vacuum.)
- Max flow internal pneumatic workings.
- 7.5' (229 cm) water static lift/230 mbar vacuum.
- Two of the most innovative, lightweight 1-1/4" (32 mm) dia. x 20' (6 m) long coaxial hoses on the market today (see page 153).
- Auto on/off switch, 26' (8 m) electrical cord.
- UL (United States and Canada), CE (Europe), GOST (Russia) and Korean approved/listed. Also certified "M" Class Dust Collection (Europe).
- Features Dynabrade's Composite-Style Couplers and Vacuum Hose Swivel Adapter (see pages 161 and 155).



## Pneumatic Portable Vacuum System

Spark-free operation

### Model 64625

- Powerful industrial vacuum for commercial use, particularly where use of electric equipment is hazardous or where electric supply is not available.
- 10 gal. (37.8 litres) capacity; developed to be safe and portable.
- Top of the vacuum head is designed to work as a shelf to hold air tools, sandpaper, etc.
- The filter element is water resistant and washable.
- Includes a set of five dust bags (Part No. 64627).

Model Number	Capacity Gallon (Litres)	Voltage / Frequency	Watts	Plug (Region)	Air Pressure PSIG (Bar)	Water Static Lift Inch/cm/mbar	Sound Level	Shipping Weight lbs. (kg)	Height Inch (mm)	Width Inch (mm)
61300	9.9 (36)	120V/60 Hz	1,300	US (US/Canada)	90 (6.2)	90/229/230	76 dB(A)	48.4 (22.0)	38-1/2 (978)	20-7/8 (530)
61301	17 (64)	120V/60 Hz	1,300	US (US/Canada)	90 (6.2)	90/229/230	76 dB(A)	61.6 (28.0)	44-7/8 (1,140)	27-5/8 (702)
61302	9.9 (36)	230V/50 Hz	1,400	UK (UK)	90 (6.2)	90/229/230	76 dB(A)	48.4 (22.0)	38-1/2 (978)	20-7/8 (530)
61303	17 (64)	230V/50 Hz	1,400	UK (UK)	90 (6.2)	90/229/230	76 dB(A)	61.6 (28.0)	44-7/8 (1,140)	27-5/8 (702)
61304	9.9 (36)	110V/60 Hz	1,300	UK (UK)	90 (6.2)	90/229/230	76 dB(A)	48.4 (22.0)	38-1/2 (978)	20-7/8 (530)
61305	17 (64)	110V/60 Hz	1,300	UK (UK)	90 (6.2)	90/229/230	76 dB(A)	61.6 (28.0)	44-7/8 (1,140)	27-5/8 (702)
61306	9.9 (36)	230V/50 Hz	1,400	CEE7/XVII (Europe)	90 (6.2)	90/229/230	76 dB(A)	48.4 (22.0)	38-1/2 (978)	20-7/8 (530)
61307	17 (64)	230V/50 Hz	1,400	CEE7/XVII (Europe)	90 (6.2)	90/229/230	76 dB(A)	61.6 (28.0)	44-7/8 (1,140)	27-5/8 (702)
61308	9.9 (36)	230V/50 Hz	1,400	None (International)	90 (6.2)	90/229/230	76 dB(A)	48.4 (22.0)	38-1/2 (978)	20-7/8 (530)
61309	17 (64)	230V/50 Hz	1,400	None (International)	90 (6.2)	90/229/230	76 dB(A)	61.6 (28.0)	44-7/8 (1,140)	27-5/8 (702)
61310	9.9 (36)	220V/60 Hz	1,400	(Far East)	90 (6.2)	90/229/230	76 dB(A)	48.4 (22.0)	38-1/2 (978)	20-7/8 (530)
61311	17 (64)	220V/60 Hz	1,400	(Far East)	90 (6.2)	90/229/230	76 dB(A)	61.6 (28.0)	44-7/8 (1,140)	27-5/8 (702)
64625	10 (37.8)	-	-	-	110-120 (7.6-8.3)	90/229/230	73 dB(A)	48.4 (22.0)	44 (1,118)	19 (483)



# Electric Portable Vacuum Accessories

Customize your Portable Vacuum System

For More Efficient Use of Valuable Workshop Space

## Vacuum Tray

Part Number 96567  
9.9 gallon (36 litres)

Part Number 96563  
17 gallon (64 litres)

- A convenient, heavy duty storage tray for work-related items.
- Shown with optional 96581 Hanger, ideal for hanging vacuum hoses.



## Locking-Front Wheel Assembly

Part Number 80051

- Lock vacuum in place with the simple ease of a push-lock system.



## Replacement Brushes

Part Number 80057 110 V - 60 Hz.

- Quantity of two.

Part Number 80058 230 V - 50 Hz.

- Quantity of two.



## Vacuum Cleaning Kit

Part Number 96558

- Includes 6' (1.8 m) long x 1-1/4" (32 mm) dia. vacuum hose, curved handle and two extension pipes along with round brush, crevice tool and coarse dirt nozzle attachments.
- For use with all electric portable vacuums.
- 64621 Cleaning Kit is available - for use with discontinued vacuums (models 64600 and 64605).



## Wall Mount Bracket

Part Number 96534

- Keep vacuum off floor and convenient for use.



## Hose Hanger

Part Number 96581

- Keep vacuum hose out of the way and off the floor.
- Use in conjunction with one of the vacuum trays. Hose hanger can be placed anywhere on the tray.



## "Y" Vacuum Connector

Part Number 64686

- Allows two tools to be connected to the same portable vacuum system.



## Vacuum Edge Guard

Part Number 61361

- Non-marring protective edge allows vacuum unit to be placed on finished surfaces.
- For use with 9.9 gallon (36 litres) models only.



## Disposable Bags



Part Number	Description	For Use With
50692	1-2 Micron (400/case)	95575 Bag 'n Box System and 54288 Bag 'n Bag System
50693	1-2 Micron (24/pkg.)	95575 Bag 'n Box System and 54288 Bag 'n Bag System
64682	5 Micron (10/pkg.)	Portable Vacuum Models 61300, 61302, 61304, 61306 and 61308
80076	5 Micron (10/pkg.)	Portable Vacuum Models 61301, 61303, 61305, 61307 and 61309
64627	Plastic (12/pkg.)	Portable Vacuum Model 64625
64601	5 Micron (5/case)	Portable Vacuum Model 64600 (discontinued)
64606	5 Micron (5/case)	Portable Vacuum Model 64605 (discontinued)

# Electric Portable Vacuum Accessories

Customize your Portable Vacuum System

For Maximum Dust Collection and Ease of Operation

## Paper Cartridge Filter

Part Number 64683

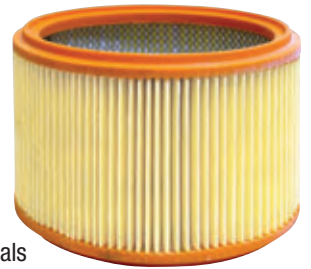
- Cartridge filtration capturing 1 micron respirable-size-particles.



## HEPA Cartridge Filter

Part Number 64684

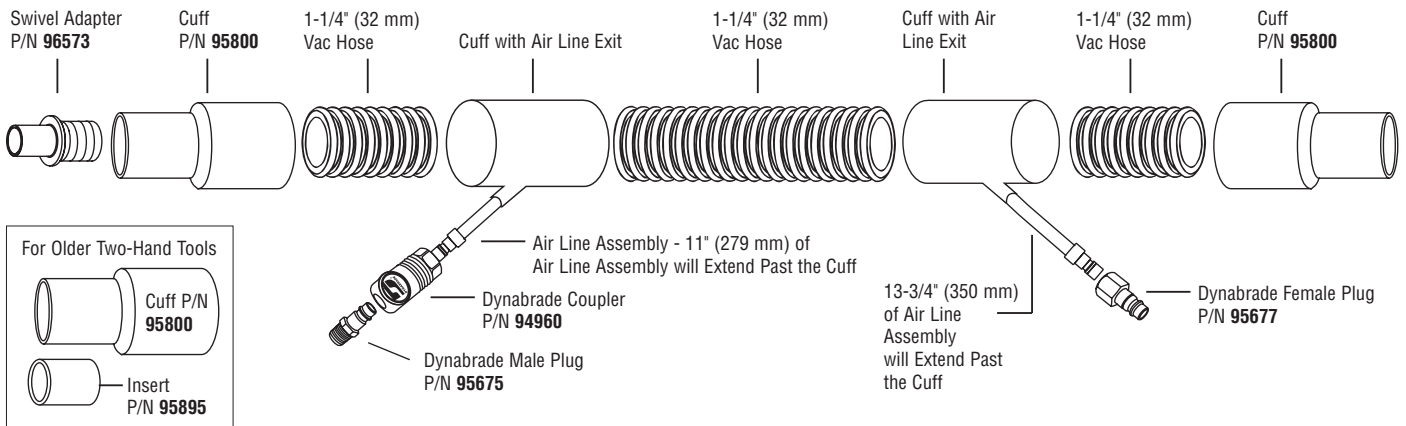
- True HEPA filtration is recognized as one of the most efficient air filtration methods available and has been proven to remove airborne particles.
- Our HEPA Cartridge Filter is certified 99.97% efficient in capturing 0.3 micron respirable-size-particles. (One micron equals 1 millionth of a meter.)



# Coaxial Vacuum Hose Assemblies

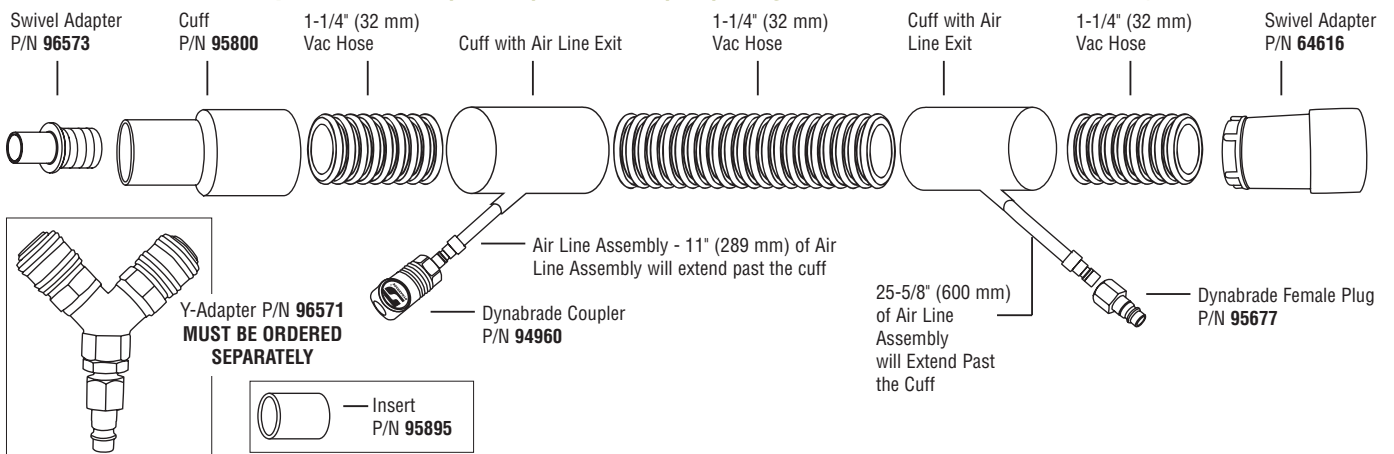
## For Dynabrade Vacuum System

Part Number 94941 *Standard 1-1/4" (32 mm) dia. x 20' (6 m) Long Coaxial Vacuum Hose Assembly*



## For Non-Dynabrade Vacuum Systems

Part Number 94943 *Optional 1-1/4" (32 mm) dia. x 20' (6 m) Long Coaxial Vacuum Hose Assembly*





# Hose Cuffs

## Many Configurations to Match Vacuum System Requirements

### Hose Cuffs for Dynabrade Vacuum Tools - See Chart Below for Hose Cuff Details

Part Number	Connection to Vacuum Hose	Connection to Vacuum Tool	95895 Insert*	Dynabrade Vacuum Tool Compatibility
95396	1" Thread	1" Non-Thread	–	Self-Generated Vacuum Palm-Style Random Orbital Sanders; Vacuum Dynabug®, Dynabug® "Model T", Dynabug® II, Dynaline, Dynaflex® II
95800	1-1/4" Thread	1-1/4" Non-Thread	Optional	Self-Generated Vacuum Two-Hand Random Orbital Sanders; Vacuum DynaLocke® Sanders
95894	1-1/4" Thread	1" Non-Thread	Included	Central Vacuum Random Orbital Sanders (Palm-Style and 6" [152 mm] Dia. Two-Hand); 6" (152 mm) Dia. Central Vacuum Two-Hand Gear-Driven Sanders

\*Use 95895 Insert to mount to tool's vacuum outlet

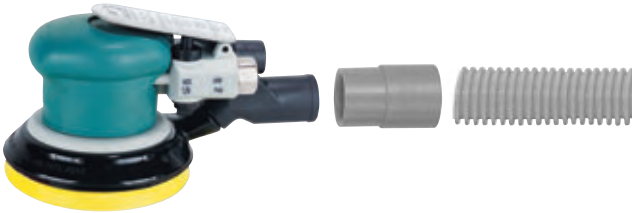
### Single Hose Cuffs (Except Where Noted)

Part Number	Connection to Vacuum Hose	Image	Connection to Vacuum Tool
95601	3/4" Thread		3/4" Non-Thread
95602	3/4" Thread		3/4" Non-Thread
95396	1" Thread		1" Non-Thread
95599	1" Thread		1" Non-Thread
54208	1" Thread		1-1/4" Non-Thread
95894	1-1/4" Thread		1" Non-Thread
96006	1-1/4" Thread		1" Non-Thread
95800	1-1/4" Thread		1-1/4" Non-Thread
96412	1-1/4" Thread		1-1/4" Thread
96413	1-1/4" Thread		1-1/2" Thread

Part Number	Connection to Vacuum Hose	Image	Connection to Vacuum Tool
96414	1-1/4" Thread		1-1/2" Non-Thread
95698	1-1/4" Thread		2" Non-Thread
64616	1-1/4" Thread		2-1/4" Non-Thread
96103	1-1/2" Thread		1" Non-Thread
96104	1-1/2" Thread		1" Non-Thread
96102	1-1/2" Thread		1-1/4" Non-Thread
95699	1-1/2" Thread		1-1/4" Non-Thread
97051	1-1/2" Thread		2" Non-Thread
95700	2" Thread		1-1/4" Non-Thread

# Exhaust Hoses

Many Configurations to Match Vacuum System Requirements



Hose Diameter	Part Number	Length	Cuffs
3/4" (19 mm)	52036	2-1/2' (762 mm)	1
	50834	5' (152 cm)	2
	95729	Specify length	0*
1" (25 mm)	50638	18" (46 cm)	2
	50682	6' (183 cm)	2
	95596	4-1/2' (137 cm)	1
	95709	10' (305 cm)	2
	95395	Specify-up to 50' (15-1/4 m)	
1-1/4" (32 mm)	54201	4-1/2' (137 cm)	0
	54202	6' (183 cm)	2
	54205	Specify - up to 50' (15-1/4 m)	0*
1-1/2" (38 mm)	95847	Specify - up to 50' (15-1/4 m)	0

\*NOTE: Optional 95602 Factory-Installed Cuffs available

## Vacuum Hose Reduction Assembly

Part Number 96580

2" (51 mm) Non-Thread Vacuum Connection to 1-1/4" (32 mm) Tool Connection



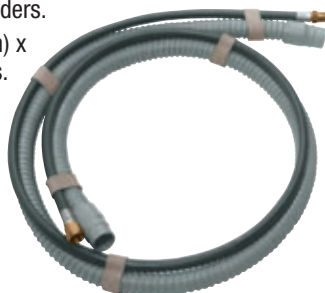
- For connecting tools with 2" (51 mm) vacuum port to Dynabrade Portable Vacuum.
- Use to connect Dynabrade 8" (203 mm) dia. Central Vacuum Random Orbital and Gear-Driven Sanders.

## Exhaust Hose Assembly

Part Number 95820

1" (25 mm) Dia. x 10' (3 m) Long

- For use with Dynorbital® Sanders.
- 95709 Flex Hose: 1" (25 mm) x 10' (3-1/4 m) long with cuffs.
- 95816 Air Line: 1/4" (6 mm) dia. x 11' (3-3/8 m) long
- 95362 Rubber Connectors.



# Vacuum Hose Swivel Adapters

The Adapter SWIVELS for Comfortable Tool Maneuverability

- Lightweight vacuum hose; easy connection to air tools.
- 1" (25 mm) connection to tool.

Part Number 96572 1" Swivel Adapter

- 1" (25 mm) connection to vacuum hose.

Part Number 96573 1-1/4" Swivel Adapter

- 1-1/4" (32 mm) connection to vacuum hose.



# Vacuum Conversion Kits

For use with Dynorbital-Spirit® and Dynorbital® Supreme

- Pad diameter determines which kit is right for your tool.
- Conversion kit allows user to change tool into desired vacuum configuration.



Part Number 57120



Pad Diameter	Converts Tool to	Kit Part Number
3-1/2" (89 mm)	Vacuum Ready	57118
3-1/2" (89 mm)	Central Vacuum	57119
5" (127 mm)	Vacuum Ready	57120
5" (127 mm)	Central Vacuum	57121
6" (152 mm)	Vacuum Ready	57122
6" (152 mm)	Central Vacuum	57123



# Dust Collection Receptacles

Easily Attach to Air-Powered Dynabrade Vacuum Tools

## Mini-Reusable Felt Bag

Part Number 50694

- 11" (279 mm) long x 3" (76 mm) wide. End opens up - no need to remove bag from tool when emptying.
- New bag design features a one micron filter rating. Bag traps over 99% of vacuum particles one micron or larger.



## Reusable Felt Bag

Part Number 50683

Hook-Face Closure

- 14-1/2" (368 mm) long x 7-1/2" (191 mm) wide.
- New bag design features a one-micron filter rating. Bag traps over 99% of vacuum particles one micron or larger.



## Reusable Felt Bag

Part Number 56304

Zipper-Lock Closure

- 14-1/2" (368 mm) long x 7-1/2" (191 mm) wide.
- New bag design features a one micron filter rating. Bag traps over 99% of vacuum particles one micron or larger.



## Durable Box Receptacle

Part Number 95575

- A pre-punched hole accepts 1" (25 mm) diameter Dynabrade vacuum hoses.
- Receptacle houses a throw-away paper vacuum bag.
- Paper bag reorder (50692 400/case), (50693 24/pkg).



# Self-Contained Dust Collection Systems

Easily Attach to Air-Powered Dynabrade Vacuum Tools

## Mini-Flex-Hose System

Part Number 54284

- 95580 Air Line 1/4" (6 mm) dia. x 28" (711 mm) long.
- 50638 Flex-Hose 1" (25 mm) dia. x 18" (457 mm) long.
- 50694 Mini-Reusable Felt Bag.



## 6' (1.8 m) Long Flex-Hose Systems

- Both systems include 1" (25 mm) dia. x 6' (1.8 m) long 50682 Flex-Hose.

Part Number 50617

- Includes 50683 Bag with hook-face closure.



Part Number 56303

- Includes 56304 Bag with zipper-lock closure.

## "Bag-in-Box" System

Part Number 54290

- Includes: 95361 Air Line, 5' (1.5 m) long, 50682 Flex-Hose (1" [25 mm] dia. x 6' [1.8 m] long) and 95575 Durable Box Receptacle (to house bag and store tool).
- Sample paper bag included. Paper bag reorder: 50692 (400/case) or 50693 (24/pkg.)



## "Bag-In-Bag" System

Part Number 54288

- 50692 Disposable Vacuum Bag fits inside reusable 50697 Mesh-Style Bag, which attaches to operator's belt for added maneuverability.
- Includes: 50682 Flex Hose (1" [25 mm] dia. x 6' [1.8 m] long), 95361 Air Line (1/4" 96 mm) dia. x 5' [1.5 m] long) and 94996 Belt Strap.



# Overskirt Shrouds

For Dynorbital® Supreme and Dynorbital-Spirit® Sanders

## Overskirt Shrouds

- Has built-in vacuum port.
- Replace standard lip-seal shrouds in seconds.
- Protects pad edges when working near workpiece sides.



Part Number	Pad Diameter	Tool Compatibility
57084	3" (76 mm)	Random Orbital Sanders
	3-1/2" (89 mm)	
57086	5" (127 mm)	Random Orbital Sanders
56063	5" (127 mm)	Wet Random Orbital Sanders
57087	6" (152 mm)	Random Orbital Sanders
56065	6" (152 mm)	Wet Random Orbital Sanders

## Overskirt Shroud Conversion Kits

- All-in-one kit allows conversion of non-vacuum tools to self-generated or central vacuum tools.
- For use on 5" (127 mm) or 6" (152 mm) Dynorbital-Spirit® and Dynorbital® Supreme sanders.



Part Number	Pad Diameter	Conversion Type
57556	5" (127 mm)	Self-Generated Vacuum
57557	5" (127 mm)	Central Vacuum
57558	6" (152 mm)	Self-Generated Vacuum
57559	6" (152 mm)	Central Vacuum

# Exhaust Hose and Air Line Assemblies

For air exhaust and dust collection

## Overhose Assembly

- May be used to further reduce noise levels by as much as 5 dB(A).
- Overhose redirects exhaust away from operator and workpiece.



**Part Number 94994**

1-1/4" Diameter x 3' Long

- Use with disc sanders and die grinders that feature our short muffler.

**Part Number 53621**

1-3/4" Diameter x 3' Long

- Use with 1 hp disc sanders and die grinders.

## Hose Cover



**Part Number 95986**

5' (1.5 m) Long Cloth Cover

- Covers air line and exhaust/vacuum hoses (not included).
- Eliminates damage from hoses dragging on the workpiece.

## Rubber Connectors



**Part Number 95362 (5/pkg.)**

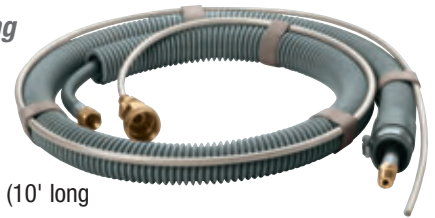
- Used to strap tool air line to tool's exhaust hose for easy "all-in-one" maneuverability.

## Overhose Water Line Assembly

**Part Number 95801**

1" Diameter x 4-1/2' Long

- 95596 Flex Hose (1" dia. x 4-1/2' long with cuff).
- 95361 Air Line (1/4" dia. x 5' long).
- 95579 Water Line Assembly (10' long with fittings).
- 95362 Rubber Connectors.
- Use with Wet Sanders.



## Air Line/Vac Hose Adapter

**Part Number 96020**

1-1/2" Diameter x 18" Long

- Allows Dynorbital® Supreme (Palm-Style or Two-Hand) to be coupled with European vacuum system.
- 95847 Exhaust Hose: 1-1/2" diameter.
- 96104 Hose Cuff with air line port.
- 96019 Air Line: 1/4" dia. x 18" long.
- 96102 Hose Cuff.





# Downdraft Sanding Tables

**Eliminate Airborne Dust and Contaminants While Sanding**

## Standard Duty Tables

**64201** - Working Area of 33" (838 mm) W x 41" (104 cm) L

**64699** - Working Area of 33" (838 mm) W x 60" (152 cm) L

**64700** - Working Area of 36" (914 mm) W x 72" (183 cm) L

- Ideal for use with vacuum-ready or non-vacuum tools.
- Dual filtration – accepts 1-micron pleated paper filters: 20" (508 mm) W x 25" (635 mm) L
  - Models 64201 and 64699 include two filters.
  - Model 64700 includes three filters.
- Rhino Linings® coated tabletop surface is durable and anti-slip.
- Two handy storage compartments for tools and accessories.
- 5" (127 mm) dia. casters allow easy maneuverability of table.
- Two convenient dust-tight electric outlets.
- Power source: One heavy duty electric motor, 1.0 hp.
- Electric capacity: 110 volt, 220 volt (single phase); three phase available upon request.
- Each model includes one pre-filter blanket.
- Two paper filters to choose from: 20" (508 mm) W x 25" (635 mm) L x 2" (51 mm) thick
  - 64671 Standard Paper Air Filter.
  - 64672 UL-Rated Class I Non-Flammable Air Filter (recommended when sanding bare metal).



Model 64201



Model 64700

## Heavy Duty Table

**64657** Working Area of 48" (122 cm) W x 96" (244 cm) L

- Up to 70% more filter area than competitive brands.
- Dual filtration – pre-filter blanket and 1-micron paper filters.
- Includes twelve paper filters
  - Eight 64658 filters: 20" (508 mm) x 25" (635 mm)
  - Four 64659 filters: 16" (406 mm) x 25" (635 mm)
- High quality reverse incline blowers. Heavy duty TEFC twin electric motors.
- Base unit is all-metal construction with CNC milled 3/4" (19 mm) MDF tabletop.
- Optional anti-static and anti-slip mat available (64970) as well as optional 5" (127 mm) diameter casters.
- Power source: Two heavy duty TEFC electric motors, 1.5 hp.
- Electric capacity: 115 volt (single phase), 208 volt (three phase), 230 volt (single phase), 230 volt (three phase); 460 volt (three phase) available upon request.



Model 64657

Model Number	Motor hp	Volts	Phase	Vacuum Suction	Sound Level	Working Area Width	Working Area Length	Height	Shipping Weight
64201	1	110/220	1	3,000 CFM	72 dB(A)	33" (838 mm)	41" (104 cm)	36" (914 mm)	275 lbs. (125 kg)
64657	1.5 (Dual)	115	1	7,000 CFM	75 dB(A)	48" (122 cm)	96" (244 cm)	37" (940 mm)	970 lbs. (440 kg)
64699	1	110/220	1	3,000 CFM	72 dB(A)	33" (838 mm)	60" (152 cm)	36" (914 mm)	285 lbs. (129 kg)
64700	1	110/220	1	3,000 CFM	72 dB(A)	36" (914 mm)	72" (183 cm)	36" (914 mm)	365 lbs. (166 kg)



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**Continued Leadership In Portable Abrasive Power Tool Technology**

**[www.dynabrade.com](http://www.dynabrade.com)**



# Air Supply Accessories

## Cost-Effective Solutions for Air Systems

### Swivel Air Line Hoses

- Eliminates kinking, fittings swivel 360° for easy use.
- Tough, flexible and lightweight.



Hose I.D. Inch (mm)	Hose O.D. Inch (mm)	Part Number	Female Fittings	Male Fittings	Length
5/32 (4)	1/4 (6)	96217	1 (1/4")	1 (1/4")	3 ft. (910 mm)
		96218	1 (1/4")	1 (1/8")	3 ft. (910 mm)
		96219	1 (1/4")	1 (1/4")	6 ft. (1.8 m)
		96220	1 (1/4")	1 (1/8")	6 ft. (1.8 m)
		96221	0*	0*	Specify Length
1/4 (6)	3/8 (10)	96222	1 (1/4")	1 (1/4")	3 ft. (910 mm)
		96223	1 (1/4")	1 (1/4")	6 ft. (1.8 m)
		96224	0*	0*	Specify Length

\* Order fittings separately, if desired

### Press-On Fittings

For Use With	Part Number	Description
1/4" (6 mm) Hose	96225	1/4" NPT Female
	96226	1/4" NPT Male
	96227	1/8" NPT Male
3/8" (10 mm) Hose	96228	1/4" NPT Female
	96229	1/4" NPT Male



### Reusable Fittings

- No tools required, simply insert fittings into air hose.

For Use With	Part Number	Description
8 mm Dia. Hose	94897	1/4" NPT Male



### Speed Control Dial

- Connects directly to air tool.

Hose and Tool Connections	Part Number	Air Flow Range SCFM (LPM)
1/4" NPT	95745	Up to 25 (708)
3/8" NPT	95746	Up to 26-45 (736-1,274)



### Lightweight 8 mm I.D. Air Hose Assembly

- Use this assembly to connect an FRL to a Dynabrade tool for optimum results.
- Air line is 66% lighter than conventional PVC and rubber hoses.
- Reinforced hose is made of an anti-abrasive PU and thermoplastic rubber compound.
- High flexibility and narrow bending radius of hose prevent choking.
- High resistance to ozone, hydrocarbons, fats, oils, and slightly aggressive chemical products.



Length	Part Number	Hose O.D.	Female Fittings	Male Fittings
5 ft. (1.5 m)	94874	12.7 mm	0	2
	94863	12.7 mm	1	1
12 ft. (3.7 m)	94851	12.7 mm	0	2
	94852	12.7 mm	1	1
25 ft. (7.6 m)	94876	12.7 mm	0	2
	94892	12.7 mm	1	1
328 ft. (100 m)	94860	12.7 mm	0	0

### Flexible Air Line Assemblies



Hose I.D. Inch (mm)	Part Number	Female Fittings	Male Fittings	Length
1/4 (6)	95361	1	1	5 ft. (1.5 m)
	95580	1	1	28" (711 mm)
	95807	0	0	Specify Length
	95938	1	1	Specify Length
3/8 (10)	11292	0	2	8 ft. (2.4 m)
1/2 (13)	95870	1	1	5 ft. (1.5 m)

# Plugs

## Ported Design to Prevent Starving of the Air Tool

- Durable zinc-plated steel construction.
- Provides up to twice the air flow compared to standard plug design.



Body Size	Part Number	Thread Size (NPT)	Air Flow Range SCFM (LPM)
1/4"	95675	1/4" Male	Up to 74 (2,095)
	95677	1/4" Female	
	96005	3/8" Male	
3/8"	98263	3/8" Male	Up to 138 (3,900)
	98264	3/8" Female	
1/2"	98271	1/2" Male	Up to 138 (3,900)
	98272	1/2" Female	

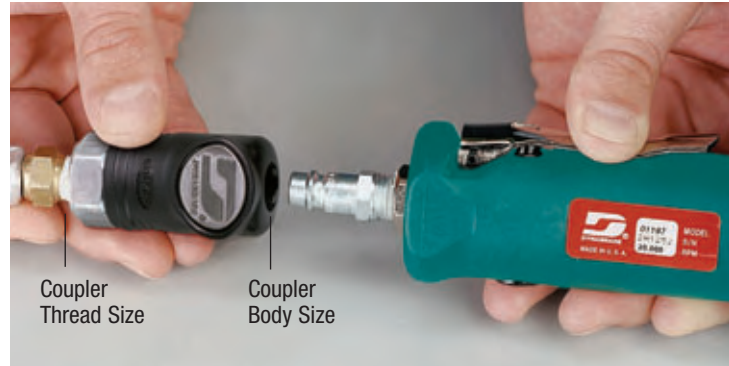
# Couplers and Coupler/Plug Assemblies

## Provide Maximum Air Flow to Tools

### Steel and Brass Couplers

- Durable nickel-plated steel and brass construction.
- Single action quick-connect by just inserting plug into coupler. Pull back on sleeve of coupler for quick disconnect.

Body Size	Part Number	Thread Size NPT	Air Flow Range SCFM (LPM)
1/4"	95674	1/4" Female	Up to 74 (2,095)
	95684	1/4" Male	
3/8"	98261	3/8" Female	Up to 138 (3,900)
	98262	3/8" Male	
1/2"	98269	1/2" Female	Up to 138 (3,900)
	98270	1/2" Male	



### Coupler/Plug Assemblies

- Assemblies include one coupler and one plug.
- Maximum working pressure: 150 PSIG (10 Bar).
- Temperature Range: -4°F to 212°F (-20°C to 100°C).



### Composite-Style Couplers

- Composite-style design provides maximum air flow to tools.
- Heavy duty construction.
- Easy connect/disconnect by single push-button action.
- Shock-proof, low-vibration, crush-resistant.
- Lightweight 1.4 oz. (0.04 kg), non-marring composite material.



### Teal Composite Couplers

- Designed for Industrial Interchange plugs.

Body Size	Part Number	Color	Thread Size NPT	Air Flow Range SCFM (LPM)
1/4"	94960	Black	1/4" Female	Up to 54 (1,529)
	94980	Black	1/4" Male	
	94920	Teal	1/4" Female	Up to 37 (1,048)
	94921	Teal	1/4" Male	

### Plugs with Steel and Brass Couplers

Coupler Body Size	Part Number	Coupler Thread Size (NPT)	Plug Body Size	Plug Thread Size (NPT)	Air Flow Range SCFM (LPM)
1/4"	95676	1/4" Female	1/4"	1/4" Male	Up to 74 (2,095)
	95850	1/4" Female	1/4"	1/4" Female	
	95685	1/4" Male	1/4"	1/4" Male	
	95851	1/4" Male	1/4"	1/4" Female	
3/8"	98265	3/8" Female	3/8"	3/8" Male	Up to 138 (3,900)
	98266	3/8" Female	3/8"	3/8" Female	
	98267	3/8" Male	3/8"	3/8" Male	
	98268	3/8" Male	3/8"	3/8" Female	
1/2"	98273	1/2" Female	1/2"	1/2" Male	Up to 138 (3,900)
	98274	1/2" Female	1/2"	1/2" Female	
	98275	1/2" Male	1/2"	1/2" Male	
	98276	1/2" Male	1/2"	1/2" Female	

### Safety Couplers

- Unique "Two Step" Safety Disconnect System releases air pressure before tool is disconnected.
- Engineered to minimize air leakage and eliminates "hose whip."
- Aerodynamically-designed valve improves air flow to tool.
- Ergonomically designed for easy one-hand operation.
- Advanced anti-static composite and stainless steel construction; cannot rust or corrode.
- Impact resistant with non-scratch surface.
- Conforms to ISO 4414 standard, and these specifications: 7.2/7.4 European full flow profile.



Body Size	Part Number	Thread Size NPT	Air Flow Range SCFM (LPM)
1/4"	97566	1/4" Female	Up to 55 (1,558)
	97567	1/4" Male	
	97575	1/4" Male	

### Plugs with Black Composite-Style Couplers

Coupler Body Size	Part Number	Coupler Thread Size (NPT)	Plug Body Size	Plug Thread Size (NPT)	Air Flow Range SCFM (LPM)
1/4"	94990	1/4" Female	1/4"	1/4" Male	Up to 54 (1,529)
	94991	1/4" Female	1/4"	1/4" Female	
	94992	1/4" Male	1/4"	1/4" Male	
	94993	1/4" Male	1/4"	1/4" Female	

### Plugs with Safety Couplers

Coupler Body Size	Part Number	Coupler Thread Size (NPT)	Plug Body Size	Plug Thread Size (NPT)	Air Flow Range SCFM (LPM)
1/4"	97572	1/4" Female	1/4"	1/4" Male	Up to 55 (1,558)
	97573	1/4" Female	1/4"	1/4" Female	
	97574	1/4" Male	1/4"	1/4" Male	
	97575	1/4" Male	1/4"	1/4" Female	



# DynaJet In-Line Blow Gun

## Clean Off Work Surfaces Without Disconnecting

- Only connect once... permanently mounts between coupler and air hose to purge air line of water and contaminants before starting up air tools.
- Durable aluminum construction, weighs only 2 oz. (0.06 kg).

### Part Number 94466

#### Standard Design

- Provides no restriction of air line pressure.

### Part Number 94467

#### Safety Tip Design

- Reduces line pressure down to 30 PSIG (2 Bar).
- Meets O.S.H.A. requirements of special relief hole in nozzle which limits pressure to 30 PSIG (2 Bar) when dead ended and used on an air line of 150 PSIG (10.3 Bar) or less.

Part Number	Thread Size	Weight kg (lb.)	Recommended Air Flow Range SCFM (LPM)
94466	1/4" Female NPT	0.06 kg	up to 35 SCFM (991 LPM)
94467	1/4" Female NPT	0.06 kg	up to 991 LPM

10.3 Bar (150 PSIG) maximum on all models

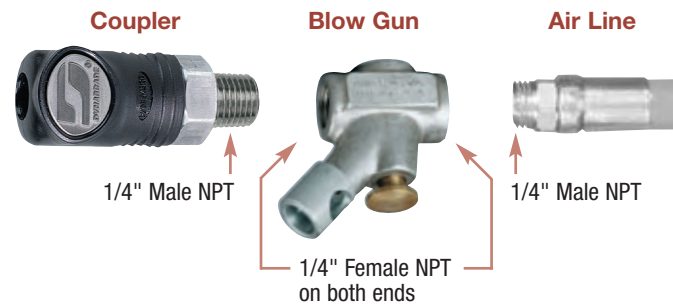


Part Number 94466



Part Number 94467

## Proper Installation for DynaJet In-Line Blow Gun Connection



# Filter-Regulator-Lubricator

## Cost-Effective Solutions for Air Supply Systems

### Filter

- Two stage filtration of water and contaminants from the air system.

Part Number	Air Inlet Thread
11400	3/8" NPT
11406	1/2" NPT



### Regulator

- Features safety-lock knob for maintaining accurate air pressure regulation.

Part Number	Air Inlet Thread
11401	3/8" NPT
11407	1/2" NPT



### Lubricator

- Adjustable oil drop to meter the amount of oil into the air system.

Part Number	Air Inlet Thread
11403	3/8" NPT
11409	1/2" NPT



### Filter-Regulator

- Two stage filtration of water and contaminants from the air system.
- Features safety-lock knob for maintaining accurate air pressure regulation.

Part Number	Air Inlet Thread
11402	3/8" NPT
11408	1/2" NPT



### Regulator-Lubricator

- Features safety-lock knob for maintaining accurate air pressure regulation.
- Adjustable oil drop to meter the amount of oil into the air system.

Part Number	Air Inlet Thread
11404	3/8" NPT
11410	1/2" NPT



### Filter-Regulator-Lubricator

- Two stage filtration of water and contaminants from the air system.
- Features safety-lock knob for maintaining accurate air pressure regulation.
- Adjustable oil drop to meter the amount of oil into the air system.

Part Number	Air Inlet Thread
11405	3/8" NPT
11411	1/2" NPT



Additional Specifications: Maximum Air Flow 9.7 Bar (140 PSIG)  
Female Ports

3/8" NPT = 40 SCFM (1,133 LPM) @ 100 PSIG (6.9 Bar)

1/2" NPT = Up to 55 SCFM (1,558 LPM) @ 100 PSIG (6.9 Bar)

**NOTE:** For installation and maintenance instructions refer to Dynabrade's Filter-Regulator-Lubricator Manual (PD00.72)

# Dynaswivel® Air Line Connectors

## Never Fight an Air Hose Again!

For use with Most Air Tools... Grinders, Sanders, Glue Guns, Staple Guns, Drills, Buffers, etc.



- The Dynaswivel® is a “universal-joint” that connects portable air tools to an air line.
- It improves tool maneuverability, minimizes operator fatigue and extends hose life.
- Patented; works great on air tools or paint guns.

### Non-Marring Composite Construction

#### Double Pivot

- Swivels 360° AT TWO PIVOT POINTS allowing the air hose to drop directly to the floor while providing superb tool handling.



#### Double Pivot, Flow Control

- Swivels 360° AT TWO PIVOT POINTS allowing the air hose to drop directly to the floor while providing superb tool handling.
- Finger-tip air-flow control dial.



Thread Size	Part Number	Pivot	Flow Control	Air Flow Range SCFM (LPM)	Weight oz. (kg)
1/4" NPT	94300*	Double	No	up to 33 (935)	2.15 (0.06)
	94407*	Double	Yes	up to 46 (1303)	2.40 (0.08)

### Aluminum Construction

#### Single Pivot

- Right angle “single-pivot” swivels 360° at one location.
- Designed to permit air hose to extend horizontally away from tool while allowing 360° tool maneuverability.
- Great for stationary equipment.



Thread Size	Part Number	Flow Control	Air Flow Range SCFM (LPM)	Weight lb. (kg)
1/4" NPT	95590**	No	up to 25 (708)	0.11 (0.05)
3/8" NPT	95591**	No	26-45 (736-1275)	0.26 (0.12)
1/2" NPT	95592**	No	46-65 (1303-1841)	0.46 (0.21)

### Aluminum Construction

#### Double Pivot

- Swivels 360° AT TWO PIVOT POINTS allowing the air hose to drop directly to the floor while providing superb tool handling.



#### Double Pivot, Flow Control

- Swivels 360° AT TWO PIVOT POINTS allowing the air hose to drop directly to the floor while providing superb tool handling.
- Finger-tip air-flow control dial.



Part Number	Thread Size	Flow Control	Air Flow Range SCFM (LPM)	Weight lb. (kg)
1/8" Male x 25 1/4" NPT Female	95852**	No	up to 25 (708)	0.18 (0.08)
1/4" NPT	95460**	No	up to 25 (708)	0.20 (0.09)
	95734**	Yes	up to 25 (708)	0.24 (0.11)
3/8" NPT	95461**	No	26-45 (736-1275)	0.40 (0.18)
1/2" NPT	95462**	No	46-65 (1303-1841)	0.80 (0.36)
3/4" NPT	95690**	No	above 65 (1840)	1.50 (0.68)

### Dynaswivel® Display Pak

#### Model 96177

- Includes one counter top display box and ten 94300 Dynaswivel® Air Line Fittings.



**IMPORTANT:** 150 PSIG (10.3 Bar) maximum on all models

**\*NOTE:** Do not exceed recommended torque value of 28-30 newton metres

**\*\*NOTE:** Do not use on percussion tools or in areas of high mechanical abuse



**Wobbling pads can result in uneven sanding, lost time and lost profits!**

# Dynabrade Pads' Exclusive Single-Piece Hub Design

**Dynabrade Single-Piece Hub Face Run Out ONLY .002-.005**

**Competitors' Three-Piece Hub Face Run Out can be .015-.040**

*Pads are perfectly weight-mated to Dynabrade sanders & fit most competitors' models*

## Radius Edge Pad

### Rounded Foam Edge

13,000 max. operating speed • Soft density



- For use with with random orbital sanders. 5/16"-24 female thread.
- Rounded foam edge of soft density pad conforms to shape of coves and corners.
- Hook-face attachment is offset from pad edge, allowing abrasive to flex around radius.
- Ideal for use with scalloped edge abrasives.



### Non-Vacuum Pads

Pad Diameter	Part Number	Radius Edge	Nap	Thickness
3-1/2" (89 mm)	57796	3/8" (10 mm)	Short	5/8" (16 mm)
5" (127 mm)	57792	3/8" (10 mm)	Medium	5/8" (16 mm)
	57795	3/8" (10 mm)	Short	5/8" (16 mm)

### Vacuum Pad

Pad Diameter	Part Number	Radius Edge	Nap	Holes	Thickness
5" (127 mm)	57799	3/8" (10 mm)	Short	5	5/8" (16 mm)

## HiVac 3-Hole Pad

For use with HiVac Dynorbital-Spirit® Random Orbital Sanders

- Medium density pad accepts 3" (76 mm) dia. hook-face or mesh-style abrasive discs.
- 5/16"-24 female thread.



### Vacuum Pad

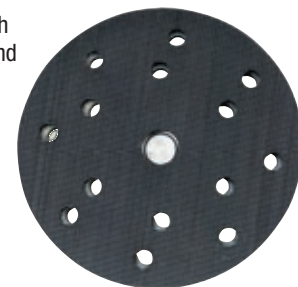
Pad Diameter	Part Number	Face	Nap	Holes	Thickness
3" (76 mm)	56144	Hook	Short	3	1/2" (13 mm)

## Multi-Use Sanding Pad

### Urethane Foam

Use with 6, 7, 8, or 9-hole abrasive discs

- For use on random orbital sanders with vacuum capabilities on wood, metal and solid surfaces.
- Single-hub design reduces vibration and wear.
- 13,000 maximum operating speed; 5/16"-24 female thread.



### Vacuum Pad

Pad Diameter	Part Number	Face	Nap	Holes	Thickness
6" (152 mm)	54331	Hook	Short	15	5/8" (16 mm)

## ACCESSORIES

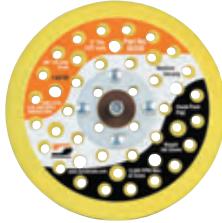
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# Mesh Abrasive Pad

*Compatible with Mesh Abrasive Material*

13,000 max. operating speed • Medium density

- Dust-free sanding and elimination of pilling problems provide longer abrasive life and improved finish.
- Medium density, 5/16"-24 male thread, 13,000 RPM maximum.



### Vacuum Pads

Pad Diameter	Part Number	Face	Nap	Holes	Thickness
5" (127 mm)	56320	Hook	Short	44	3/8" (10 mm)
6" (152 mm)	56321	Hook	Short	52	3/8" (10 mm)
8" (203 mm)	56322	Hook	Short	48	3/8" (10 mm)
11" (279 mm)	53997	Hook	Short	15	1/2" (13 mm)

# Value Pad

*Quality Sanding Pad*

Vinyl-face

- Medium density pad for use with random orbital sanders.
- 5/16"-24 female thread.



### Non-Vacuum Pads

Pad Diameter	Part Number	Holes	Thickness	Density
5" (127 mm)	56205	0	3/8" (10 mm)	Medium
6" (152 mm)	56206	0	3/8" (10 mm)	Medium

### Vacuum Pads

Pad Diameter	Part Number	Holes	Thickness	Density
5" (127 mm)	56207	6	3/8" (10 mm)	Medium
6" (152 mm)	56208	6	3/8" (10 mm)	Medium

# 6-Hole Pattern Pad

*Pad Designed Especially for Pacific Rim Countries*

- Medium density pad for use with random orbital sanders.
- 5/16"-24 female thread.



### Vacuum Pads

Pad Diameter	Part Number	Face	Nap	Holes	Thickness
5" (127 mm)	56240	Hook	Short	6	3/8" (10 mm)
	56241	Vinyl	-	6	3/8" (10 mm)

# Mesh Conversion Kit

Part Number 58055  
5" (127 mm) Dia.

- Transform your non-vacuum random orbital sander into a complete mesh abrasive vacuum system.
- Conversion kit includes:
  - All parts necessary for tool conversion, 56320 Vacuum Sanding Pad for Mesh Abrasives, "Bag-in-Bag" Vacuum System.
  - Mesh abrasive discs are not included.



# Mesh Abrasive System

- A complete system for those who want the high-efficiency advantages of the mesh abrasive application.
- Each system includes:
  - Tool
  - Sanding pad
  - "Bag-in-Bag" Vacuum System



System P/N	Tool Part No.	Tool Description	Sanding Pad Part No.
59119	59116	3" (76 mm) HiVac Vacuum-Ready Dynorbital-Spirit®	56144
58052	58054	5" (127 mm) Vacuum-Ready Dynorbital-Spirit®	56320
58053	59028	6" (152 mm) Vacuum-Ready Dynorbital-Spirit®	56321
58412	58411	8" (203 mm) Vacuum-Ready Two-Hand Dynorbital® Sander	56322
58508	58504	Vacuum-Ready Dynabug® II	56319

# Display Packs

*Display Pads in Refillable Dynabrade Box*

- Each display pack consists of ten Dynabrade random orbital sanding pads.
- Pads fit Dynabrade tools as well as most other manufacturers' sanders.



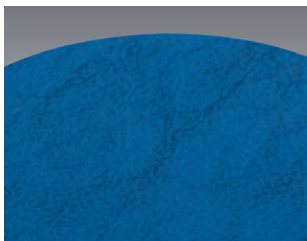
Pad Diameter	Pack Part No.	Pad Part No.	Vacuum Type	Holes
5" (127 mm)	95994	56106	Non-Vacuum	0
	95995	56104	Vacuum	5
6" (152 mm)	95996	56107	Non-Vacuum	0
	95997	56105	Vacuum	5



# Vinyl-Face Random Orbital Sanding Pads

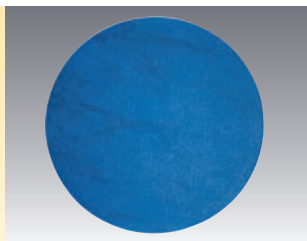
Premium Urethane Sanding Pads Perfectly Weight-Mated for Dynabrade Tools

3" (76 mm), 3-1/2" (89 mm), 5" (127 mm), 6" (152 mm) Pads: 13,000 RPM maximum operating speed • 5/16"-24 male thread  
 8" (203 mm) Pads: 10,000 maximum operating speed • Mounts with 5 screws



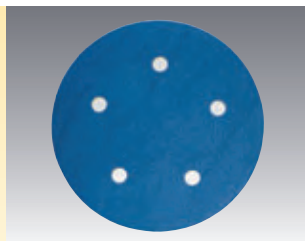
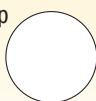
### Vinyl-Face Pads

Ideal for PSA-type disc adhesion. Remove abrasive adhesive paper liner and press abrasive to vinyl-face sanding pad. Quick disc removal.



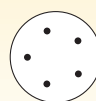
### Non-Vacuum Pads

High quality back-up pad. Weight-mated for smooth running and minimal tool vibration.



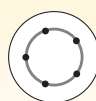
### Vacuum Pads

Vacuum holes are precisely located to achieve proper alignment with abrasive discs for optimum vacuum capabilities.



### Channel Vacuum Pads

1/8" (3 mm) deep recessed channel. No need to align vacuum holes to pad holes.



### Non-Vacuum Pads

Pad Diameter	Part Number	Thickness	Density
3" (76 mm)*	56084	5/8" (16 mm)	Medium
	56086	5/8" (16 mm)	Soft
3-1/2" (89 mm)*	56097	5/8" (16 mm)	Soft
	56098	5/8" (16 mm)	Medium
5" (127 mm)	56102	3/8" (10 mm)	Soft
	56106	3/8" (10 mm)	Medium
	56175	5/8" (16 mm)	Medium
	56185	5/8" (16 mm)	Soft
6" (152 mm)	56103	3/8" (10 mm)	Soft
	56107	3/8" (10 mm)	Medium
	56177	5/8" (16 mm)	Medium
	56187	5/8" (16 mm)	Soft
8" (203 mm)	56234	3/8" (10 mm)	Medium

\*NOTE: Our 3" (76 mm) and 3-1/2" (89 mm) pads, without holes, can also be used for vacuum sanding. Vacuum pick-up is around periphery of pad.

### Vacuum Pads

Pad Diameter	Part Number	Holes	Thickness	Density
3" (76 mm)*	56084	0	5/8" (16 mm)	Medium
	56086	0	5/8" (16 mm)	Soft
3-1/2" (89 mm)*	56097	0	5/8" (16 mm)	Soft
	56098	0	5/8" (16 mm)	Medium
5" (127 mm)	56100	5	3/8" (10 mm)	Soft
	56104	5	3/8" (10 mm)	Medium
	56176	5	5/8" (16 mm)	Medium
	56186	5	5/8" (16 mm)	Soft
	56241	6	3/8" (10 mm)	Medium
6" (152 mm)	56101	6	3/8" (10 mm)	Soft
	56105	6	3/8" (10 mm)	Medium
	56178	6	5/8" (16 mm)	Medium
	56188	6	5/8" (16 mm)	Soft

\*NOTE: Our 3" (76 mm) and 3-1/2" (89 mm) pads, without holes, can also be used for vacuum sanding. Vacuum pick-up is around periphery of pad.



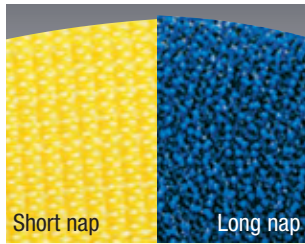
### Channel Vacuum Pads

Pad Diameter	Part Number	Holes	Thickness	Density
5" (127 mm)	56251	5	3/8" (10 mm)	Soft
	56252	5	3/8" (10 mm)	Medium
	56254	5	5/8" (16 mm)	Medium
	56256	5	5/8" (16 mm)	Soft
6" (152 mm)	56261	6	3/8" (10 mm)	Soft
	56262	6	3/8" (10 mm)	Medium
	56264	6	5/8" (16 mm)	Medium
	56266	6	5/8" (16 mm)	Soft

# Hook-Face Random Orbital Sanding Pads

Premium Urethane Sanding Pads Perfectly Weight-Mated for Dynabrade Tools

3" (76 mm), 3-1/2" (89 mm), 5" (127 mm), 6" (152 mm) Pads: 13,000 RPM maximum operating speed • 5/16"-24 male thread  
 8" (203 mm) Pads: 10,000 maximum operating speed • Mounts with 5 screws

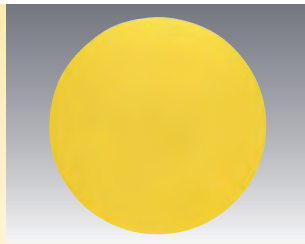


Short nap Long nap

### Hook-Face Pads

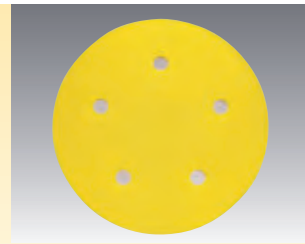
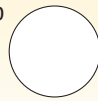
Short nap pads for use with reattachable discs.

Long nap pads for use with non-woven nylon discs.



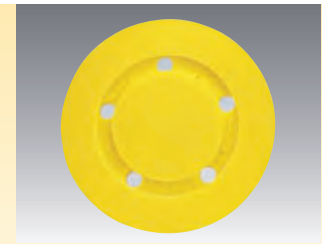
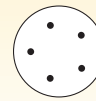
### Non-Vacuum Pads

High quality back-up pad. Weight-mated for smooth running and minimal tool vibration.



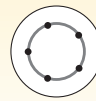
### Vacuum Pads

Vacuum holes are precisely located to achieve proper alignment with abrasive discs for optimum vacuum capabilities.



### Channel Vacuum Pads

3 mm (1/8") deep recessed channel. No need to align vacuum holes to pad holes.



### Non-Vacuum Pads

Pad Diameter	Part Number	Thickness	Nap	Density
3" (76 mm)*	56087	5/8" (16 mm)	Short	Medium
	56090	5/8" (16 mm)	Long	Medium
	56145	1/2" (13 mm)	Short	Medium
3-1/2" (89 mm)*	54311	5/8" (16 mm)	Short	Soft
	54313	5/8" (16 mm)	Short	Hard
	54314	5/8" (16 mm)	Long	Medium
5" (127 mm)	54325	3/8" (10 mm)	Short	Medium
	56157	3/8" (10 mm)	Short	Soft
	56180	5/8" (16 mm)	Short	Medium
	56195	5/8" (16 mm)	Short	Soft
6" (152 mm)	54327	3/8" (10 mm)	Short	Medium
	56158	3/8" (10 mm)	Short	Soft
	56182	5/8" (16 mm)	Short	Medium
	56197	5/8" (16 mm)	Short	Soft
8" (203 mm)	56236	3/8" (10 mm)	Short	Medium

\*NOTE: Our 3" (76 mm) and 3-1/2" (89 mm) pads, without holes, can also be used for vacuum sanding. Vacuum pick-up is around periphery of pad.

### Vacuum Pads

Pad Diameter	Part Number	Holes	Thickness	Nap	Density
3" (76 mm)*	56087	0	5/8" (16 mm)	Short	Medium
	56090	0	5/8" (16 mm)	Long	Medium
	56144	3	1/2" (13 mm)	Short	Medium
3-1/2" (89 mm)*	54311	0	5/8" (16 mm)	Short	Soft
	54313	0	5/8" (16 mm)	Short	Hard
	54314	0	5/8" (16 mm)	Long	Medium
5" (127 mm)	54326	5	3/8" (10 mm)	Short	Medium
	56155	5	3/8" (10 mm)	Short	Soft
	56181	5	5/8" (16 mm)	Short	Medium
	56196	5	5/8" (16 mm)	Short	Soft
	56240	6	3/8" (10 mm)	Short	Medium
	54331	44	3/8" (10 mm)	Short	Medium
6" (152 mm)	54328	6	3/8" (10 mm)	Short	Medium
	56156	6	3/8" (10 mm)	Short	Soft
	56183	6	5/8" (16 mm)	Short	Medium
	56198	6	5/8" (16 mm)	Short	Soft
	56321	52	3/8" (10 mm)	Short	Medium
6" M8 Thread	54324	6	5/8" (16 mm)	Short	Medium

\*NOTE: Our 3" (76 mm) and 3-1/2" (89 mm) pads, without holes, can also be used for vacuum sanding. Vacuum pick-up is around periphery of pad.

### Channel Vacuum Pads

Pad Diameter	Part Number	Holes	Thickness	Nap	Density
5" (127 mm)	56250	5	3/8" (10 mm)	Short	Medium
	56253	5	3/8" (10 mm)	Short	Soft
	56255	5	5/8" (16 mm)	Short	Medium
	56257	5	5/8" (16 mm)	Short	Soft
6" (152 mm)	56260	6	3/8" (10 mm)	Short	Medium
	56263	6	3/8" (10 mm)	Short	Soft
	56265	6	5/8" (16 mm)	Short	Medium
	56267	6	5/8" (16 mm)	Short	Soft



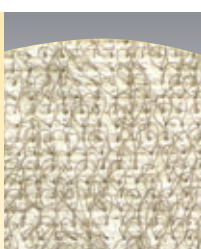
# Loop-Face Random Orbital Sanding Pads

Loop-Face Pads Accept Hookit™ II Abrasives

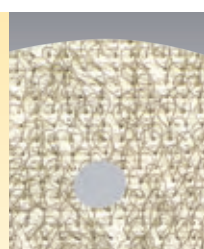
13,000 RPM maximum operating speed • 5/16"-24 male thread • Medium density



**Loop-Face Pads**  
Pads accept 3M™ Hookit™ II abrasives.



**Non-Vacuum Pads**  
High quality back-up pad. Weight-mated for smooth running and minimal tool vibration.



**Vacuum Pads**  
Vacuum holes are precisely located to achieve proper alignment with abrasive discs for optimum vacuum capabilities.

## Non-Vacuum Pads

Pad Diameter	Part Number	Holes	Thickness
5" (127 mm)	56310	0	3/8" (10 mm)
6" (152 mm)	56312	0	3/8" (10 mm)



## Vacuum Pads

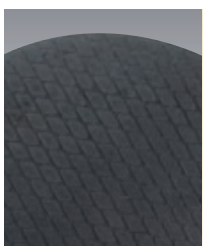
Pad Diameter	Part Number	Holes	Thickness
5" (127 mm)	56311	5	3/8" (10 mm)
6" (152 mm)	56313	6	3/8" (10 mm)



# Rubber Random Orbital Sanding Pads

Rubber Sanding Pads for the Economy-Minded Professional

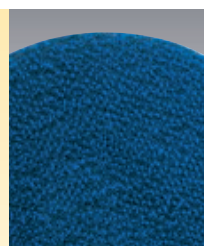
12,000 RPM maximum operating speed • 5/16"-24 male thread • Medium density



**Diamond Pattern**  
Low-cost alternative to premium urethane pads for the economy-minded professional. Use with PSA-type abrasives.



**Post Pattern**  
Grooves in bottom of pad allow for enhanced vacuum pick-up. No need to align vacuum holes with abrasive holes. Use with PSA-type abrasives.



**Long Nap Hook-Face**  
Use with non-woven nylon discs.

## Non-Vacuum Pads

Pad Diameter	Part Number	Face	Nap	Thickness
5" (127 mm)	50630	Diamond	–	1/2" (13 mm)
	50605	Hook	Long	1/2" (13 mm)
6" (152 mm)	50632	Diamond	–	1/2" (13 mm)
	50606	Hook	Long	1/2" (13 mm)



## Vacuum Pads

Pad Diameter	Part Number	Face	Nap	Holes	Thickness
5" (127 mm)	50631	Diamond	–	5	1/2" (13 mm)
	50695	Post Pattern	–	5	1/2" (13 mm)
	50607	Hook	Long	5	1/2" (13 mm)
6" (152 mm)	50633	Diamond	–	6	1/2" (13 mm)
	50696	Post Pattern	–	6	1/2" (13 mm)
	50610	Hook	Long	6	1/2" (13 mm)



## ACCESSORIES

# Random Orbital and Gear-Driven Sanding Pads

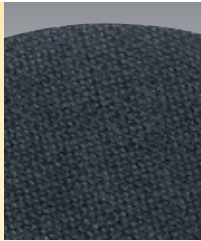
**Premium Foam Pads for Large Diameter Sanders - For use on Both Non-Vacuum and Vacuum Models**

3,000 RPM maximum operating speed • Mounts with five screws • Five holes • Medium density



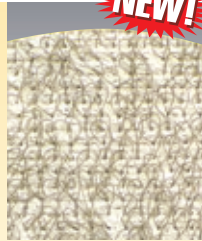
### Vinyl-Face Pads

Ideal for PSA-type disc adhesion. Remove abrasive adhesive paper liner and press abrasive to vinyl-face sanding pad. Quick disc removal.



### Hook-Face Pads

Short nap pads for use with reattachable discs.



### Loop-Face Pads

Pads accept 3M™ Hookit™ II abrasives.



### Non-Vacuum/Vacuum Pads



Pad Diameter	Part Number	Face	Nap	Thickness
11" (279 mm)	56230	Vinyl	–	1/2" (13 mm)
	56231	Hook	Short	1/2" (13 mm)
	56232	Loop	–	1/2" (13 mm)



## Pad Conversions

### Hook-to-Hookit™ II

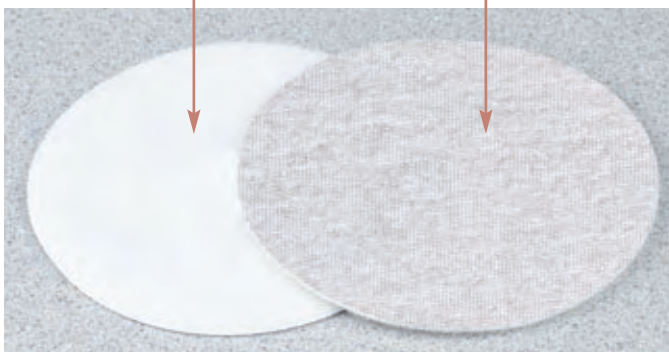
For use with 11" (279 mm) diameter sanders

#### Part Number 56220

- Thin velcro-backed sheet attaches to standard hook-face pad and accepts Hookit™ II abrasives.
- For non-vacuum use only.

Standard loop material attaches to standard hook-face sanding pad

Loop-face for Hookit™ II abrasives



### Hook-to-Vinyl

Non-vacuum and vacuum use

- Thin velcro-backed sheet attaches to standard hook-face pad and accepts PSA-type abrasives.

Part No.	Diameter	
53992	5" (127 mm)	
53993	6" (152 mm)	



Loop material attaches to standard hook-face sanding pad



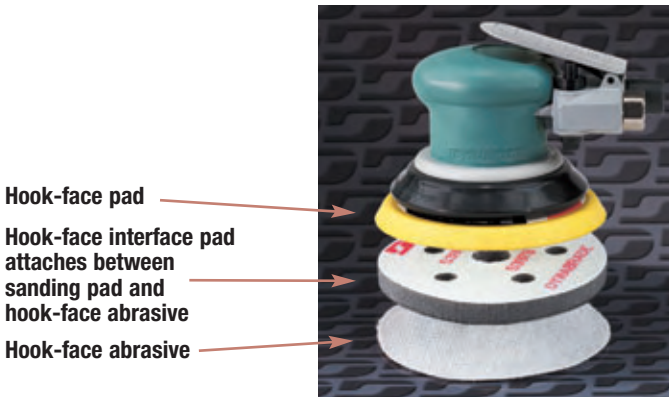
Premium vinyl-face for PSA-type abrasives



# Interface Pads

## Dynafoam Interface Pads

- Attaches between sanding pad and hook-face abrasive.
- Soft foam increases conformability allowing operator to easily follow contours. Converts standard pad into a fine finishing and finessing pad!
- Interface pad easily contours to most surfaces.



### For Random Orbital Sanders Non-Vacuum and Vacuum

Part No.	Diameter	
53974	3" (76 mm)	○
53976	3-1/2" (89 mm)	○
53978	5" (127 mm)	⊙
53980	6" (152 mm)	⊙
53982	8" (203 mm)	⊙

### For Dynafine® Detail Sanders

Part No.	Diameter	
53970	Tear Drop	◐
53972	Triangular	△

### For Dynaline and Dynabug Sanders

Part No.	Diameter	
53984	2-3/4" (70 mm) x 11" (278 mm) For the Dynaline	□
53986	2-3/4" (70 mm) x 8" (203 mm) For the Dynaline	□
53988	3-2/3" (93 mm) x 7" (178 mm) For the Dynaline and Dynabug	□

## Vinyl-to-Hook Conversions

- Thin sticky-back sheet adheres to current vinyl-face pad and accepts hook-face abrasives and hook-face interface pads.



### For Random Orbital Sanders Non-Vacuum and Vacuum

Part No.	Diameter	
53975	3" (76 mm)	○
53977	3-1/2" (89 mm)	○
53979	5" (127 mm)	⊙
53981	6" (152 mm)	⊙

### For Dynafine® Detail Sanders

Part No.	Diameter	
53971	Tear Drop	◐
53973	Triangular	△

### For Dynaline and Dynabug Sanders

Part No.	Diameter	
53985	2-3/4" (70 mm) x 11" (278 mm) For the Dynaline	□
53987	2-3/4" (70 mm) x 8" (203 mm) For the Dynaline	□
53989	3-2/3" (93 mm) x 7" (178 mm) For the Dynaline and Dynabug	□

# "O" Style Interface Pad

## Part Number 56220

- For use with Dynabrade's 11" (279 mm) Vacuum-Ready Random Orbital OR Gear-Driven Sanders.
- Attaches between sanding pad and hook-face abrasive.
- Soft foam increases conformability allowing operator to easily follow contours.
- Accepts vacuum ("O" Style) hook-face abrasive discs.



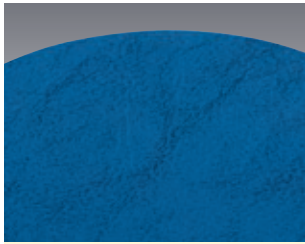
## ACCESSORIES

# Vinyl-Face Gear-Driven Sanding Pads

Premium Urethane • Medium Density • Perfectly Weight-Mated for Dynabrade Tools

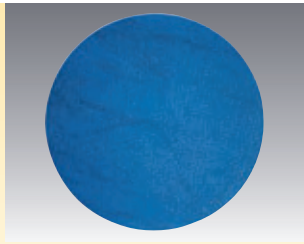
4 screw-mount system on model numbers 57306-57315 • 5 screw-mount system on model numbers 57441-58446

6 screw-mount system on original aluminum housing tool design



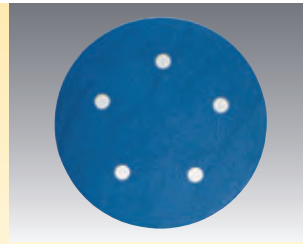
### Vinyl-Face Pads

Ideal for PSA-type disc adhesion. Remove abrasive adhesive paper liner and press abrasive to vinyl-face sanding pad. Quick disc removal.



### Non-Vacuum Pads

High quality back-up pad. Weight-mated for smooth running and minimal tool vibration.



### Vacuum Pads

Vacuum holes are precisely located to achieve proper alignment with abrasive discs for optimum vacuum capabilities.



### Channel Vacuum Pads

3 mm (1/8") deep recessed channel. No need to align vacuum holes to pad holes.

## Non-Vacuum Pads

Pad Diameter	Part Number	Max. RPM	Thickness	Screws
5" (127 mm)	57379	10,000	3/8" (10 mm)	6
	57761	12,000	3/8" (10 mm)	5
	57776	12,000	3/8" (10 mm)	4
6" (152 mm)	57762	12,000	3/8" (10 mm)	5
	57771	12,000	3/8" (10 mm)	4
	57380	10,000	3/8" (10 mm)	6
8" (203 mm)	56234	10,000	1/2" (13 mm)	5

## Vacuum Pads

Pad Diameter	Part Number	MOS RPM	Thickness	Holes	Screws
6" (152 mm)	57763	12,000	3/8" (10 mm)	6	5
	57381	10,000	3/8" (10 mm)	8	6
8" (203 mm)	56235	10,000	1/2" (13 mm)	8	5

## Channel Vacuum Pad

Pad Diameter	Part Number	Max. RPM	Thickness	Holes	Screws
6" (152 mm)	57772	12,000	3/8" (10 mm)	6	4



# Rubber Gear-Driven Sanding Pads

- Rubber pads for the economy-minded professional.
- Hook-face pads mount with five screws.
- 1,500 RPM maximum operating speed, medium density.



## Non-Vacuum Pads

Pad Diameter	Part Number	Holes	Nap	Thickness
8" (203 mm)	54332	0	Long	1/2" (13 mm)
	54335	0	Short	1/2" (13 mm)

## Vacuum Pads

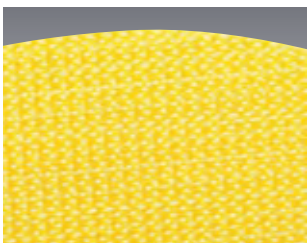
Pad Diameter	Part Number	Holes	Nap	Thickness
8" (203 mm)	54333	8	Long	1/2" (13 mm)
	54336	8	Short	1/2" (13 mm)



# Hook-Face Gear-Driven Sanding Pads

Premium Urethane • Medium Density • Perfectly Weight-Mated for Dynabrade Tools

4 screw-mount system on model numbers 57306-57315 • 5 screw-mount system on model numbers 57441-58446  
6 screw-mount system on original aluminum housing tool design



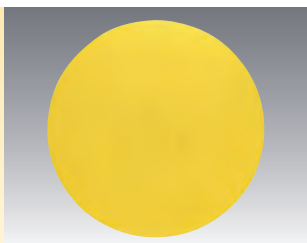
### Hook-Face Pads

Short nap pads for use with reattachable discs.



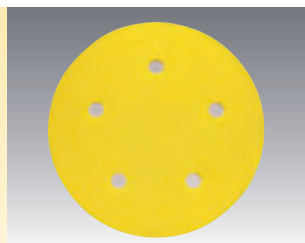
### Non-Vacuum Pads

Pad Diameter	Part Number	Max. RPM	Thickness	Screws
5" (127 mm)	57386	10,000	3/8" (10 mm)	6
	57760	12,000	3/8" (10 mm)	5
	57770	12,000	3/8" (10 mm)	4
6" (152 mm)	57773	12,000	3/8" (10 mm)	4
	57387	10,000	3/8" (10 mm)	6
	57764	12,000	3/8" (10 mm)	5
8" (203 mm)	56236	10,000	1/2" (13 mm)	5



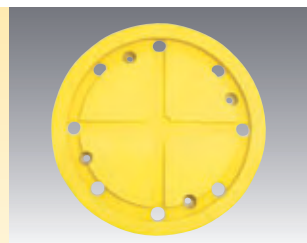
### Non-Vacuum Pads

High quality back-up pad. Weight-mated for smooth running and minimal tool vibration.



### Vacuum Pads

Vacuum holes are precisely located to achieve proper alignment with abrasive discs for optimum vacuum capabilities.



### Channel Vacuum Pads

3 mm (1/8") deep recessed channel. No need to align vacuum holes to pad holes.



### Vacuum Pads

Pad Diameter	Part Number	Max. RPM	Thickness	Holes	Screws
6" (152 mm)	57775	12,000	3/8" (10 mm)	6	4
	57388	10,000	3/8" (10 mm)	8	6
	57765	12,000	3/8" (10 mm)	6	5
8" (203 mm)	56237	10,000	1/2" (13 mm)	8	5



### Channel Vacuum Pads

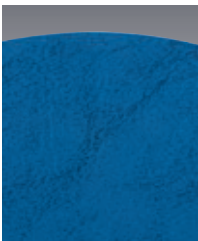
Pad Diameter	Part Number	Max. RPM	Thickness	Holes	Screws
6" (152 mm)	57774	12,000	3/8" (10 mm)	8	4
	57766	12,000	3/8" (10 mm)	8	5



# Wet Dynafine® Sanding Pads

3/8" (10 mm) Thick, Medium Density Pads

Pads mount with two screws



### Vinyl-Face Pads

Ideal for PSA-type disc adhesion. Remove abrasive adhesive paper liner and press abrasive to vinyl-face sanding pad.



### Hook-Face Pads

Short nap pads for use with reattachable discs.



### Loop-Face Pads

Pads accept 3M™ Hookit™ II abrasives.



### Round Non-Vacuum Pads

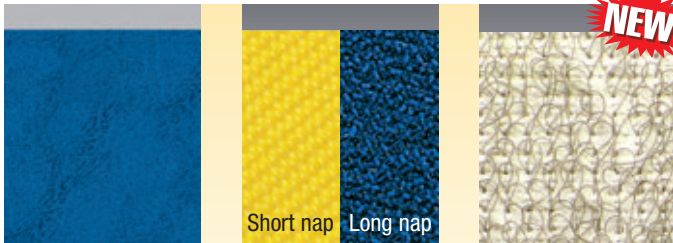
Pad Dimensions	Part Number	Face	Nap
2" (51 mm) Dia.	58025	Loop <b>NEW!</b>	–
	58030	Vinyl	–
	58031	Hook	Short
3" (76 mm) Dia.	58026	Loop <b>NEW!</b>	–
	58032	Vinyl	–
	58033	Hook	Short

# Dynafine® Sanding Pads



**3/8" (10 mm) Thick, Medium Density Pads**

Fit all Dynafine® sanders • Pads mount with two screws



### Vinyl-Face Pads

Ideal for PSA-type disc adhesion. Remove abrasive adhesive paper liner and press abrasive to vinyl-face sanding pad. Quick disc removal.

### Hook-Face Pads

Short nap pads for use with reattachable discs.

Long nap pads for use with non-woven nylon discs.

### Loop-Face Pads

Pads accept 3M™ Hookit™ II abrasives.



### Round Non-Vacuum Pads

Pad Dimensions	Part Number	Face	Nap
2" (51 mm) Dia.	58025	Loop	–
3" (76 mm) Dia.	58026	Loop	–

### Triangular Non-Vacuum Pads

Pad Dimensions	Part Number	Face	Nap
2-7/8" (73 mm) x 3-1/8" (79 mm)	57950	Vinyl	–
	57951	Hook	Short
	57955	Hook	Long

### Tear Drop Non-Vacuum Pads

Pad Dimensions	Part Number	Face	Nap
3-3/4" (95 mm) x 2-3/8" (60 mm)	57952	Vinyl	–
	57953	Hook	Short
	57954	Hook	Long

### Raised Panel Non-Vacuum Pad

Pad Dimensions	Part Number	Face	Nap
4" (102 mm) x 3/4" (19 mm)	57956	Hook	Short

**NOTE:** If necessary, order Complete Raised Panel Pad Assembly, Part Number 98293 (includes pad, mounting plate and two screws)

# Dynafine® Backsplash Sanding Pads

**Excellent for Fabricating Solid Surface Covered Backsplashes**

Choose from radius and reverse radius pads



### Radius Non-Vacuum Pads

Radius Dimension		Part Number	Face
1/4" (6 mm)		58020	Vinyl
3/8" (10 mm)		58021	Vinyl
1/2" (13 mm)		58022	Vinyl
5/8" (16 mm)		58023	Vinyl

### Reverse Radius Non-Vacuum Pad

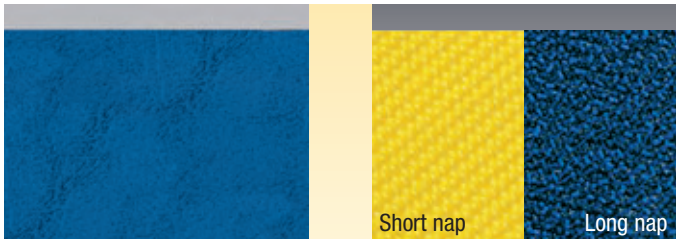
Radius Dimension		Part Number	Face
3/4" (19 mm)		58024	Vinyl



# 11" (278 mm) File Board Sanding Pads

3/8" (10 mm) Thick, Medium Density Pads

Pads mount with two screws



### Vinyl-Face Pads

Ideal for PSA-type disc adhesion. Remove abrasive adhesive paper liner and press abrasive to vinyl-face sanding pad. Quick disc removal.

### Hook-Face Pads

Short nap pads for use with reattachable discs.

Long nap pads for use with non-woven nylon discs.



### Non-Vacuum Pads

Pad Dimensions	Part Number	Face	Nap
2-3/4" (70 mm) x 11" (278 mm)	57511	Vinyl	-
	57513	Hook	Short
	57514	Hook	Long

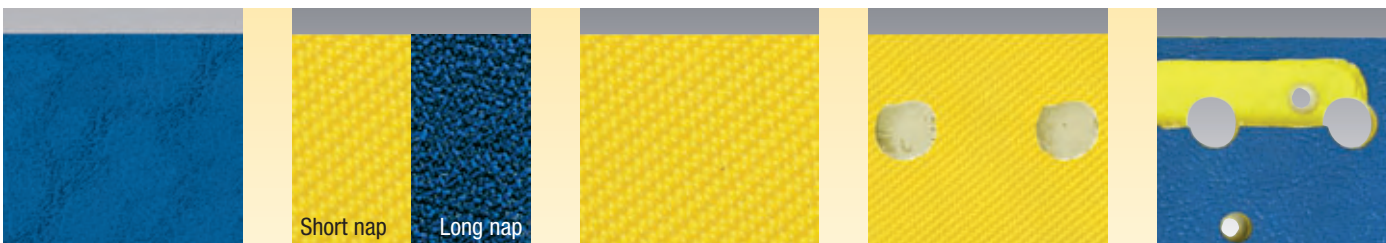
### Non-Vacuum Pad with Clips

Pad Dimensions	Part Number	Face	Nap
2-3/4" (70 mm) x 11" (278 mm)	57512	Vinyl	-

# Dynabug® Sanding Pads

3/8" (10 mm) Thick, Medium Density Pads

Pads mount with four screws



### Vinyl-Face Pads

Ideal for PSA-type disc adhesion. Remove abrasive adhesive paper liner and press abrasive to vinyl-face sanding pad. Quick disc removal.

### Hook-Face Pads

Short nap pads for use with reattachable discs.

Long nap pads for use with non-woven nylon discs.

### Non-Vacuum Pads

High quality back-up pad. Weight-mated for smooth running and minimal tool vibration.

### Vacuum Pads

Vacuum holes are precisely located to achieve proper alignment with abrasive discs for optimum vacuum capabilities.

### Channel Vacuum Pads

3 mm (1/8") deep recessed channel. No need to align vacuum holes to pad holes.



### Vacuum Pads

Pad Dimensions	Part Number	Face	Nap	Screws
3-2/3" (93 mm) x 7" (178 mm)	57855	Vinyl	-	4
	57856	Hook	Short	4

### Non-Vacuum Pads

Pad Dimensions	Part Number	Face	Nap	Screws
3-2/3" (93 mm) x 7" (178 mm)	57850	Vinyl	-	4
	57851	Hook	Short	4
	57852	Hook	Long	4

### Channel Vacuum Pads

Pad Dimensions	Part Number	Face	Nap	Screws
3-2/3" (93 mm) x 7" (178 mm)	57870	Vinyl	-	4
	57871	Hook	Short	4

## ACCESSORIES

# Dynabug® "Model T" Sanding Pads

Balanced and Weight-Mated to Dynabrade Tools

All pads: 20,000 RPM max. operating speed • All pads mount with four screws (except P/N 57999 - mounts with clips)

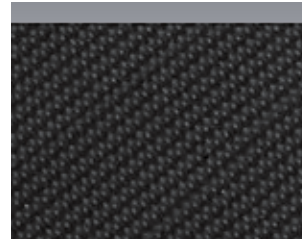
### Vinyl-Face Sanding Pads



#### Vinyl-Face Pads

Ideal for PSA-type disc adhesion. Remove abrasive adhesive paper liner and press abrasive to vinyl-face sanding pad. Quick disc removal.

### Hook-Face Sanding Pads



#### Hook-Face Pads

Short nap pads for use with reattachable discs.

### Non-Vacuum Pads

Pad Dimensions	Part Number	Thickness	Density
5" (127 mm) Dia.	56246	5/8" (16 mm)	Soft
	56249	3/8" (10 mm)	Medium
6" (152 mm) Dia.	56269	3/8" (10 mm)	Medium
	56287	5/8" (16 mm)	Soft
4" (102 mm) W x 4-5/16" (110 mm) L with Clips	57999	1/4" (6 mm)	Medium
4-1/4" (108 mm) W x 4-1/2" (114 mm) L	56244	3/8" (10 mm)	Medium
	56245	5/8" (16 mm)	Soft

### Non-Vacuum Pads

Pad Dimensions	Part Number	Thickness	Density
5" (127 mm) Dia.	56247	5/8" (16 mm)	Soft
	56248	3/8" (10 mm)	Medium
6" (152 mm) Dia.	56268	3/8" (10 mm)	Medium
	56288	5/8" (16 mm)	Soft
4-1/4" (108 mm) W x 4-1/2" (114 mm) L	57996	5/8" (16 mm)	Soft
	57998	3/8" (10 mm)	Medium

### Vacuum Pads

Pad Dimensions	Part Number	Holes	Thickness	Density
4-1/4" (108 mm) W x 4-1/2" (114 mm) L	56286	6	1/4" (6 mm)	Medium
	56291	6	3/8" (10 mm)	Medium
	56293	6	5/8" (16 mm)	Soft

### Vacuum Pads

Pad Dimensions	Part Number	Holes	Thickness	Density
5" (127 mm) Dia.	58086	5	13 mm (1/2")	Medium
6" (152 mm) Dia.	58093	6	13 mm (1/2")	Medium
4-1/4" (108 mm) W x 4-1/2" (114 mm) L	56292	6	3/8" (10 mm)	Medium
	56294	6	5/8" (16 mm)	Soft
	56285	6	5 mm (3/16")	Medium



# Wet Dynabug® "Model T" Sanding Pads

Hook-Face Balanced and Weight-Mated Sanding Pads

All pads: 20,000 RPM max. operating speed • All pads mount with four screws



#### Hook-Face Pads

Short nap pads for use with reattachable discs. Pads feature channels from vacuum holes to feed water through the sanding pad.

### Vacuum Pads

Pad Dimensions	Part Number	Holes	Thickness	Density
5" (127 mm) Dia.	58086	5	13 mm (1/2")	Medium
6" (152 mm) Dia.	58093	6	13 mm (1/2")	Medium



# Dynabug® II Sanding Pads

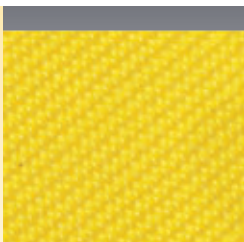
3/8" (10 mm) Thick, Medium Density Pads

Pads mount with four screws



### Vinyl-Face Pads

Ideal for PSA-type disc adhesion. Remove abrasive adhesive paper liner and press abrasive to vinyl-face sanding pad. Quick disc removal.



### Hook-Face Pads

Short nap pads for use with reattachable discs.



### Loop-Face Pads

Pads accept 3M™ Hookit™ II abrasives.



### Non-Vacuum Pads

High quality back-up pad. Weight-mated for smooth running and minimal tool vibration.



### Vacuum Pads

Vacuum holes are precisely located to achieve proper alignment with abrasive discs for optimum vacuum capabilities.



## Non-Vacuum Pads

Pad Dimensions	Part Number	Face
2-2/3" (68 mm) x 6-7/8" (175 mm)	56354	Vinyl
3" (74 mm) x 4-1/4" (109 mm)	56315	Hook
	56355	Vinyl
3-1/4" (80 mm) x 5" (130 mm)	56317	Hook
	56357	Vinyl
4-1/4" (108 mm) x 4-1/2" (114 mm)	56330	Vinyl
	56331	Hook

## Vacuum Pads

Pad Dimensions	Part Number	Vacuum Holes	Face
68 mm (2-3/4") x 196 mm (7-3/4")	56324	8	Loop <span style="color:red">NEW!</span>
3" (74 mm) x 4-1/4" (109 mm)	56316	8	Hook
	56356	8	Vinyl
3-1/4" (80 mm) x 130 mm (5")	56318	8 (4+4)	Hook
	56319	8	Hook
	56359	8	Vinyl
3-7/8" (99 mm) x 5-5/8" (143 mm)	56323	7 "Delta-Style"	Hook



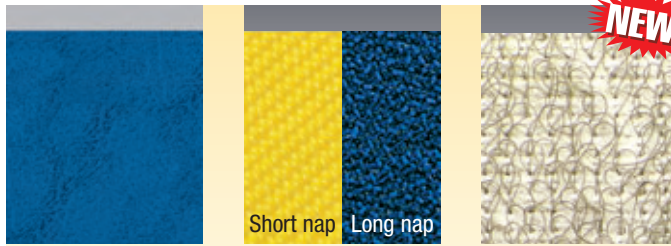
[www.dynabrade.com](http://www.dynabrade.com)

- New Easy-to-Use Interface
- Featured Products
- Application Solutions
- Expanded Product Support

# Dynaline Sanding Pads

3/8" (10 mm) Thick, Medium Density Pads

Pads mount with two screws



### Vinyl-Face Pads

Ideal for PSA-type disc adhesion. Remove abrasive adhesive paper liner and press abrasive to vinyl-face sanding pad. Quick disc removal.

### Hook-Face Pads

Short nap pads for use with reattachable discs.

Long nap pads for use with non-woven nylon discs.

### Loop-Face Pads

Pads accept 3M™ Hookit™ II abrasives.



## Non-Vacuum Pads

Pad Dimensions	Part Number	Face	Nap	Screws
2-3/4" (70 mm) x 8" (203 mm)	57454	Vinyl	–	2
	57456	Hook	Short	2
	57471	Hook	Long	2
3-2/3" (93 mm) x 7" (178 mm)	57850	Vinyl	–	2
	57851	Hook	Short	2
	57852	Hook	Long	2

## Vacuum Pads

Pad Dimensions	Part Number	Face	Nap	Vacuum Holes
2-3/4" (68 mm) x 7-3/4" (196 mm)	56324	Loop <sup>NEW!</sup>	–	8
		Vinyl	–	6
2-3/4" (70 mm) x 8" (203 mm)	57455	Vinyl	–	6
	57457	Hook	Short	6
3-2/3" (93 mm) x 7" (178 mm)	57855	Vinyl	–	10
	57856	Hook	Short	10

## Non-Vacuum Pad with Clips

Pad Dimensions	Part Number	Face	Nap	Screws
2-3/4" (70 mm) x 8" (203 mm)	57460*	Vinyl	–	2

## Channel Vacuum Pads

Pad Dimensions	Part Number	Face	Nap	Screws
3-2/3" (93 mm) x 7" (178 mm)	57870	Vinyl	–	4
	57871	Hook	Short	4

# Dynaline Contoured Sanding Pads

Premium Urethane, Medium Density Pads

Pads mount with two screws

### Specialty Pads

- Vinyl-face.
- Accept 2-3/4" (70 mm) wide x 8" (203 mm) long PSA abrasive sheets.

### Part Number 57458

- Backsplash pad.



### Part Number 57462

- "Bull-nose" pad.





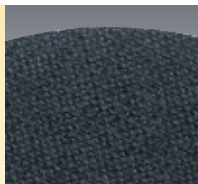
# Foam-Backed Sanding Pads

## Soft Density Sanding Pads



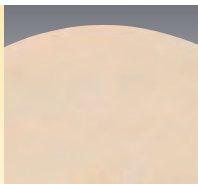
### Foam Backing

Soft, dual density bonded dual action pad for use on curved and contour surfaces.



### Hook-Face Pads

Short nap pads for use with reattachable discs.



### Rubber-Face

For use with PSA and screen abrasives.

### Non-Vacuum Pads

Pad Diameter	Part Number	MOS (RPM)	Face	Mounts with	Thickness
6" (152 mm)	50828	3,200	Rubber	5/8"-11 Female Thread	1-1/4" (32 mm)
8" (203 mm)	50829	3,200	Rubber	5/8"-11 Female Thread	1-1/4" (32 mm)
	54337	1,500	Hook	5 Screws	1" (25 mm)

**NOTE:** Part Number 54337 is weight-mated to Model 58445 (8" Gear-Driven Orbital Sander)

# Wet/Dry Sander Disc Pads

## Short Nap Hook-Face Pads

For Use With 127 mm - 203 mm Dia. Wet/Dry Sanders



### Urethane

Pads are long tapered with an extremely flexible edge for sanding contours.



### Rigid Backing

For finishing flat surfaces with non-woven nylon abrasive discs.



### Foam Backing

Soft, dual density bonded dual action pad for use on curved and contour surfaces.

### Non-Vacuum

Pad Diameter	Part Number	Type	MOS RPM	Thread
4"-5" (102-127 mm)	50146	Rigid	6,000	1/4"-20 Female
	50147	Rigid	6,000	3/8"-24 Female
5" (127 mm)	50155	Rigid	10,000	5/8"-11 Female
	50884	Rigid	10,000	M14 x 2
	57544	Urethane	4,800	5/8"-11 Female
6" (152 mm)	50946	Foam	3,200	5/8"-11 Female
	57545	Urethane	4,800	5/8"-11 Female
7-1/4" (184 mm)	50853	Foam	3,200	5/8"-11 Female
	50854	Foam	3,200	M14 x 2
8" (203 mm)	50947	Foam	3,200	5/8"-11 Female

# Mini-Dynorbital® Disc Pads

### Rigid and Foam Backing

- 3" (76 mm) dia. pads are compatible with angle-head and palm-style Mini-Dynorbital® sanders; Angle-Head Buffers.
- Hook-face pads accept reattachable abrasive discs as well as polishing buff pads.
- 5,000 RPM maximum.



### Foam Backing

Part Number	Thread Size
50120	1/4"-20 Female
50122	3/8"-24 Female



### Rigid Backing

Part Number	Thread Size
50125	1/4"-20 Female
50126	3/8"-24 Female

### Soft Urethane

- 3-1/2" (89 mm) pads have loop-facing to mount to rigid backing pads (P/N 50125 and P/N 50126).
- 5,000 RPM maximum.

### Soft Urethane

Part Number	Face
54486	Vinyl
54488	Hook



# Random Orbital Head Kit

**No More Swirls!**

Convert your standard rotary tool into a random orbital polisher

**Part Number 61374**  
5/8"-11 Female Thread

**Part Number 61375**  
M14x2 Female Thread

- Mount to tool motors up to 3,200 RPM.
- Kit includes:
  - Random Orbital Polishing Head
  - 50855 Hook-Face Backing Pad (7" [178 mm] diameter)
  - 90082 Natural Sheepskin Polishing Pad (7" [178 mm] diameter)
  - 50679 Wrench (26 mm), 95823 Wrench (21 mm) and 95281 Wrench (19 mm).



# Hook-Face Polishing Pads

For Use With Dynabuffers and Polishers



**Yellow Foam**

Cutting - foam cells are larger and further apart than White Foam cells making the action more aggressive.



**White Foam**

Polishing - foam cells are smaller and closer together than Yellow Foam cells making the action less aggressive.



**Orange Waffle Foam**

Use during compounding stage to remove swirl and haze marks.



**Terry Cloth**

Application and removal of waxes and polishes.



**Synthetic Wool**

Final finishing and polishing.



**Natural Sheepskin**

Final finishing and polishing; softer feel than synthetic wool.

## Non-Vacuum

Pad Diameter	Part Number	Description	Type	Color
3" (76 mm)	90027	Terry Cloth	Polishing	White
	90028	Synthetic Wool	Polishing	White
	90038	Foam Flat	Polishing	White
	90044	Foam Flat	Cutting	Yellow
	90080	Natural Sheepskin	Polishing	White
3-1/4" (83 mm)	90070	Foam Waffle	Polishing	Orange
3-1/2" (89 mm)	90034	Natural Sheepskin	Polishing	Tan
3-3/4" (95 mm)	90071	Foam Waffle	Polishing	Orange
5" (127 mm)	90036	Natural Sheepskin	Polishing	Tan
	90040	Foam Flat	Polishing	White
	90045	Foam Flat	Cutting	Yellow
	90081	Natural Sheepskin	Polishing	White
5-1/4" (133 mm)	90063	Foam Waffle	Polishing	Orange
6" (152 mm)	54330*	Foam Flat	Polishing	Yellow
	90046	Foam Flat	Cutting	Yellow
	90047	Foam Flat	Polishing	White
7" (178 mm)	90082	Natural Sheepskin	Polishing	White

\*NOTE: Part Number 54330 has 5/16"-24 male thread



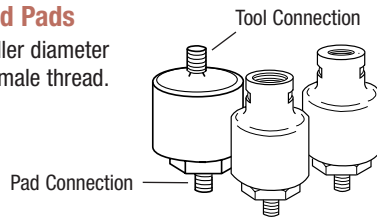


# Mini-Dynorbital Sanding Heads

*Greatly Enhance the Versatility of Your Mini-Dynorbital® Sander*

## For 1/4"-20 Female Thread Pads

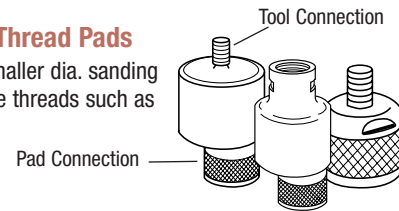
- Accepts 76 mm (3") and smaller diameter sanding pads with 1/4"-20 female thread.



Part Number	Tool Connection	Pad Connection
54028	1/4"-28 Male	1/4"-20 Male
54034	3/8"-24 Female	1/4"-20 Male
54476	1/4"-20 Female	1/4"-20 Male

## For Male Locking-Type Thread Pads

- Accepts 76 mm (3") and smaller dia. sanding pads with male locking-type threads such as 3M Roloc.



Part Number	Tool Connection	Pad Connection
54029	1/4"-28 Male	Locking-Type Female Thread
54035	3/8"-24 Female	Locking-Type Female Thread
54030*	1/4"-28 Male	Locking-Type Female Thread

\* For Rotary Sanding

Roloc is a registered trademark of 3M Company

# Mini-Dynorbital Sanding Pads

*Greatly Enhance the Versatility of Your Mini-Dynorbital® Sander*

## Hook-Face

- 7,500 RPM maximum.
- For use with reattachable discs.

P/N 54090



## Medium, Dual Density

- 12,000 RPM maximum.
- For wet sanding operations.
- 6 mm thick sponge, 60 durometer rubber.

P/N 54018



## Medium, Single Density

- 15,000 RPM maximum.
- For wet sanding operations.
- Single density, 8 mm thick sponge.

P/N 54084



## Soft Density

- 15,000 RPM maximum.
- 6 mm thick sponge, vinyl-face.

P/N 54088



## 19 mm (3/4") Dia. Sanding Pads

Part Number	Max. RPM	Material	Density	Face	Thread
54017	12,000	Foam	Medium	Rubber	1/4"-20 Female
54085	12,000	Foam	Very Soft	Vinyl	1/4"-20 Female
54087	15,000	Foam	Soft	Vinyl	1/4"-20 Female
54089	7,500	Nylon	Hard	Hook	1/4"-20 Female

**NOTE:** To mount pads that have 1/4"-20 female thread directly to tool for conventional rotary action, use 54021 Adapter

## 32 mm (1-1/4") Dia. Sanding Pads

Part Number	Max. RPM	Material	Density	Face	Thread
54018	12,000	Foam	Medium	Rubber	1/4"-20 Female
54031	5,000	Nylon	Soft	Vinyl	Locking-Type
54033	5,000	Nylon	Medium	Rubber	Locking-Type
54084	15,000	Urethane	Soft	Vinyl	1/4"-20 Female
54086	12,000	Foam	Very Soft	Vinyl	1/4"-20 Female
54088	15,000	Foam	Soft	Vinyl	1/4"-20 Female
54090	7,500	Nylon	Hard	Hook	1/4"-20 Female

**NOTE:** To mount pads that have 1/4"-20 female thread directly to tool for conventional rotary action, use 54021 Adapter

# Hanger

*For use with Right Angle Mini-Orbital Sanders*

**Hanger Attaches to Tool for Convenient Workplace Storage**

## Part Number 97161

- Optional lightweight hanger easily attaches to all of Dynabrade's Right Angle Mini-Orbital Sanders.



# Disc Sanding Pads and Assemblies

## Abrasive Discs and Buffing Accessories

Use Tool RPM and Abrasive Manufacturer's Maximum Operating Speed as your Guidelines for Compatibility

### For PSA-Type Discs

#### 2" (51 mm) Dia. Pads

- Easy application and removal of disc. Remove the disc's liner to reveal a pressure-sensitive adhesive coating. Peel the old disc off the pad and press on the new disc!



Pad Diameter	Part Number	Pad MOS RPM	Thread	Density
2" (51 mm)	50107	20,000	1/4"-20 Female	Medium
	50109	20,000	3/8"-24 Female	Medium

Use tool RPM and abrasive manufacturer's maximum operating speed as your guidelines for compatibility

### Disc Pad Assembly

#### Part Number 50111

#### 2" (51 mm) Dia. Pad

- Includes 50107 PSA Disc Pad and 50103 Pad Adapter (converts 1/4"-20 female thread to 1/4" dia. shank for use with collets and chucks).



## Fibre Disc Phenolic Backing Pad

#### 4-1/4" (108 mm) dia.

- Accepts slotted center hole abrasive discs.
- 5/8"-11 female thread.



Pad Diameter	Part Number	Pad MOS RPM	Thread	Density
4-1/4" (108 mm)	50267	25,000	5/8"-11 Female	Hard

### For Locking-Type Discs

#### 2" (51 mm), 3" (76 mm) and 4" (102 mm) Dia. Pads

- A quick turn of the disc locks it into place.
- 2" (51 mm) and 3" (76 mm) dia. pads include 50103 Pad Adapter to convert 1/4"-20 female thread to 1/4" dia. shank for use with collets and chucks.



Pad Diameter	Part Number	Pad MOS RPM	Thread	Density
2" (51 mm)	51344*	30,000	1/4"-20 Female	Medium
	51345	30,000	3/8"-24 Female	Medium
3" (76 mm)	51346*	20,000	1/4"-20 Female	Medium
	51347	20,000	3/8"-24 Female	Medium
4" (102 mm)	50191	12,000	3/8"-24 Female	Medium
	50192	12,000	3/8"-24 Female	Hard

\* Includes 50103 Pad Adapter to convert 1/4"-20 female thread to 1/4" dia. shank for use with collets and chucks



Use tool RPM and abrasive manufacturer's maximum operating speed as your guidelines for compatibility

## Disc Sander Backing Pads

#### 4-1/2" (114 mm), 5" (127 mm) and 7" (178 mm) dia.

- Accepts abrasive discs with 7/8" (22 mm) center hole.
- Fins help expel heat from disc pad extending disc life.
- Flange nut included.



Pad Diameter	Part Number	Pad MOS RPM	Thread	Density
4-1/2" (114 mm)	50288	13,000	5/8"-11 Female	Hard
	50289	13,000	3/8"-24 Female	Hard
	51148	13,000	5/8"-11 Female	Medium
	51149	13,000	3/8"-24 Female	Medium
5" (127 mm)	50296	12,000	5/8"-11 Female	Hard
	51150	12,000	5/8"-11 Female	Medium
7" (152 mm)	50297	8,500	5/8"-11 Female	Hard
	51151	8,500	5/8"-11 Female	Medium

# Pneumatic Wheels

## Inflatable Rubber Wheels

Conform to Contour of Work Surface

*Dynabrade pneumatic wheels are inflatable rubber wheels designed to run on various Dynabrade tools*

When fitted with an abrasive belt and inflated to the desired firmness, our pneumatic wheels are ideal for countless grinding and finishing applications.

Dynabrade pneumatic wheels support coated abrasive and non-woven nylon belts for use on metal, wood, plastic, ceramic, fiberglass and composites.

### Standard Wheels

- For general finishing jobs.
- 1/8" thick natural, 65 durometer rubber.



### Composite Hub

- Molded; lightweight design.
- Available with standard construction rubber wheels only.



### Heavy Duty Wheels

- When you need a more aggressive wheel for more stock removal.
- 1/4" thick natural, 65 durometer rubber.
- Extremely durable - when used properly wheel is very resistant to gouging.

### Heavy Duty Aluminum Hub

- Precision machined for balance run-out and thread quality.
- Easily replace rubber wheel.
- Available with both wheel construction types.



### Universal Arbor

- Pneumatic wheels with a universal arbor include three reducer bushings (1/2", 5/8", 3/4") to greatly increase the wheel compatibility.



# DynaWheel Pneumatic Wheels

## For Stock and Weld Removal



Heavy Duty Wheel for Variety of Applications

*DynaPump Air Pump Assembly Included with each DynaWheel and Dynacushion® Pneumatic Wheel*



**NOTE:** Speed of tool must not exceed maximum operating speed of accessory

	Dimensions Diameter x Width	Part Number	Hub Composition	Arbor Hole	Wheel Part Number	Wheel Type	Belt Size Width x Length	Maximum RPM	Recommended Dynabrade Tools
	5" x 1"	92921	Aluminum	5/8" - 11 Thread	92908	Heavy Duty	1" x 15-1/2"	4,500	13214, 13523
		92922	Composite	5/8" - 11 Thread					
		92923	Aluminum	Universal 1/2", 5/8" or 3/4" Bore					
		92924	Composite	Universal 1/2", 5/8" or 3/4" Bore					
	5" x 1-1/2"	92867	Aluminum	5/8"-11 Thread	92665	Heavy Duty	1-1/2" x 15-1/2"	4,500	13214, 13523
		92868	Composite	5/8"-11 Thread					
		92928	Aluminum	Universal 1/2", 5/8" or 3/4" Bore					
		92929	Composite	Universal 1/2", 5/8" or 3/4" Bore					
	5" x 2"	92931	Aluminum	5/8"-11 Thread	92666	Heavy Duty	2" x 15-1/2"	4,500	13214, 13523
		92932	Composite	5/8"-11 Thread					
		92933	Aluminum	Universal 1/2", 5/8" or 3/4" Bore					
		92934	Composite	Universal 1/2", 5/8" or 3/4" Bore					



## ACCESSORIES

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# Dynacushion® Pneumatic Wheels

## For Finishing and Blending

Conform to Contour of Work Surface

### Air Pump Assembly

Part Number 98091

- Easy slide pump; no compressor needed.



*Included with each DynaWheel and Dynacushion® Pneumatic Wheel*

**NOTE:** Speed of tool must not exceed maximum operating speed of accessory

	Dimensions Dia. x W	Part No.	Hub Composition	Arbor Hole	Wheel Part No.	Wheel Type	Belt Size W x L	Max. RPM	Recommended Dynabrade Tools
	2-1/4" x 3"	92858	Aluminum	1/2"-13 Thread	94433	Standard	3" x 7-3/8"	9,000	Not applicable
		94432		5/8"-11 Thread					13204, 13505, 13509, 13515, 13519, 13520
	3" x 2-1/4"	92846	Aluminum	1/2"-13 Thread	92643	Standard	2-1/4" x 9-3/4"	7,000	Not applicable
		92847		5/8"-11 Thread					13204/205/209, 13515/519/520
		92848		1/2"-13 Thread	92644	Heavy Duty			Not applicable
		92849		5/8"-11 Thread					13204/205/209, 13515/519/520
	3-1/4" x 3"	92824	Aluminum	1/2"-13 Thread	92646	Standard	3" x 10-11/16"	7,000	Not applicable
		92825		5/8"-11 Thread					13204, 13505, 13515, 13520
		92827		1/2"-13 Thread	92647	Heavy Duty			Not applicable
		92828	5/8"-11 Thread	13204, 13505, 13515, 13520					
		94507	Composite	5/8" Bore	94500	Standard			13101/102, 13202/205/207, 13300, 13503/506/508/516/518
		94508		5/8"-11 Thread					13204, 13505, 13515, 13520
	90 mm x 100 mm	94495	Composite	3/4" Bore w/ Key Slot	94480	Standard	100 mm x 289 mm	7,000	13401, 13450
		92863	Aluminum	19 mm w/ 6 mm Slot					92651
	3-1/4" x 7"	94434	Aluminum	5/8"-11 Thread	94435	Standard	7" x 10-11/16"	3,600	58050
	5" x 2-3/4"	92811	Aluminum	5/8"-11 Thread	94482	Standard	2-3/4" x 15-1/2"	3,500	13204, 13505/515/521/531
		94492	Composite	5/8"-11 Thread					5/8": 13206/507
		92935	Aluminum	Universal 1/2", 5/8" or 3/4" Bore					5/8": 13207/508
		92936	Composite	Universal 1/2", 5/8" or 3/4" Bore					
	5" x 3-1/2"	92801	Aluminum	5/8"-11 Thread	94481	Standard	3-1/2" x 15-1/2"	3,500	13204, 13505, 13515, 13521, 13531
		94472	Composite	5/8"-11 Thread					92656
		92805	Aluminum	M14 x 2 Thread	94481	Standard			1/2": 13206/507
		92937	Aluminum	Universal 1/2", 5/8" or 3/4" Bore					5/8": 13207/508
		92938	Composite	Universal 1/2", 5/8" or 3/4" Bore					
	8-1/4" x 9"	94450	Aluminum	1-1/4"	94451	Standard	9" x 26-5/16"	1,800	Not applicable

# Dynacushion® Inflation Devices and Accessories

## Wheel Inflation Tool

### Part Number 94465

- Controlled inflation for valve assemblies that are flush with the hub surface.
- 1/4" female NPT.
- 95633 Nozzle replacement available.



## Low Pressure Air Chuck

### Part Number 98130

- Controlled inflation for hard-to-reach valve assemblies.
- 1/4" female NPT.



## Dynastraight® Wheel Shields

### Part Number 13032

- For wheels up to 8" dia. x 2" wide.
- Built-in handle.



### Part Number 13033

- For wheels up to 5" diameter.
- Built-in handle.



## Dynacushion® Pneumatic Wheel Kits

### Part Number 94478

- Includes: 94473 Dynacushion® Pneumatic Wheel (5" dia. x 3-1/2" wide, composite hub, 3/4" bore), coarse 3M™ ScotchBrite™ belt and 80-grit Dynacut belt.



### Part Number 94479

- Includes: 94472 Dynacushion® Pneumatic Wheel (5" dia. x 3-1/2" wide, composite hub, 5/8"-11 thread), coarse 3M™ ScotchBrite™ belt and 80-grit Dynacut belt.



# Slotted Wheels

## Grind, Deburr and Blend on all Metals

Centrifugal Force Expands the Wheel to Grip the Abrasive

- One-piece construction.
- Slots provide air flow that enables the wheel to run cooler than solid rubber.
- 65 durometer natural rubber with 1/4" cold rolled steel shank for excellent concentricity.
- Specially designed for use with spiral bands.



	Dimensions Diameter x Width	Part Number	Band Size Width x Length	Maximum RPM	Recommended Dynabrade Tools
	1" x 1"	92910	1" x 1"	10,000-12,000	52666, 52676
	1" x 1-1/2"	92911	1" x 1-1/2"		
	1" x 2"	92912	1" x 2"		
	1-1/2" x 1"	92913	1-1/2" x 1"	6,000-10,000	52664, 52674, 52665, 52685
	1-1/2" x 1-1/2"	92914	1-1/2" x 1-1/2"		
	1-1/2" x 2"	92915	1-1/2" x 2"		
	2" x 1"	92916	2" x 1"	4,500-7,500	51202, 51212, 52102, 52663, 52673, 52664, 52674
	2" x 1-1/2"	92917	2" x 1-1/2"		
	2" x 2"	92918	2" x 2"		

# Dynaflex Expander Wheels

## Grind, Deburr and Blend on all Metals

Excellent for Weld Removal and Heavy Deburring or Grinding on the Inside of Pipes and Tanks

- Expander wheels expand as they rotate. The simplest, most cost-effective method for holding abrasives on a back-up wheel.
- Air flow behind the flexer enables the wheel to run cooler than solid rubber.
- Features added flexibility so the wheel cuts fast, but won't gouge.
- Expander wheels use abrasive bands. Bands are an abrasive belt with a liner on the inside for more durability and cutting action.
- Use with our Dynastraight® line of portable tools.
- Ideal for heavy duty applications; grinding, deburring, and rough blending of all metals.
- Coated alumina zirconia and non-woven nylon abrasive bands are available for heavy stock removal and finishing.



**ADDITIONAL SPECIFICATIONS:** Arbor Length = wheel width + 1/2"

**NOTE:** Speed of tool must not exceed maximum operating speed of accessory

	Dimensions Dia. x Width	Part Number	Arbor Hole	Replacement Hub	Replacement Flexer	Band Size Dia. x Width	Maximum RPM	Recommended Dynabrade Tools
	3" x 1"	94560	5/8"-11 Female	97252	94578	3" x 1"	4,500	13509, 13519, 13520
	3" x 2"	94561		97256	94579	3" x 2"		
	3" x 3"	92875		97258	97280	3" x 3"		
	5" x 1"	94564	5/8"-11 Female	97270	94580	5" x 1"	3,400-4,500	13204, 13505, 13515, 13520
	5" x 2"	94565		97274	94581	5" x 2"		

# DynaZip Wheels and Hub Assembly

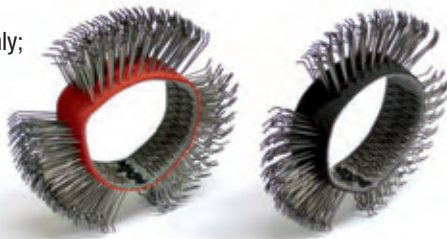
## For Use with DynaZip Surface Preparation Tool

Allows Efficient Surface Preparation and Decal Removal

### 4" (102 mm) Diameter Wire Wheels

- All wire wheels have band width of 3/4" (19 mm).

**NOTE:** Wire wheels only; no hub included.

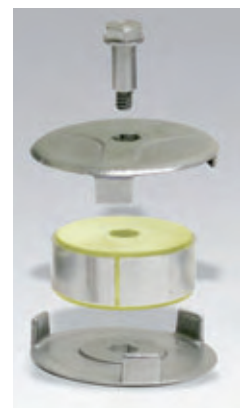


Bristle Width	Part No.	Grade	Band	Tip Type
1/2" (13 mm)	92244	Coarse	Black	Bent
3/4" (19 mm)	92245	Coarse	Red	Bent

### Wheel Hub Assembly

**Part Number 92284**

- Assembly accepts both wire wheels and eraser wheels.



### Decal Removal Wheels

**92255 Eraser Wheel**

- Eraser wheel only; no hub included.



**92257 Eraser Wheel with Hub**

- 92255 Eraser Wheel with mated 92284 Wheel Hub Assembly.





# Arbors

*Use to Mount Abrasive Wheels, Discs, Pneumatic Wheels, etc.*

**Use Dynabrade arbors to mount abrasive wheels, discs, stars and other accessories to male spindle tools**

For use with many Dynabrade and other manufacturers' portable tools and bench grinders. Mount abrasive wheels, discs, pneumatic wheels, sanding stars and other accessories to 3/8"-24, 1/2"-20 or 5/8"-11 male spindle tools by using the combination of spacers and flanges that suits your application.

**Part Number 13074**

**Arbor Kit**

- Mounts to 3/8"-24, 1/2"-20 AND 5/8"-11 male spindle sizes; also accepts any Dynacushion® or accessory which has 5/8" bore from 1/2" to 3" wide in 1/2" increments.



**NOTE:** Speed of tool must not exceed maximum operating speed of accessory

Tool Spindle	Part Number	Image	Arbor Thread	Arbor Bore	Wheel Width
3/8"-24 Male	13061		-	5/8" 1"	Up to 2-1/2"
	13074		-	5/8" 1"	Up to 3"
1/2"-20 Male	13014		-	14 mm	Up to 51 mm
	13016		-	1/2"	Up to 2"
	13017		-	5/8"	Up to 2"
	13071		-	5/8" 1"	Up to 3"
	13074		-	5/8" 1"	Up to 3"
	13015		5/8"-11 Male	-	3-1/2"
	5/8"-11 Male	13073		-	5/8" 1"
13074			-	5/8" 1"	Up to 3"

# Arbors

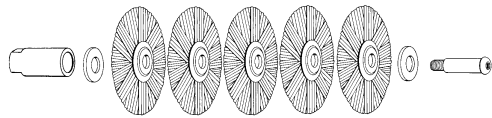
*Use to Mount Abrasive Wheels, Discs, Pneumatic Wheels, etc.*

## Suggested Mounting Options for Arbor Mount Sanding Stars

The spacing of stars on the arbor, as well as the grit, determine desired sanding aggressiveness. We suggest that the operator explore various grit and spacing combinations based on the following guidelines.

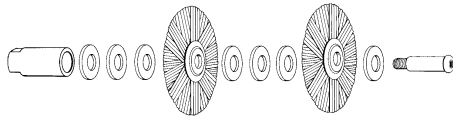
### Most Aggressive/Less Flexible

Six stars, one spacer. For heavier stock removal; work on flats, edges, larger surface areas, great for defuzzing hard woods.



### Least Aggressive/Most Flexible

Two stars, up to ten spacers. For light stock removal reaching into small holes, cut-outs, heavy contours, tight grooves; great for defuzzing soft woods.



## "Universal" Shank Arbor

- Handy accessory fits drills and die grinders!
- Mount sanding stars, flap wheels, unitized wheels, non-woven nylon wheels, buffs, etc.
- High quality steel arbor; all flanges and spacers included.

### Part Number 12995 Arbor – 1/4" Shank

### Part Number 12977 Arbor – 6 mm Shank

- Both arbors accept accessories up to 1" (25 mm) wide which have 1/2" (13 mm) dia. center hole.

### Part Number 12980 Arbor – 3/8"-24 Female Thread

- Mounts to 3/8"-24 male spindle tools.



# Threaded Mandrels

*For Use with 3M™ Clean 'N Strip™ Discs*

## Part Number 95722

- 1/4" diameter with 1/4" shank.
- For 3M™ Clean 'N Strip™ discs.



## Part Number 95749

- 1/2" diameter with 1/4" shank.
- For 3M™ Clean 'N Strip™ discs.



*Clean 'N Strip is a registered trademark of 3M Company*

# Disc Mount Assembly

## Part Number 50263

*4-1/2"-5" (114-127 mm) Dia. Discs*

- 50264 Mount and 50268 Flange Nut have 5/8"-11 thread.
- Accepts discs with center hole.
- 1-3/4" (44 mm) diameter mount allows for maximum disc flexibility.



# Drill Chucks

*With Mated Keys*

**Keys Included with all Drill Chucks**



Chuck Size	Thread	Chuck Part No.	Key Part No.
5/32"	5/16"-24 Female	53031	53051
1/4"	3/8"-24 Female	53032	53052
3/8"	1/2"-20 Female	53033	53053
	3/8"-24 Female	53087	53053
1/2"	1/2"-20 Female	53034	53054

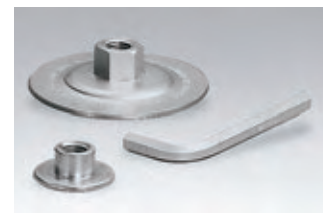
# Wheel Mounting Adapter Kit

## Part Number 11399

*Type 27 Wheel Mount*

- For use with larger than 5" (127 mm) dia. Type 27 grinding wheels mounted on depressed center wheel grinders.




**NOTE:** Use only Type 27 reinforced depressed center wheels.



# Threaded Adapters

## NPT Threaded Adapters

*User assumes all responsibility for using adapters safely*

	Part Number	Exposed Threads	Length	Wrench Flats
 95713	95713	1/4" NPT Female – 1/8" NPT Male	25 mm (1")	–
 95714	95714	3/8" NPT Female – 1/4" NPT Male	32 mm (1-1/4")	–
 95394	95394	1/2" NPT Female – 3/8" NPT Male	44 mm (1-3/4")	–

## Collet-to-Thread Adapters

*User assumes all responsibility for using adapters safely*

	Part Number	Exposed Threads	Shank Dia.	Length	Wrench Flats
 50103	50103	1/4" Shank – 1/4"-20 Male	1/4"	32 mm (1-1/4")	11 mm
 51032	51032	1/4" Shank – 1/4"-20 Female	1/4"	38 mm (1-1/2")	–

## Threaded Adapters

*User assumes all responsibility for using adapters safely*

	Part Number	Exposed Threads	Length	Wrench Flats
 04117	04117	M x 8 Female – 3/8"-24 Male	19 mm (3/4")	12 mm
 18908	18908	M x 8 Female – 3/8"-24 Male	35 mm (1-3/8")	11 mm
 54021	54021	1/4"-28 Male – 1/4"-20 Male	30 mm (1-3/16")	14 mm
 53181	53181	3/8"-24 Male – 1/2"-20 Male	25 mm (1")	19 mm
 50149	50149	3/8"-24 Female – M14 x 2 Male	25 mm (1")	19 mm
 50106	50106	3/8"-24 Female – 1/4"-20 Male	27 mm (1-1/16")	14 mm
 42636	42636	3/8"-24 Female – 3/8"-24 Male	25 mm (1")	9 mm
 93696	93696	3/8"-24 Female – 3/8"-24 Male	25 mm (1")	17 mm
 97103	97103	3/8"-24 Female – 1/2"-20 Male	51 mm (2")	16 mm
 53549	53549	3/8"-24 Female – 1/2"-20 Male	51 mm (2")	16 mm
 55064	55064	3/8"-24 Female – 5/8"-11 Male	25 mm (1")	17 mm
 55034	55034	3/8"-24 Female – 5/8"-11 Male	35 mm (1-3/8")	17 mm
 53652	53652	3/8"-24 Female – 5/8"-11 Male	38 mm (1-1/2")	24 mm
 98050	98050	3/8"-24 Female – 5/8"-11 Male	51 mm (2")	3/4"
 98085	98085	3/8"-24 Female – 5/8"-11 Male	64 mm (2-1/2")	3/4"
 51029	51029	3/8"-24 Female – 1/4"-20 Female	38 mm (1-1/2")	16 mm
 54039	54039	3/8"-24 Female – 5/16"-24 Female	25 mm (1")	17 mm
 14081	14081	1/2"-20 Female – 5/8"-11 Male	44 mm (1-3/4")	19 mm
 54040	54040	5/8"-11 Female – 5/16"-24 Female	41 mm (1-5/8")	19 mm
 58058	58058	5/8"-11 Female – 5/8"-11 Male	51 mm (2")	19 mm
 13060	13060	5/8"-11 Female – 5/8"-11 Male	102 mm (4")	19 mm







# ACCESSORIES

## Drop-In Motors (Cont'd)

Reduce Costly Downtime Associated With Routine Maintenance

For Models not Listed, Please Contact Customer Service



Model No.	Drop-In Motor	Model No.	Drop-In Motor	Model No.	Drop-In Motor	Model No.	Drop-In Motor	Model No.	Drop-In Motor	Model No.	Drop-In Motor	Model No.	Drop-In Motor
51410	53408	52206	01390	52290	01717	52510	01393	52673	01904	53076	53407	58420	56488
51411	53408	52207	01390	52291	01717	52512	01393	52674	01903	53077	53407	58430	56485
51412	53409	52210	01044	52292	01717	52515	02087	52675	01902	53078	53406	58431	56485
51415	53408	52211	01044	52293	01717	52516	02087	52676	01902	53079	53407	58434	56485
51420	53408	52212	01044	52294	01717	52518	02089	52677	01902	53080	01136	58435	56486
51425	53409	52213	01044	52295	01717	52520	02030	52678	01902	53081	01184	58436	56486
51430	53408	52216	01030	52296	01717	52521	02050	52679	01902	53090	55059	58439	56486
51450	01136	52217	01030	52297	01717	52522	02051	52680	01904	53091	55059	58441	56484
51451	01184	52218	01030	52298	01717	52523	02030	52681	01888	53095	55059	58442	56484
51454	01136	52219	01030	52299	01717	52524	02050	52682	01888	53096	55056	58443	56484
51455	01184	52220	01044	52315	02030	52525	02051	52683	01187	53110	53169	58444	56484
51460	53408	52221	01044	52316	02050	52530	02030	52684	01886	53111	53169	58445	56484
51461	53408	52222	01044	52317	02051	52531	02050	52685	01908	53200	53408	58446	56484
51470	53169	52223	01044	52318	02030	52532	02051	52686	01908	53210	53409	58450	56480
51472	53169	52224	01717	52319	02050	52533	02030	52687	01908	53400	53406	58455	56480
51474	53169	52225	01717	52320	02051	52534	02050	52688	01908	53401	53406	57126	51365
51476	53169	52226	01717	52325	01391	52535	02051	52689	01908	53402	53406	57127	02093
51479	53169	52227	01717	52326	01391	52540	02030	52700	01711	53403	53406	57135	02093
51482	53169	52230	01390	52327	01391	52541	02050	52702	01711	53410	53406	57201	04135
51600	53169	52231	01391	52328	01391	52542	02051	52705	02050	53415	53407	57202	04135
51601	53169	52232	01390	52331	01390	52543	02030	52710	02030	53417	53407	57203	04135
51602	53169	52233	01391	52333	01390	52544	02050	52711	02050	53420	53406	57204	04135
51603	53169	52240	01711	52335	01390	52545	02051	52712	02051	53425	53407	57210	04134
51604	53169	52241	01711	52337	01390	52550	02030	52715	01889	53430	53406	57211	04134
51605	53169	52242	01711	52341	01391	52551	02050	52716	01889	53435	53407	57212	04134
51800	02030	52243	01711	52345	01391	52552	02051	52717	01889	53440	53406	57213	04134
51801	02050	52244	01711	52351	01712	52553	02030	52718	01889	53460	53407	57214	04134
51802	02051	52245	01711	52373	01894	52554	02050	52719	01902	53501	01127	57306	57747
51803	02030	52246	01717	52374	01894	52555	02051	52720	01902	53502	01127	57310	57747
51804	02050	52247	01711	52376	01902	52557	02093	52721	01902	53506	01127	57314	57747
51805	02051	52248	01711	52377	01902	52558	02093	52722	01902	53507	01127	57315	57747
51820	02030	52249	01711	52378	01902	52560	01902	52725	01904	53510	01127	57600	04133
51821	02050	52250	01390	52379	01902	52561	01902	52726	01904	53511	01127	57601	04133
51822	02051	52251	01390	52380	01902	52562	01902	52730	01902	53512	01127	57602	04133
51823	02030	52252	01390	52390	01132	52563	01902	52731	01902	53513	01127	57603	04133
51824	02050	52253	01390	52391	01132	52564	01902	52732	01902	53514	01127	57604	04133
51825	02051	52254	01711	52392	01132	52565	01902	52733	01902	58400	56481	57700	57747
51827	02030	52256	01712	52400	01132	52566	01902	52734	01902	58401	56481	57704	57747
51828	02050	52257	01712	52401	01132	52567	01902	52735	01902	58404	56481	57900	53412
51829	02051	52258	01712	52402	01132	52573	01893	53037	01198	58405	56482	57902	53412
51830	02030	52260	01044	52403	01132	52574	01893	53046	02030	58406	56482	57910	53412
51831	02050	52261	01044	52404	01132	52575	01893	53047	02050	58409	56482	57930	53412
51832	02051	52262	01044	52405	01132	52576	01902	53048	02051	58410	56483	57935	53412
51833	02030	52263	01044	52410	01711	52577	01902	53060	55057	58411	56483	58000	53412
51834	02050	52264	01712	52411	01711	52578	01902	53070	53408	58414	56483	58010	53412
51835	02051	52265	01712	52412	01711	52579	01902	53071	53409	58415	56487	58050	53408
51846	02030	52266	01712	52413	01711	52580	01902	53072	53409	58416	56487		
51847	02050	52267	01013	52414	01711	52581	01902	53073	53408	58417	56487		
51848	02051	52268	01030	52415	01711	52590	54807	53074	53409	58418	56488		
52050	53406	52269	01030	52420	02218	52600	01030	53075	53406	58419	56488		
52051	53406	52270	01030	52421	02218	52601	01030						
52052	53406	52272	01030	52424	01711	52602	01030						
52053	53406	52273	01030	52425	01711	52604	01030						
52060	53407	52274	01030	52426	01711	52605	01030						
52061	53407	52275	01030	52430	02216	52610	01711						
52062	53407	52276	01713	52431	02216	52611	01711						
52100	53170	52277	01713	52432	02216	52612	01711						
52101	53169	52278	01713	52433	02216	52620	54959						
52102	53170	52279	01717	52434	01843	52625	54957						
52103	53170	52280	02093	52435	02219	52660	01904						
52104	53169	52281	01713	52436	01711	52661	01888						
52105	53170	52282	01713	52450	52440	52662	01888						
52196	54807	52283	01713	52451	52440	52663	01887						
52200	01390	52284	01711	52452	52440	52665	01908						
52201	01391	52285	01711	52453	52440	52666	01908						
52202	01390	52286	01711	52454	52440	52667	01908						
52203	01391	52287	01711	52500	01392	52668	01908						
52204	01390	52288	01717	52502	01393	52669	01908						
52205	01390	52289	01717	52503	01392	52672	01905						



### Drop-In Motor Ten Packs

For use with Dynorbital-Spirit® Sanders

Pad Diameter	Orbit Dia.	Ten Pack	Ten Pack w/Repair Tools
3", 3-1/2" (76 mm, 89 mm)	3/8" (10 mm)	59470	59460
	3/16" (5 mm)	59471	59461
	3/32" (2.5 mm)	59472	59462
5" (127 mm)	3/8" (10 mm)	59473	59463
	3/16" (5 mm)	59474	59464
	3/32" (2.5 mm)	59475	59465
6" (152 mm)	3/8" (10 mm)	59476	59466
	3/16" (5 mm)	59477	59467
	3/32" (2.5 mm)	59478	59468



# Motor Tune-Up Kit/Tool Compatibility

*Includes Assorted Parts to Maintain Your Motor in Tip-Top Shape*

For Models not Listed, Please Contact Customer Service

Model No.	Tune-Up Kit	Model No.	Tune-Up Kit	Model No.	Tune-Up Kit	Model No.	Tune-Up Kit
11000	95600	13102	96173	14303	96011	50128	95874
11001	95600	13120	96173	14306	96011	50129	95874
11003	95600	13121	96173	14308	96260	50160	95840
11021	95600	13200	96260	14309	96260	50201	95809
11060	95600	13201	96260	14310	96260	50232	95603
11142	11270	13202	96260	14311	96260	50233	95603
11143	11270	13203	96260	14312	96260	50234	95603
11450	96259	13204	96260	14313	96260	50241	95840
11462	96011	13205	96260	15002	96074	50242	95840
11475	96045	13206	96260	15003	96074	50245	95600
11476	96011	13207	96260	15006	96074	50249	95603
11477	96259	13214	96260	15300	96233	50250	95840
11480	96011	13220	96260	15302	96233	50251	95840
11481	96011	13280	96260	15360	96529	50302	96532
11486	96011	13300	96174	15400	96233	50303	96011
11489	96011	13301	96174	15401	96233	50304	96011
11490	95840	13310	96174	15420	96233	50306	96532
11491	96011	13320	96174	30200	96260	50307	96011
12185	95874	13321	96174	30304	95604	50308	96532
12186	95874	13400	96234	30336	96260	50320	96047
12187	95874	13401	96234	30336	95604	50321	96047
12188	95874	13410	96234	30337	96260	50324	96047
12190	95874	13411	96234	40320	96044	50325	96047
12191	95874	13415	95632	40321	96044	50340	96047
12195	95874	13450	96532	40324	96044	50343	96049
12198	95874	13460	96532	40326	96044	50345	96042
12200	96261	13500	96532	40330	96044	50346	96042
12201	96261	13501	96532	40335	96044	50347	96043
12202	96261	13502	96532	40338	96044	50348	96043
12203	96261	13503	96532	40353	96074	50349	96042
12204	96261	13504	96532	40381	96174	50350	96042
12205	96261	13505	96532	40500	42735	50360	96042
12206	96261	13506	96532	40501	42735	50370	96184
12207	96261	13507	96532	40587	42735	50371	96184
12250	96533	13508	96532	40588	42735	50372	96184
12252	96533	13509	96532	42630	95810	50375	96184
12254	96533	13511	96532	42631	95810	50727	96179
13024	96260	13512	96532	50000	96179	50728	96179
13025	95604	13515	96532	50001	96179	50729	96179
13026	95604	13516	96532	50002	96179	50730	96011
13027	95604	13517	96532	50003	96179	50760	96011
13028	95604	13518	96532	50004	96179	50809	95604
13029	95604	13519	96532	50005	96179	50812	95604
13030	95604	13520	96532	50027	95874	50815	95604
13043	95810	13521	96532	50028	95874	50816	95604
13044	95810	13523	96532	50046	95809	50822	95604
13045	95604	13531	96532	50047	95809	50823	95604
13046	95810	14000	95600	50075	95809	50866	95604
13050	95604	14010	95600	50089	95874	50867	95604
13085	95604	14200	96045	50096	95874	50990	95600
13086	95604	14201	95840	50097	95874	50991	95600
13100	96173	14300	96011	50104	95874	50998	95600
13101	96173	14302	96011	50105	95874	50999	95600



Model No.	Tune-Up Kit	Model No.	Tune-Up Kit	Model No.	Tune-Up Kit	Model No.	Tune-Up Kit
51000	95600	51210	96174	51391	96532	51605	96178
51001	95600	51211	96174	51392	96532	51735	96522
51002	95600	51212	96174	51393	96532	51800	96179
51003	95600	51213	96174	51394	96532	51801	96179
51004	95603	51214	96174	51395	96532	51802	96179
51005	95603	51215	96174	51396	96532	51803	96179
51007	95603	51240	96049	51397	96532	51804	96179
51008	95603	51241	96049	51400	96174	51805	96179
51009	95603	51242	96049	51401	96174	51820	96179
51010	95603	51243	96049	51405	96174	51821	96179
51011	95603	51244	96044	51410	96174	51822	96179
51012	95603	51245	96044	51411	96174	51823	96179
51013	95603	51246	96044	51412	96174	51824	96179
51023	95600	51247	96044	51415	96174	51825	96179
51024	95600	51248	96049	51420	96174	51827	96179
51025	95600	51249	96049	51425	96174	51828	96179
51034	95600	51250	96049	51430	96174	51829	96179
51055	95810	51251	96049	51445	98224	51830	96179
51056	95810	51300	95600	51446	96672	51831	96179
51057	95810	51301	95600	51447	96532	51832	96179
51058	95810	51302	95600	51448	96672	51833	96179
51059	95810	51303	95600	51449	96532	51834	96179
51061	95810	51304	96530	51450	96234	51835	96179
51079	95840	51305	96530	51451	96234	51846	96179
51080	95840	51306	96530	51454	96234	51847	96179
51082	95840	51307	96530	51455	96234	51848	96179
51087	95604	51310	95600	51458	96234	52004	95810
51088	95604	51311	95600	51459	96672	52008	95810
51089	95604	51312	95600	51460	96174	52009	95810
51091	95809	51313	95600	51461	96174	52050	96173
51092	95604	51314	96530	51470	96178	52051	96173
51093	95604	51315	96530	51472	96178	52052	96173
51100	96173	51316	96530	51474	96178	52053	96173
51130	95600	51317	96530	51476	96178	52060	96173
51134	96007	51330	96529	51479	96178	52061	96173
51200	96173	51331	96529	51482	96178	52062	96173
51201	96173	51350	96531	51600	96178	52100	96260
51202	96173	51351	96531	51601	96178	52101	96260
51203	96173	51370	96504	51602	96178	52102	96260
51204	96173	51371	96504	51603	96178	52103	96260
51205	96173	51390	96532	51604	96178	52104	96260

## ACCESSORIES

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# Motor Tune-Up Kit/Tool Compatibility (Cont'd)

*Includes Assorted Parts to Maintain Your Motor in Tip-Top Shape*

For Models not Listed, Please Contact Customer Service

Model No.	Tune-Up Kit	Model No.	Tune-Up Kit	Model No.	Tune-Up Kit	Model No.	Tune-Up Kit	Model No.	Tune-Up Kit	Model No.	Tune-Up Kit	Model No.	Tune-Up Kit
52105	96260	52262	96044	52374	96532	52522	96179	52620	96504	52730	96532	53420	96333
52196	96505	52263	96044	52376	96532	52523	96179	52625	96504	52731	96532	53425	96179
52200	96048	52264	96529	52377	96532	52524	96179	52660	96532	52732	96532	53430	96333
52201	96049	52265	96529	52378	96532	52525	96179	52661	96532	52900	98223	53435	96179
52202	96048	52266	96045	52379	96532	52530	96179	52662	96532	53000	95604	53440	96333
52203	96049	52267	96044	52380	96532	52531	96179	52663	96532	53001	96260	53455	96333
52204	96048	52268	96044	52390	96039	52532	96179	52664	96532	53003	95604	53460	96179
52205	96049	52269	96044	52391	96039	52533	96179	52665	96532	53004	96260	53465	96179
52206	96048	52270	96044	52392	96039	52534	96179	52666	96532	53011	95840	53501	96007
52207	96049	52272	96044	52400	96044	52535	96179	52667	96532	53012	95840	53502	96007
52210	96039	52273	96044	52401	96044	52538	96179	52668	96532	53013	95840	53506	96007
52211	96044	52274	96044	52402	96044	52540	96179	52669	96532	53015	95600	53507	96007
52212	96044	52275	96044	52403	96044	52541	96179	52672	96532	53016	95600	53510	96007
52213	96044	52276	96529	52404	96044	52542	96179	52673	96532	53017	95600	53511	96007
52214	96044	52277	96529	52405	96044	52543	96179	52675	96532	53019	95603	53512	96007
52215	96044	52278	96529	52410	96045	52544	96179	52676	96532	53021	95603	53513	96007
52216	96044	52279	96045	52411	96045	52545	96179	52677	96532	53022	95810	53514	96007
52217	96044	52280	96522	52412	96045	52550	96179	52678	96532	53023	95810	53521	96532
52218	96044	52281	96529	52413	96045	52551	96179	52679	96532	53026	95809	53522	96532
52219	96044	52282	96529	52414	96045	52552	96179	52680	96532	53028	95810	53523	96532
52220	96044	52283	96529	52415	96045	52553	96179	52681	96532	53037	95600	53531	96532
52221	96044	52284	96045	52420	96044	52554	96179	52682	96532	53046	96179	53532	96532
52222	96044	52285	96045	52421	96044	52555	96179	52683	96532	53047	96179	53533	96532
52223	96044	52286	96045	52424	96045	52557	96522	52684	96532	53048	96179	54001	95809
52224	96045	52287	96045	52425	96045	52558	96522	52685	96532	53060	96047	54002	95809
52225	96045	52288	96045	52426	96045	52560	96532	52686	96532	53070	96173	54003	95809
52226	96045	52289	96045	52430	96045	52561	96532	52687	96532	53071	96173	54480	96107
52227	96045	52290	96045	52431	96045	52562	96532	52688	96532	53072	96174	54481	96107
52230	96048	52291	96045	52432	96045	52563	96532	52689	96532	53073	96174	54482	96107
52231	96049	52292	96045	52433	96045	52564	96532	52692	96532	53074	96174	54483	96107
52232	96048	52293	96045	52434	95600	52565	96532	52693	96532	53075	96173	54484	96107
52233	96049	52294	96045	52435	96530	52566	96532	52695	96532	53076	96173	54660	95936
52240	96045	52295	96045	52436	96045	52567	96532	52696	96532	53077	96173	54661	95936
52241	96045	52297	96045	52438	96532	52573	96532	52697	96532	53078	96173	54663	95936
52242	96045	52298	96045	52439	96179	52574	96532	52698	96532	53079	96173	54825	95524
52243	96045	52299	96045	52450	96259	52575	96532	52699	96532	53080	96234	54830	95524
52244	96045	52315	96179	52451	96259	52576	96532	52700	96045	53081	96234	54840	95524
52245	96045	52316	96179	52452	96259	52577	96532	52702	96045	53090	96047	54857	95936
52246	96045	52317	96179	52453	96259	52578	96532	52705	96045	53091	96047	54860	95524
52247	96045	52318	96179	52454	96259	52579	96532	52706	96179	53095	96047	54863	95524
52248	96045	52319	96179	52455	96259	52580	96532	52710	96179	53096	96047	54866	95524
52249	96045	52320	96179	52500	96049	52581	96532	52711	96179	53143	96532	54868	95936
52250	96048	52325	96049	52501	96049	52590	96505	52712	96179	53200	96174	54870	95936
52251	96049	52326	96049	52502	96049	52595	96505	52715	96532	53202	96174	54874	95936
52252	96048	52327	96049	52503	96049	52600	96039	52716	96532	53204	96174	56200	95936
52253	96049	52328	96049	52505	96049	52601	96039	52717	96532	53210	96174	56201	95936
52254	96045	52331	96049	52510	96049	52602	96039	52718	96532	53400	96333	56203	95936
52255	96049	52333	96049	52512	96049	52603	96039	52719	96532	53401	96333	56204	95936
52256	96529	52335	96049	52515	96522	52604	96039	52720	96532	53402	96333	56500	95808
52257	96529	52337	96049	52516	96522	52605	96039	52721	96532	53403	96333	56501	95808
52258	96529	52341	96049	52518	96522	52610	96045	52722	96532	53410	96333	56507	95808
52260	96039	52345	96049	52520	96179	52611	96045	52725	96532	53415	96179	56800	96024
52261	96044	52373	96532	52521	96179	52612	96045	52726	96532	53417	96179	56801	96024

# Motor Tune-Up Kit/Tool Compatibility (Cont'd)

*Includes Assorted Parts to Maintain Your Motor in Tip-Top Shape*

For Models not Listed, Please Contact Customer Service

Model No.	Tune-Up Kit	Model No.	Tune-Up Kit	Model No.	Tune-Up Kit	Model No.	Tune-Up Kit	Model No.	Tune-Up Kit	Model No.	Tune-Up Kit	Model No.	Tune-Up Kit
56922	96024	57028	96024	57227	96122	57621	96480	57814	96024	58200	96480	58442	98221
56923	96024	57029	96024	57228	96122	57625	96480	57860	96024	58201	96480	58443	98221
56924	96024	57030	96024	57229	96122	57626	96480	57861	96024	58202	96480	58444	98221
56926	96024	57032	96024	57240	96122	57627	96480	57862	96024	58203	96480	58445	98221
56927	96024	57033	96024	57240	96122	57628	96480	57863	96024	58204	96480	58446	98221
56928	96024	57034	96024	57245	96122	57629	96480	57864	96024	58215	96480	58450	98220
56929	96024	57035	96024	57300	96122	57630	96480	57900	96236	58216	96480	58455	98220
56930	96024	57125	96437	57301	96122	57631	96480	57902	96236	58217	96480	58460	98220
56932	96024	57126	96537	57302	96122	57632	96480	57906	96236	58218	96480	58461	98220
56933	96024	57127	96522	57303	96122	57633	96480	57908	96236	58219	96480	58462	98220
56934	96024	57130	96024	57304	96122	57634	96480	57909	96169	58226	96480	58465	98220
56935	96024	57131	96024	57306	96195	57635	96480	57910	96236	58227	96480	58466	98220
56950	96024	57132	96024	57310	96195	57636	96480	57920	96169	58228	96480	58467	98220
56951	96024	57133	96024	57311	96122	57637	96480	57922	96169	58229	96480	58480	98224
56952	96024	57134	96024	57312	96122	57638	96480	57923	96169	58230	96480	58485	98224
56953	96024	57135	96024	57313	96122	57639	96480	57924	96169	58300	96480	58500	98222
56954	96024	57136	96024	57314	96122	57640	96480	57925	96169	58301	96480	58501	98222
56955	96024	57137	96024	57315	96195	57641	96480	57926	96169	58302	96480	58502	98222
56956	96024	57138	96024	57400	96107	57642	96480	57927	96169	58303	96480	58503	98222
56957	96024	57139	96024	57401	96107	57643	96480	57928	96169	58304	96480	58504	98222
56958	96024	57140	96024	57402	96107	57655	96480	57929	96169	58315	96480	58505	98222
56959	96024	57141	96024	57403	96107	57656	96480	57930	96236	58316	96480	58506	98222
56960	96024	57142	96024	57404	96107	57657	96480	57935	96236	58317	96480	58507	98222
56961	96024	57143	96024	57405	96107	57658	96480	58000	96236	58318	96480	58508	98222
56962	96024	57144	96024	57407	96107	57659	96480	58010	96236	58319	96480	59000	96510
56963	96024	57145	96024	57500	96109	57660	96480	58034	96179	58326	96480	59001	96510
56964	96024	57146	96024	57501	96109	57661	96480	58035	96179	58327	96480	59002	96510
56965	96024	57147	96024	57502	96109	57662	96480	58037	96179	58328	96480	59003	96510
56966	96024	57148	96024	57503	96109	57663	96480	58038	96179	58329	96480	59004	96510
56967	96024	57149	96024	57504	96109	57664	96480	58039	96179	58330	96480	59005	96510
56968	96024	57150	96024	57530	96024	57665	96480	58040	98576	58400	96169	59006	96510
56969	96024	57151	96024	57550	96107	57667	96480	58041	98576	58401	98220	59007	96510
56970	96024	57152	96024	57551	96107	57668	96480	58050	96173	58404	98220	59008	96510
56971	96024	57153	96024	57552	96107	57669	96480	58052	96510	58405	98220	59009	96510
56972	96024	57154	96024	57553	96107	57670	96480	58053	96510	58406	98220	59010	96510
57000	96024	57157	96024	57555	96107	57671	96480	58054	96510	58409	98220	59011	96510
57001	96024	57200	96200	57570	96018	57672	96480	58070	96169	58410	98221	59012	96510
57002	96024	57201	96200	57571	96018	57673	96480	58075	96169	58411	98221	59013	96510
57003	96024	57202	96200	57572	96018	57674	96480	58100	96480	58412	98221	59014	96510
57004	96024	57203	96200	57573	96018	57675	96480	58101	96480	58414	98221	59015	96510
57006	96024	57204	96200	57574	96018	57676	96480	58102	96480	58415	98220	59016	96510
57010	96437	57210	96200	57575	96018	57677	96480	58103	96480	58416	98220	59017	96510
57015	96024	57211	96200	57582	96018	57700	96195	58104	96480	58417	98220	59018	96510
57016	96024	57212	96200	57583	96018	57704	96195	58115	96480	58418	98220	59019	96510
57017	96024	57213	96200	57584	96018	57800	96024	58116	96480	58419	98220	59020	96510
57018	96024	57214	96200	57585	96018	57801	96024	58117	96480	58420	98220	59021	96510
57019	96024	57220	96122	57600	96122	57802	96024	58118	96480	58430	98220	59022	96510
57021	96024	57221	96122	57601	96122	57803	96024	58119	96480	58431	98220	59023	96510
57022	96024	57222	96122	57602	96122	57804	96024	58126	96480	58434	98220	59024	96510
57023	96024	57223	96122	57603	96122	57810	96024	58127	96480	58435	98220	59025	96510
57024	96024	57224	96122	57604	96122	57811	96024	58128	96480	58436	98220	59026	96510
57026	96024	57225	96122	57610	96122	57812	96024	58129	96480	58439	98220	59027	96510
57027	96024	57226	96122	57611	96122	57813	96024	58130	96480	58441	98221	59028	96510

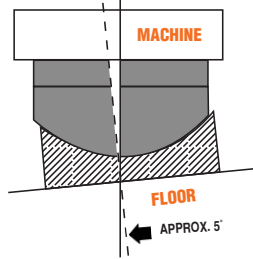


# Leveling Jacks

## For Precision Machine Leveling and Support

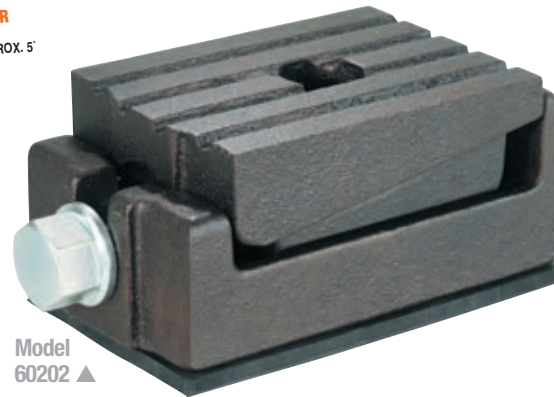
Ensure consistent stability and optimal machine performance

- Compact, lightweight design.
- Lower surface of wedge is specially contoured to float laterally within concave base unit, automatically compensating for uneven floor conditions up to 5 degrees of slope.
- Black oxide finish resistant to corrosion and rust. Grooved top allows oils and liquids to run out; also helps dissipate vibration.
- Wedge action allows easy adjustment of height (1/4" - 3/8") with the turn of a wrench.
- Both models shown with optional Vibration-Absorbing Mounting Pad.



### Wedge-Action Leveling Jacks

- Two-piece design that provides solid support from 3,000 to 9,000 pounds/foot.
- Low-profile is ideal for applications constricted by reduced height.



### Vertical Motion Leveling Jacks

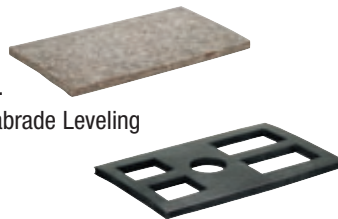
- Three-piece design combines the advantages of a wedge-action jack with vertical lift capabilities in one unique and practical unit.
- Level and support up to 30,000 pounds/foot.
- Use with or without anchor bolts, depending upon installation. When anchor bolts are used, they pass through the entire assembly without interfering with the leveling action.

### Vibration Absorbing Mounting Pads

- Recommended to reduce the transmission of internal machine noise to the building structure and dissipate transmitted vibrations from one machine to another.
- Pads are resistant to oil, grease and acids. They resist breakdown under load and over time.
- See chart below for Leveling Jack/mounting pad assembly numbers.

#### Vi-Sorb Pads

- Provide basic vibration reduction.
- Available with all models of Dynabrade Leveling Jacks. Also sold separately.



#### Vi-Damp II Pads

- Highly recommended, innovative polymer construction affords increased vibration reduction at heavier weights.
- Available with Dynabrade Leveling Jacks of 15,000-30,000 pound/foot capacity. Also sold separately.

Pad Type	Thickness Inch (mm)	Part Number	For Use With	Vibration Reduction
Vi-Sorb	1/4 (6)	91969	60200, 60201	43%
		91966	60202	
		91968	60203, 60204	
	1/2 (13)	91978	60200, 60201	74%
		91965	60202	
		91967	60203, 60204	
3/4 (19)	91885	60200, 60201	80%	
	91886	60202		
	91984	60203, 60204		
Vi-Damp II	1/4 (6)	91962	60202	48%
		91964	60203, 60204	
	1/2 (13)	91961	60202	79%
		91963	60203, 60204	
	3/4 (19)	91887	60202	90%
		91988	60203, 60204	

### Leveling Jack Specifications

Model Number	Recommended Max. Lifting Weight	Rise	Height x Width x Length	Weight lbs.	Anchor Bolt Hole Dia.
60200	3,000 lbs.	1/4"	1-1/8" x 3-1/2" x 6"	5	—
60201	9,000 lbs.	3/8"	2-1/4" x 3-1/2" x 6"	11	—
60202	15,000 lbs.	3/16"	2-3/8" x 3-1/2" x 5-3/4"	11	1"
60203	20,000 lbs.	1/4"	2-3/4" x 3-1/2" x 6-3/4"	14	1-1/8"
60204	30,000 lbs.	1/4"	2-3/4" x 3-1/2" x 6-3/4"	14	1-1/8"

### Leveling Jack/Mounting Pad Assemblies

with 1/4" Vi-Sorb	with 1/2" Vi-Sorb	with 3/4" Vi-Sorb	with 1/4" Vi-Damp II	with 1/2" Vi-Damp II	with 3/4" Vi-Damp II
60205	60206	60207	—	—	—
60208	60209	60210	—	—	—
60211	60212	60213	60217	60218	60229
60214	60215	60216	60219	60220	60231
60230	60221	60232	60233	60234	60235

# Contact Wheels and Assemblies

*Keep your Belt Tools Running at Maximum Efficiency*

Wheels and Assemblies for Use with Dynabrade Abrasive Belt Tools

*Many configurations are available to accommodate a variety of applications*

The first contact wheel assembly listed (\*) is the assembly that comes standard with contact arm shown. All optional assemblies are listed below the standard assembly.

Contact wheel assemblies include contact wheel plus two bearings. Certain assemblies may also contain a shaft and/or spacers. Refer to individual parts pages for breakdown.

## Dynaflex® Contact Arm Assemblies

Contact Arm Part Number	Wheel Assembly Part Number	Wheel P/N	Wheel Dia.	Wheel Width	Wheel I.D.	Face Surface	Material
11178	11068*	11067	5/16"	3/8"	1/4"	Crowned	Steel
	11078*	11077	5/8"	3/8"	3/8"	Crowned	70 Duro Rubber
11212	11066*	11065	5/16"	1/8"	1/4"	Flat	Steel
11213	11068*	11067	5/16"	3/8"	1/4"	Crowned	Steel
	11070	11069	7/16"	3/8"	1/4"	Crowned	70 Duro Rubber
	11076	11075	7/16"	3/8"	3/8"	Crowned	Steel
11214	11070*	11069	7/16"	3/8"	1/4"	Crowned	70 Duro Rubber
	11068	11067	5/16"	3/8"	1/4"	Crowned	Steel
	11076	11075	7/16"	3/8"	3/8"	Crowned	Steel
11215	11072*	11071	7/16"	1/8"	3/8"	Crowned	Brass
	11074	11073	5/8"	1/8"	3/8"	Crowned	70 Duro Rubber
11216	11074*	11073	5/8"	1/8"	3/8"	Crowned	70 Duro Rubber
	11072	11071	7/16"	1/8"	3/8"	Crowned	Brass
11217	11076*	11075	7/16"	3/8"	3/8"	Crowned	Steel
	11068	11067	5/16"	3/8"	1/4"	Crowned	Steel
	11070	11069	7/16"	3/8"	1/4"	Crowned	70 Duro Rubber

## ACCESSORIES

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# Contact Wheels and Assemblies (Cont'd)

Keep your Belt Tools Running at Maximum Efficiency

### Dynaflex® Contact Arm Assemblies (Cont'd)

\*Assembly comes standard with contact arm shown

Contact Arm Part Number	Wheel Assembly Part Number	Wheel P/N	Wheel Dia.	Wheel Width	Wheel I.D.	Face Surface	Material
11218	11078*	11077	5/8"	3/8"	3/8"	Crowned	70 Duro Rubber
11219	11080*	11079	1"	3/8"	3/8"	Round Radiused	70 Duro Rubber
	11078	11077	5/8"	3/8"	3/8"	Crowned	70 Duro Rubber
	11086	11085	1"	3/8"	3/8"	V-Shaped	90 Duro Urethane
11228	11078*		5/8"	3/8"	3/8"	Crowned	70 Duro Rubber
11231	11084*	11083	3/4"	1/2"	3/8"	Crowned	70 Duro Rubber
11232	11086*	11085	1"	3/8"	3/8"	V-Shaped	90 Duro Urethane
	11080	11079	1"	3/8"	3/8"	Round Radiused	70 Duro Rubber
	11078	11077	5/8"	3/8"	3/8"	Crowned	70 Duro Rubber
11234	11080*	11079	1"	3/8"	3/8"	Round Radiused	70 Duro Rubber
11237	11066*	11065	5/16"	1/8"	1/4"	Flat	Steel
11238	11051*	N/A	1/4"	3/8"	N/A	Flat	Steel
11239	11068*	11067	5/16"	3/8"	1/4"	Crowned	Steel
	11070	11069	7/16"	3/8"	1/4"	Crowned	70 Duro Rubber
	11076	11075	7/16"	3/8"	3/8"	Crowned	Steel
11240	11078*	11077	5/8"	3/8"	3/8"	Crowned	70 Duro Rubber
11241	11074*	11073	5/8"	1/8"	3/8"	Crowned	70 Duro Rubber
	11072	11071	7/16"	1/8"	3/8"	Crowned	Brass



# Contact Wheels and Assemblies (Cont'd)

Keep your Belt Tools Running at Maximum Efficiency

## Dynaflex® Contact Arm Assemblies (Cont'd)

\*Assembly comes standard with contact arm shown

Contact Arm Part Number	Wheel Assembly Part Number	Wheel P/N	Wheel Dia.	Wheel Width	Wheel I.D.	Face Surface	Material
11243	11084*	11083	3/4"	1/2"	3/8"	Crowned	70 Duro Rubber
11244	11078*	11077	5/8"	3/8"	3/8"	Crowned	70 Duro Rubber
11245	11078*	11077	5/8"	3/8"	3/8"	Crowned	70 Duro Rubber
11253	—	11377	2-1/8"	1/2"	5/8"	Flat	Urethane
	—	11378	2-1/8"	1/4"	5/8"	Flat	Urethane
11254	—	11375	4-3/8"	1/2"	5/8"	Flat	Urethane
	—	11376	4-3/8"	1/4"	5/8"	Flat	Urethane
11255	11078*	11077	5/8"	3/8"	3/8"	Crowned	70 Duro Rubber
11258	11078*	11077	5/8"	3/8"	3/8"	Crowned	70 Duro Rubber
11261	11078*	11077	5/8"	3/8"	3/8"	Crowned	70 Duro Rubber
11262	11078*	11077	5/8"	3/8"	3/8"	Crowned	70 Duro Rubber
11297	11090*	11077	5/8"	3/8"	3/8"	Crowned	70 Duro Rubber
11312	11078*	11077	5/8"	3/8"	3/8"	Crowned	70 Duro Rubber

## Dynaflex® II Contact Arm Assemblies

\*Assembly comes standard with contact arm shown

Contact Arm Part Number	Wheel Assembly Part Number	Wheel P/N	Wheel Dia.	Wheel Width	Wheel I.D.	Face Surface	Material
11200	11088*	11077	5/8"	3/8"	3/8"	Crowned	70 Duro Rubber
11201	11068*	11067	5/16"	3/8"	1/4"	Crowned	Steel
	11070	11069	7/16"	3/8"	1/4"	Crowned	70 Duro Rubber
	11076	11075	7/16"	3/8"	3/8"	Crowned	Steel

**ACCESSORIES****199****Contact Wheels and Assemblies (Cont'd)****Keep your Belt Tools Running at Maximum Efficiency****Dynaflex® II Contact Arm Assemblies (Cont'd)**

\*Assembly comes standard with contact arm shown

Contact Arm Part Number	Wheel Assembly Part Number	Wheel P/N	Wheel Dia.	Wheel Width	Wheel I.D.	Face Surface	Material
11202	11074*	11073	5/8"	1/8"	3/8"	Crowned	70 Duro Rubber
	11072	11071	7/16"	1/8"	3/8"	Crowned	Brass
11203	11078*	11077	5/8"	3/8"	3/8"	Crowned	70 Duro Rubber
11204	11080*	11079	1"	3/8"	3/8"	Round Radiused	70 Duro Rubber
	11078	11077	5/8"	3/8"	3/8"	Crowned	70 Duro Rubber
	11086	11085	1"	3/8"	3/8"	V-Shaped	90 Duro Urethane
11206	11282*	11281	3/4"	5/8"	3/8"	Crowned	70 Duro Rubber
11220	11352*	11353	5/16"	5/8"	1/4"	Crowned	Steel
11300	11332*	11333	1/4"	3/8"	3/16"	Crowned	Steel
	11342	11343	5/16"	3/8"	3/16"	Crowned	50 Duro Rubber
11301	11068*	11067	5/16"	3/8"	1/4"	Crowned	Steel
	11070	11069	7/16"	3/8"	1/4"	Crowned	70 Duro Rubber
11304	11078*	11077	5/8"	3/8"	3/8"	Crowned	70 Duro Rubber
11341	11342*	11343	5/16"	3/8"	3/16"	Crowned	50 Duro Rubber
	11332	11333	1/4"	3/8"	3/16"	Crowned	Steel
11280	11086*	11085	1"	3/8"	3/8"	V-Shaped	90 Duro Rubber
	11078	11077	5/8"	3/8"	3/8"	Crowned	70 Duro Rubber
	11080	11079	1"	3/8"	3/8"	Round Radiused	70 Duro Rubber

# Contact Wheels and Assemblies (Cont'd)

Keep your Belt Tools Running at Maximum Efficiency

## Dynaflex® II Contact Arm Assemblies (Cont'd)

\*Assembly comes standard with contact arm shown

Contact Arm Part Number	Wheel Assembly Part Number	Wheel P/N	Wheel Dia.	Wheel Width	Wheel I.D.	Face Surface	Material
11329	11078*	11077	5/8"	3/8"	3/8"	Crowned	70 Duro Rubber
11330	11072*	11071	7/16"	1/8"	3/8"	Crowned	Brass
	11074	11073	5/8"	1/8"	3/8"	Crowned	70 Duro Rubber
11337	11076*	11075	7/16"	3/8"	3/8"	Crowned	Steel
	11068	11067	5/16"	3/8"	1/4"	Crowned	Steel
11350	11352*	11353	5/16"	5/8"	1/4"	Crowned	Steel
11360	11078*	11077	5/8"	3/8"	3/8"	Crowned	70 Duro Rubber
11286	11078*	11077	5/8"	3/8"	3/8"	Crowned	70 Duro Rubber
11287	11282*	11281	3/4"	5/8"	3/8"	Crowned	70 Duro Rubber
11314	11066*	11065	5/16"	1/8"	1/4"	Flat	Steel
11320	11078*	11077	5/8"	3/8"	3/8"	Crowned	70 Duro Rubber
11321	11070*	11069	7/16"	3/8"	1/4"	Crowned	70 Duro Rubber
	11068	11067	5/16"	3/8"	1/4"	Crowned	Steel
	11076	11075	7/16"	3/8"	3/8"	Crowned	Steel
11322	11090*	11077	5/8"	3/8"	3/8"	Crowned	70 Duro Rubber



# Contact Wheels and Assemblies (Cont'd)

Keep your Belt Tools Running at Maximum Efficiency

## Mini-Dynaflex® II Contact Arm Assemblies

\*Assembly comes standard with contact arm shown

Contact Arm Part Number	Wheel Assembly Part Number	Wheel P/N	Wheel Dia.	Wheel Width	Wheel I.D.	Face Surface	Material
15026	11078*	11077	5/8"	3/8"	3/8"	Crowned	70 Duro Rubber
	11086	11085	1"	3/8"	3/8"	V-Shaped	90 Duro Urethane
15027	11074*	11073	5/8"	1/8"	3/8"	Crowned	70 Duro Rubber
	11072	11071	7/16"	1/8"	3/8"	Crowned	Brass
15028	11080*	11079	1"	3/8"	3/8"	Round Radiused	70 Duro Rubber
15029	11086*	11085	1"	3/8"	3/8"	V-Shaped	90 Duro Urethane
	11080	11079	1"	3/8"	3/8"	Round Radiused	70 Duro Rubber
15030	11068*	11067	5/16"	3/8"	1/4"	Crowned	Steel
	11070	11069	7/16"	3/8"	1/4"	Crowned	70 Duro Rubber
	11076	11075	7/16"	3/8"	3/8"	Crowned	Steel
15031	11070*	11069	7/16"	3/8"	1/4"	Crowned	70 Duro Rubber
	11068	11067	5/16"	3/8"	1/4"	Crowned	Steel
	11076	11075	7/16"	3/8"	3/8"	Crowned	Steel
15032	11332*	11333	1/4"	3/8"	3/16"	Crowned	Steel
	11342	11343	5/16"	3/8"	3/16"	Crowned	50 Duro Rubber
15033	11342*	11343	5/16"	3/8"	3/16"	Crowned	50 Duro Rubber
	11332	11333	1/4"	3/8"	3/16"	Crowned	Steel

# Contact Wheels and Assemblies (Cont'd)

*Keep your Belt Tools Running at Maximum Efficiency*

## Dynaflex® III Contact Arm Assemblies

\*Assembly comes standard with contact arm shown

Contact Arm Part Number	Wheel Assembly Part Number	Wheel P/N	Wheel Dia.	Wheel Width	Wheel I.D.	Face Surface	Material
11200	11088*	11077	5/8"	3/8"	3/8"	Crowned	70 Duro Rubber
11203	11078*	11077	5/8"	3/8"	3/8"	Crowned	70 Duro Rubber
11204	11080*	11079	1"	3/8"	3/8"	Round Radiused	70 Duro Rubber
11206	11282*	11281	3/4"	5/8"	3/8"	Crowned	70 Duro Rubber
11286	11078*	11077	5/8"	3/8"	3/8"	Crowned	70 Duro Rubber
11287	11282*	11281	3/4"	5/8"	3/8"	Crowned	70 Duro Rubber
11320	11078*	11077	5/8"	3/8"	3/8"	Crowned	70 Duro Rubber
11702	11638*	11637	4"	1/2"		Round Radiused	70 Duro Rubber
15321	15320*	15318	3/4"	7/8"	3/8"	Crowned	70 Duro Rubber
15326	15320*	15318	3/4"	7/8"	3/8"	Crowned	70 Duro Rubber
15350	15349*	11617	2"	1"	5/8"	Flat	90 Duro Rubber
	15346	15342	2"	5/8"	5/8"	Crowned	40 Duro Rubber
	15347	15343	2"	1"	5/8"	V-Shaped	70 Duro Rubber
	15348	11649	2"	1"	5/8"	Flat	70 Duro Rubber
15351	15348*	11649	2"	1"	5/8"	Flat	70 Duro Rubber
	15346	15342	2"	5/8"	5/8"	Crowned	40 Duro Rubber
	15347	15343	2"	1"	5/8"	V-Shaped	70 Duro Rubber
	15349	11617	2"	1"	5/8"	Flat	90 Duro Rubber

**ACCESSORIES****203****Contact Wheels and Assemblies (Cont'd)****Keep your Belt Tools Running at Maximum Efficiency****Dynaflex® III Contact Arm Assemblies (Cont'd)**

\*Assembly comes standard with contact arm shown

Contact Arm Part Number	Wheel Assembly Part Number	Wheel P/N	Wheel Dia.	Wheel Width	Wheel I.D.	Face Surface	Material
15356	15346*	15342	2"	5/8"	5/8"	Crowned	40 Duro Rubber
	15347	15343	2"	1"	5/8"	V-Shaped	70 Duro Rubber
	15348	11649	2"	1"	5/8"	Flat	70 Duro Rubber
	15349	11617	2"	1"	5/8"	Flat	90 Duro Rubber
15357	15347*	15343	2"	1"	5/8"	V-Shaped	70 Duro Rubber
	15346	15342	2"	5/8"	5/8"	Crowned	40 Duro Rubber
	15348	11649	2"	1"	5/8"	Flat	70 Duro Rubber
	15349	11617	2"	1"	5/8"	Flat	90 Duro Rubber
15368	15359*	15358	1"	1"	5/8"	Flat	70 Duro Rubber
	11616	11615	1"	1"	5/8"	Flat	80 Duro Rubber
15375	15348*	11649	2"	1"	5/8"	Flat	70 Duro Rubber
	15346	15342	2"	5/8"	5/8"	Crowned	40 Duro Rubber
	15347	15343	2"	1"	5/8"	V-Shaped	70 Duro Rubber
	15349	11617	2"	1"	5/8"	Flat	90 Duro Rubber



# Contact Wheels and Assemblies (Cont'd)

Keep your Belt Tools Running at Maximum Efficiency

## Dynabelter® Contact Arm Assemblies

\*Assembly comes standard with contact arm shown

Contact Arm Part Number	Wheel Assembly Part Number	Wheel P/N	Wheel Dia.	Wheel Width	Wheel I.D.	Face Surface	Material
11681	11650*	11649	2"	1"	5/8"	Standard	70 Duro Rubber
	11644	11643	2"	1/2"	5/8"	Crowned	90 Duro Rubber
	11634	11633	2"	1"	5/8"	Crowned	40 Duro Rubber
	11618	11617	2"	1"	5/8"	Standard	90 Duro Rubber
11663	11616*	11615	1"	1"	5/8"	Flat	80 Duro Rubber
11668	11616*	11615	1"	1"	5/8"	Flat	80 Duro Rubber
11677	11620*	11619	4"	1"	5/8"	Crowned	40 Duro Rubber
	11689	11688	4"	1"	5/8"	Scoop	60 Duro Urethane
	11636	11635	4"	1"	5/8"	Scoop	80 Duro Urethane
11682	11638*	11637	4"	1/2"	5/8"	Severely Radiused	70 Duro Rubber
11684	11642*	11641	4"	5/8"	5/8"	Scoop	40 Duro Rubber
	11892	11886	4"	5/8"	5/8"	Scoop	80 Duro Urethane
	11889	11888	4"	5/8"	5/8"	Scoop	90 Duro Urethane
11717	11618*	11617	2"	1"	5/8"	Standard	90 Duro Rubber
	11644	11643	2"	1/2"	5/8"	Standard	90 Duro Rubber
	11634	11633	2"	1"	5/8"	Crowned	40 Duro Rubber
	11650	11649	2"	1"	5/8"	Standard	70 Duro Rubber
11870	11847*	11846	2"	2"	1-1/8"	Standard	70 Duro Urethane
	11851	11850	2"	2"	1-1/8"	Standard	90 Duro Urethane

# Dynūba

## Cleaning and Polishing Products for Abrasive and Polishing Belts

### Dynūba 100 Ozone Safe

- Our most popular Dynūba product - extends belt life.
- Keeps belts free of metal build-up when sanding non-ferrous metals with grit 80 or finer.



Part Name	Part Number	Size	Container
Dynūba 100	60000	11.25 oz	Aerosol Can
	60005	16 oz.	Spray Bottle
	60001	1 Gallon	Can
	60003	5 Gallon	Can
	60004	55 Gallon	Drum
Dynūba 26	60020	1-1/2 lb.	Grease Tube
Dynūba 103	60030	1/2 lb.	Cleaning Stick
Dynūba 171	60035	3 lb.	Polishing Tube

### Dynūba 26

- Abrasive belt grease for use with all metals.
- Promotes free cutting, improves abrasive belt life; prevents heat discoloration.



### Dynūba 103

- Removes abrasive belt build-up of wood and resin residue.
- Apply to grit side of moving abrasive belts and discs.
- 8-1/2" x 1-1/2" x 1-1/2" gum rubber stick.



### Dynūba 171

- Easily cleaned.
- For brilliant cut and color on stainless and aluminum.
- Polishing compound for cloth belts and rag wheels. Apply to moving cloth belts or rag wheel.



# Lubricants and Grease

## Help Prevent Downtime

### Dynabrade Air Lube (10W/NR)

- Formulated for pneumatic equipment.
- Absorbs up to 10% of its weight in water.
- Prevents rust and formation of gum/sludge for longer tool operation with greater power and less downtime.

**Part Number 95821**  
118 ml (4 oz.)

**Part Number 95842**  
473 ml (1 pt.)

**Part Number 95843**  
3.8 l (1 gallon)

**Part Number 96101**  
Display Box

- 24 - 118 ml (4 oz.) bottles



### General air tool maintenance begins with motor lubrication

Filter-lubricators, see page 162, are also necessary for greater performance and increased life of air tools. Dynabrade tools must be used with filter-lubricators to maintain all warranties.

### Gear Oil

**Part Number 95848**  
2.5 oz. (74 ml) tube

- Formulated for Dynabrade geared tools utilizing a wick-type lubrication system.
- Apply every 8 hours of operation into tool's lubrication fitting.
- Failure to lubricate will cause premature gear failure and void warranty.
- Easy to apply using with Dynabrade P/N 95541 Grease/Oil Gun (shown, sold separately).

**NOTE:** For non wick-type lubrication systems, use 95542 Gear Grease.



### Grease and Grease Gun

- Multi-purpose grease for all types of bearings, cams, gears.
- High film strength; excellent resistance to water, steam, etc.
- Workable range -18° C to 149° C (0° F to 300° F).

**Part Number 95541**  
Push-Type Grease Gun

**Part Number 95542**  
283.5 g (10 oz.) tube

- One-hand operation.



# Finesse Sanding Creme and Glaze

*For use with Dynabrade Buffers*

## Finesse Sanding Creme

- A sanding compound for metal, fiberglass and composites.
- Use with fine-grade sanding discs.

**Part Number 95723**

4 oz. (118 ml)

**Part Number 95724**

1 qt. (946 ml)

**Part Number 95725**

1 gal. (3.8 l)



## Dynabrade Glaze

- For use with slow-speed tools to achieve a high gloss after compounding.

**Part Number 95727**

4 oz. (118 ml)

**Part Number 95728**

1 qt. (946 ml)

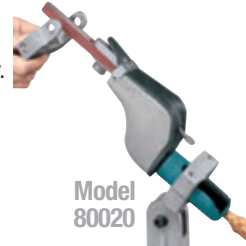


# Dynamount Bench Mount

*Mounts Portable Air Tools Securely*

**Frees operator's hands**

- Tool clamp swivels 180° for set-up versatility.
- Heavy-duty, rugged construction; easily mounts to workbench.
- Stands 9-3/4" tall in the upright position.
- Mounted tool can be rotated within clamp for desired positioning.



Model 80020

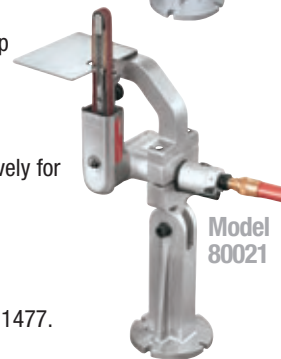
## Universal Bench Mount

**Part Number 80020**

- Accepts air tools with motor diameters up to 1-3/4" diameter, such as Dynaflex®.

**Part Number 80021**

- Has custom worktable. Designed exclusively for Dynaflex® II.



Model 80021

**Part Number 80022**

- Designed exclusively for Dynabelter® models 11475, 11476 and 11477.

## Foot Pedal and Hose Assembly

**Part Number 80015**

- Connects to bench-mounted air tool; provides on/off foot control of air tool operation.
- Includes 11291 Foot Pedal and 11292 8' Hose Assembly (3/8" I.D. x 11/16" O.D.) with two 1/4" NPT male fittings.



# Portable Wet Tank Assembly

*Preset your Desired Water Flow with Valve on Tank*

**Part Number 95990**

- Eliminates the need for a garden hose. Two gallon capacity. Heavy-duty corrosion resistant construction.
- Translucent tank allows easy viewing of liquid level.
- Hand pump manual pressurizes container (50 PSIG maximum pressure). No need for external power source.
- Adjustable "water feed" valves at two locations. Use valve at tool as an on/off switch.





# DynaMitt Sanding Glove

## Hand-Sanding has Never Been Easier

### Part Number 58005

- Palm side of DynaMitt accepts hook-face abrasive sheets (sold separately).
- Ideal for sanding contours.
- Easily control pressure and sanding coverage.
- Includes rubber insert for more rigid applications. Insert fits into pocket under hook-face area.

### DynaMitt Pack

#### Part Number 58009

- Includes 58005 DynaMitt and rubber insert, plus 93889 Abrasive Sheet Sample Kit (13 abrasive sheets in various grits).



# Safety-Lock Throttle Levers

## Help Prevent Accidental Tool Start-up

- Remove standard throttle lever from tool and install new safety-lock lever in seconds.
- Safety-lock levers are available for all Dynabrade air tools.
- Call our customer service department to identify which safety-lock lever fits your tool.



# Side Handles

## Improve Ergonomic Feel

- Improved ergonomic feel with grip-traction to reduce hand fatigue.
- Fits many tool models including Dynastraight® series, Dynangle®, pistol-grip tools, wet tools, drills, die grinders and disc Sanders.
- Please contact customer service department to mate handle to each tool.



# Tool Hangers

## For use with Dynabuffers

- Optional lightweight hanger easily attaches to Dynabrade Dynabuffers for convenient workplace storage.

### Part Number 97166

- For use with 3" (76 mm) dia. Dynabuffer.

### Part Number 97165

- For use with 5" (127 mm) dia. Dynabuffer.



# Top Handle Assembly

## For use with Two-Hand Tools

### Part Number 53147

- Heavy-duty construction; perfectly centered over tool for ideal balance and comfort.
- Compatible with the following tools:
  - Air-powered models: 51446, 51448, 51458, 51459, 58480, 59485
  - Electric-powered models: 51612, 51613, 51614.





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***Continued Leadership In Portable Abrasive Power Tool Technology***

***www.dynabrade.com***



# Coated Abrasive Belts

For Use With Portable Belt Tools

The Choice is Yours!

Dynabrade offers abrasive belts in three varieties to fit the preference & budget of every operator

**3M 3M 577F**



Premium grade belts. The 577F Cubicut Polycut is a premium grade of zirconia alumina from 3M. The self-sharpening characteristic of the microcrystalline structure is combined with heavy strength polyester cloth making these belts superior. We recommend these belts for optimum performance on our tools.

**DC Dynacut**



These zirconia alumina abrasive belts cut faster and last longer than most coated abrasive products when grinding steel or stainless steel with Dynabrade small belt tools. The belts are very sharp and are excellent for use on most metals, including aluminum and titanium, when lubricated properly (use Dynüba 100 spray lubricant; part number 60000).

**A/O Aluminum Oxide**



Abrasive belts constructed of the most popular man-made abrasive: aluminum oxide. Aluminum oxide is tough and known for its high speed penetration of materials such as carbon steel, alloy steel, tough bronze and hard wood without excessive fracturing of the grain. Excellent all-around abrasive belts for everyday use.

## Coated Abrasive Belts

Length	For Use With These Dynabrade Tools	Width	40 Grit	60 Grit	80 Grit	120 Grit	180 Grit	220 Grit	320 Grit	
7-1/2" (191 mm)	2-1/4" Dia. Pneumatic Wheels	3" (76 mm)	3M	-	90631	90632	90633	-	-	
			A/O	-	-	-	-	90634	90635	90636
9-3/4" (248 mm)	3" Diameter Pneumatic Wheels	2-1/4" (67 mm)	DC	-	92260	92261	92262	-	-	
			3M	89150	89151	89152	89153	-	-	
10-11/16" (271 mm)	3-1/4" Dia. Pneumatic Wheels	3" (76 mm)	DC	92100	92101	92102	92103	-	-	
			A/O	-	90613	90614	90615	90268	90269	90270
			A/O	-	-	-	90600	90601	-	90602
12" (305 mm)	Mini-Dynaflex® II	1/8" (3 mm)	3M	-	-	89002	89003	-	-	
			DC	-	-	92206	92207	-	-	
			A/O	-	-	-	-	92208	92209	92210
		1/4" (6 mm)	3M	89005	89006	89007	89008	-	-	
			DC	92105	92106	92107	92108	-	-	
			A/O	-	91425	91426	91427	92118	92119	92120
1/2" (13 mm)	3M	89010	89011	89012	89013	-	-			
	DC	92110	92111	92112	92113	-	-			
A/O	-	91428	91429	91430	92114	92115	92116			



# Coated Abrasive Belts (Cont'd)

For Use With Portable Belt Tools

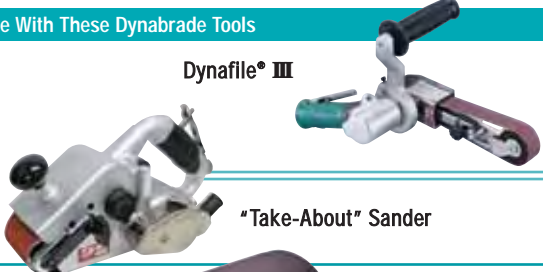




**3M** 3M 577F **DC** Dynacut **A/O** Aluminum Oxide

Length	For Use With These Dynabrade Tools	Width	40 Grit	60 Grit	80 Grit	120 Grit	180 Grit	220 Grit	320 Grit			
15-1/2" (394 mm)	5" Diameter Pneumatic Wheels 		1" (25 mm)	3M 89185	89186	89187	89188	-	-	-		
			DC 90194	90195	90196	90197	-	-	-			
			3M 89181	89182	89183	89184	-	-	-			
			DC 90190	90191	90192	90193	-	-	-			
			3M -	89166	89167	89168	-	-	-			
			DC 90009	90017	90018	90020	-	-	-			
			2-3/4" (70 mm)	A/O -	90076	90077	90078	90026	90011	90012		
			3M -	89171	89172	89173	89174	-	-			
			DC -	90272	90273	90275	-	-	-			
			A/O -	90353	90354	90355	90277	90338	90339			
			7" (178 mm)	A/O -	-	-	-	90603	90604	-	90605	
			A/O -	-	-	-	-	-	-	-		
18" (457 mm)	Dynaflex® II  Electric Dynaflex® II  Dynaflex® III  Dynangle 		1/8" (3 mm)	3M -	-	89032	89033	-	-	-		
			DC -	-	92230	92231	-	-	-			
			A/O -	90211	92228	92229	92232	92233	92234			
			1/4" (6 mm)	3M 89035	89036	89037	89038	-	-	-		
			DC 92125	92126	92127	92128	-	-	-			
			A/O -	91114	91115	91116	90224	90225	90226			
			1/2" (13 mm)	3M 89040	89041	89042	89043	-	-	-		
			DC 92130	92131	92132	92133	-	-	-			
			A/O -	91117	91118	91119	90244	90245	90246			
			3/4" (19 mm)	3M 89045	89046	89047	89048	-	-	-		
			DC 92135	92136	92137	92138	-	-	-			
			A/O -	91123	91124	91125	90254	90255	90256			
			1" (25 mm)	3M 89050	89051	89052	89053	-	-	-		
			DC 92140	92141	92142	92143	-	-	-			
			A/O -	91126	91127	91128	90288	90289	90290			
		20-1/2" (521 mm)	Dynaflex® II 		3/4" (19 mm)	DC 90640	90641	90642	90643	-	-	-
		A/O -	-	-	-	90334	90335	90336	-	-	-	
		24" (610 mm)	Dynaflex® 		1/8" (3 mm)	3M -	-	89072	89073	-	-	-
DC -	-				90456	90457	-	-	-			
A/O -	90405				-	-	90410	90411	90412			
	1/4" (6 mm)			3M 89075	89076	89077	89078	-	-	-		
	DC 92155			92156	92157	92158	-	-	-			
	A/O -			91434	91435	91436	90423	90424	90425			
	1/2" (13 mm)			3M 89080	89081	89082	89083	-	-	-		
	DC 92160			92161	92162	92163	-	-	-			
	A/O -			91437	91438	91439	90449	90451	90453			

# Coated Abrasive Belts (Cont'd)

For Use With Portable Belt Tools




**3M** 3M 577F    **DC** Dynacut    **A/O** Aluminum Oxide

Length	For Use With These Dynabrade Tools	Width	40 Grit	60 Grit	80 Grit	120 Grit	180 Grit	220 Grit	320 Grit	
24" Cont'd (610 mm)	 <p>Dynaflex® III "Take-About" Sander</p>	1" (25 mm)	3M	89085	89086	89087	89088	-	-	-
			DC	92165	92166	92167	92168	-	-	-
			A/O	-	-	-	-	90486	90487	90488
		3" (76 mm)	3M	84829	84830	84831	84833	-	-	-
			DC	92170	92171	92172	92173	-	-	-
			A/O	-	-	-	-	-	-	-
26-5/16" (610 mm)	8-1/4" Dia. x 9" Long Pneumatic Wheels	9" (229 mm)	A/O	-	-	-	90606	90607	-	-
30" (762 mm)	 <p>Dynabelter®</p>	1/4" (6 mm)	3M	89095	89096	89097	89098	-	-	-
			DC	92175	92176	92177	92178	-	-	-
			A/O	-	-	-	-	90471	90472	90473
		1/2" (13 mm)	3M	89100	89101	89102	89103	-	-	-
			DC	92180	92181	92182	92183	-	-	-
			A/O	-	90671	90672	90673	-	-	-
		1" (25 mm)	3M	89105	89106	89107	89108	-	-	-
			DC	92185	92186	92187	92188	-	-	-
			A/O	-	90674	90675	90676	90512	90513	90514
		2" (51 mm)	3M	89110	89111	89112	89113	-	-	-
			DC	92190	92191	92192	92193	-	-	-
			A/O	-	90677	90678	90679	90390	90391	90392
34" (610 mm)	 <p>Dynangle II</p>	1/4" (6 mm)	A/O	-	90475	90477	90479	-	-	-
			3M	-	84815	84816	84817	-	-	-
		1/2" (13 mm)	A/O	-	90495	90497	90499	-	-	-
			3M	-	84818	84819	84820	-	-	-
		3/4" (19 mm)	A/O	-	90367	90368	90370	-	-	-
		2" (51 mm)	A/O	-	90377	90378	90380	-	-	-
3M	-		84821	84822	84823	-	-	-		
44" (864 mm)	 <p>Dynaflex® utilizing 11244 Contact Arm</p>	1/2" (13 mm)	3M	-	84821	84822	84823	-	-	-
			DC	-	90545	90547	90549	-	-	-
72" (183 cm)	 <p>Versatility Grinders</p>	1/4" (6 mm)	3M	84807	84771	84777	84789	84795	-	-
			DC	94807	94771	94777	94789	-	-	-
			A/O	-	-	-	-	94795	94801	-
		1/2" (13 mm)	3M	84808	84772	84778	84790	84796	-	-
			DC	94808	94772	94778	94790	-	-	-
			A/O	-	-	-	-	94796	94802	-
		1" (25 mm)	3M	84809	84773	84779	84791	84797	-	-
			DC	94809	94773	94779	94791	-	-	-
			A/O	-	-	-	-	94797	94803	-

# Coated Abrasive Belts (Cont'd)


For Use With Portable Belt Tools

**3M** 3M 577F **DC** Dynacut

Length	For Use With These Dynabrade Tools	Width	40 Grit	50 Grit	60 Grit	80 Grit	120 Grit	180 Grit	220 Grit	
72" Cont'd (183 cm)	Versatility Grinders 	1-1/2" (38 mm)	3M	84810	-	84774	84780	84792	84798	-
			A/O	-	-	-	-	-	94798	94804
		2" (51 mm)	3M	84811	-	84775	84781	84793	84799	-
			DC	94811	-	94775	94781	94793	-	-
		A/O	-	-	-	-	94799	94805		
78" (198 cm)	Versatility Grinders 	2" (51 mm)	DC	94812	-	94776	94782	94794	-	-
104" (264 cm)	Band Saw Blade Grinders 	1" (25 mm)	3M	-	89226	-	89228	-	-	-
		1-1/2" (38 mm)	3M	-	89225	-	89227	-	-	-

## Scalloped Abrasive Belts





**3M** 3M 777F

Length	For Use With These Dynabrade Tools	Width	120 Grit
24" (610 mm)	Dynaflex® III 	3M 1/2" (13 mm)	91386

## Non-Woven Nylon Belts

For Use With Portable Belt Tools

**3M** Scotch-Brite™ Surface Conditioning Belts **DB** Dynabrade Non-Woven Nylon

Length	For Use With These Dynabrade Tools	Width	SE Coarse	Coarse Brown	Medium Maroon	Very Fine Blue	Super Fine Grey	Type T Polish White	
7-3/8" (187 mm)	2-1/4" Dia. Pneumatic Wheels 	3" (76 mm)	DB	-	-	90092	90091	90090	-
9-5/8" (244 mm)	3" Diameter Pneumatic Wheels 	2-1/4" (57 mm)	DB	-	-	90095	90094	90093	-
10-11/16" (271 mm)	3-1/4" Dia. Pneumatic Wheels 	3" (76 mm)	3M	-	89213	89212	89211	89210	90048
		DB	-	90239	90238	90237	90219	-	
		7" (178 mm)	DB	-	-	90098	90097	90096	-
12" (309 mm)	Mini-Dynaflex® II 	1/2" (13 mm)	3M	90315	90314	90313	90312	90311	-



# Non-Woven Nylon Belts (Cont'd)

For Use With Portable Belt Tools



**3M** Scotch-Brite™ Surface Conditioning Belts

**DB** Dynabrade Non-Woven Nylon

Length	For Use With These Dynabrade Tools	Width	SE Coarse	Coarse Brown	Medium Maroon	Very Fine Blue	Super Fine Grey	Type T Polish White	
15-1/2" (394 mm)	 	2-3/4" (70 mm)	3M	–	89233	89232	89231	–	
			DB	–	90023	90022	90021	90013	–
		3-1/2" (89 mm)	3M	89244	89243	89242	89241	89240	–
			DB	–	90283	90282	90281	90014	–
18" (457 mm)	 	1/4" (6 mm)	3M	–	90231	90229	90228	90158	–
		1/2" (13 mm)	3M	–	90297	90292	90248	90159	90052
		3/4" (19 mm)	3M	–	90299	90294	90258	90161	90053
		1" (25 mm)	3M	–	90300	90295	90259	90162	–
24" (610 mm)	 	1/4" (6 mm)	3M	–	90460	90433	90403	90397	–
		1/2" (13 mm)	3M	–	90461	90434	90400	90398	90054
		1" (25 mm)	3M	–	90462	90416	90402	90399	–
		3" (76 mm)	3M	–	90459	90458	90404	90396	–
30" (762 mm)	 	1/2" (13 mm)	3M	–	90442	90436	90406	–	–
		1" (25 mm)	3M	–	90444	90437	90401	–	–
		2" (51 mm)	3M	–	90448	90438	90414	–	–
34" (864 mm)	 	2" (51 mm)	3M	–	90374	90373	90371	–	–
72" (183 cm)		1/4" (6 mm)	3M	–	–	–	93735	93729	–
		1/2" (13 mm)	3M	–	93746	93741	93736	93730	–
		1" (25 mm)	3M	–	93747	93742	93737	93731	–
		2" (51 mm)	3M	–	93749	93744	93739	93733	–

# Cloth Polishing Belts

For Use With Portable Belt Tools

Length	For Use With These Dynabrade Tools	Width	Part Number
24" (610 mm)	 	1/2" (13 mm)	90010

# Coated Abrasive Bands

For Use With Expander Wheels



# Non-Woven Nylon Bands

For Use With Expander Wheels



## DC Dynacut Zirconia Alumina

Length	Width		36 Grit	60 Grit	80 Grit	120 Grit
1" (25 mm)	1" (25 mm)	DC	-	-	91069	91072
	1-1/2" (38 mm)	DC	-	-	91070	91073
	2" (51 mm)	DC	-	-	91071	91074
1-1/2" (38 mm)	1" (25 mm)	DC	-	-	91078	91081
	1-1/2" (38 mm)	DC	-	-	91079	91082
	2" (51 mm)	DC	-	-	91080	91083
2" (51 mm)	1" (25 mm)	DC	-	-	91087	91090
	1-1/2" (38 mm)	DC	-	-	91088	91091
	2" (51 mm)	DC	-	-	91089	91092
3" (76 mm)	1" (25 mm)	DC	90700	90712	90724	90736
	2" (51 mm)	DC	90701	90713	90725	90737
	3" (76 mm)	DC	-	90719	90731	90743
4" (102 mm)	1" (25 mm)	DC	90702	90714	90726	90738
	1-1/2" (38 mm)	DC	-	90720	90732	90744
	2" (51 mm)	DC	90703	90715	90727	90739
	3" (76 mm)	DC	-	90721	90733	90745
5" (127 mm)	1" (25 mm)	DC	90704	90716	90728	90740
	1-1/2" (38 mm)	DC	-	90723	90735	90747
	2" (51 mm)	DC	90705	90717	90729	90741
	3" (76 mm)	DC	-	90706	90708	90710


## DB Dynabrade Non-Woven Nylon

Length	Width		Coarse Brown	Medium Maroon
1" (25 mm)	1" (25 mm)	DB	90810	90760
	1-1/2" (38 mm)	DB	90811	90761
	2" (51 mm)	DB	90812	90762
1-1/2" (38 mm)	1" (25 mm)	DB	90813	90763
	1-1/2" (38 mm)	DB	90814	90764
	2" (51 mm)	DB	90815	90765
2" (51 mm)	1" (25 mm)	DB	90816	90766
	1-1/2" (38 mm)	DB	90817	90767
	2" (51 mm)	DB	90818	90768
3" (76 mm)	1" (25 mm)	DB	90748	90754
	2" (51 mm)	DB	90749	90755
	3" (76 mm)	DB	90820	90770
4" (102 mm)	1" (25 mm)	DB	90750	90756
	1-1/2" (38 mm)	DB	90821	90771
	2" (51 mm)	DB	90751	90757
	3" (76 mm)	DB	90822	90772
5" (127 mm)	1" (25 mm)	DB	90752	90758
	1-1/2" (38 mm)	DB	90824	90774
	2" (51 mm)	DB	90753	90759
	3" (76 mm)	DB	90825	90775

# NewEdge Scalloped-Edge Abrasive Discs


Coated

**A/O** Aluminum Oxide

Diameter	For Use With These Dynabrade Tools	Connects to	Vacuum Type	80 Grit	120 Grit	100 Micron	60 Micron	30 Micron
3-1/2" (89 mm)		A/O Hook-Face	Non-Vac	92580	92581	92582	92583	92584
5" (127 mm)		A/O Hook-Face	Non-Vac	92590	92591	92592	92593	92594
		A/O Hook-Face	Vacuum	92600	92601	92602	92603	92604

## Non-Woven Nylon, for Hook-Face Pad

**DB** Dynabrade

Diameter	For Use With These Dynabrade Tools	Vacuum Type	Medium Maroon	Fine Gray
3-1/2" (89 mm)		DB Non-Vac	92585	92586
5" (127 mm)		DB Non-Vac	92595	92596
		DB Vacuum	92605	92606

## Sample Kits

Each kit contains 3 of each NewEdge Scalloped-Edge abrasive disc listed, relative to diameter and vacuum type.



Diameter	Kit Part No.	Diameter	Vacuum Type	Kit Part No.
3-1/2" (89 mm)	DB 92353	5" (127 mm)	Non-Vac	92350
		5" (127 mm)	Vacuum	92351

# Non-Woven Nylon Discs

**3M** Scotch-Brite™ Surface Conditioning

Dimensions	For Use With These Dynabrade Tools	Connects to	SE Coarse Brown	Coarse Maroon	Medium Blue	Very Fine Gray	Super Fine White	Ultra Fine
3/4" (19 mm)		3M Hook-Face	-	-	90858	90856	-	-
1-1/4" (32 mm)		3M Hook-Face	-	-	90862	90860	-	-
2" (51 mm)		3M Roloc™	-	90872	90873	90874	90875	-
3" (76 mm)		3M Roloc™	-	90876	90877	90878	90879	-
4" (102 mm)		3M Roloc™	90863	90867	90868	-	-	-
11-1/4" (286 mm)		3M Hook-Face	-	-	-	91400	91402	91401
Tear Drop		3M Hook-Face	-	93970	93971	93972	93973	-
Triangular		3M Hook-Face	-	93930	93931	93932	93933	-






# Coated Abrasive Discs

**3M** 3M Regalite 751U      **3M** 3M Stikit Gold 216U      **DC** Dynacut      **A/O** Aluminum Oxide

Diameter	For Use With These Dynabrade Tools	Connects to	Vacuum Type	Number of Holes	36 Grit	40 Grit	60 Grit	80 Grit	100 Grit	120 Grit	150 Grit	180 Grit	220 Grit	320 Grit	
2" (51 mm)	2" (51 mm) Dia. Disc Sanders 	A/O	PSA	Non-Vac	0	-	-	-	92040	-	92046	-	-	-	
3" (76 mm)	Random Orbital Sanders 	DC	Hook-Face	Vacuum	3	-	-	-	92056	-	92057	-	92058	92059 92060	
3-1/2" (89 mm)		3M	PSA	Non-Vac	0	-	-	-	92090	-	92092	-	92094	92095 92097	
5" (127 mm)		3M	Hook-Face	Non-Vac	0	-	-	-	93101	93102	93103	-	93105	93106	-
				Vacuum	5	-	-	-	93109	93110	93111	-	93113	93114	-
5" (127 mm)		3M	Hook-Face	Non-Vac	0	-	93312	93313	-	-	-	-	-	-	-
				Vacuum	5	-	93309	93310	-	-	-	-	-	-	-
6" (152 mm)		3M	Hook-Face	Non-Vac	0	-	-	-	93200	93201	93202	-	93204	93205	-
				Vacuum	6	-	-	-	93215	93216	93217	-	93219	93220	-
6" (152 mm)		3M	Hook-Face	Non-Vac	0	-	93318	93319	-	-	-	-	-	-	-
				Vacuum	5	-	93315	93316	-	-	-	-	-	-	-
8" (203 mm)	Random Orbital and Gear-Driven Sanders 	DC	PSA	Non-Vac	0	-	91235	-	91237	-	91239	-	-	-	-
				Vacuum	8	-	91247	-	91249	-	91251	-	-	-	-
			Hook-Face	Non-Vac	0	-	91444	-	91446	-	91448	-	-	-	-
				Vacuum	8	-	91456	-	91458	-	91460	-	-	-	-
11-1/4" (286 mm)		A/O	Hook-Face	Non-Vac	0	91315	-	91316	91300	-	91301	-	91302	-	-
				Vacuum "O-Style"	91317	-	91318	91303	-	91304	-	91305	-	-	
Tear-Drop	Dynafine® Sanders 	A/O	PSA	Non-Vac	0	-	-	-	93993	-	93994	93995	93996	-	-
				Hook-Face	Non-Vac	0	-	-	-	93953	-	93954	93955	93956	-
Triangular		A/O	PSA	Non-Vac	0	-	-	-	93983	-	93984	93985	93986	-	-
				Loop	Non-Vac	0	-	-	-	93913	-	93914	93915	93916	-

## Micro-Finishing Film

**SC** Silicon Carbide      **A/O** Aluminum Oxide

Diameter	For Use With These Dynabrade Tools	Connects to	Vacuum Type	Number of Holes	80 Grit	120 Grit	180 Grit	220 Grit	1,000 Grit	
3/4" (19 mm)	Mini-Dynorbital® Disc Sanders 	A/O	PSA	Non-Vac	0	-	-	-	93183	
		SC	PSA	Non-Vac	0	93271	93272	93274	93275	-
1-1/4" (32 mm)		A/O	PSA	Non-Vac	0	-	-	-	93191	
		SC	PSA	Non-Vac	0	93280	93281	93283	93284	-
11-1/4" (286 mm)	Random Orbital and Gear-Driven Sanders 	A/O	Hook-Face	Non-Vac	0	91320	91321	91322	91323	91324
				Vacuum "O-Style"	91325	91326	91327	91328	91329	

# Coated Abrasive Discs (Cont'd)

## Locking-Type

**DC Dynacut Zirconia Alumina**

Diameter	For Use With These Dynabrade Tools		36 Grit	50 Grit	80 Grit
3" (76 mm)	3" (76 mm) Dia. Vacuum Disc Sanders		92041	92042	92043

## Flap Discs Locking-Type







**A/O Aluminum Oxide**

Diameter	For Use With These Dynabrade Tools		40 Grit	60 Grit	80 Grit	120 Grit
2" (51 mm)	2" (51 mm) and 3" (76 mm) Dia. Disc Sanders		A/O 90970	90971	90972	90973
3" (76 mm)			A/O 90924	90925	90926	90927

## 3M™ Ceramic Coated Discs Roloc™

**3M 3M 777F**

Diameter	For Use With These Dynabrade Tools		36 Grit	50 Grit	60 Grit	80 Grit	100 Grit	120 Grit
2" (51 mm)	2" (51 mm) and 3" (76 mm) Dia. Disc Sanders		3M -	-	92027	92028	-	92029
3" (76 mm)			3M -	-	92031	92032	-	92033
4" (102 mm)	4" (102 mm) Dia. Disc Sanders		3M 92047	-	92049	92050	-	-
4-1/2" (114 mm)	4-1/2" (114 mm) Dia. Disc Sanders		3M -	92052	-	92053	92054	92055

## 3M™ Trizact™ Abrasive Discs

**3M 3M™ Trizact™**

Diameter	For Use With These Dynabrade Tools	Connects to	Vacuum Type	Number of Holes	A35 Green	A10 Blue	A5 Orange
1-1/4" (19 mm)	Mini-Dynorbital® Disc Sanders	3M Hook-It™ II	Non-Vac	0	-	-	93192
11-1/4" (286 mm)	Random Orbital and Gear-Driven Sanders	3M Hook-It™ II	Non-Vac	0	91405	91406	91407

# Coated Abrasive Discs (Cont'd)

## 3M™ Cerium Oxide 568XA Discs

**3M** 3M™ Cerium Oxide 568XA

Diameter	For Use With These Dynabrade Tools	Connects to	Vacuum Type	Number of Holes	3M 568XA
11-1/4" (286 mm)	Random Orbital and Gear-Driven Sanders	3M Hook-It™ II	Non-Vac	0	91408



## Scotch-Brite™ Bristle Discs

**3M** 3M



Length	For Use With These Dynabrade Tools	Maximum RPM	50 Grit Green	80 Grit Yellow	120 Grit White
2" (51 mm)	2" (51 mm) and 3" (76 mm) Dia. Disc Sanders	3M 25,000	92015	92016	92017
3" (76 mm)		3M 15,000	92021	92022	92023
4-1/2" (114 mm)	4-1/2" (114 mm) Dia. Disc Sanders	3M 12,000	90915	90916	90917







## 3M™ Clean 'n Strip™ Discs

**3M** 3M™ SXCRS





Length	For Use With These Dynabrade Tools	Dia.	Center Hole	Coarse
1/4" (6 mm)	Dynastraight®	4" (102 mm)	3M 1" (25 mm)	90890
1/2" (13 mm)		5" (127 mm)	3M 1" (25 mm)	90883
		6" (152 mm)	3M 1" (25 mm)	90886

## Non-Woven Nylon Wheels Abrasive Impregnated

**3M** Scotch-Brite™ Surface Conditioning



Length	For Use With These Dynabrade Tools	Dia.	Center Hole	Coarse	Medium
4" (102 mm)	Dynastraight®	3" (76 mm)	3M 1" (25 mm)	—	90871
6" (152 mm)	Dynisher	1" (25 mm)	A/O 1" (25 mm)	—	90866
		2" (51 mm)	A/O 1" (25 mm)	—	90865
		4" (102 mm)	A/O 1" (25 mm)	90870	90864



# Coated Abrasive Flap Wheels


**A/O** Aluminum Oxide

Length	For Use With These Dynabrade Tools	Width	Wheel Thread	Center Hole	40 Grit	50 Grit	60 Grit	80 Grit	120 Grit
2-1/2" (64 mm)	Dynastraight® Flapper 	1" (25 mm)	A/O 1/4"-20 Female	-	-	-	90830	90831	-
4" (102 mm)	Dynisher 	4" (102 mm)	A/O -	3/4" (19 mm)	-	-	-	90851	-

# Coated Abrasive Sanding Stars



## Spindle-Mount Stars

**A/O** Aluminum Oxide

Diameter	For Use With These Dynabrade Tools	Shank Dia.	80 Grit	120 Grit	150 Grit	180 Grit	220 Grit	320 Grit	400 Grit
4" (102 mm)	Lightweight Dyninger 	A/O 1/4" (6 mm)	93166	93167	93168	93169	93171	93172	93173


## Arbor-Mount Stars

**A/O** Aluminum Oxide

Diameter	For Use With These Dynabrade Tools	Center Hole	80 Grit	120 Grit	150 Grit	180 Grit	220 Grit	320 Grit	400 Grit
4" (102 mm)	Lightweight Dyninger 	A/O 1/2" (13 mm)	93392	93393	93394	93395	93396	93397	93398
8" (203 mm)	Dyninger 	A/O 1" (25 mm)	93243	93245	93246	93247	93248	93251	93252

## Eyelet Stars

**A/O** Aluminum Oxide

Diameter	For Use With These Dynabrade Tools	Center Hole	80 Grit	120 Grit	150 Grit	180 Grit	220 Grit	320 Grit	400 Grit
3/4" (19 mm)		A/O 3-48	93579	93580	93581	93582	93583	-	-
1" (25 mm)		A/O 3-48	93586	93587	93588	93589	93590	-	-
1-1/2" (38 mm)		A/O 8-32	93541	93542	93543	93544	93545	93546	93547
2" (51 mm)		A/O 1/4"-20	93551	93552	93553	93554	93555	93556	93557
3" (76 mm)		A/O 1/4"-20	93558	93559	93560	93561	93562	93563	93564
4" (102 mm)		A/O 1/4"-20	93565	93566	93567	93568	93569	-	-

# Coated Abrasive Strips

**A/O** Aluminum Oxide

Length	For Use With These Dynabrade Tools	Width	120 Grit	180 Grit	240 Grit	
2" (51 mm)	 Dynafine® Finger Sander	3/8" (10 mm)	A/O	93940	93941	93942
		3/4" (19 mm)	A/O	93943	93944	93945
1/4" (6 mm)		A/O	90960	90967	-	
1/2" (13 mm)		A/O	90955	90957	-	

# Coated Abrasive Sheets

**A/O** Aluminum Oxide

**SC** Silicon Carbide


Dimensions Width x Length	For Use With These Dynabrade Tools	Connects to	Vacuum Type	Number of Holes	80 Grit	100 Grit	120 Grit	150 Grit	180 Grit	220 Grit	320 Grit	400 Grit	600 Grit	
75 mm x 110 mm	 Dynabug® II Sanders	A/O	PSA	Non-Vac	0	-	-	-	93760	93761	93762	93763	-	-
				Vacuum	4	-	-	-	93765	93766	93767	93768	-	-
			Hook-Face	Non-Vac	0	-	-	-	93785	93786	93787	93788	-	-
				Vacuum	4	-	-	-	93890	93891	93892	93893	-	-
81 mm x 133 mm	 Dynabug® II Sanders	A/O	PSA	Non-Vac	0	-	-	-	93770	93771	93772	93773	-	-
				Vacuum	8	-	-	-	93775	93776	93777	93778	-	-
			Hook-Face	Non-Vac	0	-	-	-	93791	93792	93793	93794	-	-
				Vacuum	8	-	-	-	93895	93896	93897	93898	-	-
			8 (4+4)	-	-	-	93934	93935	93936	93937	-	-		
3-1/2" x 2-3/4" (89 mm x 70 mm)	 Dynafine® Backsplash Sander	SC	PSA	Non-Vac	0	-	-	93130	93131	93132	-	-	-	
3-2/3" x 7" (93 mm x 178 mm)	 Dynabug® and Dynaline Sanders	A/O	PSA	Non-Vac	0	93810	-	93812	-	93814	93815	93816	-	-
			Hook-Face	Non-Vac	0	-	93801	-	93803	93804	-	-	-	-
100 mm x 148 mm	 Dynabug® II Sanders with 56323 Sanding Pad	A/O	Hook-Face	Vacuum	7 (Delta)	-	-	-	93796	93797	93798	93799	-	-
4-1/2" x 7/8" (114 mm x 22 mm)	 Dynafine® Raised Panel Sander	A/O	Hook-Face	Non-Vac	0	-	-	93670	93671	93672	93673	-	-	-
4-1/2" x 4-1/4" (114 mm x 108 mm)	 Dynabug® "Model T" and Dynabug® II with Clips	A/O	Hook-Face	Non-Vac	0	93850	-	93851	-	93852	-	93853	-	-

# DynaMitt Sheets

Coated

**A/O** Aluminum Oxide, Gold

**A/O** Aluminum Oxide

Dimensions Width x Length	For Use With These Dynabrade Tools	Connects to	Backing Type	Weight	80 Grit	120 Grit	180 Grit	320 Grit	400 Grit	600 Grit	
4-3/4" x 7-7/8" (121 mm x 200 mm)	DynaMitt Sanding Glove 	A/O A/O	Hook-Face	Paper	N/A	93882	93883	93884	93885	93887	93888
		A/O A/O	Hook-Face	Cloth	J	93880	-	93881	-	-	-

Non-Woven Nylon

**DB** Dynabrade

Dimensions	For Use With These Dynabrade Tools	Very Fine
4-3/4" x 7-7/8" (121 mm x 200 mm)	DynaMitt Sanding Glove 	DB 93886

Sample Kits

*Each kit contains:*  
 1 non-woven nylon sheet  
 1 each of 180-600 grit paper sheets  
 2 each of 80/120 grit paper sheets  
 2 each of 80/180 cloth sheets

Dimensions	Kit Part No.
4-3/4" x 7-7/8" (121 mm x 200 mm)	DB 93889

# Non-Woven Nylon Sheets



**3M** 3M™ Scotch-Brite™ Clean 'n Finish

**DB** Dynabrade Non-Woven Nylon

Dimensions	For Use With These Dynabrade Tools	Medium	Fine	Very Fine	Super Fine
4" x 7" (102 mm x 178 mm)	Dynaline Sanders 	3M -	-	94956	-
4-1/2" x 7/8" (114 mm x 22 mm)	Dynafine® Raised Panel Sander 	DB 93674	-	93675	93676

# Coated Abrasive Rolls


**3M** 3M Stikit Gold 216U

Width	For Use With These Dynabrade Tools	Connects to	80 Grit	100 Grit	120 Grit	150 Grit	180 Grit
2-3/4" (70 mm)	Dynaline Sanders 	3M PSA	93000	93001	93002	93003	93004
3-2/3" (93 mm)	Dynabug® Sanders 	3M PSA	93030	-	93032	93033	93034

# Dynascalers Flaps and Hub


Flaps, Type C

**3M** 3M™ Roto Peen

Flap Size	For Use With These Dynabrade Tools	Heavy Duty
2" (51 mm)	Dynascalers 	3M 39002

Hub

**DB** Dynabrade

Width	For Use With These Dynabrade Tools	Part No.
2-1/4" (57 mm)	Dynascalers 	DB 30330



# Reinforced Depressed Center Wheels

Type 27

**A/O** Aluminum Oxide

Diameter	For Use With These Dynabrade Tools	Center Hole	24 Grit
2" (51 mm)	2" (51 mm) Dia. Depressed Center Wheel Grinders	3/8" (10 mm)	90999



A/O

# 3M™ Green Corps™ Cut-Off Wheels

3/8" (10 mm) Center Hole

**3M** 3M

Diameter	For Use With These Dynabrade Tools	Thickness	24 Grit
3" (76 mm)	3" (76 mm) or 4" (102 mm) Cut-Off Wheel Tools	1/16" (2 mm)	94910
4" (102 mm)		1/32" (1 mm)	94911



3M

3M





# Diamond Cut-Off Wheels
















Diameter	For Use With These Dynabrade Tools	Arbor	Center Hole	Wheel Thickness	Diamond Grit Wrap	Wheel Type	Part No.
3" (76 mm)	3" (76 mm) Dia. Cut-Off Wheel Tools	-	3/8" (10 mm)	3/32" (2 mm)	1/8" (3 mm)	Continuous Rim	93917
						Side Spoked	93646
4" (102 mm)	4" (102 mm) Dia. Cut-Off Wheel Tools	3/4" (19 mm)	-	3/32" (2 mm)	1/8" (3 mm)	Continuous Rim	93920
						Side Spoked	93649
						Gulleted/Slotted	93661
4-1/2" (114 mm)	4-1/2" (114 mm) Dia. Cut-Off Wheel Tools	-	3/8" (10 mm)	3/32" (2 mm)	1/8" (3 mm)	Gulleted/Slotted	94912
5" (127 mm)	5" (127 mm) Dia. Cut-Off Wheel Tools	3/4" (19 mm)	-	3/32" (2 mm)	1/8" (3 mm)	Continuous Rim	93921
						Side Spoked	93650
						Gulleted/Slotted	93662










# Bi-Metal Reciprocating Saw Blades

Length x Width	For Use With These Dynabrade Tools	Thickness	Shank	Teeth per Inch	Shape	Part Number
6" x 3/4" (152 mm x 19 mm)		.05" (1.3 mm)	1/2" (13 mm)	6		90934
				18		90937
				10		90939

# Reciprocating Files

Length	For Use With These Dynabrade Tools	File Type	Cut Type	Shank Dia.	Shape	Part Number
3-1/2" - 4" (89 mm - 102 mm)		Straight	Medium Cut 1	1/8" (3 mm)	Equaling 	90900
					Square 	90910
					Three Square 	90920
					Half Round 	90930
					Crochet 	90940
					Round 	90950
		Curved	Fine Cut 1	1/8" (3 mm)	Equaling 	90901
					Square 	90911
					Three Square 	90921
					Half Round 	90931
					Crochet 	90941
					Round 	90951

Length	For Use With These Dynabrade Tools	Shank Dia.	Shape	"00" Very Coarse	"0" Coarse
6" (152 mm)		5/32" (4 mm)	Pillar 	90980	90985
			Half Round 	90981	90986
			Round 	90982	-
		1/4" (6 mm)	Triangular 	90983	90988
			Square 	90984	90989
		1/8" - 1/4" Tapered (3 mm - 6 mm)	Reciprocating Filers	Foundry 	90985



## ***Product & Safety Information***

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# Safety Comes First

## Maximizing Value Through Proper Use and Care

### General Safety Information

- Do not use Dynabrade® Abrasive Power Tools for anything other than their intended application.
- For best performance, use a recommended air line filter-regulator-lubricator to always maintain 90 PSIG (6.2 Bar), unless otherwise stated. Pressure should be checked at the tool inlet while the tool is running.
- Do not expose air tool to inlet pressure above 90 PSIG (6.2 Bar).
- Always use recommended air hose, fittings and couplers and inspect them for wear and damage and replace when necessary.
- On regular basis check free speed of power tool with tachometer to ensure proper functionality of tools.
- A tool with unusual sound and /or vibration must not be operated and must be inspected and repaired. Hand/wrist/arm injury may result from repetitive motion or prolonged exposure to vibration.
- A preventative maintenance schedule is recommended to insure the proper functionality of power tools.
- Never lubricate or clean tools with flammable or volatile liquids.
- Dynabrade® Power tool labels must be legible at all times. If not, reorder label(s) and replace.
- To prevent injury, always use eye, face, respiration, hearing and body protection while operating or in areas where abrasive power tools are being operated.
- Be sure that any loose clothing, hair and all jewelry is properly restrained.
- Keep hand and clothing away from working end of the power tool.
- Always work with firm footing, posture and proper lighting.
- Do not apply excessive force on a tool or apply “rough” treatment to the tool.
- Operate power tools with attention to the consistency of the work environment and the tool itself.
- Follow safety procedures posted in work area.
- Make sure that the work area is uncluttered, and visitors are at a safe range from the tools and debris.
- Use a vise or clamping device to hold work piece firmly in place.
- Electric Machines – Make sure proper electrical codes are followed, including safe wiring and proper grounding.

### Accessories and Abrasives

- Tool RPM must never exceed accessory RPM rating. Check accessory manufacturer for details on maximum operating speed or special mounting instructions.
- Always disconnect power before changing accessories or making machine adjustments and repairs.
- The aluminum Dynaswivel® air line connector or similar accessories must never be used on percussion tools such as chippers and rammers.
- Do not use damaged, bent or severely worn accessories.
- When using any tool with an abrasive product, follow all safety guidelines of abrasive manufacturers.

### Safe Operating Practices for Grinders and Sanders

- Every person involved in operating, repairing and/or supervising grinding machines or wheels should be familiar with the contents of ANSI B7.1.

- Never mount non-reinforced grinding wheels on any Dynabrade tool.
- If the speed is higher than the RPM marked on the tool, the tool must be serviced to correct the cause of the over speed condition before use.
- Always use required wheel guards. Never remove a wheel guard that has been specified for the machine. Damaged, bent and severely worn guards must be replaced.
- Improper mounting of grinding wheels is one major cause of grinding wheel failure. Each type of grinding wheel requires a different mounting method, spindle diameter and flange dimension.
- In every case, the Safety Code (ANSI B7.1) should be consulted for proper handling, storage, inspection and mounting information.
- All grinding wheels and mounting accessories should be closely inspected before installation and use.
- Protect accessories from exposure to water, solvents, high humidity, freezing temperatures and extreme temperature changes. Store accessories in protective racks or compartments to prevent damage.
- When using a new grinding wheel, or one that has been out of service for an extended period of time, the operator should start the machine under a steel workbench with proper wheel guard in place. It should be run for at least one minute. If the wheel is defective or improperly mounted, this is the time it will usually fail.
- Proper machine maintenance procedures are one of the most important aspects of safety in the use of abrasive wheels. Particular attention should be placed to those components or parts which can effect the speed (RPM) of a tool, such as governors on air grinders.

### Machine Specifications

Machine specifications are believed to be accurate at time of printing. However, due to design changes, exact specifications of current tools may vary from the listed data.

It is our policy to test and measure our tools in a ready-to-use condition and to state the test results in industry-accepted terms. Dynabrade measures typical production tools using the recommended air hose size, 90 PSIG air line pressure measured at tool inlet, and all muffling and speed control mechanisms. Compromises to these real-use operating conditions can artificially enhance performance measurements.

#### For tool specifications listed in this catalog:

- **HOSE SIZE** denotes the recommended inside diameter of the air hose that should be used with the tool for maximum performance.
- **WEIGHT** includes all the parts required to run the tool except the airline, abrasive, or attachment.
- **RPM** is measured under no-load conditions.
- **HORSEPOWER** is an averaged maximum rating of production tools under ready-to-use conditions.
- Maximum air flow is measured in **STANDARD CUBIC FEET PER MINUTE (SCFM)** and is an averaged maximum rating, recorded at free speed on non-governed tools or at maximum horsepower on governed tools. Dynabrade adheres to this standard of measurement.

It is usually sufficient to directly compare the SCFM of the tool with the compressor's inlet CFM rating to determine how many tools a particular compressor will run. Depending upon the duty cycle of the tools, a compressor with a storage tank may allow it to run tools with a larger consumption than it's output.

- **SOUND LEVEL** is the sound pressure measurement according to the method outlined in ISO regulation ISO-15144.

# Safety Guidelines

## For Various Abrasive Tools

Air Tool Type	Mounting Features					Guard Requirements	Diagram Proper Mounting Procedure
	Abrasive Size	Backup Flange	Blotters	Front Flange	Additional Hardware		
Type 27 Depressed Center Wheel Grinders	All	Driving Flange, Requires a Special Adapter	—	1/3 of wheel diameter, may be smaller to just fit within wheel recess. Requires Special Boss Diameter to extend within Wheel bore	Adapter on rear side of wheel which extends beyond raised hub of wheel	180° operator protection Extend beyond Wheel Face Lip Feature required	
	Alternate Flanging for wheels less than or equal to 05" with 05/8" or 07/8" Centerbores	Driving Flange, Matching diameter to Front Flange	—	1/3 of wheel diameter, may be smaller to just fit within wheel recess. Requires Special Boss Diameter to extend within Wheel bore	—	180° operator protection Extend beyond Wheel Face Lip Feature required	
Type 1 Wheel Grinders	Up to 4"	Driving flange, Relieved Flange face, 1/3 Wheel Diameter minimum	Required on Both Sides of Wheel	Matching Diameters as Backup Flange	Retaining Nut Required	180° operator protection Extend beyond Wheel Face Lip Feature required	
Type 1 Cut-Off Wheel Tools	Up to 4"	Driving flange, Relieved Flange face, 1/4 Wheel Diameter minimum	Recommended	Matching Diameters as Backup Flange	—	180° operator protection Extend beyond Wheel Face Lip Feature required	
Cone or Plug Grinders	Wheel Ø 1 5/8 2 1 3 1 4 1-3/8 5 1-3/4 6 2	Min thickness 1/8 1/8 3/16 3/16 1/4 3/8	Required Between Flange and Abrasive	—	—	—	
	All	—	—	—	—	—	<p>Excessive Overhang reduces bit MDS Refer to Standards Shaft should be inserted 1" minimum. Bits less than 2" should be inserted at least 1/2 the bit length.</p>
NOTE: intended for general reference use only.							Always refer to ANSI B7.1, B186.1 and EN 792 for detailed requirements.

# Recommended Air System

*Pneumatic Power Tools Have Several Advantages over Electric Power Tools*

## Pneumatic Power Tools Have Several Advantages over Electric Power Tools

One of the major advantages is durability, however, to make full use of that advantage some important steps must be followed.

### A sufficient supply of compressed air is necessary

The air system must be able to deliver an adequate volume of air and maintain the rated operating pressure at the inlet of the tool.

### Lubrication (oil) through the air supply is important

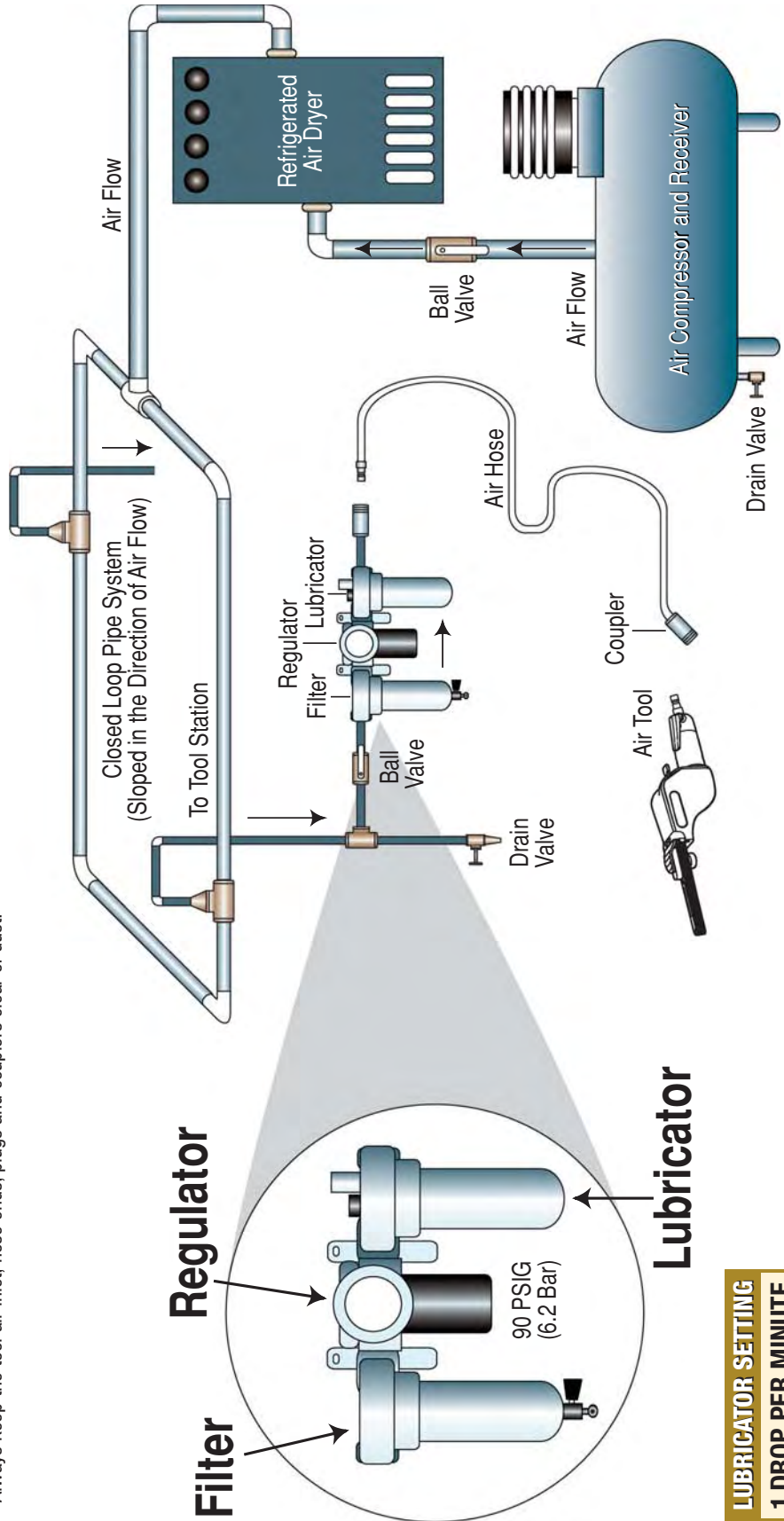
Supplying oil to rotary vane air motors reduces friction and wear of the moving parts and provides protection for steel components.

### The supply of air must be free of contamination

The types of contamination that need to be eliminated are water (condensation produced by the temperature change while compressing the air), rust scale (rust particles produced inside iron pipes), and atmospheric dust, (dust that is pulled into the compressor from the work environment). Also, it is important to keep dust and debris from entering the air motor when the tool is disconnected from the air supply hose. Always keep the tool air inlet, hose ends, plugs and couplers clear of dust.

### Filter-Regulator-Lubricator is Recommended

As an air tool manufacturer, Dynabrade recommends the use of a Filter-Regulator-Lubricator at each tool station. We also encourage the use of correctly sized accessories that will deliver a sufficient supply of air. Some examples of Dynabrade air tool accessories are Dynaswivel® airline connectors, quick disconnect fittings, and in-line blow guns. All of these accessories make for suitable additions to any compressed air system.



**Filter**

**Regulator**

**Lubricator**

90 PSIG  
(6.2 Bar)

**LUBRICATOR SETTING**  
**1 DROP PER MINUTE**  
**20 SCFM (566 LPM)**



# Selecting a Compressor

## Guidelines for Matching Proper Compressor to Workplace

### A) Compressor Type *Base on your PSIG (Bar) needs*

**0 to 80 PSIG (5.5 Bar)**– You may only need a single stage compressor.

**80 to 250 PSIG (17.2 Bar)**– You will need a two-stage compressor.

Two-stage compressors are recommended when tool use is continuous.

**Note:** Dynabrade air tools require operating air pressure of 90 PSIG (6.2 Bar).

### B) Air Consumption

Determine the total demand SCFM (LPM). List the requirements for all equipment, tools and other air consumption variables (both continuous and intermittent air usage demands).

### C) Compressor Horsepower (hp)

Use the determined total demand SCFM (LPM) and add approximately 20% for system variables.

Add \_\_\_\_\_% for (your) future growth.

If the above total equals less than 100 SCFM (2,832 LPM) divide this total by 4 to find the compressor hp.

If the total is over 100 SCFM (2,832 LPM) divide by 5 to find the compressor hp.

**Example:** System requirements = 165 SCFM (4,673 LPM) @ 100 PSIG (6.9 Bar)

$$165 \div 5 = 33 \text{ hp}$$

Resulting in a suggested compressor size:

**30 hp to 40 hp** compressor

### D) Tank Size

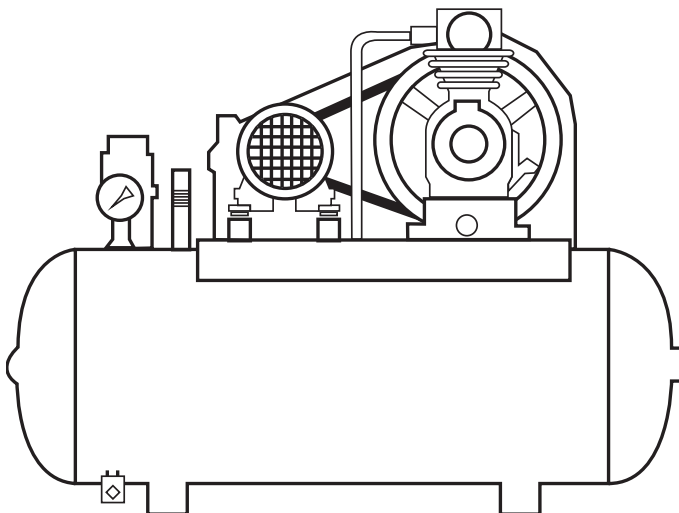
As a general rule, the larger the tank, the better the system. Use a larger tank for installations where large flows of short duration are needed.

**Example:** For a 5 hp compressor use a **60 Gal. (227 L)**, **80 Gal. (303 L)** or **120 Gal. (454 L)** storage tank.

### E) Controls

**Stop-Start** – The motor stops when the compressor unloads and starts again when the pressure in the receiver drops. Use a stop-start pressure switch control for a small system. (Compressors up to 15 hp.)

**Continuous Run** – Equipped with constant pressure control, loading and unloading as the supply of compressed air in the receiver drops or reaches a maximum.



# Maintaining Adequate Air Flow

## Prevent and Eliminate Air Supply Restrictions

### Common Causes of Restriction

- The air supply hose is too long.
- The inside diameter (i.d.) of the hose is too small.
- The air connections or fittings have inside diameters that are too small.
- There are too many air connections or fittings being used.
- If an inline filter is being used, the unit may be too small or the filter element may be plugged.
- If an inline regulator is being used, the unit may be too small, not adjusted properly or defective.
- The air supply hose, air fitting, air tool inlet or air tool exhaust may be plugged.
- If the air tool has a speed regulator, it may be closed.

### Air Hose Supply

- Use the air supply hose with the correct inside diameter as is recommended by the air tool manufacturer.
- Use the shortest air supply hose possible for the task being performed.
- Longer air supply hoses require larger inside diameters.
- Coiled air supply hoses appear much shorter than they actually are. When using a coiled hose, make sure that the inside diameter is large enough to compensate for the length (see chart below).

### Air Supply Hose Recommended Chart

- Choose the correct Inside Diameter (I.D.) and Length of Air Supply Hose.

**NOTE:** To increase the length of air supply hose it will be necessary to increase the inside diameter of the hose.

Air Motor SCFM (Standard Cubic Feet per Minute)	Hose & Fitting I.D. Required	Recommended Length Air Supply Hose
22 SCFM (623 LPM)	1/4" (8 mm)	1' - 8' (0.3048 m – 2.44 m)
28 SCFM (793 LPM)	3/8" (10 mm)	1' - 25' (0.3048 m – 7.6 m)
35 SCFM (991 LPM)	3/8" (10 mm)	1' - 20' (0.3048 m – 6.10 m)
45 SCFM (1,274 LPM)	3/8" (10 mm)	1' - 10' (0.3048 m – 3.042 m)
73 SCFM (2,067 LPM)	1/2" (15 mm)	1' - 20' (0.3048 m – 6.10 m)

### Flexible Air Supply Hoses (Available from Dynabrade)

- 3/8" I.D. with two male 1/4" NPT fittings. **Part No. 11292** - 8 feet (2.44 m) long
- 1/2" I.D. with one male and one female 1/2" NPT fitting. **Part No. 95870** - 5 feet (1.53 m) long

### Air Supply Connectors/Accessories

- Compare airflow SCFM (LPM)



**Common Plug Connector**  
25 SCFM (708 LPM)  
.2010 in. (5.11 mm) I.D.



**Dynabrade Plug Connector**  
76 SCFM (2,152 LPM)  
.3070 in. (7.80 mm) I.D.

**NOTE:** All information is based on the size of the Inside Diameter @ 90 PSIG (6.2 Bar) in conjunction with the mating coupler.

### How to Measure a Typical Plug

**NPT**  
(National Pipe Thread)  
is the thread size.  
(i.e. 1/4" NPT)



# Healthy Work Environment

*The Term "Ergonomics" can Simply be Defined as the Study of Work*

## Ergonomics

Ergonomics helps adapt the job to the person, rather than forcing the person to fit the job. Adapting the job to fit the worker can help reduce ergonomic stress and eliminate many potential ergonomic disorders. The objective of ergonomics is to adapt the job and workplace to the worker by designing tasks, work stations, tools and equipment that are within the worker's physical capabilities and limitations. Major causes of many current ergonomic problems are technological advances such as more specialized tasks, higher assembly line speeds, and increased repetition, plus a lack of ergonomically designed technologies. Consequently,

worker's hands, wrists, arms, shoulders, backs and legs may be subjected to thousands of repetitive twisting, forceful or flexing motions during a typical workday. In many instances, some machine tools and work environment are often poorly designed, placing undue stress on the worker's tendons, muscles and nerves. Recognizing ergonomic hazards in the workplace is the essential first step in correcting the hazards and improving worker protection. The proper Dynabrade tool and work environment can help reduce the contributing factors associated with cumulative trauma disorders.

## Dynabrade Tools Meet the Following High Quality Standards

Ergonomics and operator comfort have worked their way into each Dynabrade air tool design. Factors including, vacuum, vibration, insulation and noise (VVIN) are addressed at every integral design stage. VVIN is now critical to our research and development of new products as we continue to meet the challenging needs of the market place.

### Vacuum

Airborne sanding particles can cause severe inflammation of the eyes and lung tissue, varying on the degree of exposure and the type of airborne contaminants involved. It is because of this danger that Dynabrade manufactures self-generated and central vacuum tools that direct airborne sanding particles away from the operator and the air motor, reducing contamination and the cause of risk to the operator.



### Vibration

All hand-held machines transmit vibration to an operator's hand while in operation. Operators that work with vibrating machines for extended periods of time risk many types of injury. The most common are vascular injury, nerve injury, skeletal injury and joint injury. To help reduce vibration, we have built-in features such as composite housings and rubber overmolds, plus superiorly balanced motors and shafts. In addition, Dynabrade premium Sanding Pads are manufactured with unique one-piece hub assembly, ensuring lower vibration levels.

### Insulation

Cold caused by pneumatic powered tools can cause a variety of work related injuries. Dynabrade manufactures a variety of tools with thermal-insulated housings that help prevent cold temperature transmission to the operator, reducing the risk of white finger disease and other related injuries.



### Noise

High sound levels over an extended period of time can damage hearing. New enhancements to muffling systems, exhaust overhose protection and other tool design factors further reduce tool sound levels in the workplace.

### Properly Designed Tool

An example of how a properly designed tool assists in reducing work injuries is Dynabrade's 7° Offset, Gearless Front Exhaust Die Grinder:

- Lightweight composite housing with anti-slip ring reduces cold air transmission to operator's hand.
- Handle is offset 7° for greater operator comfort and control.
- Gearless design reduces vibration.
- Smaller collet design reduces excessive run-out and reduces vibration.
- Low profile for greater operator control to work in hard to reach areas.



### Unique Vacuum Design

Anti-clog design enhances vacuum pick-up and directs dust away from the air motor. Ask about our self-contained dust collection systems and vacuum shrouds.



### Less Vibration

Composite base and integrated rubber over-mold create a non-slip feel and insulate from cold air.

### Insulated Handle

Helps insulate from cold air... now standard on most tools.



### Low Sound Levels

Rear exhaust muffler standard on many models.

### Optional Overhose Assembly

May be used to further reduce noise levels by as much as 5 dB(A). Overhose redirects exhaust away from operator and workpiece.





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13120	35	15302	18	51205	89	51474	78	52103	105	52315	99
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13320	43	40352	12	51311	101	51707	93	52213	103	52373	125
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# DYNABRADE *Red*

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*The name Dynabrade Red identifies a separate line of tools targeted at the value-minded professional. These portable air tools are designed for workplaces with non high-production applications. As such, Dynabrade Red tools carry the following six-month warranty:*

Following the reasonable assumption that any inherent defect which might prevail in a product will become apparent to the user within 6 months from the date of purchase, "Dynabrade Red" tools are warranted against defects in workmanship and materials under normal use and service. We shall, at our option, repair or replace at our factory, any "Dynabrade Red" tool which shall, within 6 months after delivery to the original purchaser, indicate upon our examination to have been defective. Our obligation is contingent upon proper use of "Dynabrade Red" tools in accordance with factory recommendations, instructions and safety practices. The warranty shall not apply in these cases: Normally wearable parts such as bearings, rotor blades, etc. Consumables such as sanding pads, etc. Misuse, neglect in maintaining tool or tool modification. Lack of lubrication or evidence of rust, dirt or corrosion. Tools requiring normal tune-up or cleaning. Tools being used after they are badly worn such as using ratchet with worn yoke. Ratchet anvils damaged by excessive hand torquing. Use in production-type applications. Products, to be considered for warranty, must be sent back to our factory, transportation prepaid by user. Please send tool back to attention "Repair Department" with note fully explaining the nature of the problem along with a copy of original invoice indicating model and serial number. Return product to: Dynabrade, Inc., Attn. Repair Department, 8989 Sheridan Drive, Clarence, NY 14031-1490.



**Continued Leadership In Portable Abrasive Power Tool Technology**

[www.dynabrade.com](http://www.dynabrade.com)



# DynaZip Air Tool

## Surface Preparation Tool, 4" Diameter

**ABRASIVE  
CAPACITY**
**WIRE WHEELS  
& ERASER WHEELS**  
4" dia. (102 mm)

### Portable Air Tools for the Value-Minded Professional

- Excellent power for effectively removing seam sealer and paint.
- DynaZip tool outperforms conventional spiral-wound wheels without clogging.
- Tool duplicates sand-blasting effect without surface fatigue.

#### Model 18255 *DynaZip Tool with Wire Wheel*

- Tool with wheel guard and handle. Also includes 92245 Wire Wheel (4" dia. x 3/4" wide) and 92284 Hub Assembly. (Hub Assembly includes bolt, hub shield, hub cushion and drive plates for mounting either Wire Wheel or Eraser Wheel.)

#### Model 18253 *DynaZip Tool Only*

- Tool with wheel guard and handle only; no accessories.



Model 18255

#### Model 18258 *DynaZip Eraser Tool*

- Tool with wheel guard and handle. Also includes 92255 Eraser Wheel (4" dia. x 1-3/16" wide) and 92284 Hub Assembly. (Hub Assembly includes bolt, hub shield, hub cushion and drive plates for mounting either Wire Wheel or Eraser Wheel.)
- Excellent for removing two-sided adhesive molding tape and decal material.
- Eraser Wheel has serrations for improved cooling effect air flow. Also resists heat buildup and reduces "jumping" and vibration.



Model 18258

#### Model 18256 *DynaZip Versatility Kit*

- 18255 DynaZip Tool
- 92244 Coarse Wire Wheel (1/2" wire bristle width x 3/4" wide band)
- 92245 Coarse Wire Wheel (3/4" wire bristle width x 3/4" wide band)
- 92255 Eraser Wheel
- 92284 Wheel Hub Assembly



Model 18256

Model Number	Motor hp (W)	Motor RPM	Sound Level	Maximum Air Flow SCFM (LPM)	Hose I.D. Size Inch (mm)	Air Inlet Thread	Spindle Thread	Weight Pound (kg)	Length Inch (mm)	Height Inch (mm)
18255	.4 (298)	3,200	87 dB(A)	28 (793)	3/8 (10)	1/4" NPT	1/4"-20 Male	2.5 (1.1)	12 (305)	5-1/2 (140)
18258	.4 (298)	3,200	87 dB(A)	28 (793)	3/8 (10)	1/4" NPT	1/4"-20 Male	2.5 (1.1)	12 (305)	5-1/2 (140)

Additional Specifications: Air Pressure 90 PSIG (6.2 Bar)



# Auto File II

## Multi-Purpose Abrasive Belt Tool

**ABRASIVE CAPACITY**  
**ABRASIVE BELTS**  
 1/2" - 3/4" wide x 18",  
 20-1/2" long (13 mm - 19 mm  
 x 457 mm, 521 mm)

**Portable Air Tools for the Value-Minded Professional**

### Model 18100 For 18" Long Belts

- Excellent multi-purpose tool for grinding sharp metal edges, rusted bolts, welds, etc. Effective for blending, scuffing grooves and contours.
- Tool includes 11206 Contact Arm for coated abrasive and non-woven nylon belts, 3/4" wide by 18" long.
- Will also run belts 1/2" wide by 18" long. (See page 14 for full array of compatible Contact Arms.)



### Model 18101 For 20-1/2" Long Belts

- Tool includes 11287 Contact Arm for coated abrasive and non-woven nylon belts, 5/8" or 3/4" wide by 20-1/2" long.

### Four-In-One Versatility Kit: Belt Tool • Die Grinder • Cut-Off Tool • Disc Sander

- Each kit includes these convenient, quick-change accessories: 50010 Collet (1/4"), 50292 Cut-Off Guard, 50269 Flange, 51347 Locking-Type Pad (3" dia., 3/8"-24), 40014 Belt Housing Assembly, 94300 Dynaswivel® (see page 163), Abrasive Belt, Abrasive Disc, Wrenches, all in deluxe carrying case.



### Model 18025 For 18" Long Belts

- 18100 basic tool, with 11206 Contact Arm for coated abrasive and non-woven nylon belts, 3/4" wide by 18" long.

### Model 18026 For 20-1/2" Long Belts

- 18101 basic tool, with 11287 Contact Arm for coated abrasive and non-woven nylon belts, 5/8" or 3/4" wide by 20-1/2" long.

# Disc Sanders

## 2" and 3" Diameter

**ABRASIVE CAPACITY**  
**ABRASIVE DISCS**  
 2" and 3" Diameters  
 (51 mm and 76 mm)

**Portable Air Tools for the Value-Minded Professional**

- 7° offset handle for added comfort and control. Tool includes safety-lock lever. Gearless design; front exhaust.
- Composite tool grip absorbs vibration and reduces cold air transmission to the operator.

### Model 18160 For 2" Diameter Abrasive Discs

- Includes locking-type disc pad, 2" diameter.

### Model 18180 For 3" Diameter Abrasive Discs

- Includes locking-type disc pad, 3" diameter.



Model Number	Motor hp (W)	Motor RPM	Sound Level	Maximum Air Flow SCFM (LPM)	Hose I.D. Size Inch (mm)	Air Inlet Thread	Spindle Thread	Weight Pound (kg)	Length Inch (mm)	Height Inch (mm)
18100	.5 (373)	20,000	79 dB(A)	22 (623)	3/8 (10)	1/4" NPT	-	2.8 (1.3)	15 (381)	5 (127)
18160	.5 (373)	20,000	78 dB(A)	22 (623)	3/8 (10)	1/4" NPT	1/4"-20 Male	1.8 (0.8)	8-1/2 (216)	5-1/2 (140)
18180	.5 (373)	20,000	78 dB(A)	22 (623)	3/8 (10)	1/4" NPT	3/8"-24 Male	1.9 (0.9)	8-1/4 (210)	5-1/4 (133)

Additional Specifications: Air Pressure 90 PSIG (6.2 Bar)



# Die Grinders

## Straight Line, Right Angle, 7° Offset

**ABRASIVE  
CAPACITY**
**CARBIDE BURRS, ROTARY  
FILES, MOUNTED POINTS,  
WHEELS AND DISCS**

### Portable Air Tools for the Value-Minded Professional

#### Straight Line Die Grinder

- Compact, lightweight design.
- Includes safety-lock lever; rear exhaust.
- Smooth, efficient air motor with built-in speed regulator.
- Composite tool grip absorbs vibration and reduces cold air transmission.

#### Model 18000 .4 hp, 1/4" Collet    Model 18001 .4 hp, 6 mm Collet

- Optional 1/8" collet insert: 18432.
- Optional 6 mm collet insert: 18431.

#### Model 18230 .5 hp, 1/4" Collet

- Optional 1/8" collet insert: 18432.

Model 18000



#### Right Angle Die Grinder

- Compact, lightweight design permits easy access to tight areas.
- Includes safety-lock lever; rear exhaust.
- Composite tool grip absorbs vibration and reduces cold air transmission to operator.

#### Model 18010 1/4" Collet    Model 18011 6 mm Collet

- Optional 1/8" collet insert: 18432.
- Optional 6 mm collet insert: 18431.

Model 18010



#### Model 18020 7° Offset Die Grinder

- 7° offset handle offers added comfort and control.
- Gearless design for reduced downtime and maintenance.
- Includes 1/4" collet. Front exhaust.
- Composite tool grip absorbs vibration and reduces cold air transmission to operator.

Model 18020



#### Model 18015 Die Grinder / Disc Sander Kit

- Kit offers two tools in one! Comes complete with accessories for easy conversion to Die Grinder or Disc Sander.
- Ideal for surface preparation, scuffing, deburring, etc.
- Includes 18010 Die Grinder (see above), Locking-type backup pad (3" diameter), 1/4"-20 shank, 94300 Dynaswivel® (see page 163), assortment of 3" diameter abrasive discs (coated and non-woven nylon), all in durable carrying case.



Model 18015

Model Number	Motor hp (W)	Motor RPM	Sound Level	Maximum Air Flow SCFM (LPM)	Hose I.D. Size Inch (mm)	Air Inlet Thread	Spindle Thread	Weight Pound (kg)	Length Inch (mm)	Height Inch (mm)
18000	.4 (298)	25,000	87 dB(A)	28 (793)	3/8 (10)	1/4" NPT	–	1 (.45)	6-1/2 (165)	1-3/4 (44)
18010	4 (298)	20,000	87 dB(A)	19 (538)	3/8 (10)	1/4" NPT	–	1.3 (.59)	6-1/2 (165)	3 (76)
18020	.5 (373)	20,000	78 dB(A)	22 (623)	3/8 (10)	1/4" NPT	–	1.9 (0.9)	8 (203)	5-3/4 (146)
18230	.5 (373)	20,000	91 dB(A)	28 (793)	3/8 (10)	1/4" NPT	–	1 (.45)	6-1/2 (165)	1-3/4 (44)

Additional Specifications: Air Pressure 90 PSIG (6.2 Bar)


**FASTTRACK**

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# Cut-Off Wheel Tools

## 7° Offset and Long Neck

**ABRASIVE CAPACITY**  
**CUT-OFF WHEELS**  
 3" dia. (76 mm) with  
 3/8" (10 mm) center hole

Portable Air Tools for the Value-Minded Professional

### Model 18080 7° Offset Cut-Off Wheel Tool

- Accepts optional Cut-Off Wheels, 3" in diameter with 3/8" center hole.
- 7° offset handle provides maximum comfort and control.
- Gearless design for reduced downtime and maintenance.
- Front exhaust keeps work surface clear. 20,000 RPM.
- Composite tool grip absorbs vibration and reduces cold air transmission to operator.
- **Important:** Speed of tool must not exceed maximum operating speed of accessory. Always use proper guards, wear eye gear and body protection.



### Model 18075 Long Neck Cut-Off Wheel Tool

- Accepts optional Cut-Off Wheels, 3" in diameter with 3/8" center hole.
- Extension design offers easy access to tight or confined areas. Design also allows for easier straight-type cuts. Also offers improved visibility of work piece.
- Rear exhaust; 20,000 RPM.
- Composite tool grip absorbs vibration and reduces cold air transmission to operator.
- **Important:** Speed of tool must not exceed maximum operating speed of accessory. Always use proper guards, wear eye gear and body protection.



# Impact Wrench

## Pin Retainer Design for Single Socket Use

Portable Air Tools for the Value-Minded Professional

### Model 18063 Impact Wrench, 1/2" Drive

- For efficient loosening and tightening of bolts, lug nuts, etc. Pistol grip with easy on/off trigger.
- Tool's pin retainer design offers optimum long-term use of single socket.
- Ideal for industrial operators employing one socket per wrench.
- Adjustable torque settings (torque: 600 ft./lbs.).
- 7,000 RPM; rear exhaust.



Model Number	Motor hp (W)	Motor RPM	Sound Level	Maximum Air Flow SCFM (LPM)	Hose I.D. Size Inch (mm)	Air Inlet Thread	Spindle Thread	Weight Pound (kg)	Length Inch (mm)	Height Inch (mm)
18063	-	7,000	89 dB(A)	28 (793)	3/8 (10)	1/4" NPT	-	6 (2.7)	7-3/4 (197)	7-3/4 (197)
18075	.5 (373)	20,000	87 dB(A)	28 (793)	3/8 (10)	1/4" NPT	-	2 (0.9)	12 (305)	3-1/2 (89)
18080	.5 (373)	20,000	85 dB(A)	22 (623)	3/8 (10)	1/4" NPT	-	2.2 (1)	8-3/4 (222)	5 (127)

Additional Specifications: Air Pressure 90 PSIG (6.2 Bar)



# Buffer

## 3" Diameter

ABRASIVE  
CAPACITYPOLISHING BUFFS  
3" (76 mm) diameter

Portable Air Tools for the Value-Minded Professional

### Right Angle Buffer, 3" Diameter

- Tool includes 50126 Hook-Face Backup Pad (3" dia.) and 90034 Wool Buff (3-1/2" dia.).
- Ideal for buffing and polishing in small areas.
- Built-in speed control.
- 3/8"-24 male spindle. Safety-lock lever. Rear exhaust.

**Model 18055** 2,300 RPM

**Model 18056** 3,200 RPM



Model Number	Motor hp (W)	Motor RPM	Sound Level	Maximum Air Flow SCFM (LPM)	Hose I.D. Size Inch (mm)	Air Inlet Thread	Spindle Thread	Weight Pound (kg)	Length Inch (mm)	Height Inch (mm)
18055	.4 (298)	2,300	87 dB(A)	28 (793)	3/8 (10)	1/4" NPT	3/8"-24 Male	2 (0.9)	10-3/8 (263)	2-1/2 (63)
18056	.4 (298)	3,200	87 dB(A)	28 (793)	3/8 (10)	1/4" NPT	3/8"-24 Male	2 (0.9)	10-3/8 (263)	2-1/2 (63)

Additional Specifications: Air Pressure 90 PSIG (6.2 Bar)

### Model 18058 Buffer/Spot Repair Kit

- Excellent kit for spot repair and buffing/polishing. Angle-head tool permits access to difficult areas. Kit includes:
- 18055 2,300 RPM tool
- 50122 3" Hook-Face Backing Pad (3/8"-24)
- 90027 3" Terry Cloth Bonnet
- 90028 3" Synthetic Wool Pad
- 90034 3" Natural Wool Pad
- 90038 3" White Polishing Foam Pad
- 90044 3" Yellow Cutting Foam Pad
- 95723 4 oz. Finesse Creme
- 95727 4 oz. Dynabrade Glaze
- 54034 Random Orbit Sanding Head
- 54018 1-1/4" Sanding Pad
- 93191 Sample 9-Micron 1-1/4" Abrasive Discs
- 94300 Dynaswivel®
- Wrenches for Accessory Changes
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