

solo[®]

THE BETTER CHOICE. SINCE 1948.
German quality sprayers and cut-off machines



German Quality
German Engineering

CHEMICAL APPLICATORS
COMMERCIAL QUALITY
CONSTRUCTION / INDUSTRIAL



SOLO: WORLDWIDE LEADER

Since 1948, Solo® has earned global recognition as a leading manufacturer of superior quality spraying equipment. Solo has combined small engine expertise and world-class blow molding technology to produce the finest chemical applicators and power equipment.

Solo entered the construction market in the early 90s, as well as the industrial and facilities maintenance sectors. This proved to be a great decision, and the rapid growth that followed allowed Solo to enlarge its manufacturing facility in early 2000. Today, Solo manufacturing continues to grow.

Solo sprayers are easily repairable, and parts are readily available.



SUPERIOR BY DESIGN

Choosing the right sprayer for the job can generate tremendous savings in material and labor costs. Solo industrial sprayers offer the following features:

- Chemical-resistant seals and gaskets to resist the harmful effects of harsh chemicals.
- High-density polyethylene (HDPE) tanks designed to stand up to the toughest jobs.
- Translucent tanks for easy monitoring of fill levels.
- Large tank openings for easy filling and cleaning.
- Extra long, nylon-reinforced hoses for outstanding reach and durability.
- Large pump handles with built-in wand retainers for comfort and convenience.
- Commercial lock-on/lock-off shut-off valves are comfortable to use and easy to maintain.
- Long unbreakable wands do not corrode and provide excellent reach.
- Interchangeable TeeJet® compatible nozzles allow fast nozzle changes for a variety of applications.
- Most sprayer maintenance can be performed without tools.
- 1-year commercial warranty on all tank and backpack sprayers; 90-day commercial warranty on one-hand sprayers.

Viton® is a registered trademark of DuPont Dow Elastomers

TeeJet® is a registered trademark of TeeJet Technologies and Spraying Systems Co.

Designed specifically for use in concrete preparation and treatment. 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.

CONCRETE SPRAYER WITH LARGE BASE

Designed specifically for use in concrete preparation and treatment 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 sprayer provides outstanding performance, efficiency, and durability. Outperforms 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).
- High-density polyethylene (HDPE) tank with ultra-violet inhibitors; will not dent, crack, or corrode.
- 48" nylon-reinforced hose for extended reach.
- 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 and may be used to release pressure when desired.
- 28" unbreakable wand and commercial shut-off valve assembly.
- 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 for general spraying tasks. Accepts TeeJet® type nozzles.
- 4.5" opening allows easy filling and thorough cleaning.
- Extra large pump handle with built-in wand retainer for convenient carrying and pumping.
- Commercial shut-off valve with lock-on/lock-off feature reduces user fatigue.



Accessory
Part # 49211:
A handy durable
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ACETONE SPRAYER WITH LARGE BASE

The 388 3 gallon construction sprayer is 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).
- High-density polyethylene (HDPE) tank with ultra-violet inhibitors; will not dent, crack, or corrode.
- 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 and may be used to release pressure when desired.
- 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.
- 4.5" opening allows easy filling and thorough cleaning.
- Extra large pump handle with built-in wand retainer for convenient carrying and pumping.
- Commercial shut-off valve with lock-on/lock-off feature reduces user fatigue.

Model #	UPC # 720 343	Capacity	Wand	Pump	Hose	Nozzles	Weight	Carton Size	Cubic Feet	Pallet Quantity
378	37800 9	3 gal	20" plastic	Piston	48"	1 gpm flat fan 4-nozzle assortment	7.9 lbs	27" x 9.25" x 9"	1.3	60
388	38800 8	3 gal	20" brass	Piston	72"	4 gpm cone, .2 gpm cone, .5 gpm fan	7.9 lbs	27" x 9.25" x 9"	1.3	60



PROFESSIONAL HANDHELD SPRAYERS

Designed for applying degreasers, waterproofing, plant protection chemicals, pest control solutions, and many other compounds.

- Extra large, heavy-duty pump pressurizes the tank with far fewer strokes; as much as 50% more efficient than the competition.
- Large 4.5" tank opening makes filling and cleaning easier.
- 28" unbreakable wand with commercial shut-off valve.
- Automatic pressure relief valve releases pressure at 45 psi.
- Equipped with all Viton® seals for superior chemical resistance.
- Includes .4 gpm brass 80° flat fan, plastic adjustable, jet stream and hollow cone nozzles.
- No-drip check valve eliminates nozzle drip after pressure is released.
- Large base for added stability which can accommodate the wheel set and handle for the 458-HD sprayer (accessory kit, part # 49211).

PROFESSIONAL BACKPACK SPRAYERS

Designed to make even the largest spraying jobs manageable. Unique fluid-driven pump design pressurizes to working pressure with as few as eight to ten strokes. Easily provides consistent pressure when precision application is required.

- High-performance piston pump for liquid formulation (425-HD)
- High-performance diaphragm pump for wettable powder, liquid formulations and bleach solutions (475-B-HD).
- Adjustable pressure regulator with four settings: 15, 30, 45, 60 psi.
- Durable professional grade brass adjustable, brass fan, hollow cone, jet stream nozzles (425-HD). In addition to these 4 nozzles, 475-B-HD also includes plastic adjustable nozzle for use with bleach solutions.
- No-drip check valve eliminates nozzle drip after pressure is released.
- Viton® seals in critical locations for superior chemical resistance.
- Extra large carrying handle with wand retainers for easy portability and storage.
- Deluxe shoulder straps and waist belt for user comfort.



Model #	UPC # 720 343	Capacity	Wand	Hose	Pump	Weight	Carton Size	Cubic Feet	Pallet Quantity
454-HD	45402 4	1.5 gal	28"	48"	Piston	5 lbs	22.5" x 9" x 9"	0.89	100
456-HD	45602 8	2.25 gal	28"	48"	Piston	6 lbs	22.5" x 9" x 9"	0.89	100
458-HD	45801 5	3 gal	28"	48"	Piston	7.9 lbs	27" x 9.25" x 9"	1.3	60
425-HD	42577 2	4 gal	28"	48"	Piston	11 lbs	20.25" x 14.75" x 9.25"	1.57	60
475-B-HD	47501 2	4 gal	28"	48"	Diaphragm	11 lbs	20.25" x 14.75" x 9.25"	1.57	60

ACID SPRAYER

Specifically designed for use with harsh, acidic chemicals. Special acid resistant materials are used at all liquid contact points to provide long life and trouble free use. Ideal for cleaning HVAC coils, applying phosphoric acid based cleaners and acid based concrete stains.

- Chemical resistant Viton® seals throughout for superior chemical resistance.
- Heavy-duty polyethylene tank (HDPE) for dependable use in the most rugged environment.
- Translucent tank allows the operator to monitor chemical levels.
- All plastic shut-off valve for safe use with acids.
- Funnel top design for easy filling.
- Plastic adjustable nozzle adjusts from cone to stream patterns for multi-purpose spraying.
- Acid resistant, nylon-reinforced hose for added durability.



430-3G-HD

430-1G-HD

430-2G-HD



HEAVY-DUTY HANDHELD SPRAYERS

Designed for general spraying tasks. These sprayers offer some professional features at competitive prices.

- Chemical resistant seals for applying harsh chemicals.
- Easy-to-fill funnel top can be removed to reveal a large, secondary opening for easy cleaning.
- 28" unbreakable wand with commercial shut-off valve.
- Five-nozzle assortment: plastic adjustable, flat fan, jet stream, hollow cone and brass fan nozzles for multiple spraying tasks.
- No-drip-check valve eliminates nozzle drip after pressure is released.
- Automatic pressure relief valve releases pressure at 45 psi.
- Unique storage compartment for extra nozzles.

Model #	UPC # 720 343	Capacity	Wand	Hose	Pump	Weight	Carton Size	Cubic Feet	Pallet Quantity
462	00462 5	2.25 gal	25"	40"	Piston	11 lbs	23.5" x 8.25" x 8.25"	1.57	40
430-1G-HD	43001 1	1 gal	28"	48"	Piston	3 lbs	22" x 8.5" x 8.5"	0.89	100
430-2G-HD	43002 2	2 gal	28"	48"	Piston	4 lbs	22" x 8.5" x 8.5"	0.89	100
430-3G-HD	43003 5	3 gal	28"	48"	Piston	5 lbs	24" x 8.25" x 8.25"	1.24	75

MULTI-PURPOSE ONE-HAND SPRAYERS

Lightweight and versatile, Solo one-hand pressure sprayers are perfect for pest control, carpet spot treating, cleaning, and more. All offer many of the same features as our larger tank sprayers.

- Unique drift/drip guard provides added control for spot treatment.
- Multi-directional nozzle.
- Locking trigger reduces user fatigue.
- Viton® seals provide superior chemical resistance.
- 7" Metal wand provides added reach (419).
- Telescoping wand adjusts from 16" to 23" which improves access while reducing effort (420).



ECONOMY ONE-HAND SPRAYERS

415

- Large tank opening.
- Large pump knob.
- Piston pump.
- Plastic adjustable nozzle.



SPECIALTY ONE-HAND SPRAYERS

201, 202

- Chemical-resistant seals for use with harsh chemicals.
- Large pump knob.
- Plastic adjustable nozzle.
- Pressure relief valve.



Model #	UPC # 720 343	Capacity	Wand	Pump	Weight	Carton Size	Cubic Feet	Case Pack
415	41500 1	1 L	N/A	Piston	0.75 lbs	20" x 14.5" x 11.6"	1.96	12*
418	41810 1	1 L	3.5"	Piston	1.2 lbs	10" x 7.5" x 5"	0.22	16
418-2L	41802 6	2L	3.5"	Piston	1.5 lbs	11.25" x 7" x 6.25"	0.28	12
419	41900 9	2 L	7"	Piston	1.5 lbs	11.25" x 7" x 6.25"	0.28	12
420	42000 5	2 L	16"-23"	Piston	1.55 lbs	11.25" x 7" x 6.25"	0.28	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 PRESSURE SPRAYERS



SPECIALTY ONE-HAND SPRAYERS



201C, 202C, 202CL

- 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

WATER TANKS

CONSTRUCTION / PRESSURE WATER TANKS

Whenever there is no available water supply, the water tank can be connected to a cut-off machine, core drilling machine etc. to cool the diamond cutting disc or drill bit and to prevent dust accumulation on building sites.



Accessory Part # 49211: A handy durable wheel set with a handle for easy tilting and moving the sprayer. It can easily be added to the sprayer.

49852 PRESSURE WATER TANK WITH LARGE BASE

- A durable tank base has been added to improve the stability of the sprayer.
- The extra large 4.5" tank opening allows for easy filling and cleaning.
- The pump unit is very efficient and easy to pump. A stroke volume of 20 cu. in. provides a quick pressure build-up.
- The large pump handle is made of impact resistant plastic material. A quarter turn of the pump handle is all it takes to switch from pump function to carrying function.
- The automatic pressure relief valve releases excess pressure at 45 psi and may be used to manually release pressure as desired.
- The 11.4 ft long high-pressure nylon- reinforced hose with a quick connect valve.

Model #	UPC # 720 343	Bat. / Engine	Displacement	Power	Capacity	Weight	Carton Size	Cubic Feet
49852	49852 3	N/A	N/A	N/A	3 gal	7.3 lbs	27" x 9.25" x 9"	1.3

solo®**ACCESSORIES AND PARTS KITS**

#	Part #	Description	Fits
1	8956-N	21" Universal Wand Assembly	All
2	42047	Telescoping Tube	419, 420
3	0610406-K	Diaphragm Pump Repair Kit	475, 485, 473-D, 473-ECS
4	0610407-K	Piston Pump Repair Kit	425, 435, 473-P
5	0610410-P	Brass Adjustable Nozzle Kit	All except 405-N & SLC series
6	0610456-P	Nozzle Assortment	All except 405-N & SLC series
7	2700316	No-drip-check Valve	All except 405-N & SLC series
8	4074654	1/4" and 3/8" Hose Barb	For 4800170
9	4074666-P	Multi-pattern "Speed Tip" Nozzle	All except 405-N & SLC series
10	4800170-P	Shut-off Valve	All except 405-N & SLC series
11	49211	Wheel Set	378, 388, 458-HD, 49852
12	4900170N	28" Universal Wand Assembly	All
13	4900299	4-Nozzle Spray Boom	All except 405-N & SLC series
14	4900622	Pressure Gauge	All except 405-N & SLC series
15	4900405-K	Pump Repair Kit	454, 456, 457
16	4900406-K	Pump Repair Kit, EPDM	487-CI
17	4900407-K	Pump Repair Kit, Viton®	454-HD, 456-HD, 457-HD, 407-CI
18	4900421	20" Brass Wand	All except 405-N & SLC series
19	4900445	47"-90" Telescoping Spray Wand	All except 405-N & SLC series
20	4900449	48" Spray Wand	All except 405-N & SLC series
21	4300343	Deluxe Shoulder Saver Harness	425, 473-P, 473-D, 435, 475, 485
22	4900477	Double Spray Nozzle	All except 405-N & SLC series
23	4900478	20"-40" Brass Telescoping Wand	All except 405-N & SLC series
24	4900513	20" Extension Tube	All except 405-N & SLC series
25	4900514	2-Nozzle Spray Boom	All except 405-N & SLC series
26	4900527	Plastic Adjustable Nozzle	All except 405-N & SLC series
27	4900528	60" Brass Wand	All except 405-N & SLC series
28	4900642	Foamer Conversion Kit	456, 457
29	4900645-P	21" Stainless Steel Wand	All except 405-N & SLC series
30	4900647-P	29" Universal Stainless Wand Assembly	All
31	2900108	Wheel Set for Cut-off Saws	880-12, 880-14, 881-12, 881-14

solo®

201 Enterprise Drive
Newport News, VA 23603
www.us.solo.global

Phone: (757) 245-4228
Fax: (757) 245-0800

Order Desk Phone:
(757) 245-5531

All means all models except one-hand, SLC and ECS sprayers

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