

Power Threading Machines

MODEL 535A AUTOMATIC THREADING MACHINE (CONTINUED)

| Catalog No. | Model No. | Description | Die Head | RPM | Voltage | | Phase | Motor Type | Amp Draw | Power | Weight | |
|-------------|-----------|--|----------|----------|---------|----|-------|------------|----------|-------|--------|-----|
| | | | | | V | Hz | | | | | lb. | kg |
| 84097 | 535A | ½" - 2" NPT Automatic Chuck Machine | 811A | 16/46/58 | 120 | 60 | 1 | Induction | 18 | 2 HP | 350 | 159 |
| 91142 | | Automatic Chuck Machine Only - No Die Head or Dies | | 16/46/58 | 120 | 60 | 1 | Induction | 18 | 2 HP | 340 | 155 |
| 91322 | | ½" - 2" NPT Automatic Chuck Machine | 816/817 | 16/46/58 | 120 | 60 | 1 | Induction | 18 | 2 HP | 360 | 163 |

Standard Equipment

| Catalog No. | Model No. | Description | 84097 535A | 91142 535A | 91322 535A |
|-------------|-----------|--|---------------|---------------|---------------|
| 74012 | — | Extreme Performance Thread Cutting Oil | I | I | I |
| 97065 | 811A | NPT Die Head Quick-Open R.H. | I | | |
| 47765 | — | ½" - ¾" Pipe Dies for use in Universal Die Heads (Nos. 504A, 711, 713, 811A, 815A, 816, 817 and 842) | I | | I |
| 47770 | — | 1" - 2" Pipe Dies for use in Universal Die Heads (Nos. 504A, 711, 713, 811A, 815A, 816, 817 and 842) | I | | I |
| 42365 | 341 | REAMER | I | I | I |
| 42390 | 820 | Wheel-Type Cutter | I | I | I |
| 41185 | E1032 | Wheel, Cutter | I | I | I |
| 46030 | — | Key, Hex ⅜ | I | I | I |
| 46015 | — | Key, Hex ⅝ | I | I | I |
| 84537 | 816 | Die Head | | | I |
| 84532 | 817 | Die Head | | | I |

Model 535A Machine Accessories

| Catalog No. | Model No. | Description | Weight | |
|-------------|-----------|--|--------|------|
| | | | lb. | kg |
| 42365 | 341 | 341 Reamer | 6 ¾ | 3.2 |
| 42390 | 820 | Wheel-Type Cutter | 8 ½ | 3.9 |
| 92457 | 100A | Universal Leg & Tray Stand | 75 | 34.5 |
| 92462 | 150A | Universal Wheel & Tray Stand | 103 | 46.7 |
| 92467 | 200A | Universal Wheel & Cabinet Stand | 104 | 47.2 |
| 51005 | 819 | Nipple Chuck Complete, ½" - 2" NPT | 10 ½ | 4.8 |
| 35867 | 839 | Adapter Kit for Model 1822/535A Machine | 16 ½ | 7.5 |
| 97882 | 535A | Kit 141 on 535 Auto Chuck with High-Clearance Carriage | 12 | 5.4 |
| 12138 | | Left Hand Threading Kit | 2 ½ | 1.2 |
| 42485 | 4U | 4 Heads | 8 ½ | 3.9 |
| 42490 | 6U | 6 Heads | 12 ½ | |
| 97065 | 811A | NPT Die Head Quick-Open R.H. | | 5.7 |
| 97075 | 815A | 815A ⅛" - 2" NPT Die Head, Self-Opening, RH | 13 | 5.9 |
| 23282 | 842 | Universal Die Head LH | | |
| 97070 | 811A | 815A 1/8" - 2" NPT Die Head, Self-Opening, RH | 12 ½ | 5.7 |
| 97080 | 815A | 815A 1/8"-2" BSPT Self-Opening Die Head | 13 | 5.9 |
| 97045 | 531 | Bolt Die Head Quick-Open R.H./L.H. ¼"-1" | 7 ½ | 3.4 |
| 97050 | 532 | Bolt Die Head Quick-Open R.H./L.H. 1 ⅛"-2" | 9 | 4.1 |
| 84537 | 816 | ⅛" - ¾" Semi-Automatic Die Head | | |
| 84532 | 817 | ½" - 2" Semi-Automatic Die Head | 13 | 5.9 |
| 68160 | 819 | Nipple Chuck ½"-2" BSPT | 10 ½ | 4.8 |
| 23297 | 856 | British Universal | 12 ½ | 5.7 |

Note: Mono Die Heads available ⅛", ¼", ⅜", ½", ¾", 1", 1 ¼", 1 ½", 2". All Die Heads are through-head oiling.



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Pipe Dies for Machine Die Heads



Pipe Dies for use in Universal Die Heads (Models 504A, 711, 713, 811A, 815A, 816, 817 and 842)

| Die Material or Type | (NPT) | | | | (NPSM) | | | |
|---------------------------------|------------------------------------|----------|----------|------------|------------------------------------|----------|----------|------------|
| | Nominal Pipe Size-Threads Per Inch | | | | Nominal Pipe Size-Threads Per Inch | | | |
| | ½"-27 | ¼"-¾"-18 | ½"-¾"-14 | 1"-2"-11 ½ | ½"-27 | ¼"-¾"-18 | ½"-¾"-14 | 1"-2"-11 ½ |
| Alloy RH | 47735 | 47740 | 47745 | 47750 | - | - | - | - |
| High-Speed RH | 47755 | 47760 | 47765 | 47770 | 47845 | 47850 | 47855 | 47860 |
| High-Speed LH | 39587 | 47810 | 47815 | 47820 | - | - | - | - |
| H.S. For Stainless Steel RH | 47775 | 47780 | 47785 | 47790 | - | - | - | - |
| H.S. For Cast Iron | - | - | - | 70740 | - | - | - | - |
| H.S. For PVC RH | - | - | 70745 | 70750 | - | - | - | - |
| H.S. For Plastic Coated Pipe RH | - | - | 50012 | 31822 | - | - | - | - |

•Requires left hand model die head.
 Note: Use HS for PVC and RH for brass pipe.

Pipe Dies for use in British Universal Die Heads (Models 504A, 811A, 815A, 816, 817, 856, 911 and 913)

| Die Material or Type | (BSPT) | | | | (BSPP) | | | |
|-----------------------------|------------------------------------|----------|----------|----------|------------------------------------|----------|----------|----------|
| | Nominal Pipe Size-Threads Per Inch | | | | Nominal Pipe Size-Threads Per Inch | | | |
| | ½"-28 | ¼"-¾"-19 | ½"-¾"-14 | 1"-2"-11 | ½"-28 | ¼"-¾"-19 | ½"-¾"-14 | 1"-2"-11 |
| Alloy RH | *66655 | *66660 | *66665 | *66670 | - | - | - | - |
| High-Speed RH | *66750 | *66755 | *66760 | *66765 | *66795 | *66800 | *66805 | *66810 |
| H.S. For Stainless Steel RH | *66770 | *66775 | *66780 | *66785 | - | - | - | *66830 |
| H.S. For PVC RH | - | - | *70755 | *70760 | - | - | - | - |
| H.S. For PE-Coated RH | - | - | - | - | - | - | - | - |

* Requires British model die head.

Conduit Dies for Universal Die Heads

| Die Material or Type | (ISO) | | (BEC) | | |
|----------------------|------------------------------------|-------------|---|------------|--------------|
| | Nominal Conduit Size – Pitch in mm | | Nominal Conduit Size – Threads Per Inch | | |
| | 16-32mm-1.5 | 40-63mm-1.5 | ½"-¾"-18 | ¾"-1 ¼"-16 | 1 ½"-2 ½"-14 |
| Alloy RH | 50645 | 50650 | 66700 | 66705 | 66710 |

Pipe Dies for use in Model 500A Mono Die Heads

| Die Material or Type | Nominal Pipe Size-Threads Per Inch (NPT) | | | | | | | | |
|-----------------------------|--|-------|-------|-------|-------|---------|----------|-----------|---------|
| | ½"-27 | ¼"-18 | ¾"-18 | ½"-14 | ¾"-14 | 1"-11 ½ | 1¼"-11 ½ | 1 ½"-11 ½ | 2"-11 ½ |
| (NPT) | | | | | | | | | |
| High-Speed RH | 50700 | 50705 | 50710 | 50715 | 50720 | 50725 | 50730 | 50735 | 50740 |
| H.S. For Stainless Steel RH | 50745 | 50750 | 50755 | 50760 | 50765 | 50770 | 50775 | 50780 | 50785 |
| (NPSM) | | | | | | | | | |
| High-Speed RH | - | - | - | 50895 | 50900 | 50905 | 50910 | 50915 | 50920 |

Pipe Dies for ¼"-¾" Dual Die Heads

| Die Material or Type | (NPT) Nominal Pipe-Threads Per Inch |
|----------------------|-------------------------------------|
| | ¼"-¾"-18 TPI |
| High-Speed RH | 47940 |

Pipe Dies for Models 514 (LH), 515 (RH), 555 (RH), and ½"-¾" Dual Die Heads

| Die Material or Type | (NPT) | | | (BSPT) | |
|-----------------------------|------------------------------------|----------|----------|------------------------------------|----------|
| | Nominal Pipe Size-Threads Per Inch | | | Nominal Pipe Size-Threads Per Inch | |
| | ½"-27 | ¼"-¾"-18 | ½"-¾"-14 | ¼"-¾"-19 | ½"-¾"-14 |
| Alloy RH | - | - | 47880 | 66955 | 66880 |
| High-Speed RH | 47885 | 47890 | 47895 | 66905 | 23297 |
| H.S. For Stainless Steel RH | 47900 | 47905 | 47910 | - | 66920 |

Alloy dies thread aluminum and black pipe.
 High-speed dies thread galvanized pipe.
 Stainless steel dies thread red brass pipe.
 PVC dies thread yellow brass pipe.

See page 4.12

