Hypro Roller Pumps

Ideal for Farm Sprayers, Pest Control and Chemical Application Usage.

- Housings available in Cast Iron, Ni-Resist or Silver Series
- Self priming operation; Roller pumps should not be run dry
- Adaptable to PTO’s or Gas Engines
- Standard seals are Viton or Buna
- Standard super rollers provide the chemical resistance of Nylon and long life of Polypropylene
- Rotation is determined by looking at shaft end of pump
- Counter clockwise is standard on all except 4001 and 4101 Series
- Maximum fluid temperature is 140°

### Performance Tables

#### Series 4001
- Max psi 150
- Max GPM 9
- Max RPM 1800

<table>
<thead>
<tr>
<th>Pressure (Psi)</th>
<th>Flow @ 1100 RPM</th>
<th>Flow @ 1400 RPM</th>
<th>Flow @ 1800 RPM</th>
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<tbody>
<tr>
<td>50</td>
<td>4.4</td>
<td>5.9</td>
<td>8.0</td>
</tr>
<tr>
<td>100</td>
<td>3.8</td>
<td>5.3</td>
<td>7.3</td>
</tr>
<tr>
<td>125</td>
<td>3.5</td>
<td>5.0</td>
<td>7.0</td>
</tr>
<tr>
<td>150</td>
<td>3.3</td>
<td>4.8</td>
<td>6.7</td>
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</table>

#### Series 4101
- Max psi 150
- Max GPM 7
- Max RPM 2600

<table>
<thead>
<tr>
<th>Pressure (Psi)</th>
<th>Flow @ 1100 RPM</th>
<th>Flow @ 1400 RPM</th>
<th>Flow @ 1800 RPM</th>
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<tbody>
<tr>
<td>50</td>
<td>4.5</td>
<td>5.60</td>
<td>6.6</td>
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<tr>
<td>100</td>
<td>3.9</td>
<td>5.00</td>
<td>6.0</td>
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<tr>
<td>125</td>
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<td>0.82</td>
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<tr>
<td>150</td>
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<td>0.78</td>
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#### Series 5500
- Max psi 300
- Max GPM 18.2
- Max RPM 1000

<table>
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<th>Pressure (Psi)</th>
<th>Flow @ 1100 RPM</th>
<th>Flow @ 1400 RPM</th>
<th>Flow @ 1800 RPM</th>
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<tr>
<td>50</td>
<td>8.0</td>
<td>16.5</td>
<td>20.1</td>
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<td>100</td>
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<tr>
<td>300</td>
<td>4.3</td>
<td>12.7</td>
<td>15.7</td>
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</table>

#### Series 7560
- Max psi 300
- Max GPM 22.5
- Max RPM 1000

<table>
<thead>
<tr>
<th>Pressure (Psi)</th>
<th>Flow @ 1100 RPM</th>
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<th>Flow @ 1800 RPM</th>
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<td>17.5</td>
<td>22.0</td>
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<td>200</td>
<td>8.6</td>
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<tr>
<td>300</td>
<td>7.1</td>
<td>18.9</td>
<td>18.0</td>
</tr>
</tbody>
</table>

### Twin Diaphragm Spot Spray Pump

**Specifications:**
- 1 GPM (open)
- 35 PSI (#8 tip)
- 3/8” hose barb inlet/outlet
- Self-priming to 2.5 feet
- Operating temperature 40° - 110°F
- Liquid temperature 110°F max
- 5 Amp fuse
- 1.3 lbs dry weight

**Features:**
- Compact automatic on-demand operation
- SEALED pressure switch automatically stops pump when discharge valve opens & closes
- Self-priming so pump can be located above supply tank
- Can run dry for extended periods without damage
- Built-in thermal protection on 12VDC motor
- Low Amp draw (2.5 @ 25 PSI, 4.0 @ 35 PSI)
- Chemical-resistant valves & diaphragm

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Original No.</th>
<th>Description</th>
<th>Open Flow</th>
<th>Max PSI</th>
<th>Power</th>
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<tr>
<td>8.702-326.0</td>
<td>100880</td>
<td>Spot Spray Pump</td>
<td>1.0</td>
<td>35</td>
<td>12 VDC</td>
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</tbody>
</table>
**Flojet Diaphragm Pump**

Built in pressure switch automatically starts and stops pump instantaneously.

- Can run dry without damage  
- Excellent Self Priming Capability  
- Low current draw

### Diaphragm Pump Units

1.00 - 3.8 GPM integrated pump motor units. Powered by 12V DC or 115V AC power. Pumps are standard with Santoprene® diaphragms and Viton valves for excellent service with a wide variety of sprayable products.

**NOTE:** Flow is reduced as pressure is increased (i.e., 100850 pumps 1.12 GPM @ 60 psi) Automatic demand pressure switch or internal bypass.

### AG SPRAY ACCESSORIES

**Flojet Diaphragm Pump**

- Built in pressure switch automatically starts and stops pump instantaneously.
- Can run dry without damage
- Excellent Self Priming Capability
- Low current draw

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Original No.</th>
<th>Flojet Model No.</th>
<th>Power</th>
<th>Max Flow</th>
<th>Max PSI</th>
<th>Ports</th>
<th>Diaphragm*</th>
<th>Valves*</th>
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<tbody>
<tr>
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<td>2135-561</td>
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<td>V</td>
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<td>4300-142A</td>
<td>12V DC</td>
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<td>1/2” Barb</td>
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<tr>
<td>8.702-312.0</td>
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<td>2100-032</td>
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<td>4300-042</td>
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<td>E</td>
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<td>S</td>
<td>E</td>
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</table>

*B = BUNA  V = Viton  E = EPDM  S = Santoprene

**NOTE:** These units are designed to withstand many harsh chemicals. However, because compounds and concentrations of materials pumped through these Units are beyond the manufacturer’s control, the manufacturer DOES NOT PROVIDE A WARRANTY on the wet-end of the pump.

### Diaphragm Pump Units

**1.00 - 3.8 GPM** integrated pump motor units. Powered by 12V DC or 115V AC power. Pumps are standard with Santoprene® diaphragms and Viton valves for excellent service with a wide variety of sprayable products.

**NOTE:** Flow is reduced as pressure is increased (i.e., 100850 pumps 1.12 GPM @ 60 psi) Automatic demand pressure switch or internal bypass.

- Chemical resistant materials
- Self priming
- Automatic demand pressure switch or internal bypass

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Original No.</th>
<th>Surflo Model No.</th>
<th>Power</th>
<th>Max Flow</th>
<th>Max PSI</th>
<th>Ports</th>
<th>Diaphragm*</th>
<th>Valves*</th>
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<tr>
<td>8.702-304.0</td>
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<td>8000-343-236 Demand</td>
<td>12V DC</td>
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<td>V</td>
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<tr>
<td>8.702-300.0</td>
<td>100850</td>
<td>8000-543-236 Demand</td>
<td>12V DC</td>
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<td>V</td>
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<td>8000-543-238 Demand</td>
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<td>8030-813-239 Demand</td>
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<td>8002-793-238 Demand</td>
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<td>8000-033-236 Demand</td>
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<td>V</td>
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<td>100</td>
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</table>

**2088 Premium Series** - self primes up to 12 foot - Built in Back Check

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Original No.</th>
<th>Surflo Model No.</th>
<th>Power</th>
<th>Max Flow</th>
<th>Max PSI</th>
<th>Ports</th>
<th>Diaphragm*</th>
<th>Valves*</th>
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<td>8.702-305.0</td>
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<td>12V DC</td>
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<tr>
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<td>V</td>
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<td>2088-712-244 Demand</td>
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<td>40</td>
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**4111 - Double Head**

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**166 - Air Drive**

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<td>V</td>
</tr>
</tbody>
</table>

*B = Santoprene  V = Viton  E = EPDM

**NOTE:** These units are designed to withstand many harsh chemicals. However, because compounds and concentrations of materials pumped through these Units are beyond the manufacturer’s control, the manufacturer DOES NOT PROVIDE A WARRANTY on the wet-end of the pump.
Industrial Chemical Sprayer

Excellent pre-prep chemical applicator. Trigger control, demand flow, wall mount cabinet, enclosed pump unit pulls chemical from a bulk tank and delivers it through 100’ lightweight hose for low pressure stream/cone or mist application. Operator simply squeezes trigger for instant application.

- Diaphragm pump units
- 60 psi pressure
- Choice of 12V DC or 110V DC
- 100 foot hose

Trigger Control Spray Lances

Excellent for low pressure chemical applications up to 150 psi. Available in either plastic or brass lance tube. Works well with neutral, alkaline or mild acid solutions.

- Steel trigger & service wrench
- Plastic valve body
- Brass needle plunger
- Filter screen in nozzle housing
- Standard 11/16” outlet thread for standard low pressure nozzle
- Cone nozzle adjusts 0 - 80°
- Accepts the adjustable cone nozzles or standard tip-jet nozzles (11/16 nozzle thread)
- 3/8” FPT inlet models allow unlimited flexibility in choice of hose barb sizes
- 24” lance – brass or plastic
- Best Buy

910 Spot Spray Gun Assembly

High pressure trigger gun adapted to spot spray application.

- Durable & comfortable
- 12” plated steel lance
- 1/4” hose barb inlet
- #2 blue adjustable nozzle

Trigger Valves

Versatile hand-held trigger valves for chemical or water flow control.

- 1/2” FPT inlet/outlet
- Lock-on trigger loop
- 18.5 GPM
- 700 PSI

Spraymax Trigger Gun

For Your Pest Control Customers.

- 1000 PSI
- 200° temperature
- Compare to JD-9, Mag-1, Robco, & Ges
- Adjusts from fine mist to straight stream
- Drip-free shutoff
- Crafted for all-day comfortable use
- Larger trigger for 4-fingered grip
**AG SPRAY ACCESSORIES**

**Trigger Jet Spray Lances**

Low pressure chemical application lance will tolerate mild acid solutions.

- Diaphragm shut off valve
- Hand grip trigger control
- Plastic lance tube resistant to acids and agricultural chemicals
- 150 PSI

**Low Flow Brass Pressure Regulator**

- For sprayers pumping up to 5 GPM
- Durable & strong brass construction
- Stainless steel spring
- Positive Viton seal to prevent leakage
- Knurled locknut for easy adjustment
- 1/2" MPT inlet
- 3/4" FPT outlet
- 120°F temperature
- 10.3 oz weight

**Brass Pressure Regulator**

- Durable and Strong.
- For sprayers pumping up to 15 GPM
- Adjustable pressure ranges
- Stainless steel spring
- Tee-handle adjustment screw
- 3/4" MPT inlet
- 120°F temperature
- 10.3 oz weight

**Heavy-Duty Swivels**

- Live swivels help prevent twisted and tangled hose.

**Nylon Pressure Regulator**

- Maximum Corrosion Resistance.

**Trigger Jet Nozzles**

- Polypropylene adjust from 0° to 60° Cone

**Turbine Series Guns**

Forged brass housings — Stainless steel lances — Mist cone to straight stream adjustment — On/Off control — Lock-on trigger — 1/2" MPT inlet Viton seals — Up to 1200 psi at 140° Fahrenheit.

- 1200 PSI
- 1/2" BSP male inlet
- Weights only 4 lbs
- Standard 15 x 1 LRT (4.5mm)
- 62 ft reach, straight stream @ 850 PSI
- 31.5 ft reach, full cone @ 850 PSI

**15 x 1 Long Range Tip - Stainless Steel**

Best Used with Long Range Turbine Gun.

- 850 psi
- 24.4 GPM
- 77 ft max throw range
AG SPRAY ACCESSORIES

Your One Stop Shop for Parts

**Plastic Fittings**

For Water and Chemical Supply Lines. Ideal for use with most alkaline-based detergents, most agricultural chemicals, ethanol, and most ammonium and sodium-based compounds.

- **150 PSI**
- **140°F max @ 90 PSI**
- **90°F max @ 150 PSI**

**DO NOT USE** Polypropylene for:
- Gasoline, Nitric Acid, Trichlorethylene, Toluene, Aromatic Hydrocarbons, or Kerosene.

**DO NOT USE** Nylon for:
- Hydrochloric Acid, Chlorine, Fluorine, Nitric, Xylene or Phosphoric or Sulfuric Acids.

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**Bulkhead Fittings**

- Black polypropylene
- Double threaded w/EPDM gasket
- Opening same size as outside diameter

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**Brass Bulkhead / Tank Fittings**

- Use to drain or remove liquids from tanks, drums, etc.
- Heavy-duty brass
- Includes nut and aluminum grip washer

---

**Diaphragm Check Valves - Nylon**

For drip free spraying.

- 125 PSI
- 2 GPM
- Nylon body, polypropylene end cap - EPDM - diaphragm
- 10 PSI opening pressure
- 1/4” MPT inlet, 11/16” – 16 male outlet nozzle thread
- Spring-backed diaphragm for positive action

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<table>
<thead>
<tr>
<th>Part No.</th>
<th>Original No.</th>
<th>Description</th>
</tr>
</thead>
<tbody>
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<td>8.709-377.0</td>
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