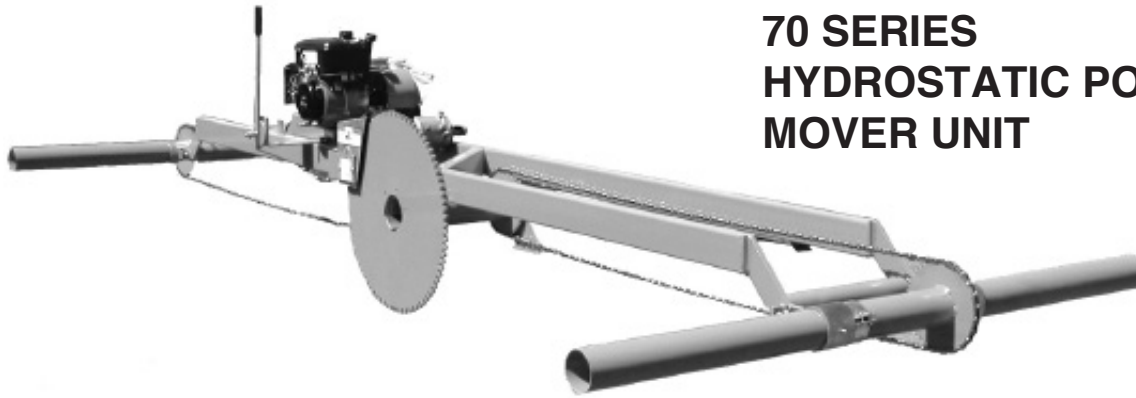


**70 SERIES
HYDROSTATIC POWEROLL
MOVER UNIT**



Wade Rain Hydrostatic Mover complete with commercial quality overhead valve Honda engine, dual rail mover frame with 14 foot wheel base and twin bearing design. Hydrostatic transmission prefilled at factory. Motor and transmission pre-assembled.

Price does not include engine cover, riding stand, mover hub adapters or mover wheels. Mover axles are 4" diameter. Wheels for mover unit should be ordered with 4" wheel hubs.



WARNING:
ENGINE COVER
REQUIRED FOR
OPERATOR SAFETY

Part Number	Weight
70-57 6HP for 57" diameter wheel size	551 lbs.....
70-64 6HP for 64" diameter wheel size	567 lbs.....
70-76 6HP for 76" diameter wheel size	567 lbs.....
70-57-7HP... 7HP for 57" diameter wheel size	551 lbs.....
70-64-7HP... 7HP for 64" diameter wheel size	567 lbs.....
70-76-7HP... 7HP for 76" diameter wheel size	567 lbs.....

Higher HP option recommended for altitudes 5,000 feet or higher or for difficult crop or terrain uses. Actual engine is 6.5 HP Honda commercial grade overhead valve.



Plastic Engine Cover for 70 Series Mover

Part Number	Weight
70-404 (For units after s/n 12859)	25 lbs.

Order 70-404 for ALL NEW Mover Units

70-FC (For units prior to s/n 12859) 39 lbs.
Replaces units w/fiberglass engine covers. Includes new plastic cover, bolt-on hinge brackets, new style shift handle and linkage and retrofit tie-down kit. CANNOT BE SHIPPED UPS.

Retrofit Gear Guard



WARNING: Gear Guard should be installed on all Model 70 units to prevent serious injury which could result if the operator attempts to use the unit improperly without the yellow safety cover in place.

Part Number	Weight
70-555 Complete Gear Guard Set.....	3 lbs.

The Retrofit Gear Guard should be installed on all Model 70 Mover Units, regardless of age.

Riding Stand for 70 Series Mover

Part Number	Weight
70-RS	25 lbs.

48 Series Bolt-Together Lug-Type Powerroll Coupler



Complete coupler set includes male and female halves with fast draining gasket, automatic drain valve, two press bands and nuts, bolts and lock washers.

Part Number	Weight	Size
48-4PR	6.3 lbs.	4"
48-5PR	7.7 lbs.	5"
48-4PRM	Male half only	4"
48-4PRF	Female half only w/gasket	4"
48-5PRM	Male half only	5"
48-5PRF	Female half only w/gasket	5"

48 Series Band-Lock Lug-Type Powerroll Coupler



Complete coupler set includes male and female halves with fast draining gasket, band-lock, automatic drain valve and two press bands.

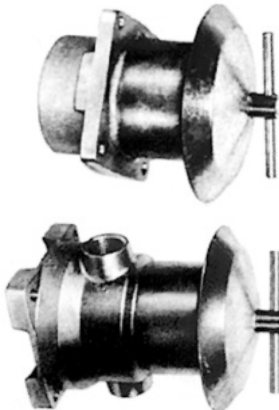
Part Number	Weight	Size
48-4FWTD	7.6 lbs.	4"
48-5FWTD	9.9 lbs.	5"

Band-Lock Only for 48 Series Coupler



Part Number	Weight	Size
48-4-2 (incl pin)	1.7 lbs.	4"
48-5-2 (incl pin)	2.3 lbs.	5"
48-4-3 Clip pin	0.2 lbs.	For 4" or 5"

Powerroll End Plug for 48 Series Coupler



Part Number	Weight	Size
49-4PRM Male end plug w/ lush valve	4.1 lbs	4"
49-5PRM Male end plug w/ lush valve	5.0 lbs	5"
49-4PRF Female end plug w/ lush valve	4.6 lbs	4"
49-5PRF Female end plug w/ lush valve	5.3 lbs	5"

See page 18 in Parts Section for parts

48 SERIES LUG-TYPE FITTINGS

Powerroll End Adapter for 48 Series

Adapter used for telescope or hose connection on end of line.
For telescope adapter, standard female end must be one size smaller than Powerroll end.



Female End Adapter

Part Number	Powerroll Line Size	Adapter Size	Weight
48-4-3 PRF	4" Female.....	3" Female	2.6 lbs.
48-4-4 PRF	4" Female	4" Female	2.6 lbs.
48-5-4 PRF	5" Female.....	4" Female	3.3 lbs.



Male End Adapter (No Outlet)

Part Number	Powerroll Line Size	Adapter Size	Weight
48-4-3 PRM	4" Male	3" Female.....	2.0 lbs.
48-4-4 PRM	4" Male	4" Female.....	2.0 lbs.
48-5-4 PRM.....	5" Male	4" Female.....	2.6 lbs.



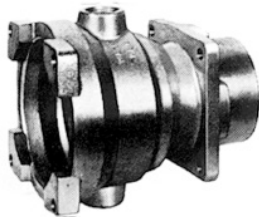
Female End Adapter-Hook Style

Part Number	Powerroll Line Size	Adapter Size	Weight
48-4-3 PRF-H...	4" Female	3" Female.....	2.6 lbs.
48-4-4 PRF-H...	4" Female	4" Female.....	2.6 lbs.
48-5-4 PRF-H...	5" Female	4" Female.....	3.3 lbs.



Male End Adapter-Hook Style (No Outlet)

Part Number	Powerroll Line Size	Adapter Size	Weight
48-4-3 PRM-H...	4" Male	3" Female.....	2.0 lbs.
48-4-4 PRM-H...	4" Male	4" Female.....	2.0 lbs.
48-5-4 PRM-H...	5" Male	4" Female.....	2.6 lbs.



In-line Powerroll Reducer — Female by Male

With Gasket and two 1" outlets

Part Number	Size	Weight
48-5-4R	5"F x 4"M	4.1 lbs.
48-4-5R	5"M x 4"F	3.8 lbs.



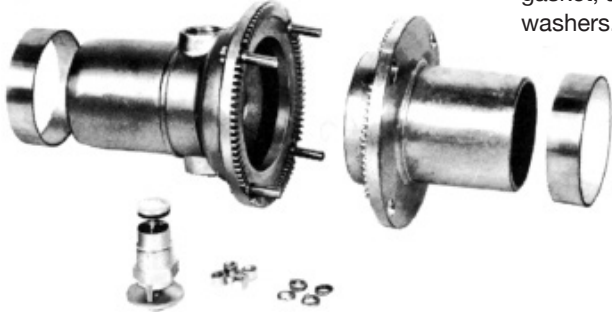
Center Feed — Male by Female

4" inlet is 45 degrees from 1" Sprinkler outlet.

Part Number	Weight	Line Size	Inlet Size
2-4-4-48P.....	6.9 lbs.	4"	4" Knob
2-5-4-48P.....	9.3 lbs.	5"	4" Knob
2-4-4-48PHL.....	7.0 lbs.	4"	4" Hook
2-5-4-48PHL.....	9.8 lbs.	5"	4" Hook

58 Series Bolt-Together Tooth/Flange Powerroll Coupler

Complete coupler set includes male and female halves with fast draining gasket, automatic drain valve, two press bands and nuts, bolts and lock washers.



Part Number	Weight	Size
58-4PR	7.2 lbs.	4"
58-5PR	8.2 lbs.	5"
58-4PRM... Male half only.....		4"
58-4PRF... Female half only w/gasket...		4"
58-5PRM... Male half only.....		5"
58-5PRF ... Female half only w/gasket...		5"

58 Series Band-Lock Tooth/Flange Powerroll Coupler

Complete coupler set includes male and female halves with fast draining gasket, band-lock, automatic drain valve and two press bands.



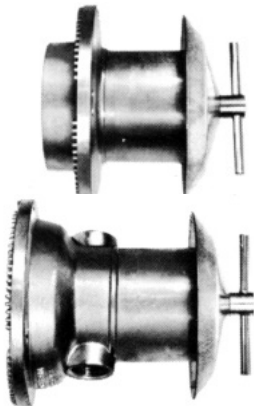
Part Number	Weight	Size
58-4FWTD	9.2 lbs.	4"
58-5FWTD	10.2 lbs.	5"



Band-Lock Only for 58 Series Coupler

One size band-lock fits both 4" and 5" 58 Series Coupler.

Part Number	Weight	Size
58-4-2S	2.0 lbs.	4" and 5"
70-438-1	Wire Bail Only	



Powerroll End Plug for 58 Series Coupler

One size End Plug fits both 4" and 5" 58 Series Coupler

Part Number	Weight	Size
59-5PRM Male end plug w/ lush valve.....	4.7 lbs.....	4" and 5"
59-5PRF Female end plug w/ lush valve.....	5.3 lbs.....	4" and 5"

See page 18 in Parts Section for parts

58 SERIES TOOTH/FLANGE FITTINGS

Powerroll End Adapter for 58 Series

Adapter used for telescope or hose connection on end of line.
To use for telescope adapter, standard female end must be one size smaller than Powerroll end.



Female End Adapter

Part Number	Powerroll Line Size	Adapter Size	Weight
58-4-3 PRF ...4" and 5"Female.....	3" Female.....	3" Female.....	3.2 lbs
58-5-4 PRF ...4" and 5"Female.....	4" Female.....	4" Female.....	3.2 lbs

Male End Adapter

Part Number	Powerroll Line Size	Adapter Size	Weight
58-4-3 PRM ...4" and 5"Male.....	3" Male.....	3" Female.....	2.7 lbs
58-5-4 PRM ...4" and 5"Male.....	4" Male.....	4" Female.....	2.7 lbs

Female End Adapter—Hook Style

Part Number	Powerroll Line Size	Adapter Size	Weight
58-4-3 PRF-H ...4" and 5" Female...	3" Female...	3" Female.....	3.2 lbs
58-5-4 PRF-H ...4" and 5" Female...	4" Female...	4" Female.....	3.2 lbs

Male End Adapter—Hook Style

Part Number	Powerroll Line Size	Adapter Size	Weight
58-4-3 PRM-H...4" and 5" Male...	3" Male...	3" Female.....	2.7 lbs
58-5-4 PRM-H...4" and 5" Male...	4" Male...	4" Female.....	2.7 lbs



Center Feed — Male by Female

Adapter will fit both 4" and 5" lines. 4" inlet is 45 degrees from 1" Sprinkler Outlet

Part Number	Weight	Line Size	Inlet Size
2-5-4-58P.....	9.0 lbs.	5"	4" Knob
2-5-4-58PHL.....	9.1 lbs.	5"	4" Hook

Reducers:

58 Series 4" and 5" Couplers have identical gasket cavities and serrations.
No special reducer fittings required!

POWEROLL WHEELS

Complete Poweroll Wheels

Prices include a set of 8 lugs for 46", 57" and 64" diameter wheels; and a set of 10 lugs for 76" diameter wheels. All wheels are double punched for an additional set of lugs. Wheels are shipped knocked down.



Part Number	Gauge	Size	Hub Diameter	Wheel Weight
27-4-46.....	18	4"	46"	34 lbs....
27-4-57.....	18	4"	57"	39 lbs....
27-4-64.....	18	4"	64"	44 lbs....
27-4-76.....	18	4"	76"	55 lbs....
27-5-46.....	18	5"	46"	35 lbs....
27-5-57.....	18	5"	57"	40 lbs....
27-5-64.....	18	5"	64"	45 lbs....
27-5-76.....	18	5"	76"	56 lbs....

Wheelsign Set (2)70-752includes two signs & fasteners

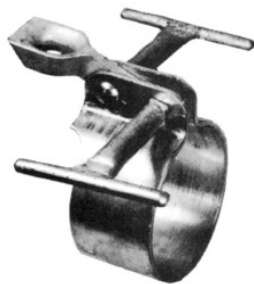


Poweroll Drain Valve

18-1 spring loaded drain valve standard on Wade'Rain Poweroll.

Part Number	Weight	Size	Pieces Carton
18-1	0.4 lb.....	1".....	100

See pages 18 in Parts Section for parts



Poweroll Ring with "T" Handle for Telescoping Feed

Part Number	Weight	Size
20-3-25.....	0.9 lb.....	3".....
20-4-25.....	1.4 lb.....	4".....
20-5-25.....	1.7 lb.....	5".....
20-6-25.....	2.0 lb.....	6".....

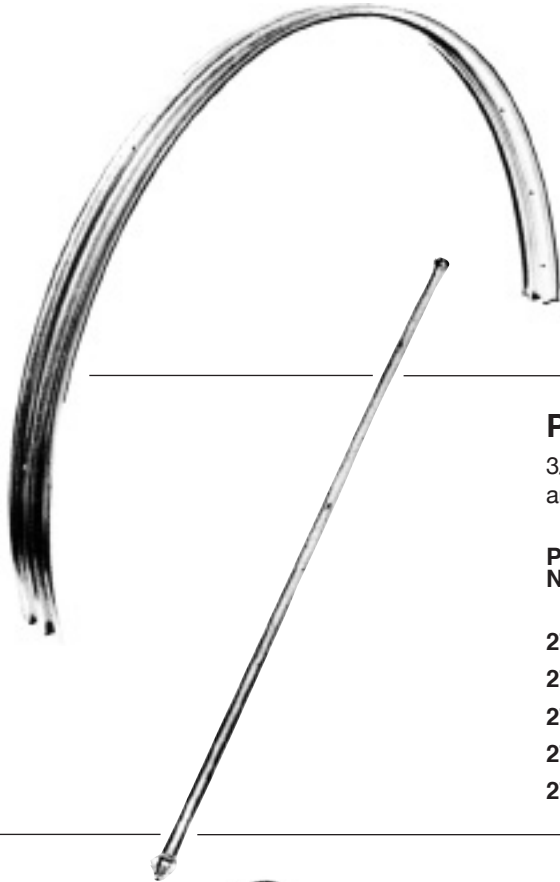
For "T" Handle only, see page 18 (Parts section)



Poweroll Center Outlet for Quick Take-Down Poweroll

Part Number	Weight	Outlet Size	Tubing Size
13-4 TD.....	2.2 lb.....	1"	4".....
13-5 TD.....	2.5 lb.....	1"	5".....
4506-1		O Ring Gasket	

POWEROLL WHEEL COMPONENTS



Powerroll Wheel Rim

Rim half only, double punched.

Part Number	Wheel Gauge	Diameter	Weight
27-46-1	18	46"	7.5 lbs.
27-57-1	18	57"	8.9 lbs.
27-64-1	18	64"	9.9 lbs.
27-76-1	18	76"	11.7 lbs.

Powerroll Wheel Spokes

3/8" diameter spokes for standard wheel. 16 spokes required for 46", 57", and 64" wheels. 20 spokes required for 76" wheels.

Part Number	Wheel Size	Hub Size	Pieces per Wheel	Overall Length	Weight
27-21-46	46"...	4".....	16	21"	0.6 lbs....
27-20 1/8-46	...46"...	5".....	16	20-1/8"	0.6 lbs....
27-26 7/8-57	... 57"...	4"or 5".....	16	26-7/8"	0.8 lbs....
27-30 1/4-64	... 64"...	4"or 5".....	16	30-1/2"	0.9 lbs....
27-37-76	... 76"...	4"or 5".....	20	37"	1.1 lbs....



Powerroll Wheel Hub Clamps

Hubs are punched for both 16 spoke and 20 spoke wheels. 4 clamps required per wheel.

Part Number	Pieces per Box	Weight	Size
27-4-4	120	1.1 lb.	4"
27-5-5	100	1.3 lb.	5"

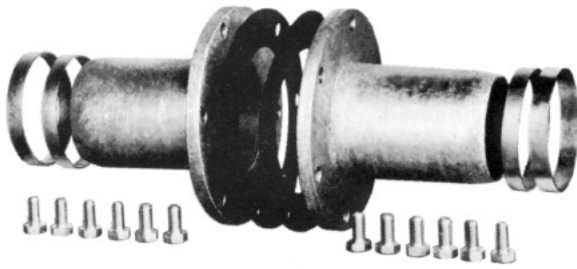


Powerroll Wheel Lugs

(Made from heavy duty 12 ga. galvanized steel.)

Part Number	Weight	Pieces per Box
27-4-1 Bare Lug	.20 lb.	500

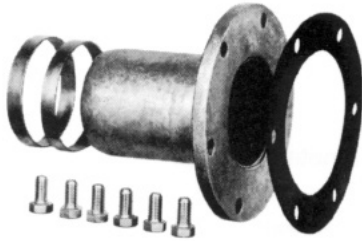
Note: Requires two 3/8 x 1 CS w/nuts when used for double lugging. See page 4 in Parts Section.



Powerroll Hub Adapter Set for Mover Unit

Complete set includes two adapters, two gaskets, four reinforcing bands and twelve 1/2" x 1" N.C. bolts.

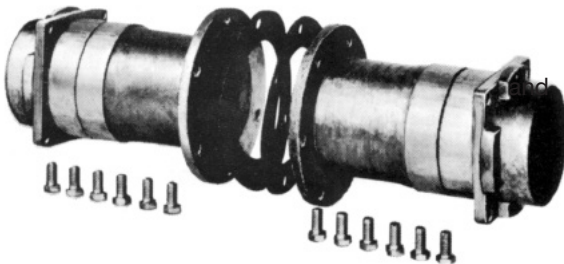
Part Number	Weight	Size
70-11-4.....	15.0 lbs.....	4"
70-11-5.....	17.0 lbs.....	5"



Powerroll Single Hub Adapter Only

Single hub adapter. Includes one hub adapter, one gasket, two reinforcing bands and six 1/2" x 1" N.C. bolts.

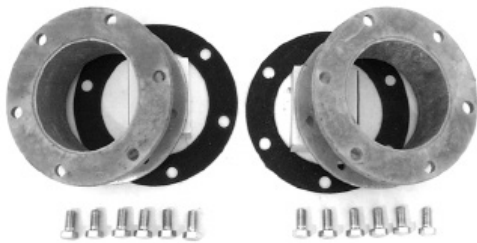
Part Number	Weight	Size
70-11-4E.....	7.0 lbs.	4"
70-11-5E.....	8.0 lbs.	5"



Powerroll Take-Down Hub Adapter Set

Complete set includes two adapters, two gaskets and twelve 1/2" x 1" N.C. bolts. The adapter set has male-by-male aluminum couplers for the in-line connection. Available for both 48 Series 58 Series couplers.

Part Number	Weight	Size
48-13-4 TD.....	22.0 lbs.	4"
48-13-5 TD.....	22.9 lbs.	5"
58-13-4 TD.....	20.1 lbs.	4"
58-13-5 TD.....	25.1 lbs.	5"



Powerroll 6 Hole x 8 Hole Hub Adapter Set

Complete set for use when retrofitting Powerroll movers in non-Wade'Rain lines. Includes two (2) 6 Hole x 8 Hole Adapters, two (2) Wade'Rain Powerroll Hub Adapter Gaskets and twelve (12) 1/2" x 1" N.C. Bolts.

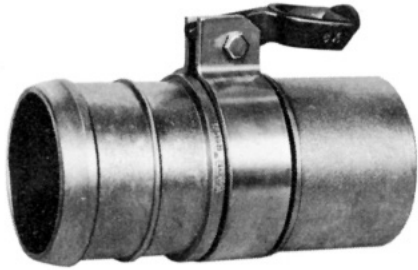
Part Number	Weight
70-11-6X8	15.0 lbs.



Reinforcing Bands Only

Aluminum reinforcing bands are used for pressing aluminum Powerroll couplers. Steel reinforcing bands are used for pressing 4" steel hub adapters.

Part Number		
28-4-1A.....	Aluminum.....	4"
1-5MP-1.....	Aluminum.....	5"
28-4-1S.....	Steel	4"

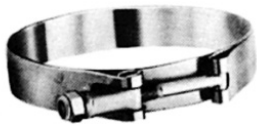


Powerroll Hose Adapters

Cast aluminum hose adapter includes adapter with swivel ring and latch.

Part Number	Weight	Size
49-6CX Knob Style	2.2 lbs.	4"
49-6G Hook Style	2.2 lbs.	4"

Hose clamps not included. Order clamps shown below.



T-Bolt
Clamp

Discharge Hose Clamps

Banding Clamps

Stainless Steel Hose Clamps for use with discharge hose adapters. Two clamps required per end (for 4" I.D. hose)

Part Number	Description
49-6-3	TBC-425 4" Hose Clamp



Powerroll Hose

Angus "Armour Guard" or equivalent Hose in 4" inside diameter by 20 foot lengths. Pre-assembled with Wade'Rain cast aluminum hose ends with sleeve connection. This light-weight, 200 PSI working pressure hose, carries a 2-year warranty.

Part Number	Description	Weight
49-20-4CX...	Hose Assembly w/Knob Latch ...	25.0 lbs. ...
49-20-4G ...	Hose Assembly w/Hook Latch ...	25.0 lbs. ...

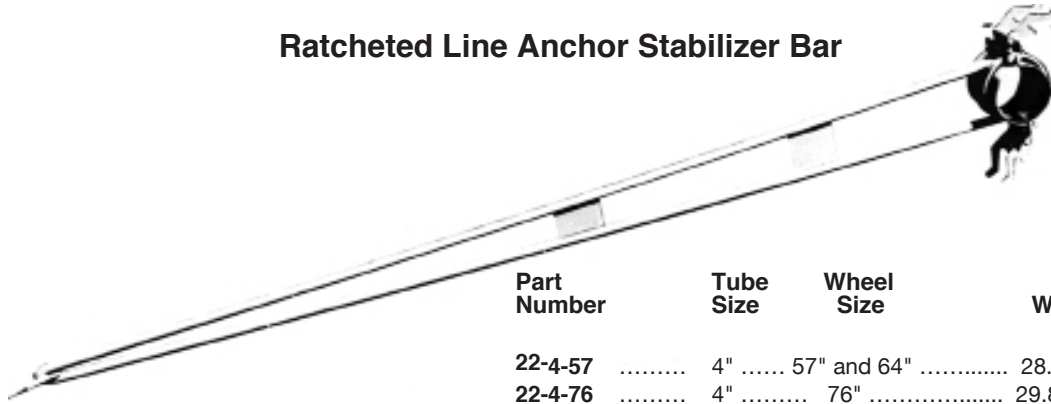


Powerroll Hose (Bulk Hose) Plain End

(Available in 100 foot lengths only)

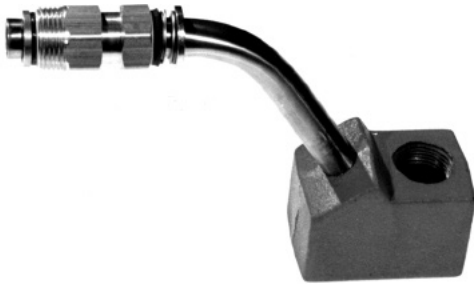
Part Number	Description	Weight
49-100-200.....	"Armour Guard" or equivalent 200 PSI Discharge Hose 88.0 lbs....
49-100-150.....	150 PSI Discharge Hose 83.0 lbs....

Ratcheted Line Anchor Stabilizer Bar



Part Number	Tube Size	Wheel Size	Weight
22-4-57	4"	57" and 64"	28.6 lbs.....
22-4-76	4"	76"	29.8 lbs.....
22-5-57	5"	57" and 64"	31.3 lbs.....
22-5-76	5"	76"	32.1 lbs.....

Sprinkler Levelers



Part Number	Weight	Pieces per Carton	Size
L-75	2.5 lbs.....	33	3/4"
SLE 1-12S	Leveler Elbow, 1" x 3/4" x 12" Galv. Steel		
SLE 1-18A	Leveler Elbow, 1" x 3/4" x 18" Zamac		
11505-1	1" x 6" Galvanized Nipple		
11501-5	1" x 3/4" Reducing 90° Galvanized Elbow ...		
11505-2	1" 90° Galvanized Elbow		



Nickel-Plated Drive Chain in Bulk Roll

No. 2050 roller chain in convenient bulk form may be cut in any length to replace or repair drive chains on any model of Poweroll. Roll includes 10 spring clip Connecting Links.

Part Number	Weight	Length
70-5-100	52 lbs.	100 ft.

Connecting Links

Spring clip type.



Part Number	Description
70-6	#2050 Connecting Link
70-6-25	#2050 Connecting Link (pkg of 25).....
70-2050-OL	#2050 Offset Link(Full)
70-50-OL	#50 Offset Links (Half)
70-50-HL	#50 Half Link

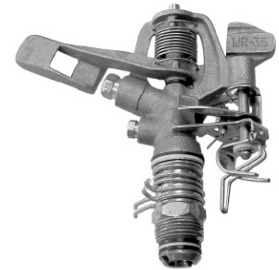
3/4" BRASS AGRICULTURAL SPRINKLERS



WR-33



WR-32



WR-35

NOTE: All sprinklers are double nozzle, but are shipped with the removable spreader nozzle plug installed and no range nozzle. All nozzles are ordered separately.

**See performance data on following pages.*

Part Number	Description	Weight	Pieces Per Box
WR-33	Brass Impact Sprinkler	1.0 lb	30/60
WR-32	Brass Sprinkler w/Aluminum Arm	1.0 lb	30/60
WR-35	Part-circle Adjustable Brass Sprinkler	1.4 lb	20

See pages 20 and 21 in Parts Section for Sprinkler Parts

NOZZLES

Part Number	Description	GPM at 50 PSI	Application Rate (40 x 60)	Pieces Per Box
WR-7/64	7/64" Range Nozzle	2.45		30
WR-1/8	1/8" Range Nozzle	3.22		30
WR-9/64	9/64" Range Nozzle	4.07	.16"/hr	30
WR-5/32	5/32" Range Nozzle	4.98	.20"/hr	30
WR-11/64	11/64" Range Nozzle	6.01	.24"/hr	30
WR-3/16	3/16" Range Nozzle	7.16	.29"/hr	30
WR-13/64	13/64" Range Nozzle	8.45	.34"/hr	30
WR-7/32	7/32" Range Nozzle	9.90	.40"/hr	30
WR-1/4	1/4" Range Nozzle	12.80	.52"/hr	30
SSN-3/32	3/32" Spreader Nozzle	3.22		30
SSN-1/8	1/8" Spreader Nozzle	1.76		30
SNP	Spreader Nozzle Plug (included with sprinkler)			50
VANE	Stream Straightening Vane for Range Nozzle			100

PERFORMANCE DATA

WR-33 BRASS IMPACT SPRINKLER



WR-33 SINGLE NOZZLE - 27 DEG. TRAJECTORY (NO VANE)

NOZ PSI	1/8"		9/64"		5/32"		11/64"		3/16"		13/64"		7/32"	
	GPM	DIA. FT.	GPM	DIA. FT.	GPM	DIA. FT.	GPM	DIA. FT.	GPM	DIA. FT.	GPM	DIA. FT.	GPM	DIA. FT.
25	—	—	2.88	80	3.52	82	4.24	83	5.0	85	5.90	86	6.85	88
30	—	—	3.15	81	3.85	85	4.64	88	5.5	91	6.50	94	7.55	96
35	—	—	3.40	82	4.16	87	5.02	90	6.0	94	7.05	97	8.20	100
40	—	—	3.64	83	4.45	88	5.37	92	6.4	96	7.55	99	8.80	102
45	3.05	82	3.86	84	4.72	89	5.70	94	6.8	98	8.00	101	9.35	104
50	3.22	83	4.07	85	4.98	90	6.01	95	7.2	100	8.45	103	9.90	106
55	3.38	84	4.27	86	5.22	91	6.30	96	7.5	101	8.85	104	10.40	107
60	3.53	85	4.46	87	5.45	92	6.57	97	7.9	102	9.25	105	10.75	108
65	3.68	86	4.65	88	5.68	93	6.83	98	8.2	103	9.60	106	11.10	109
70	3.82	86	4.83	89	5.90	94	7.09	99	8.5	104	9.95	107	11.40	110
75	3.96	87	5.00	90	6.11	95	7.34	100	8.8	105	10.25	108	11.70	111
80	4.09	87	5.17	91	6.30	96	7.58	101	9.1	106	10.50	109	12.00	112

WR-33 DOUBLE NOZZLE - 27 DEG. TRAJECTORY (NO VANE)

NOZ PSI	9/64"x 3/32"		5/32"x 3/32"		11/64"x 3/32"		3/16"x 3/32"		3/16"x 1/8"		13/64"x 1/8"		7/32"x 1/8"	
	GPM	DIA. FT.	GPM	DIA. FT.	GPM	DIA. FT.	GPM	DIA. FT.	GPM	DIA. FT.	GPM	DIA. FT.	GPM	DIA. FT.
25	4.18	80	4.83	82	5.55	83	6.31	85	7.40	85	8.30	86	9.25	88
30	4.58	81	5.28	85	6.07	88	6.93	91	8.15	91	9.15	94	10.20	96
35	4.95	82	5.71	87	6.57	90	7.51	94	8.83	94	9.93	97	11.10	100
40	5.29	83	6.11	88	7.03	92	8.03	96	9.46	96	10.65	99	11.90	102
45	5.61	84	6.48	89	7.46	94	8.53	98	10.05	98	11.30	101	12.65	104
50	5.91	85	6.82	90	7.87	95	9.00	100	10.60	100	11.90	103	13.35	106
55	6.20	86	7.15	91	8.25	96	9.45	101	11.10	101	12.50	104	14.00	107
60	6.48	87	7.47	92	8.60	97	9.86	102	11.60	102	13.00	105	14.50	108
65	6.75	88	7.78	93	8.93	98	10.27	103	12.10	103	13.50	106	15.00	109
70	7.00	89	8.08	94	9.25	99	10.66	104	12.50	104	14.00	107	15.45	110
75	7.25	90	8.37	95	9.56	100	11.02	105	12.90	105	14.40	108	15.90	111
80	7.49	91	8.65	96	9.87	101	11.36	106	13.25	106	14.80	109	16.30	112

NOTE:

- * Optional straightening vane will increase diameters by 4-8% at pressures of 40 psi and above.
- * Highest point of stream is 8 ft. above nozzle with 1/8" nozzle at normal operating pressure.
- * Performance stated at base pressure.

PERFORMANCE DATA

WR-32 BRASS IMPACT SPRINKLER
ALUMINUM ARM FOR LOW
GALLONAGE APPLICATIONS



WR-32 SINGLE NOZZLE - ALUMINUM ARM

NOZ PSI	7/64"		1/8"		9/64"	
	GPM	DIA. FT.	GPM	DIA. FT.	GPM	DIA. FT.
25	1.73	77	2.25	78	2.88	80
30	1.89	78	2.47	79	3.15	81
35	2.05	78	2.68	80	3.40	82
40	2.19	79	2.87	81	3.64	83
45	2.32	80	3.05	82	3.86	84
50	2.45	80	3.22	83	4.07	85
55	2.57	81	3.38	84	4.27	86
60	2.68	82	3.53	85	4.46	87
65	2.79	82	3.68	86	4.65	88
70	2.90	83	3.82	86	4.83	89
75	3.00	83	3.96	87	5.00	90
80	3.10	84	4.09	87	5.17	91

**WR-32 SINGLE NOZZLE - ALUMINUM ARM
WITH STRAIGHTENING VANE**

NOZ PSI	7/64"		1/8"		9/64"	
	GPM	DIA. FT.	GPM	DIA. FT.	GPM	DIA. FT.
25	1.73	78	2.25	82	2.88	85
30	1.89	79	2.47	84	3.15	87
35	2.05	80	2.68	85	3.40	89
40	2.19	81	2.87	86	3.64	91
45	2.32	82	3.05	87	3.86	92
50	2.45	83	3.22	88	4.07	93
55	2.57	84	3.38	89	4.27	94
60	2.68	85	3.53	90	4.46	95
65	2.79	86	3.68	91	4.65	96
70	2.90	87	3.82	92	4.83	97
75	3.00	88	3.96	93	5.00	98
80	3.10	89	4.09	94	5.17	100

PERFORMANCE DATA



WR-35 ADJUSTABLE PART-CIRCLE BRASS IMPACT SPRINKLER

WR-35 SINGLE NOZZLE - 25 DEG. TRAJECTORY (NO VANE)

NOZ PSI	5/32"		11/64"		3/16"		13/64"		7/32"	
	GPM	DIA. FT.	GPM	DIA. FT.	GPM	DIA. FT.	GPM	DIA. FT.	GPM	DIA. FT.
30	3.85	84	4.64	87	5.5	89	6.50	96	7.55	94
35	4.16	85	5.02	88	5.96	92	7.05	95	8.20	96
40	4.45	87	5.37	90	6.38	94	7.55	97	8.80	98
45	4.72	88	5.70	92	6.78	96	8.00	99	9.35	100
50	4.98	89	6.01	93	7.16	98	8.45	101	9.90	102
55	5.22	90	6.30	94	7.52	100	8.85	102	10.40	104
60	5.45	91	6.57	96	7.85	101	9.25	103	10.75	105
65	5.68	92	6.83	97	8.18	102	9.60	104	11.10	106
70	5.90	93	7.09	98	8.50	103	9.95	105	11.40	107

WR-35 DOUBLE NOZZLE - 25 DEG. TRAJECTORY (NO VANE)

NOZ PSI	9/64"x 3/32"		5/32"x 3/32"		11/64"x 3/32"		3/16"x 3/32"		3/16"x 1/8"		13/64"x 1/8"		7/32"x 1/8"	
	GPM	DIA. FT.	GPM	DIA. FT.	GPM	DIA. FT.	GPM	DIA. FT.	GPM	DIA. FT.	GPM	DIA. FT.	GPM	DIA. FT.
30	4.58	80	5.28	84	6.07	87	6.93	89	8.15	89	9.15	93	10.20	94
35	4.95	81	5.71	85	6.57	88	7.51	92	8.83	92	9.93	95	11.10	96
40	5.29	82	6.11	87	7.03	90	8.03	94	9.46	94	10.65	97	11.90	98
45	5.61	83	6.48	88	7.46	92	8.53	96	10.05	96	11.30	99	12.65	100
50	5.91	84	6.82	89	7.87	93	9.00	98	10.60	98	11.90	101	13.35	102
55	6.20	85	7.15	90	8.25	94	9.45	100	11.10	100	12.50	102	14.00	104
60	6.48	86	7.47	91	8.60	96	9.86	101	11.60	101	13.00	103	14.50	105
65	6.75	87	7.78	92	8.93	97	10.27	102	12.10	102	13.50	104	15.00	106
70	7.00	88	8.08	93	9.25	98	10.66	103	12.50	103	14.00	105	15.45	107

NOTE:

- * Optional straightening vane will increase diameters by 4-8% at pressures of 40 psi and above.
- * Highest point of stream is 7 ft. above nozzle with 1/8" nozzle at normal operating pressure.
- * Performance stated at base pressure.



Powerroll System Planning Sheet

Travis Pattern & Foundry
 P.O. Box 6325
 Spokane, WA 99217

Ref: _____ cc: _____ Figured by: _____

Total Lines _____
 Dealer _____ Phone _____ Contact _____ Date _____
 Line Length _____ Ft. Wheel Size: 46 57 64 76 Tube Size: _____ 4" _____ 5"
 Motor: 6HP 7HP Coupler Style: 48 58 Clamps: _____ Feed Arrangement: End Center
 Hose: _____ Riding Stand: _____ VOE: _____ Sprinklers: _____ Levelers: _____ Stabilizer: _____
Figuring Quantities: X = Line Length _____ Ft. ÷ 40 = Couplers (X) Sprinklers (X+1) _____
 Presses (X + 1) 2 _____ Wheels (X + 3) _____ + _____ Extra Wheels = _____ Total Wheels

Qty.	Description	P/N	Ext. List	Net
_____	70 Mover Unit 6HP	70- _____	\$ _____	
_____	70 Mover Unit 7HP	70- _____ 7HP	_____	
_____	Engine Cover	70-404	_____	
_____	Hub Adapter 4"	70-11-4	_____	
_____	Hub Adapter 5"	70-11-5	_____	
_____	Riding Stand	70-RS	_____	
_____	Coupler Set	(48) 58-4FWTD	_____	
_____		(48) 58-5FWTD	_____	
_____		(48) 58-4PR	_____	
_____		(48) 58-5PR	_____	
_____	Bandlock Clamps	58-4-2S	_____	
_____		48-4-2	_____	
_____		48-5-2	_____	
_____	End Plugs	(49) 59-5PRM	_____	
_____		(49) 59-5PRF	_____	
_____		49-4PRM	_____	
_____		49-4PRF	_____	
_____	End Adapters	(48) 58-5-4-PRF	_____	
_____		(48) 58-4-3-PRF	_____	
_____		48-4-4PRF	_____	
_____		(48) 58-5-4PRM	_____	
_____		48-4-4PRM	_____	
_____	Center Feeds	2-5-4-58 (48) P (HL)	_____	
_____		2-4-4-48P (HL)	_____	
_____	Reducer	48-5-4R	_____	
_____		48-4-5R	_____	

Total this page \$ _____

Discount _____ % Total Net Price this page \$

Qty.	Description	P/N	Ext. List	Net
_____	Stabilizer - 76"	22-4-76/22-5-76	_____	
_____	57" - 64"	22-4-57/22-5-57	_____	
			Total Net Price	\$
_____	Wheels	27- - 46	_____	
_____		27 - - 57	_____	
_____		27 - - 64	_____	
_____		27 - - 76	_____	
			Total Net Price	\$
_____	Hose	49-20-4CX (G)	_____	
_____	Hose Ends	49-6CX (G)	_____	
			Total Net Price	\$
_____	Levelers	L-75	_____	
		Discount _____	Total Net Price	\$
_____	Sprinklers	WR-33	_____	
_____	Nozzles	WR-(size)	_____	
_____	Nipples 6"	11505-1	_____	
_____	Reducing Ell	11501-5	_____	
_____	1 x 3/4 x 18" Alum. Leveler Ell	SLE 1-18A	_____	
_____	1 x 3/4 x 12" Galv. Steel Leveler Ell	SLE 1-12S	_____	
			Total Net Price	\$
_____	L. F. 4" Torque Tube	x _____ /Ft.	Total Net Price	\$
_____	L. F. 5" Torque Tube	x _____ /Ft.	Total Net Price	\$
	Basis for Tube Pricing: _____			
_____	Pressing 4"	P4	_____	
_____	Pressing 5"	P5	_____	
			Total Net Price	\$
			Total Net Price FOB Spokane	\$
	Estimated Freight to: _____			

Notes: