

## 4000 Series



### High Speed, 4-Roller Pumps Two Models are Available.

No. 4001 to 1800-RPM & No. 4101 to 2600 RPM. These pumps are popular for use on gas engine powered portable sprayers, as they can run at speeds up to 2600 RPM. They will pump oils, distillates and many other chemicals. Maximum temperature is 140° F. Weight is 5 lbs.

**Capacity:** to 8-GPM @ 50 PSI  
**Shaft:** 5/8" O.D. Stainless Steel  
**Seals:** Viton®  
**Pump Shaft Rotation:** CW when facing shaft

**HYPRO®**

**Super Rollers**  
**Ports:** 3/4" FPT  
**Max. Pressure:** 150 PSI  
**Bearings:** Shielded Ball

#### Performance

Series	RPM	0 PSI		25		50		75		100		125		150	
		GPM	HP	GPM	HP	GPM	HP	GPM	HP	GPM	HP	GPM	HP	GPM	HP
4001	1800	9.1	.14	8.5	.30	8.0	.46	7.6	.62	7.3	.78	7.0	.95	6.7	1.1
4101	2600	7.2	.16	6.9	.30	6.6	.46	6.4	.62	6.0	.76	5.7	.92	5.4	1.08

#### Part No.

- HY 4001N Ni-Resist Pump, 1800-RPM.....
- HY 4001XL Silver Cast® Pump, 1800-RPM .....
- HY 4101C Cast Iron Pump, 2600-RPM .....
- HY 4101N Ni-Resist Pump, 2600-RPM.....
- HY 4101XL Silver Cast® 2600 RPM .....
- HY 3420-24 Mounting Base for Electric Motors.  
3-1/2" Base to Shaft.....
- DU R40 Repair Kit. Super Rollers,  
Sealed Bearings & Viton® Seals.....

## 6500 Series

3/4" Ports 6-Rollers

**HYPRO®**



An extremely versatile pump despite low cost. Available in Ni-Resist, Cast Iron and Silver Cast® construction. Equipped with Viton® seals, sealed bearings. Maximum Temperature is 140° F. Metallic rotor. Weight is 9 lbs.

**Max. RPM:** 1200  
**Shaft:** 5/8" O.D.  
**Seals:** Viton®  
**Pump Shaft Rotation:** CW or CCW when facing shaft

**Capacity:** to 21 GPM  
**Max. Pressure:** 150 PSI  
**Super Rollers**

*Note: Use 1" Suction Line at speeds above 800 RPM*

SPEED	0 PSI		50 PSI		100 PSI		150 PSI	
	RPM	GPM	HP	GPM	HP	GPM	HP	GPM
540	10.2	.09	8.1	.58	7.5	.83	6.7	1.16
600	11.4	.10	9.1	.65	8.6	.90	7.7	1.27
800	15.1	.17	12.9	.86	12.3	1.21	11.3	1.68
1000	18.7	.25	16.4	1.11	15.8	1.54	14.7	2.13
1200	21.9	.39	19.7	1.40	18.9	1.93	18.1	2.69

#### Part No.

- HY 6500CA 6-ROLLER HYPRO PUMPS  
Cast-Iron Pump. Less PTO Coupler, CCW .....
- HY 6500CAR Cast-Iron Pump - Reverse Rotation, CW \* .....
- HY 6500NA Ni-Resist Pump. Less PTO Coupler, CCW .....
- HY 6500XLA Silver Cast® Pump Less Coupler, CCW .....
- DU R65 Repair Kit. with Super  
Rollers, Seals & Bearings.....
- HY 3420-23 Base Kit. For 6500 Series Pumps.....

\* CW Rotation for engine unit drive.

## 7560 Series 3/4" Ports 8-Rollers

**HYPRO®**



Available in Ni-Resist, Cast Iron and Silver Cast® construction. Performs well over a wide range of pressures and capacities. Maximum temperature is 140° F. Metallic rotor. Weight is 14 lbs.

**Max. RPM:** 1000  
**Shaft:** 15/16" O.D.  
**Seals:** Viton®  
**Pump Shaft Rotation:** CW or CCW when facing shaft

**Capacity:** to 22 GPM  
**Max. Pressure:** 150 PSI  
**Super Rollers**

*Note: Use 1" Suction Line at speeds above 800 RPM.*

PRESSURE	50 PSI		100 PSI		150 PSI	
	R.P.M.	G.P.M.	H.P.	G.P.M.	H.P.	G.P.M.
400	8.3	.53	7.6	.86	6.7	1.26
540	11.1	.74	10.3	1.25	9.5	1.77
600	13.1	.87	12.1	1.41	11.2	1.98
800	17.5	1.26	16.9	1.95	16.1	2.65
1000	22.0	1.78	21.3	2.53	20.6	3.5

#### Part No.

- HY 7560CA 8-ROLLER HYPRO PUMP  
Cast-Iron. Less PTO Coupler, CCW .....
- HY 7560CAR Cast-Iron Pump - Reverse Rotation, CW \* .....
- HY 7560NA Ni-Resist. Less PTO Coupler, CCW .....
- HY 7560NAR Ni-Resist REVERSE ROTATION, CW \* .....
- HY 7560XLA Silver Cast® Less PTO Coupler, CCW .....
- HY 7560XLAR Silver Cast® REVERSE ROTATION, CW \* .....
- DU R75 Repair Kit with Super  
Rollers, Seals & Bearings.....
- HY 3420-3 Base Kit For 7560 Pumps .....

\* CW Rotation for engine unit drive.

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The Roller Pumps on this page are used mainly in agriculture, park and turf management and pest control. They operate efficiently at tractor PTO speeds, will handle suspensions of non-abrasive wettable powders and will tolerate considerable wear before performance is adversely affected. **Body:** Cast iron, Ni-Resist or Silver Cast®. **Seals:** Viton® is standard on 1700, 4000, 6500 and 7560 Series. Buna-N is standard on the 1500 series. **Shafts:** are all of Stainless Steel. **Rollers:** These pumps are all supplied with a composite roller of nylon and polypropylene; Teflon and Buna-N rollers are available for specific applications.

### HYPRO® XL Silver Cast® Pumps

Silver Cast is a new alloy developed by Hypro which is harder, wears better and is more corrosion resistant than any other casting material used in Ag Roller Pumps. **These pumps will outlast cast iron models by 10 times. Use on Roundup™ type products.**

## 1700 Series 1" Ports 5-Rollers

A rugged five-roller pump designed for long life in hard service. Rated output exceeded only by the larger series 1500 pump



**Max. RPM:** 1000  
**Shaft:** 15/16" O.D.  
**Seals:** Viton®  
**Super Rollers**

**Capacity:** to 43 GPM  
**Max. Pressure:** 200 PSI  
**Weight:** 20 lbs.

**Pump Shaft Rotation:** CCW when facing shaft

*Note: Use 1-1/4" Suction Line at speeds above 800 RPM.*

PRESSURE	50 PSI		100 PSI		150 PSI		200 PSI	
	R.P.M.	G.P.M.	H.P.	G.P.M.	H.P.	G.P.M.	H.P.	G.P.M.
540	21.0	1.18	19.0	2.13	17.0	2.89	15.0	3.85
800	34.5	1.85	32.5	3.20	29.5	4.75	28.0	6.20
* 900	40.0	2.63	38.0	3.95	35.0	5.40	-	-
* 1000	43.0	3.00	41.0	4.67	39.0	6.07	-	-

*For 900 & 1000 rpm speeds. Recommended continuous duty maximum pressure - 100 PSI (.69 MPa); Recommended intermittent duty maximum pressure-150 PSI.*

#### Part No.

- HY 1700C Cast-Iron Pump, Less PTO Coupler.....
- HY 1700XL Silver Cast® Pump, Less PTO Coupler .....
- DU R17 Repair Kit. with Super  
Rollers, Seals & Bearings.....

## 1500 Series - High Capacity 1-1/2" Ports 6-Rollers



**Capacity:** to 60 GPM  
**Max. Pressure:** 150 PSI  
**Shaft:** 15/16" O.D.  
**Seals:** Buna-N  
**Super Rollers**

**Max. Temp:** 140° F.  
**Max. RPM:** 1000  
**Weight:** 26 lbs.

**Pump Shaft Rotation:** CCW when facing shaft

PUMP SPEED (RPM)	0 PSI		25 PSI		50 PSI		100 PSI		150 PSI	
	GPM	HP	GPM	HP	GPM	HP	GPM	HP	GPM	HP
540	33.1	.51	29.7	1.02	27.8	1.45	24.3	2.46	21.0	3.5
800	49.5	1.29	46.1	1.90	44.6	2.49	41.5	3.90	38.3	5.44
1000	62.1	2.02	58.5	3.04	56.9	3.69	53.9	5.31	50.9	7.12

**HYPRO®**

*Note: Pump Requires a 2" Suction Line at speeds above 800 RPM.*

#### Part No.

- HY 1502C 6-ROLLER HYPRO PUMPS  
Cast Iron Pump, Less PTO Coupler .....
- HY 1502XL Silver Cast® Pump, Less PTO Coupler .....
- HY 3420-4 Base Kit For N1502 Pumps.....
- DU R15 Repair Kit. with Super Rollers,  
Seals & Bearings.....



**The Right Parts...**

*"The right parts at the right price and quick shipping"*

**James**