German Quality
German Engineering

Get the results you need, time after time.

Solo® sprayers are built tough and made to last. That is why they are the first choice of farmers, professional landscapers and do-it-yourselfers everywhere. In fact, Solo has earned global recognition for superior quality spraying equipment since 1948.

If you rely on a tool that contributes to your livelihood, it only makes sense to choose one that will increase your efficiency and productivity. With Solo sprayers, you will appreciate more precise application of product, resulting in less waste and less runoff. Plus, most Solo sprayers are made and assembled in the USA, and triple tested before leaving the factory.

The distinctive Solo difference — features that deliver outstanding value and efficiency.

Solo sprayers share the features that improve your spraying experience:

- Long-lasting, corrosion-resistant tanks made from UV-resistant, high-density polyethylene (HDPE).
- Easy-to-monitor fill levels with translucent and metered tanks.
- Piston or diaphragm pump system for liquid or wettable powder applications.
- Chemical-resistant seals and gaskets provide extended use with a wide variety of chemicals.
- Outstanding reach and durability with extra-long, nylon-reinforced high-pressure hoses.

The two battery-powered sprayers, the power sprayer, and the backpack mist blower are not only lightweight but also powerful. Whether battery-powered or motorized, these tools combine high levels of performance and top quality.
One-Hand Pressure Sprayers

Lightweight and versatile, these sprayers are perfect for general, at-home spraying both indoors and out, weed control, gardening, auto and marine, livestock applications and more. All offer many of the same features as our larger, professional sprayers.

- Chemical-resistant seals for use with harsh chemicals.
- Locking trigger reduces user fatigue.

**415**
- Chemical-resistant seals for use with pesticides.
- Large pump knob.
- Plastic adjustable nozzle.
- Pressure relief valve.

**403, 404**
- Chemical-resistant seals for use with pesticides.
- Large pump knob.
- Plastic adjustable nozzle.
- Pressure relief valve.

**Model # UPC # 720 343 Capacity Wand Pump Weight Carton Size Cubic Feet Case Pack**

<table>
<thead>
<tr>
<th>Model #</th>
<th>UPC #</th>
<th>Capacity</th>
<th>Wand</th>
<th>Pump</th>
<th>Weight</th>
<th>Carton Size</th>
<th>Cubic Feet</th>
<th>Case Pack</th>
</tr>
</thead>
<tbody>
<tr>
<td>415</td>
<td>41500</td>
<td>1 L</td>
<td>N/A</td>
<td>Piston</td>
<td>0.75 lbs</td>
<td>20&quot; x 14.5&quot; x 11.6&quot;</td>
<td>1.96</td>
<td>12*</td>
</tr>
<tr>
<td>403</td>
<td>01403</td>
<td>1.25 L</td>
<td>N/A</td>
<td>Piston</td>
<td>1.4 lbs</td>
<td>12&quot; x 6.5&quot; x 6&quot;</td>
<td>0.26</td>
<td>10</td>
</tr>
<tr>
<td>404</td>
<td>00404</td>
<td>2 L</td>
<td>N/A</td>
<td>Piston</td>
<td>1.6 lbs</td>
<td>13.5&quot; x 6.75&quot; x 6.5&quot;</td>
<td>0.28</td>
<td>10</td>
</tr>
</tbody>
</table>

One-Hand Pressure & Battery-Operated Sprayers

Great for gardening, fertilizing, and weed control. Perfect for cleaning and general spraying. Excellent for equine and livestock applications.

**418, 418-2L, 419, 420**
- Chemical-resistant Viton® seals for outstanding resistance to harsh chemicals.
- Multi-directional nozzle.
- Unique drift guard for added control for spot treatment.
- Locking trigger for reduced user fatigue.
- 9.5” stainless steel wand provides added reach (419).
- Telescoping wand adjustable from 12" to 22" for comfortable ground-level spraying without bending over (420).

**460-Li Battery-Operated Sprayer**
- Suitable for use with all approved plant protection chemicals and liquid fertilizers.
- Transparent and stable container with 1-litre filling volume. Easy indication of the content level.
- The flexible internal suction hose ensures a complete emptying of the tank and also makes over-the-head spraying possible.
- The universal nozzle is continuously adjustable from fine dust to a string jet.
- Ergonomically shaped handle with smooth one button operation.
- Integrated lithium-ion battery for up to 60 minutes operation time.
- Easy charging at every USB-Port (charging cable included). Charging time approx. 90 minutes.

**Model # UPC # 720 343 Capacity Wand Pump Weight Carton Size Cubic Feet Case Pack**

<table>
<thead>
<tr>
<th>Model #</th>
<th>UPC #</th>
<th>Capacity</th>
<th>Wand</th>
<th>Pump</th>
<th>Weight</th>
<th>Carton Size</th>
<th>Cubic Feet</th>
<th>Case Pack</th>
</tr>
</thead>
<tbody>
<tr>
<td>418</td>
<td>41810</td>
<td>1 L</td>
<td>3.5&quot;</td>
<td>Piston</td>
<td>1.2 lbs</td>
<td>10&quot; x 7.5&quot; x 5&quot;</td>
<td>0.22</td>
<td>20</td>
</tr>
<tr>
<td>418-2L</td>
<td>41802</td>
<td>2 L</td>
<td>3.5&quot;</td>
<td>Piston</td>
<td>1.5 lbs</td>
<td>11.25&quot; x 7&quot; x 6.25&quot;</td>
<td>0.28</td>
<td>16</td>
</tr>
<tr>
<td>419</td>
<td>41900</td>
<td>2 L</td>
<td>9.5&quot;</td>
<td>Piston</td>
<td>1.5 lbs</td>
<td>11.25&quot; x 7&quot; x 6.25&quot;</td>
<td>0.28</td>
<td>16</td>
</tr>
<tr>
<td>420</td>
<td>42000</td>
<td>2 L</td>
<td>12&quot;-23&quot;</td>
<td>Piston</td>
<td>1.55 lbs</td>
<td>11.25&quot; x 7&quot; x 6.25&quot;</td>
<td>0.28</td>
<td>16</td>
</tr>
<tr>
<td>460-Li</td>
<td>46000</td>
<td>1 L</td>
<td>N/A</td>
<td>Piston</td>
<td>0.66 lbs</td>
<td>11&quot; x 5&quot; x 5&quot;</td>
<td>0.16</td>
<td>6</td>
</tr>
</tbody>
</table>

* Sold only in case packs
Hose-End, Economy and Trolley Sprayers

400-1G Economy Sprayer
A full-featured sprayer in an economical package. Perfect for wood deck cleaners, as well as algae and mildew removers. Can be used for general purpose spraying.
- Durable 19” plastic wand and shut-off valve assembly.
- 34” PVC hose.
- Easy-to-fill funnel top.
- Pressure relief valve vents excess pressure.
- Plastic adjustable spray nozzle adjusts from stream to mist.

405-HE Hose-End Sprayer
Keep your hands chemical-free with the adaptable and adjustable hose-end sprayer.
- Adapts to fit bottles of the most popular brands of chemical concentrates.
- No measuring, pouring or mixing.
- Quick-to-connect hose coupler.
- Tank works as a container, if desired.

453 Trolley Sprayer
Plant maintenance made easy. The large wheels of the SOLO 453 trolley sprayer make it convenient to pull along, facilitating work involving long distances, whether moving through a garden or transporting to a site. Ideal for spraying pesticides, herbicides, and for general spraying.
- Easy to handle. The wheels carry the weight.
- Wheeled caddy adds stability when tank is upright.
- Extra long 8’ coil hose makes it convenient to park the sprayer and go about remote spraying tasks.
- Large piston pump for quick pressurization.
- Adjustable aluminum handle with soft grip sleeve for easy transport.
- Automatic pressure relief valve releases excess pressure.

Pressure Sprayers

405-US, 406-US
Multi-Purpose Sprayers
A full-featured sprayer in an economical package is perfect for homeowners. Use for general-purpose spraying, gardening applications and pest control. Also works great with wood deck cleaners, as well as algae and mildew removers.
- Durable 24” poly wand and shut-off valve assembly.
- 45” PVC hose.
- Easy-to-fill funnel top.
- Plastic adjustable spray nozzle included. TeeJet® compatible.
- Large pump handle with a built-in wand retainer.
- Pressure relief valve.

<table>
<thead>
<tr>
<th>Model #</th>
<th>UPC #</th>
<th>Capacity</th>
<th>Wand</th>
<th>Hose</th>
<th>Pump</th>
<th>Weight</th>
<th>Carton Size</th>
<th>Cubic Feet</th>
<th>Pallet Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>405-US</td>
<td>00405</td>
<td>1 gal</td>
<td>N/A</td>
<td>N/A</td>
<td>Piston</td>
<td>3 lbs</td>
<td>12.25&quot; x 8&quot; x 8&quot;</td>
<td>0.67</td>
<td>120</td>
</tr>
<tr>
<td>406-US</td>
<td>01406</td>
<td>2 gal</td>
<td>N/A</td>
<td>16&quot;</td>
<td>45&quot;</td>
<td>4 lbs</td>
<td>21.25&quot; x 9&quot; x 9&quot;</td>
<td>1</td>
<td>72</td>
</tr>
</tbody>
</table>

* Sold only in case packs
Pressure Sprayers

430 Series Farm and Landscape Sprayers
Designed for general purpose spraying at home or on the farm, the 430 series sprayers offer more features than other brands at competitive prices.

- Chemical resistant Viton® seals in key locations withstand harsh chemicals for long service and durability.
- Commercial quality shut-off valve with lock-on/lock-off feature reduces operator fatigue.
- Funnel top for easy fill and large secondary opening for easy clean-up.
- Four-nozzle assortment: adjustable, flat fan, jet stream and hollow cone. TeeJet® compatible.
- Unique storage compartment for extra nozzles.
- Adjustable webbed nylon carry strap makes carrying easy.

Model # | UPC # | Capacity | Wand | Hose | Pump | Weight | Carton Size | Cubic Feet | Pallet Quantity |
---|---|---|---|---|---|---|---|---|---|
430-1G | 43010 | 1 gal | 20" | 48" | Piston | 5 lbs | 22" x 6.5" x 6.5" | 0.89 | 100 |
430-2G | 43200 | 2 gal | 20" | 48" | Piston | 6 lbs | 22" x 6.5" x 6.5" | 0.89 | 100 |
430-3G | 43300 | 3 gal | 20" | 48" | Piston | 7 lbs | 24" x 8.25" x 8.25" | 0.95 | 75 |

Pressure & Professional Rollabout Sprayers

457-Rollabout Professional Sprayer
Just roll the sprayer to your work area! Large tank is designed to make quick work of big jobs. Includes the features of the 450 series handheld sprayers plus:

- Heavy-duty wheels and pull handle allow for convenient movement while spraying.
- The wheels carry the weight and are designed to handle rough terrain.
- Extra long 72" hose makes it convenient to park the sprayer and go about remote spraying tasks.
- Built-in air inflation valve allows pressurizing sprayer using a compressor.

Model # | UPC # | Capacity | Wand | Hose | Pump | Weight | Carton Size | Cubic Feet | Pallet Quantity |
---|---|---|---|---|---|---|---|---|---|
454 | 45400 | 1.5 gal | 20" | 48" | Piston | 5 lbs | 22" x 6.5" x 6.5" | 0.89 | 100 |
456 | 45600 | 2.5 gal | 20" | 48" | Piston | 6 lbs | 22" x 6.5" x 6.5" | 0.89 | 100 |
458 | 45800 | 3 gal | 20" | 48" | Piston | 7.9 lbs | 27" x 9.25" x 9" | 1.3 | 60 |
458-Rollabout | 00458 | 3 gal | 20" | 72" | Piston | 12 lbs | 28.5" x 12.5" x 10.5" | 2.16 | 48 |
Rugged Solo backpack sprayers are designed for jobs both large and small. Solo backpack sprayers are equipped with either a piston or diaphragm pump system.

**Piston Pump System**

Sprayer models 425, 425-101, 435 and 473-P, with connecting rod-actuated piston pumps, can produce a wide pressure range of up to 90 psi and are capable of performing virtually every spraying task. Easily and effectively handles liquid disinfectants, fertilizers, herbicides, pesticides and formulations for tree, shrub and plant protection.

**Diaphragm Pump System**

Sprayer models 475-8, 475-101, 485, and 473-D are capable of producing up to 60 psi, with rugged connecting-rod-actuated diaphragm pumps. Diaphragm is made of top quality Tivilon® material to provide outstanding resistance to harsh chemicals. Designed with the ability to pass small abrasive particles without damage to the pump assembly. The diaphragm pump is ideal for handling chemicals in wettable powder form, as well as liquid formulations.

**Commercial Quality Interchangeable Nozzle System**

NOVA 424 (Internal Piston)
- Internal pump system incorporates an effective mixing system. While pumping, the liquid in the tank is constantly agitated.
- Pump lever can be repositioned vertically to save space.
- Large 4.75” tank opening. The large filter basket is easily removed.
- Integrated carry handle for comfortable transport and easy maneuvering.
- Stable tank base ensures that the sprayer will not tip over when filling.
- 28” unbreakable wand and shut-off valve assembly provides excellent reach.
- Speed Tip Nozzle: multi-pattern spray. Sprays with 3 different settings with a turn of the dial: jet stream, flat spray and full cone mist.
- Durable shut-off valve with lock-on / lock-off feature reduces operator fatigue.
- 48” nylon-reinforced high-pressure hose for extended reach.
- Adjustable padded straps.

424-Li (Battery-Powered)
- 11V Lithium-ion battery. 2.5 hour running time, 2-hour charging time
- 11V diaphragm pump, 37.5 PSI
- Large 4.75” opening. The large filter basket is easily removed
- Integrated carry handle for easy transport and easy maneuvering.
- Stable tank base ensures that the sprayer will not tip over when filling.
- 28” unbreakable wand and shut-off valve assembly provides excellent reach.
- Speed Tip Nozzle: multi-spray pattern. Sprays with 3 different settings with a turn of the dial: jet stream, flat spray and full cone mist.
- Durable shut-off valve with lock-on / lock-off feature reduces operator fatigue.
- 48” nylon reinforced high-pressure hose for extended reach.
- Adjustable padded straps.

425 (Piston), 475-B (Diaphragm)
- The 425 and 475-B models are the “flagship” sprayers of the Solo® line.
- Designed with professional features throughout.
- For liquid formulations (425); for wettable powder, liquid formulations and bleach solutions (475-B).
- 28” unbreakable wand and shut-off valve for excellent reach.
- Commercial shut-off valve with lock-on/lock-off feature to minimize user fatigue.
- Viton® seals in key locations ensure long service and durability.
- Interchangeable pump handle for left or right-hand operation.
- 48” nylon-reinforced high-pressure hose for extended reach.

**Model Information**

<table>
<thead>
<tr>
<th>Model #</th>
<th>UPC #</th>
<th>Capacity</th>
<th>Wand</th>
<th>Hose</th>
<th>Pump / Battery</th>
<th>Weight</th>
<th>Carton Size</th>
<th>Cubic Feet</th>
<th>Pallet Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>NOVA 424</td>
<td>00424 3</td>
<td>4 gal</td>
<td>20”</td>
<td>48”</td>
<td>Internal Piston</td>
<td>11 lbs</td>
<td>24” x 16” x 10”</td>
<td>2.23</td>
<td>44</td>
</tr>
<tr>
<td>424-Li</td>
<td>42400 3</td>
<td>4 gal</td>
<td>20”</td>
<td>48”</td>
<td>Lithium-ion</td>
<td>10 lbs</td>
<td>24” x 16” x 10”</td>
<td>2.23</td>
<td>44</td>
</tr>
<tr>
<td>425</td>
<td>42500 0</td>
<td>4 gal</td>
<td>20”</td>
<td>48”</td>
<td>Piston</td>
<td>11 lbs</td>
<td>20.25” x 14.75” x 9.25”</td>
<td>1.57</td>
<td>60</td>
</tr>
<tr>
<td>475-B</td>
<td>47530 2</td>
<td>4 gal</td>
<td>20”</td>
<td>48”</td>
<td>Diaphragm</td>
<td>11 lbs</td>
<td>20.25” x 14.75” x 9.25”</td>
<td>1.57</td>
<td>60</td>
</tr>
</tbody>
</table>
### 473-P (Piston), 473-D (Diaphragm)
- Professional features in a compact package.
- Designed with professional features throughout.
- For liquid formulations (473-P); for wettable powder, liquid formulations and bleach solutions (473-D).

### 435 (Piston), 485 (Diaphragm)
- Designed for the largest of jobs.
- Professional features throughout.
- High-performance piston pump for increased pressure capabilities of up to 90 psi with an optional plug #4200215 (not included), (435).
- High-performance diaphragm produces pressure of up to 60 psi (485).
- Adjustable pressure regulator with four positions: 15, 30, 45, 60 psi.
- Viton® seals throughout ensure long service and durability.
- Extra large carrying handle with wand retainer for easy portability and storage.
- Fold-away handle with wand retainers for easy storage and transport.
- Deluxe shoulder straps and waist belt for user comfort.
- Less refilling with 5 gallon capacity.

### 425-PROF (Piston), 475-PROF (Diaphragm)
- High-performance piston pump for increased pressure capabilities of up to 90 psi with an optional plug #4200215 (not included), (425-PROF).
- High-performance diaphragm produces pressure of up to 60 psi (475-PROF).
- Adjustable pressure regulator with four positions: 15, 30, 45, 60 psi.
- Viton® seals throughout ensure long service and durability.
- Extra large carrying handle with wand retainer for easy portability and storage.
- Fold-away handle with wand retainers for easy storage.
- Deluxe shoulder straps and waist belt for user comfort.
- Five-nozzle assortment: brass adjustable, plastic adjustable, fan spray, hollow cone, and jet stream nozzles. TeeJet® compatible (475-PROF).

### 425-101 (Piston), 475-101 (Diaphragm)
- High-performance piston pump for increased pressure capabilities of up to 90 psi (425-101).
- High-performance diaphragm produces pressure of up to 60 psi (475-101).
- Extra large carrying handle with wand retainer for easy portability and storage.
- Fold-away handle with wand retainers for easy storage.
- Deluxe shoulder straps and waist belt for user comfort.

### Table: Backpack Sprayers

<table>
<thead>
<tr>
<th>Model #</th>
<th>UPC #</th>
<th>Capacity</th>
<th>Wand</th>
<th>Hose</th>
<th>Pump</th>
<th>Weight</th>
<th>Carton Size</th>
<th>Cubic Feet</th>
<th>Pallet Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>473-P</td>
<td>47320</td>
<td>3 gal</td>
<td>20&quot;</td>
<td>48&quot;</td>
<td>Piston</td>
<td>11 lbs</td>
<td>20.25&quot; x 14.75&quot; x 9.25&quot;</td>
<td>1.57</td>
<td>60</td>
</tr>
<tr>
<td>473-D</td>
<td>47310</td>
<td>3 gal</td>
<td>20&quot;</td>
<td>48&quot;</td>
<td>Diaphragm</td>
<td>11 lbs</td>
<td>20.25&quot; x 14.75&quot; x 9.25&quot;</td>
<td>1.57</td>
<td>60</td>
</tr>
<tr>
<td>435</td>
<td>43500</td>
<td>5 gal</td>
<td>21&quot;</td>
<td>48&quot;</td>
<td>Piston</td>
<td>11 lbs</td>
<td>10.5&quot; x 23&quot; x 17&quot;</td>
<td>2.38</td>
<td>28</td>
</tr>
<tr>
<td>485</td>
<td>48500</td>
<td>5 gal</td>
<td>20&quot;</td>
<td>48&quot;</td>
<td>Diaphragm</td>
<td>14 lbs</td>
<td>10.5&quot; x 23&quot; x 17&quot;</td>
<td>2.38</td>
<td>28</td>
</tr>
</tbody>
</table>

### Table: Professional Backpack Sprayers

<table>
<thead>
<tr>
<th>Model #</th>
<th>UPC #</th>
<th>Capacity</th>
<th>Wand</th>
<th>Hose</th>
<th>Pump</th>
<th>Weight</th>
<th>Carton Size</th>
<th>Cubic Feet</th>
<th>Pallet Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>425-101</td>
<td>42526</td>
<td>4 gal</td>
<td>20&quot;</td>
<td>48&quot;</td>
<td>Piston</td>
<td>11 lbs</td>
<td>20.25&quot; x 14.75&quot; x 9.25&quot;</td>
<td>1.6</td>
<td>60</td>
</tr>
<tr>
<td>475-101</td>
<td>47526</td>
<td>4 gal</td>
<td>20&quot;</td>
<td>48&quot;</td>
<td>Diaphragm</td>
<td>11 lbs</td>
<td>20.25&quot; x 14.75&quot; x 9.25&quot;</td>
<td>1.6</td>
<td>60</td>
</tr>
<tr>
<td>425-PROF</td>
<td>42542</td>
<td>4 gal</td>
<td>21&quot;</td>
<td>48&quot;</td>
<td>Piston</td>
<td>11 lbs</td>
<td>20.25&quot; x 14.75&quot; x 9.25&quot;</td>
<td>1.6</td>
<td>60</td>
</tr>
<tr>
<td>475-PROF</td>
<td>47542</td>
<td>4 gal</td>
<td>21&quot;</td>
<td>48&quot;</td>
<td>Diaphragm</td>
<td>11 lbs</td>
<td>20.25&quot; x 14.75&quot; x 9.25&quot;</td>
<td>1.6</td>
<td>60</td>
</tr>
</tbody>
</table>
Multi-Purpose Chest-Mount Spreader

Designed for spreading a variety of granular material over irregular terrain, this chest-mount, extremely portable precision spreader is perfect for use in decorative beds with fertilizers and insecticides. Ideal for lawn maintenance, treating parking lot islands, as well as deer plotting. Eliminates banging over curbs with cumbersome wheeled units. The 421 is also effective in spreading ice melt, oil absorbents and seeds.

- Fingertip levers control direction and volume.
- Comfortable cross-shoulder strap.
- Fully enclosed gearbox is corrosion resistant.
- Large opening allows easy filling and cleaning.
- 20-lb.-capacity hopper with a cap protects operator from chemicals and dust.

Battery-Powered Backpack Sprayers

Designed for a variety of spraying tasks, including enclosed spaces such as greenhouses and office buildings when extended spraying applications are required. Ideal for spraying pesticides, herbicides, and for general spraying. These battery-powered backpack sprayers are free of emissions and are whisper quiet.

417-Li Sprayer

- Impressive spray performance with 11 V pump.
- Maintenance free 11 V, 7.2Ah, lithium-ion battery, fully recharges in less than 3 hours.
- 4.5 gal translucent formula tank.
- Pressure gauge allows easy monitoring of pressure level.
- Powerful 11 V pump with two-step toggle switch: Low 36 psi, high 62 psi.
- Equipped with a comfortable padded backpack support frame with wide padded shoulder straps.

416-Li Professional Sprayer

- Impressive spray performance with 12 V pump.
- Maintenance free 11 V 7.8Ah lithium-ion battery, fully charges in 5.5 hours.
- 5 gal translucent formula tank.
- Pressure gauge allows easy monitoring of pressure level.
- Powerful 11 V pump with two-step toggle switch: 36psi and 62psi.
- Deluxe shoulder straps and waist belt for user comfort
- 36” telescopic carbon fiber wand.

<table>
<thead>
<tr>
<th>Model #</th>
<th>UPC #</th>
<th>Battery / Engine</th>
<th>Displacement</th>
<th>Power</th>
<th>Capacity</th>
<th>Weight</th>
<th>Carton Size</th>
<th>Cubic Feet</th>
</tr>
</thead>
<tbody>
<tr>
<td>416-Li</td>
<td>41601</td>
<td>11V</td>
<td>N/A</td>
<td>7.8 Ah</td>
<td>5.5 Ah</td>
<td>15.5 lbs</td>
<td>12.75”x10”x17”</td>
<td>3.64</td>
</tr>
<tr>
<td>417-Li</td>
<td>00417</td>
<td>11V</td>
<td>N/A</td>
<td>7.2 Ah</td>
<td>4.5 Ah</td>
<td>17 lbs</td>
<td>25”x17.5”x11.5”</td>
<td>2.9</td>
</tr>
</tbody>
</table>
Backpack Air Blower

The quietest backpack blowers in the industry.
Designed specifically for large jobs. Quickly and easily blow leaves, trash, and other debris in warehouses, stadiums, and other large areas.

- Powerful 66.5 cc engine with Nikasil® cylinder coating to generate a fan air volume of max. 824 cfm.
- Increased engine performance converts to higher air velocity.
- Improved fuel efficiency and reduced emissions with modern engine technology and catalytic converter.
- Aluminum crankcase and high quality engine components for increased power output even under high temperature operating conditions.
- Large 0.5 gallon capacity fuel tank combined with low fuel consumption allow long operating periods (more than 80 minutes without refueling).

467 Backpack Air Blower

- Easy starting, effective vibration dampening.
- Air filtering system with high performance paper filter cartridge, which can be replaced without tools.
- Strong tubular aluminum frame for protection and safe transport.
- Quiet! Low dB(A) rating.
- Single, multi-function operating handle with lockable throttle lever.

451 Backpack Mist Blower

Ideal for applying plant protection chemicals, or for mosquito, pest and parasite control in storage areas, containers, or animal herds. Creates a fine mist, applying chemicals over large areas more efficiently than manual spraying.

- Powerful 66.5 cc Solo engine with Nikasil® cylinder coating to generate a fan air volume of max. 824 cfm for total plant penetration.
- Extra-large polymer impeller produces high air volume at a lower RPM, reducing fuel consumption and noise level.
- Aluminum crankcase and high quality engine components for increased power output even under high temperature operating conditions.
- Increased engine performance converts to higher misting performance.
- Improved fuel efficiency and reduced emissions with modern engine technology and catalytic converter.
- Large 0.5 gallon capacity fuel tank combined with low fuel consumption allow long operating periods (more than 80 minutes without refueling).
- 3 gal translucent formula tank.
- Quiet! Low dB(A) rating.
- Easy starting, effective vibration dampening.
- Single multi-function operating handle with lockable throttle lever.
- Air filtering system with high performance filter; paper filter cartridge can be replaced without tools.
- Comfortable, backpack carrying frame and wide, padded carrying straps with ‘click’ lock.

<table>
<thead>
<tr>
<th>Model #</th>
<th>UPC #</th>
<th>Bat. / Engine</th>
<th>Displacement</th>
<th>Power</th>
<th>Capacity</th>
<th>Weight</th>
<th>Carton Size</th>
<th>Cubic Feet</th>
</tr>
</thead>
<tbody>
<tr>
<td>467</td>
<td>46700</td>
<td>2-cycle</td>
<td>66.5 cc</td>
<td>2.1 / 2.9 hp</td>
<td>N/A</td>
<td>22.5 lbs</td>
<td>12.75&quot; x 24&quot; x 19.75&quot;</td>
<td>3.50</td>
</tr>
<tr>
<td>451</td>
<td>45100</td>
<td>2-cycle</td>
<td>66.5 cc</td>
<td>2.1 / 2.9 hp</td>
<td>3 gal</td>
<td>23.8 lbs</td>
<td>12.75&quot; x 31&quot; x 23.25&quot;</td>
<td>5.32</td>
</tr>
</tbody>
</table>
Motorized Backpack Sprayer

433 Motorized Backpack Sprayer
Can reach extremely high operating pressures and achieve fine mist application even at extreme distances.*

- 5 gallon UV-resistant HDPE tank.
- Pressure gauge for monitoring pressure levels.
- Minimum spray pressure of 14.5 psi; maximum of 435 psi for a wide range of applications.
- Powerful Honda GX25 4-stroke engine delivers a minimum flow rate of 0.5 gal/min at 435 psi.
- Electronic ignition and anti-vibe system.
- Drain connector at the bottom of the tank enables liquids to be drained completely.
- Equipped with high quality dual flat fan jet nozzles and stainless steel nozzle screens.
- Heavy-duty shut-off valve with pressure gauge.

* requires optional spray wand (part #4901185)

Honda GX25 4-stroke engines are highly fuel efficient and run on regular gasoline, so there is never a need to mix gas and oil. The end result is less smoke and less odor, which literally means less headache for the user.

Specialty Products

Solo specialty applicators are designed for specific applications that differ from basic spraying tasks. All Solo specialty sprayers also feature Solo world-class quality components and manufacturing know-how to help the user get the job done efficiently and easily.

405-B Bleach Sprayer
Safely sprays bleach solutions to remove mildew, algae, and other unwanted materials caused by flooding. Perfect for cleaning and removing algae, dirt, and mildew stains from decks, patios, driveways and sidewalks, siding, outdoor furniture, fences and stucco, and also for cleaning, disinfecting hard finished surfaces such as toilet facilities, tile showers, and food preparation areas.
- All-viton® seals for superior chemical resistance.
- Optional flexible wall void applicator available for treating within wall voids (part #4900643).
- Optional brass void foam injector available for treating within crevices (part #4900644).

456-F High Volume Foaming Sprayer
Specifically designed for work with foaming chemicals and “green” cleaning formulations that require additional dwell time. Ideal for controlling termites and other pests hidden within wall voids. Can also be used to eradicate mold and mildew – especially on vertical surfaces.
- All-viton® seals for superior chemical resistance.
- Pressure gauge for monitoring pressure during application.
- Brass wand for added durability.
- All Vita® seals provide greater chemical resistance.

378 Concrete Sprayer
Designed specifically for use with curing compounds, form release agents and general spraying tasks. Can apply up to 35% solids. With its rugged polyethylene tank and unbreakable wand, the concrete sprayers provide outstanding performance, efficiency, and durability. Performs as efficiently as traditional steel sprayers at a fraction of the cost.
- All-viton® seals for durability and safety with a wide variety of chemicals.
- Large base for added stability which can accommodate the wheel set and handle (accessory kit, part #49211).
- Built-in air inflation valve allows pressurizing the sprayer using a compressor or air source.
- Large pump pressurizes the sprayer as much as 50% faster than the competition.
- Automatic pressure relief valve releases pressure at 45 psi.
- Fitted with a 1 gpm, 110° flat fan nozzle for spraying higher solid content curing compounds.
- Includes jet stream, flat fan, hollow cone and plastic adjustable nozzles.

388 Acetone Sprayer
Designed specifically for applying acetone-based formulations, most alcohols and ammonia.
- EPDM seals provide excellent protection against the effects of acetone.
- Large base for added stability which can accommodate the wheel set and handle (accessory kit, part #49211).
- Extra long 72" acetone resistant hose provides extended reach and durability.
- Built-in air inflation valve allows pressurizing the sprayer using a compressor or air source.
- Large pump pressurizes the sprayer as much as 50% faster than the competition.
- Automatic pressure relief valve releases pressure at 45 psi.
- Heavy-duty 20" brass wand provides chemical resistance to acetone.
- Heavy-duty brass nozzles: 4 gpm cone, 2 gpm cone, and 5 gpm fan nozzles. Accepts Tee Jet® type nozzles.

Model #  
405-B  
456-F  
378  
388  

Model #  405-B 456-F 378 388  
UPC # 405-B 456-F 378 388  
Capacity 1 gal 2.5 gal 3 gal 3 gal  
Hose 19" 28" 20" 20"  
Pump Pressure 5.25 lbs 6.25 lbs 7.9 lbs 7.9 lbs  
Carton Size 16" x 7.75" x 7.75" 24" x 9" x 8.75" 72.5" x 9.25" x 9"  
Cubic Feet 0.56 1.00 1.3 1.3  
Pallet Quantity 120 75 60 60  

405-B Bleach Sprayer
456-F High Volume Foaming Sprayer
378 Concrete Sprayer
388 Acetone Sprayer

Model #  405-B 456-F 378 388  
UPC # 405-B 456-F 378 388  
Capacity 1 gal 2.5 gal 3 gal 3 gal  
Hose 19" 28" 20" 20"  
Pump Pressure 5.25 lbs 6.25 lbs 7.9 lbs 7.9 lbs  
Carton Size 16" x 7.75" x 7.75" 24" x 9" x 8.75" 72.5" x 9.25" x 9"  
Cubic Feet 0.56 1.00 1.3 1.3  
Pallet Quantity 120 75 60 60  

Motorized Backpack Sprayer

According to the United States Department of Agriculture, spraying pesticides is one of the most common causes of pesticide exposure to children. The Solo Sprayer is designed to help people safely apply pesticides at home and in the garden. It features a powerful, fuel-efficient Honda GX25 4-stroke engine that provides a minimum flow rate of 0.5 gal/min at 435 psi. The sprayer also includes an electronic ignition system and anti-vibe technology for added stability during use. The 5 gallon UV-resistant HDPE tank can be easily filled and is designed to withstand the rigors of outdoor use. The sprayer comes equipped with a high quality dual flat fan jet nozzle and stainless steel nozzle screen, allowing for precise control over the spray pattern. The adjustable pressure relief valve allows the user to control the flow rate of the spray for optimal results. The large base provides stability and allows for easy positioning of the sprayer. The sprayer also includes a pressure gauge to monitor pressure during application. Overall, the Solo Sprayer provides a safe and efficient solution for pesticide application at home and in the garden.
## Accessories and Parts Kits

<table>
<thead>
<tr>
<th>#</th>
<th>Part #</th>
<th>Description</th>
<th>Fits</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>8956-N</td>
<td>21&quot; Universal Wand Assembly</td>
<td>Universal</td>
</tr>
<tr>
<td>2</td>
<td>42047</td>
<td>Telescoping Tube</td>
<td>419, 420</td>
</tr>
<tr>
<td>4</td>
<td>0610407-K</td>
<td>Piston Pump Repair Kit</td>
<td>425, 425-101, 435, 473-P</td>
</tr>
<tr>
<td>5</td>
<td>0610410-P</td>
<td>Brass Adjustable Nozzle Kit</td>
<td>All</td>
</tr>
<tr>
<td>6</td>
<td>0610456-P</td>
<td>Nozzle Assortment</td>
<td>All</td>
</tr>
<tr>
<td>7</td>
<td>2700316</td>
<td>No-Drip-Check Valve</td>
<td>All</td>
</tr>
<tr>
<td>8</td>
<td>4074654</td>
<td>1/4&quot; and 3/8&quot; Hose Barb</td>
<td>For 4800170</td>
</tr>
<tr>
<td>9</td>
<td>4074666-P</td>
<td>Multi-pattern “Speed Tip” Nozzle</td>
<td>All</td>
</tr>
<tr>
<td>10</td>
<td>4300343</td>
<td>Deluxe Shoulder Saver Harness</td>
<td>All Backpacks except Nova-424</td>
</tr>
<tr>
<td>11</td>
<td>4800170-P</td>
<td>Shut-off Valve</td>
<td>All</td>
</tr>
<tr>
<td>12</td>
<td>49211</td>
<td>Wheel Set</td>
<td>454, 456, 458</td>
</tr>
<tr>
<td>13</td>
<td>4900170N</td>
<td>28&quot; Universal Wand Assembly</td>
<td>Universal</td>
</tr>
<tr>
<td>14</td>
<td>4900299</td>
<td>4-Nozzle Spray Boom</td>
<td>All</td>
</tr>
<tr>
<td>15</td>
<td>4900622</td>
<td>Pressure Gauge</td>
<td>All</td>
</tr>
<tr>
<td>16</td>
<td>4900405-K</td>
<td>Pump Repair Kit</td>
<td>All</td>
</tr>
<tr>
<td>17</td>
<td>4900421</td>
<td>20&quot; Brass Wand</td>
<td>All</td>
</tr>
<tr>
<td>18</td>
<td>4900430</td>
<td>Drift Guard, Oval w/ Flat Spray</td>
<td>All</td>
</tr>
<tr>
<td>19</td>
<td>4900445</td>
<td>47°-90° Telescoping Spray Wand</td>
<td>All</td>
</tr>
<tr>
<td>20</td>
<td>4900449</td>
<td>48&quot; Spray Wand</td>
<td>All</td>
</tr>
<tr>
<td>21</td>
<td>4900477</td>
<td>Double Spray Nozzle</td>
<td>All</td>
</tr>
<tr>
<td>22</td>
<td>4900478</td>
<td>20°-40° Brass Telescoping Wand</td>
<td>All</td>
</tr>
<tr>
<td>23</td>
<td>4900491</td>
<td>20° - 36° Telescopic Wand, Carbon Fiber</td>
<td>All</td>
</tr>
<tr>
<td>24</td>
<td>4900513</td>
<td>20&quot; Extension Tube</td>
<td>All</td>
</tr>
<tr>
<td>25</td>
<td>4900514</td>
<td>2-Nozzle Spray Boom</td>
<td>All</td>
</tr>
<tr>
<td>26</td>
<td>4900527</td>
<td>Plastic Adjustable Nozzle</td>
<td>All</td>
</tr>
<tr>
<td>27</td>
<td>4900528</td>
<td>60° Brass Wand</td>
<td>All</td>
</tr>
<tr>
<td>28</td>
<td>4900580</td>
<td>Drift Guard, 5.5&quot; Round w/ Full Cone 80° Nozzle</td>
<td>All</td>
</tr>
<tr>
<td>29</td>
<td>4900599</td>
<td>Harness, Pro Carring System</td>
<td>All Backpacks except Nova-424</td>
</tr>
<tr>
<td>30</td>
<td>4900626-P</td>
<td>Pro-Spot Drift Guard</td>
<td>All</td>
</tr>
<tr>
<td>31</td>
<td>4900642</td>
<td>Foamer Conversion Kit</td>
<td>456, 457</td>
</tr>
<tr>
<td>32</td>
<td>4900643</td>
<td>Flexible Wall Void Adapter</td>
<td>456-F</td>
</tr>
<tr>
<td>33</td>
<td>4900644</td>
<td>Foam Injector</td>
<td>456-F</td>
</tr>
<tr>
<td>34</td>
<td>4900645-P</td>
<td>21” Stainless Steel Wand</td>
<td>All</td>
</tr>
<tr>
<td>35</td>
<td>4900647-P</td>
<td>29” Universal Stainless Wand Assembly</td>
<td>All</td>
</tr>
</tbody>
</table>

Universal Wand Assemblies can be used on other brand sprayers.

All means all models except 405-B, 405-N and 400-1G sprayers.