THE BETTER CHOICE. SINCE 1948.

German quality sprayers and cut-off machines


German Quality
German Engineering

Get the results you need, time after time.

After 50 years in the same building, Solo has moved to a larger facility that will accommodate growth in our manufacturing and shipping efforts. Solo’s expansion marks a departure from reliance on international partnerships. Solo has invested in two new blow-molding machines and an injection molding machine, which will produce a new series of one-hand and handheld sprayers.

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.

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HOME & GARDEN, FARM & LANDSCAPE or PROFESSIONAL

Whether you are an occasional user, a discerning homeowner, or a lawn care professional, you will find the right product to suit your requirements in one of our three equipment lines. It goes without saying that even our HOME & GARDEN SERIES of sprayers is built with the quality you would expect from all SOLO products. The differences are found in the equipment features and ease of use. For example, all sprayers in the FARM & LANDSCAPE and PRO SERIES come standard with VITON® seals in the key locations for use with harsh chemicals. The PRO SERIES backpack sprayers are especially comfortable to wear, preventing fatigue even after prolonged periods of use. The four 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.

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**HOME & GARDEN SERIES**

- One-Hand Sprayers
- Hose-end Sprayer
- Handheld Sprayers
- Backpack Sprayers
- Battery-powered Sprayers

**FARM & LANDSCAPE SERIES**

- One-Hand Sprayers
- Hose-end Sprayer
- Handheld Sprayers
- Backpack Sprayers
- Battery-powered Sprayers

**PROFESSIONAL SERIES**

- Chest-mount Spreader
- Battery-powered Sprayer
- Motorized Sprayer
- Backpack Mist Blower
- Backpack Air Blower

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**FEATURES**

- **GROW & CONTROL**
  - Fertilizers
  - Herbicides
  - Fungicides
  - Insecticides

- **ELIMINATE**
  - Cleaners
  - Weeds and Grasses
  - Insects
  - Mold and Algae

- **MAINTAIN**
  - Kill Flying and Crawling Bugs
  - Grow Flowers, Plants, Fruits and Vegetables
  - Control Insects and Pests

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**PRODUCT LINEUP**

- **HOME & GARDEN SERIES**
  - 415/201/202
  - 405-HE
  - NOVA 424

- **FARM & LANDSCAPE SERIES**
  - 416/418/211/212
  - 424

- **PROFESSIONAL SERIES**
  - 421
  - 417-Li
  - 416-Li
  - 442
  - 433
  - 466
  - 468
Hose-End and One-Hand 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.

Model # | UPC # 720 343 | Capacity | Wand | Pump | Weight | Case Size | Cubic Feet | Case Pack
---|---|---|---|---|---|---|---|---
405-HE | 91192 3 | 32 oz | N/A | N/A | 0.55 lb | 8.7" x 10.5" x 16.75" | 0.89 | 6*
415 | 41500 0 | 1 L | N/A | Piston | 0.75 lbs | 12" x 20" x 14.5" | 2.01 | 12*
201 | 20100 0 | 1.25 L | N/A | Piston | 1.4 lbs | 12.5" x 30.5" x 13.75" | 3.03 | 8*
202 | 20200 7 | 2 L | N/A | Piston | 1.6 lbs | 14" x 19.5" x 14.25" | 2.25 | 6*

One-Hand Sprayers

Great for spraying liquid plant protection chemicals, fertilizing, and weed control in small areas outside and inside. Perfect for the treatment of small plants in gardens and on patios as well as larger area, such as green houses. Ideal for misting, cleaning and general spraying.

- Chemical-resistant seals for use with harsh chemicals.
- Efficient piston pump.
- Plastic adjustable nozzle.
- Locking trigger for reduced user fatigue.
- Built-in pressure relief valve releases excess pressure.
- 7.5" spray wand provides added reach (202CL).
- Pivoting universal nozzle enables a wider application range.

Model # | UPC # 720 343 | Capacity | Wand | Pump | Weight | Case Size | Cubic Feet | Case Pack
---|---|---|---|---|---|---|---|---
201C | 20110 9 | 1.25 L | N/A | Piston | 0.75 lbs | 12" x 20" x 14.5" | 2.01 | 8*
202C | 20210 6 | 2 L | N/A | Piston | 1.4 lbs | 12.5" x 30.5" x 13.75" | 3.03 | 6*
202CL | 20220 5 | 2 L | 7.5" | Piston | 1.6 lbs | 14" x 19.5" x 14.25" | 2.25 | 6*

* Sold only in case packs
One-Hand 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 23” for comfortable ground-level spraying without bending over (420).

<table>
<thead>
<tr>
<th>Model #</th>
<th>UPC #</th>
<th>720 343</th>
<th>Capacity</th>
<th>Wand</th>
<th>Pump</th>
<th>Weight</th>
<th>Case Size</th>
<th>Cubic Feet</th>
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<td>41810</td>
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Handheld 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 water base wood deck cleaners.

- 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>
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<tr>
<th>Model #</th>
<th>UPC #</th>
<th>720 343</th>
<th>Capacity</th>
<th>Wand</th>
<th>Hose</th>
<th>Pump</th>
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<td>21109</td>
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<td>212</td>
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<td>4 lbs</td>
<td>20.75” x 9.25” x 9.25”</td>
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Handheld 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.

430-1G 430-2G 430-3G

<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>
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<td>100</td>
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<td>20”</td>
<td>48”</td>
<td>Piston</td>
<td>4 lbs</td>
<td>22” x 8.5” x 8.5”</td>
<td>0.89</td>
<td>100</td>
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<td>430-3G</td>
<td>43300</td>
<td>3 gal</td>
<td>20”</td>
<td>48”</td>
<td>Piston</td>
<td>5 lbs</td>
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Handheld and Rollabout Sprayers

450 Series Professional Sprayers
Designed with the professional user in mind. This extremely heavy-duty sprayer will stand up to the toughest of jobs. High-performance, efficient piston pumps pressurize the tanks with as much as 50% more efficiency than the competitor’s.

- Chemical resistant Viton® seals in key locations withstand harsh chemicals for long service and durability.
- Now with large base for added stability. 458 model can accommodate the wheel set and pull handle (accessory kit, part # 49211).
- Pressure relief valve vents excess pressure.
- Commercial quality shut-off valve with lock-on/lock-off feature reduces operator fatigue.
- Large 4.5” tank opening for effortless filling and cleaning.
- Four-nozzle assortment: adjustable, flat fan, jet stream and hollow cone. TeeJet® compatible.

450-1G 450-2G 450-3G

<table>
<thead>
<tr>
<th>Model #</th>
<th>UPC #</th>
<th>Capacity</th>
<th>Wand</th>
<th>Hose</th>
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<th>Weight</th>
<th>Carton Size</th>
<th>Cubic Feet</th>
<th>Pallet Quantity</th>
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<tbody>
<tr>
<td>450-1G</td>
<td>45000</td>
<td>1.5 gal</td>
<td>20”</td>
<td>48”</td>
<td>Piston</td>
<td>3 lbs</td>
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<td>2 gal</td>
<td>20”</td>
<td>48”</td>
<td>Piston</td>
<td>4 lbs</td>
<td>22” x 8.5” x 8.5”</td>
<td>1.05</td>
<td>80</td>
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<td>20”</td>
<td>48”</td>
<td>Piston</td>
<td>5 lbs</td>
<td>24” x 8.25” x 8.25”</td>
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450-4G 450-5G 450-6G

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<td>48”</td>
<td>Piston</td>
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<td>2.55</td>
<td>40</td>
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<td>450-6G</td>
<td>45060</td>
<td>6 gal</td>
<td>20”</td>
<td>48”</td>
<td>Piston</td>
<td>12 lbs</td>
<td>28” x 8.25” x 8.25”</td>
<td>3.05</td>
<td>40</td>
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</table>

458-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.
Battery-Powered Sprayers

460-Li Battery-Powered One-Hand Sprayer
- The flexible pick-up tube allows spraying at any angle.
- The universal nozzle is continuously adjustable from fine mist to a jet stream.
- 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.

417-Li Semi-Pro Sprayer
- Impressive spray performance with 11 V pump.
- 11 V / 7.2 Ah lithium-ion battery, fully charged in less than 3 hours.
- 4.5 gal translucent formula tank.
- Pressure gauge allows easy monitoring of pressure level.
- Electronic two-step switch: low 36 psi, high 62 psi.
- Equipped with a comfortable padded backpack support frame with wide padded shoulder straps.
- 20” unbreakable wand.

416-Li Professional Sprayer
- Impressive spray performance with 11 V pump.
- 11 V / 7.8 Ah lithium-ion battery, fully charged in 5.5 hours.
- 5 gal translucent formula tank.
- Pressure gauge allows easy monitoring of pressure level.
- Electronic two-step switch: low 36 psi, high 62 psi.
- Equipped with a comfortable padded backpack support frame with wide padded shoulder straps.
- 20” unbreakable wand.

442 Professional Sprayer
- Impressive spray performance with 18 V pump.
- Removable 18 V / 2 Ah lithium-ion battery, fully charged in 1.1 hour.
- 4 gal translucent formula tank.
- Adjustable pressure and output volume between 15 psi, 30 psi, 45 psi and 60 psi with an electronic operating panel.
- Padded, adjustable carrying system with chest strap for user comfort.
- 20” unbreakable wand.

461-Li Professional Sprayer
- Impressive spray performance with 11 V pump.
- 11 V / 7.8 Ah lithium-ion battery, fully charged in 5.5 hours.
- 4 gal translucent formula tank.
- Pressure gauge allows easy monitoring of pressure level.
- Electronic two-step switch: low 36 psi, high 62 psi.
- Equipped with a comfortable padded backpack support frame with wide padded shoulder straps.
- 20” unbreakable wand.

Battery-Powered Backpack Sprayers

461-Li Battery-Powered Backpack Sprayer
• Sold only in case packs
• 11.1 V / 2.5 Ah lithium-ion battery.
• Up to 2.75 hour running time. 2-hour charging time.
• 1.6 gal translucent formula tank with a stable tank base.
• 37.5 psi pressure.
• Shoulder strap for user comfort.
• Extra long 25’ coil hose makes it convenient to spray even when the sprayer is on the ground.
• 28” unbreakable wand and shut-off valve assembly provides excellent reach.

417-Li Semi-Pro Backpack Sprayer
• 4.5 gal translucent formula tank.
• Pressure gauge allows easy monitoring of pressure level.
• Electronic two-step switch: low 36 psi, high 62 psi.
• Equipped with a comfortable padded backpack support frame with wide padded shoulder straps.
• 20” unbreakable wand.

416-Li Professional Backpack Sprayer
• 5 gal translucent formula tank.
• Pressure gauge allows easy monitoring of pressure level.
• Electronic two-step switch: low 36 psi, high 62 psi.
• Equipped with a comfortable padded backpack support frame with wide padded shoulder straps.
• 20” unbreakable wand.

442 Professional Backpack Sprayer
• 4 gal translucent formula tank.
• Pressure gauge allows easy monitoring of pressure level.
• Electronic two-step switch: low 36 psi, high 62 psi.
• Equipped with a comfortable padded backpack support frame with wide padded shoulder straps.
• 20” unbreakable wand.

NEW

EASY 206 Battery-Powered Handheld Sprayer
- Removable 11 V / 2.5 Ah lithium-ion battery.
- Up to 2.75 hour running time. 2-hour charging time.
- 1.6 gal translucent formula tank with a stable tank base.
- 37.5 psi pressure.
- Shoulder strap for user comfort.
- Extra long 6.5’ coil hose makes it convenient to spray even when the sprayer is on the ground.
- 28” unbreakable wand and shut-off valve assembly provides excellent reach.

441 Battery-Powered Backpack Sprayer
- 11 V Lithium-ion battery. 2.5 hour running time. 2-hour charging time.
- 11 V 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.
- Easy charging at every USB-Port (charging cable included). Charging time approx. 90 minutes.

460-Li Battery-Powered Backpack Sprayer
- The flexible pick-up tube allows spraying at any angle.
- The universal nozzle is continuously adjustable from fine mist to a jet stream.
- 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.

Battery-Powered Sprayers are ideal for a variety of small, medium, and large spraying jobs at home and on the farm, including general spraying, weed control, and gardening. Achieve optimal spraying coverage minus tiresome pumping with lithium-ion battery sprayers. Suitable for use with all approved plant protection chemicals and liquid fertilizers.

Get the best spraying coverage with greenenergy Battery-Powered Sprayers. Shop now at SOLO HOME & GARDEN SERIES.

Model # UPC # 720 Capacity Wand Hose Bat. / Engine Power Weight Carton Size Cubic Feet Pallet Quantity

460-Li 46000 1 L N/A N/A 11 V 2.5 Ah 13 lbs 12.25” x 20.25” x 15.25” 2.19 12

EASY 206 20600 1 1.6 gal 20” 6.5’ coil 11.1 V 2.5 Ah 4.85 lbs 13.75” x 16.75” x 7.5” 1.0 72

441 44200 3 4 gal 20” 48” 11 V 2.5 Ah 10 lbs 24” x 16” x 10” 2.23 44

417-Li Semi-Pro Sprayer
- Impressive spray performance with 11 V pump.
- 11 V / 7.2 Ah lithium-ion battery, fully charged in less than 3 hours.
- 4.5 gal translucent formula tank.
- Pressure gauge allows easy monitoring of pressure level.
- Electronic two-step toggle switch: 36 psi and 62 psi.
- Deluxe shoulder straps and waist belt for user comfort.
- 36” telescopic carbon fiber wand.

416-Li Professional Sprayer
- Impressive spray performance with 11 V pump.
- 11 V / 7.8 Ah lithium-ion battery, fully charged in 5.5 hours.
- 5 gal translucent formula tank.
- Pressure gauge allows easy monitoring of pressure level.
- Electronic two-step switch: low 36 psi, high 62 psi.
- Equipped with a comfortable padded backpack support frame with wide padded shoulder straps.
- 20” unbreakable wand.

442 Professional Sprayer
- Impressive spray performance with 18 V pump.
- Removable 18 V / 2 Ah lithium-ion battery, fully charged in 1.1 hour.
- 4 gal translucent formula tank.
- Adjustable pressure and output volume between 15 psi, 30 psi, 45 psi and 60 psi with an electronic operating panel.
- Padded, adjustable carrying system with chest strap for user comfort.
- 20” unbreakable wand.

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.

Get the best spraying coverage with greenenergy Battery-Powered Backpack Sprayers. Shop now at SOLO HOME & GARDEN SERIES.

Model # UPC # 720 Capacity Wand Hose Bat. / Engine Power Weight Carton Size Cubic Feet Pallet Quantity

417-Li 00417 5 4.5 gal 20” 60” 11 V 7.2 Ah 17 lbs 25” x 17.5” x 11.5” 2.9 30

416-Li 41601 5 5 gal 20” - 36” 60” 11 V 7.8 Ah 15.5 lbs 12.75” x 29” x 17” 3.64 18

442 44200 7 4 gal 20” 50” 18 V 2.5 Ah 10 lbs 24” x 16” x 10” 2.23 44
Backpack Sprayers

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, 425-PROF, 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-B, 475-101, 475-PROF, 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

- Adjustable nozzles for precision control.
- 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.
- 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 saver harness for user comfort.
- 21” stainless steel wand.
- Five-nozzle assortment: brass adjustable, plastic adjustable, fan spray, hollow cone, and jet stream nozzles. TeeJet® compatible (475-PROF).

### Specifications

<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>
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<td>20”</td>
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<td>1.6</td>
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</tr>
<tr>
<td>425-PROF</td>
<td>475-PROF</td>
<td>4 gal</td>
<td>21”</td>
<td>48”</td>
<td>Diaphragm</td>
<td>12 lbs</td>
<td>20.25” x 14.75” x 9.25”</td>
<td>1.6</td>
<td>60</td>
<td>60</td>
</tr>
</tbody>
</table>

---

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, 425-PROF, 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-B, 475-101, 475-PROF, 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

- Adjustable nozzles for precision control.
- 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.
- 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 saver harness for user comfort.
- 21” stainless steel wand.
- Five-nozzle assortment: brass adjustable, plastic adjustable, fan spray, hollow cone, and jet stream nozzles. TeeJet® compatible (475-PROF).
Backpack Sprayers

• Internal pump system incorporates an effective mixing system. While pumping, the liquid in the tank is constantly agitated.
• 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.

NOVA 424 (Internal Piston)
Designed for demanding use around the home and on the farm. Suitable for application of all approved plant protection chemicals.
• 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.
• 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.

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 DX25 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.

NOVA 424 (Internal Piston)
Designed for demanding use around the home and on the farm. Suitable for application of all approved plant protection chemicals.
• Internal pump system incorporates an effective mixing system. While pumping, the liquid in the tank is constantly agitated.
• 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.

***NOVA 424 (Internal Piston)***

**Model # UPC # 720 343**

<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>9</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>
</tr>
<tr>
<td>473-D</td>
<td>47310</td>
<td>0</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>
</tr>
<tr>
<td>435</td>
<td>43500</td>
<td>9</td>
<td>5 gal</td>
<td>20&quot;</td>
<td>48&quot;</td>
<td>Piston</td>
<td>14 lbs</td>
<td>10.5&quot; x 23&quot; x 17&quot;</td>
<td>2.38</td>
</tr>
<tr>
<td>485</td>
<td>48500</td>
<td>4</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>
</tr>
<tr>
<td>NOVA424</td>
<td>00424</td>
<td>3</td>
<td>4 gal</td>
<td>20&quot;</td>
<td>48&quot;</td>
<td>Internal Piston</td>
<td>11 lbs</td>
<td>24&quot; x 16&quot; x 10&quot;</td>
<td>2.23</td>
</tr>
</tbody>
</table>

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.

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.

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.

* requires optional spray wand (part # 4900185)
**Specialty Sprayers**

The use of foam for cleaning purposes is gaining popularity. Advantages are visibility and longer dwell time with less run-off even on vertical surfaces. In many cases, foam is used for surfaces that require a reduced moisture level. The SOLO CLEANLine features two types of foam applicators which are fitted with seals made from chemical resistant materials: Viton® for acidic spray solutions in the models 301-FA / 301-FB and EPDM for alkaline solutions in the models 309-FA / 309-FB.

**301-FA Viton® / 301-FB EPDM CLEANLine Foaming Sprayers**
- Viton® seal quality for acidic liquids / EPDM seal quality for alkaline liquids.
- Large base which can accommodate the wheel set and the handle (accessory kit).
- Large efficient piston pump attains desired operating pressure with fewer pump strokes.
- Large pump handle with integrated spray wand holder.
- Average pressure relief valve releases pressure at 45 psi.
- Included flat spray nozzle.

**309-FA Viton® / 309-FB EPDM CLEANLine Foaming Sprayers**
- Viton® seal quality for acidic liquids / EPDM seal quality for alkaline liquids.
- Large base which can accommodate the wheel set and the handle (accessory kit).
- Large efficient piston pump attains desired operating pressure with fewer pump strokes.
- Large pump handle with integrated spray wand holder.
- Automatic pressure relief valve releases pressure at 45 psi.
- Flat spray nozzle with special adjustable “varioFOAM” foaming function.

**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.

**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).
- Large efficient piston pump attains desired operating pressure with fewer pump strokes.
- 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.

**Backpack Mist Blower**
The new Solo 466 Mist Blower is ideal for applying plant protection chemicals, or for mosquito, pest and parasite control in storage areas, containers, or animal herds. It is particularly popular in vector control especially in subtropic and tropic regions due to the new ULV nozzle 49480 that produces very fine droplets, applying chemicals over large areas more efficiently than manual spraying.
- New powerful 66.5 cc Solo engine generate a fan air volume of max. 824 cfm for total plant penetration.
- Aluminum crankcase and high quality engine components for increased power output even under high temperature operating conditions.
- Automatic pressure relief valve releases pressure at 45 psi.
- Includes jet stream, flat fan, hollow cone and plastic adjustable nozzles.

**466 Backpack Mist Blower**
- Effective vibration dampening.
- Single multi-function operating handle.
- Efficient air filtering system, easy to maintain.
- Ergonomically shaped and padded tank frame, comfortable, wide, padded shoulder straps and large, padded hip belt for superior operator’s comfort.
- Best weight/performance ratio in its class.
- Compact size, light weight.
- Sturdy frame with integrated carrying handle and stand.
- 2-cycle engine requires 50:1 fuel mix ratio.

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### Model Specifications

<table>
<thead>
<tr>
<th>Model #</th>
<th>UPC #</th>
<th>Capacity</th>
<th>Weight</th>
<th>Carton Size</th>
<th>Cubic Feet</th>
</tr>
</thead>
<tbody>
<tr>
<td>301-FA</td>
<td>00301 7</td>
<td>1.25 l</td>
<td>6.7 lbs</td>
<td>27&quot; x 9.25&quot; x 9&quot;</td>
<td>0.27</td>
</tr>
<tr>
<td>301-FB</td>
<td>00302 4</td>
<td>1.25 l</td>
<td>6.7 lbs</td>
<td>27&quot; x 9.25&quot; x 9&quot;</td>
<td>0.27</td>
</tr>
<tr>
<td>309-FA</td>
<td>01090 7</td>
<td>3 gal</td>
<td>7.9 lbs</td>
<td>27&quot; x 9.25&quot; x 9&quot;</td>
<td>1.3</td>
</tr>
<tr>
<td>309-FB</td>
<td>01090 3</td>
<td>3 gal</td>
<td>7.9 lbs</td>
<td>27&quot; x 9.25&quot; x 9&quot;</td>
<td>1.3</td>
</tr>
<tr>
<td>378</td>
<td>37800 9</td>
<td>3 gal</td>
<td>7.9 lbs</td>
<td>27&quot; x 9.25&quot; x 9&quot;</td>
<td>1.3</td>
</tr>
<tr>
<td>388</td>
<td>38800 8</td>
<td>3 gal</td>
<td>7.9 lbs</td>
<td>27&quot; x 9.25&quot; x 9&quot;</td>
<td>1.3</td>
</tr>
</tbody>
</table>

**Model #**

- **ULV nozzle with metering device**
  - Part # 49 480
- **Take nozzle**
  - Part # 49 00 137
- **Extension wand**
  - Part # 49 00 333
- **Liquid booster pump**
  - Part # 44 00 117

<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>466</td>
<td>00466 3</td>
<td>2-cycle</td>
<td>66.5 cc</td>
<td>2.1 kW / 2.9 hp</td>
<td>3.7 gal</td>
<td>22 lbs</td>
<td>30&quot; x 20.5&quot; x 14&quot;</td>
<td>5.0</td>
</tr>
</tbody>
</table>
Portable 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-S 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.

<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>421-S</td>
<td>421002</td>
<td>20 lbs</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>7 lbs</td>
<td>19.6” x 10.25” x 11”</td>
<td>1.28</td>
<td>64</td>
</tr>
</tbody>
</table>

421-S Multi-purpose Chest-mount Spreader

Backpack Air Blower

Quickly and easily blow leaves, trash, and other debris in warehouses, stadiums, and other large areas. The new backpack Air Blower model 468 combines a very low weight and a high fan air volume with low consumption and emissions. Maximum performance, optimum reliability and improved environmental characteristics were key factors in the development of the SOLO blower. And last but not least, the price-performance ratio is one of the most significant arguments of the new SOLO blower 468.

- New powerful 66.5 cc engine 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 0.37 gallon capacity fuel tank combined with low fuel consumption allow long operating periods.
- Easy starting with primer bulb.

<table>
<thead>
<tr>
<th>Model #</th>
<th>UPC #</th>
<th>Bat. / Engine</th>
<th>Displacement</th>
<th>Power</th>
<th>Fuel Tank Capacity</th>
<th>Weight</th>
<th>Carton Size</th>
<th>Cubic Feet</th>
</tr>
</thead>
<tbody>
<tr>
<td>468</td>
<td>468007</td>
<td>2-cycle 66.5 cc</td>
<td>2.1 kW / 2.9 hp</td>
<td>0.37 gal</td>
<td>22 lbs</td>
<td>12.75” x 24” x 19.75”</td>
<td>3.50</td>
<td></td>
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468 Backpack Air Blower
## Accessories and Parts Kits

<table>
<thead>
<tr>
<th>#</th>
<th>Part #</th>
<th>Description</th>
<th>Fits</th>
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</thead>
<tbody>
<tr>
<td>1</td>
<td>8956-N</td>
<td>24” Universal Wand Assembly</td>
<td>Universal</td>
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<tr>
<td>2</td>
<td>42047</td>
<td>Telescoping Tube</td>
<td>419, 420</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” and 3/8” 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>4900170-N</td>
<td>Wheel Set and Pull Handle</td>
<td>458, 458-Rollabout</td>
</tr>
<tr>
<td>13</td>
<td>4900299</td>
<td>28” Universal Wand Assembly</td>
<td>Universal</td>
</tr>
<tr>
<td>14</td>
<td>4900405-K</td>
<td>Pump Repair Kit</td>
<td>454, 456, 457</td>
</tr>
<tr>
<td>15</td>
<td>4900421</td>
<td>20” Brass Wand</td>
<td>All</td>
</tr>
<tr>
<td>16</td>
<td>4900430</td>
<td>Drift Guard, Oval w/Flat Spray</td>
<td>All</td>
</tr>
<tr>
<td>17</td>
<td>4900445</td>
<td>47”-90” Telescopic Spray Wand</td>
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<td>18</td>
<td>4900449</td>
<td>48” Spray Wand</td>
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<td>19</td>
<td>4900477</td>
<td>Double Spray Nozzle</td>
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<tr>
<td>20</td>
<td>4900478</td>
<td>20”-40” Brass Telescoping Wand</td>
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<td>21</td>
<td>4900491</td>
<td>20”-36” Telescopic Wand, Carbon Fiber</td>
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<tr>
<td>22</td>
<td>4900513</td>
<td>20” Extension Tube</td>
<td>All</td>
</tr>
<tr>
<td>23</td>
<td>4900514</td>
<td>2-Nozzle Spray Boom</td>
<td>All</td>
</tr>
<tr>
<td>24</td>
<td>4900527</td>
<td>Plastic Adjustable Nozzle</td>
<td>All</td>
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<tr>
<td>25</td>
<td>4900528</td>
<td>60” Brass Wand</td>
<td>All</td>
</tr>
<tr>
<td>26</td>
<td>4900580</td>
<td>Drift Guard, 5.5” Round w/Full Cone 80° Nozzle</td>
<td>All</td>
</tr>
<tr>
<td>27</td>
<td>4900599</td>
<td>Harness, Pro Carring System</td>
<td>All Backpacks except Nova 424</td>
</tr>
<tr>
<td>28</td>
<td>4900626-P</td>
<td>Pro-Spot Drift Guard</td>
<td>All</td>
</tr>
<tr>
<td>29</td>
<td>4900642</td>
<td>Foamer Conversion Kit</td>
<td>456, 457</td>
</tr>
<tr>
<td>30</td>
<td>4900643</td>
<td>Flexible Wall Void Adapter</td>
<td>456-F</td>
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<tr>
<td>31</td>
<td>4900644</td>
<td>Foam Injector</td>
<td>456-F</td>
</tr>
<tr>
<td>32</td>
<td>4900645-P</td>
<td>21” Stainless Steel Wand</td>
<td>All</td>
</tr>
<tr>
<td>33</td>
<td>4900647-P</td>
<td>29” Universal Stainless Wand Assembly</td>
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</tbody>
</table>