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SPRAYERS



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CLAYTON SPRAYER CATALOGUE



BACKPACK SPRAYERS



BATTERY SPRAYERS



HAND SPRAYERS



12V SPOT SPRAYERS



MANUAL SPRAYERS



TOW BEHIND SPRAYERS

**NORTH
STAR**[®]
Proven Performance



northstarsprayers.com.au

CLAYTON
ENGINEERING

45
YEARS IN
BUSINESS

solo[®]
SPRAYERS

always **with you**

The world's No.1 Sprayer since 1948



Made in
Germany



Up to 5 Years Warranty
for your piece of mind



Lasts a lifetime **for**
your convenience



Ergonomically designed
for your comfort



Lightweight
for your care



Accessories **for**
your ease of use



Spare parts
for durability

Solo Sprayers
70
YRS **made**

for you

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A sprayer for every application



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For troubleshooting and how-to tips!

Visit our help centre on the solo website



Looking for spare parts for your Solo sprayers?

Try our easy to use "Find my spare part" tool on our website



Visit our website



www.solosprayers.com.au



403, 404, 201 & 202 - Hand Sprayers

Small, light and handy (yet robust and versatile!), SOLO's 403, 404, 201 and 202 are quality, compact manual pressure sprayers.

KEY BENEFITS

- 1 Adjustable nozzle
- 2 Pump handle
- 3 Pressure relief valve – protects against excess pressure build-up
- 4 Large filling bottle opening – fill cleanly, drain residue easily
- 5 Ergonomic handle – can be gripped with gloves
- 6 Transparent tank with fill volume scale – 1.25 L (403 & 201) or 2.0 L (404 & 202)
- 7 Stable base
- 8 Lockable trigger

Sample applications:

Plant protection

- For plants on balconies and patios
- In backyard gardens
- For decorative plants and shrubs



Hand sprayers perfect for general home use



403



404



202

201



MODEL	403	404	201	202
Capacity L	1.25	2	1.25	2
Max. spray pressure bar	2	2	3	3
Dry weight kg	0.5	0.6	0.45	0.5



Small hand sprayers for the big jobs

401 & 402 - Hand Sprayers

Professional mini pressure sprayers with a multitude of uses. SOLO's 401 and 402 are flexible helpers: in the home and conservatory, for DIY projects and when protecting/caring for vehicles.

KEY BENEFITS

- 1 High-quality adjustable nozzle – transition from direct jet to fine mist
- 2 Pivoting nozzle – a standard feature that makes for easy spraying (even underneath leaves!)
- 3 Robust pump handle
- 4 Lockable trigger
- 5 Ergonomic handle
- 6 Large filling bottle opening
- 7 Moulded feet for firm footing
- 8 Capacity – 1 L (401) or 2 L (402)
- 9 Viton seals for outstanding resistance to harsh chemicals
- 10 Automatic safety valve



Sample applications:

Plant protection

- For plants on balconies and patios
- Weed control
- Gardening fertilizing
- Equine & livestock

Cleaning

- Automotive
- Janitorial disinfection
- Household cleaners
- Pest control



MODEL	401	402
Capacity L	1.0	2.0
Max. spray pressure bar	2	2
Dry weight kg	0.4	0.5
Seals	Viton	Viton



408 & 409 - Manual Sprayers

Quality house and garden sprayers designed for the harsh Australian environment. The large tank capacities of SOLO's 408 and 409 (5 L and 7 L respectively), as well as their quality fittings, render yard maintenance so easy.

Multipurpose sprayers that won't let you down

KEY BENEFITS

- 1 High-quality adjustable nozzle – transition from direct jet to fine mist
- 2 40 cm plastic wand – can be secured at pump handle for transport and storage
- 3 Lockable pump handle for easy carrying
- 4 Repairable hand-piece
- 5 Pressure relief valve
- 6 Transparent tank – 5 L (408) or 7 L (409) capacity
- 7 Stable base
- 8 1.2 m hose for easy reach
- 9 Wide funnel-shaped neck for easy filling
- 10 Carrying strap

Broad range of SOLO sprayer accessories available (see page 22)

Sample applications:

Plant protection

- For plants on balconies and patios
- General purpose spraying
- Backyard gardens
- For decorative plants and shrubs
- Weed control

409



408

MODEL

408

409

Capacity L (nominal volume)

5.0

7.0

Max. spray pressure bar

2.0

2.0

Dry weight kg

1.2

1.4

Pump handle / wand can be secured

Plastic

Spray wand

Plastic, 40 cm

Nozzle

Adjustable nozzle



211 & 212 - Manual Sprayers

Quality semi-professional sprayers designed for the harsh Australian environment. The large tank capacities of SOLO's 211 and 212 (5 L and 7 L respectively), as well as their quality fittings, render yard maintenance so easy.

German quality and performance



KEY BENEFITS

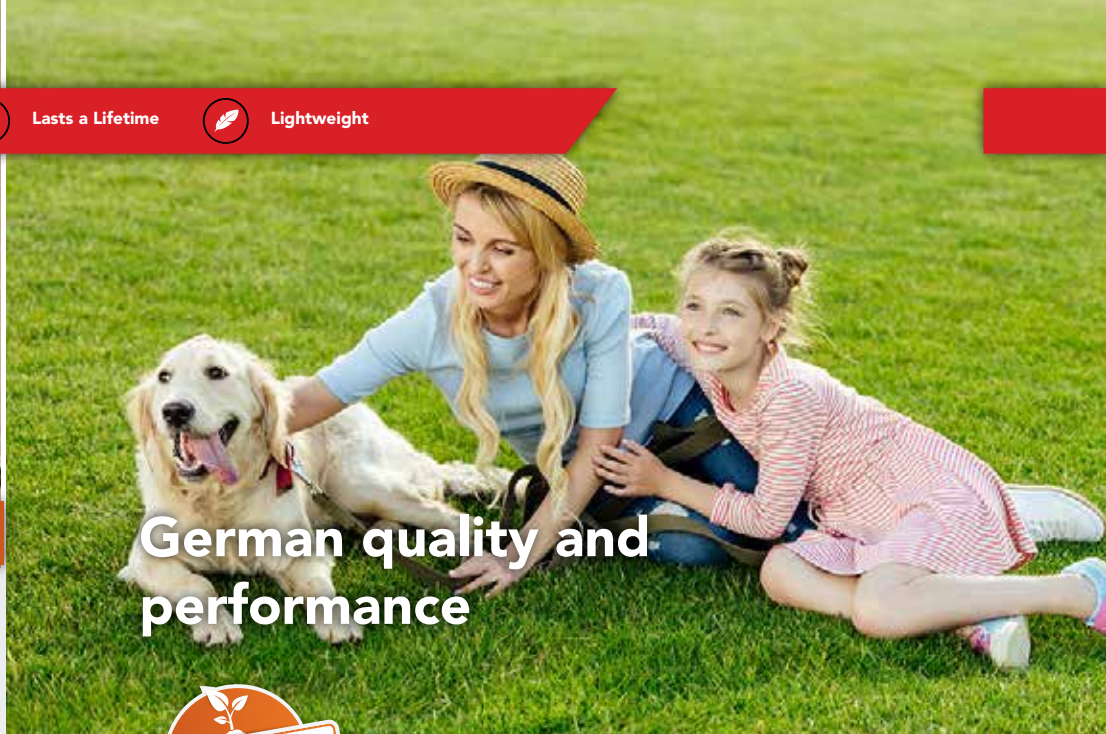
- 1 High-quality adjustable nozzle – transition from direct jet to fine mist
- 2 50 cm plastic wand – can be secured at pump handle for transport and storage
- 3 Lockable pump handle for easy carrying
- 4 Repairable hand-piece
- 5 Pressure relief valve
- 6 Transparent tank – 5 L (211) or 7 L (212) capacity
- 7 Stable base
- 8 1.2 m hose for easy reach
- 9 Wide funnel-shaped neck for easy filling
- 10 Carrying strap

Broad range of SOLO sprayer accessories available (see page 22)

Sample applications:

Plant protection

- For plants on balconies and patios
- General purpose spraying
- Backyard gardens
- For decorative plants and shrubs
- Weed control



212

211



MODEL	211	212
Capacity L (nominal volume)	5.0	7.0
Max. spray pressure bar	3.0	3.0
Dry weight kg	1.2	1.5
Pump handle / wand can be secured	Reinforced plastic / yes	
Spray wand	Plastic, 50 cm	
Nozzle	Adjustable nozzle	



Delivering beyond expectations

461 & 462 Manual Sprayers

Work uninterrupted for longer stretches: SOLO's 461 and 462 pressure sprayers will do the job for any landscaper or gardener. Robust and hard-wearing, these units are available in two capacities, 5 L (461) and 7 L (462).

KEY BENEFITS

- 1 Two nozzles supplied as standard – flat fan and hollow cone
- 2 Large tank opening for easy filling and additional opening for simple cleaning
- 3 Handy storage compartment holds spray wand
- 4 Unbreakable 50cm spray wand
- 5 Pressure relief valve
- 6 Lockable pump handle
- 7 UV-resistant transparent tank
- 8 Solo Patented hand-piece - repairable
- 9 Carrying strap
- 10 Stable base



Sample applications:

Plant protection

- Landscape gardens
- Backyard gardens
- For decorative plants and shrubs
- Weed control

MODEL	461	462
Capacity L (nominal volume)	5.0	7.0
Max. spray pressure bar	3.0	3.0
Dry weight kg	1.5	1.7
Hose length m	1.4	1.4
Spray wand	Plastic, 50 cm	
Nozzle	Flat fan and hollow cone	
Seals	Viton	Viton



256, 257 & 258 Manual Sprayers



Performance sprayers for professional users

Premium and quality: Pressure sprayers that serve as the 'right tool' for professionals. Available in 5 L, 7 L and 11 L capacities, units are characterised by their robustness, practically-indestructible tanks, and long service lives.

KEY BENEFITS

- 1 Two nozzles supplied as standard – flat fan and hollow cone
- 2 Vertical wand storage
- 3 Lockable pump handle
- 4 Pressure relief valve
- 5 25% less pump strokes to achieve maximum pressure.
- 6 Unbreakable 50cm spray wand
- 7 Carrying strap
- 8 Solo Patented hand-piece - repairable
- 9 UV-resistant transparent tank



Sample applications:

Plant protection

- In larger private gardens
- For decorative plants, shrubs and plantations
- Weed control

Cleaning

- Pest control
- Trade applications

MODEL	256	257	258
Capacity L (nominal volume)	5.0	7.0	11.0
Max. spray pressure bar	3.0	3.0	3.0
Dry weight kg	2.0	2.2	2.9
Hose length m	1.4	1.4	1.4
Spray wand	Plastic, 50 cm		
Nozzle	SOLO flat jet and hollow cone nozzle		
Seals	Viton	Viton	Viton



Plant maintenance has never been easier

453 - Trolley Sprayer

No need to lift the SOLO 453 trolley sprayer; its large wheels ensure the unit can be pulled along with ease. Gardening has never been so simple!



KEY BENEFITS

- 1 High-quality adjustable nozzle – transition from direct jet to fine mist
- 2 2.5 m spiral hose – provides reach
- 3 Repairable hand-piece
- 4 Wide funnel-shaped neck for easy filling
- 5 Lockable pump handle
- 6 Height-adjustable handle with soft-grip – aluminium keeps the unit weight down
- 7 40 cm plastic wand – can be secured at pump handle for transport and storage
- 8 Pressure relief valve
- 9 Wide funnel-shaped neck for easy filling
- 10 11 L, UV-resistant transparent tank
- 11 Transport 150mm wheels with good grip

453



Sample applications:

Plant protection

- For plants on balconies and patios
- Backyard gardens
- For decorative plants and shrubs
- Weed control

MODEL	453
Capacity L (nominal volume)	1 L
Max. spray pressure bar	2
Dry weight kg	3.5
Transport wheels	Yes
Spray wand	Plastic, 40 cm
Nozzle	Adjustable nozzle
Seals	Viton



Adding comfort to professional spraying

258T - Manual Sprayer with Trolley

Highly professional and equipped with an extremely stable (11 L) tank, the SOLO 258T is a stand-out sprayer. Robust, easy to use, and sure to please.

KEY BENEFITS

- 1 Two nozzles supplied as standard – flat fan and hollow cone
- 2 Large tank opening for easy filling
- 3 25% less pump strokes to achieve maximum pressure.
- 4 Unbreakable 50cm spray wand
- 5 Ergonomically-shaped handle – pressure gauge optional
- 6 Heavy duty trolley for ease of use
- 7 Chemical resistant Viton® seals in key locations withstand harsh chemicals for long service and durability
- 8 UV-resistant transparent tank

258T



Sample applications:

Plant protection

- Landscape gardens
- Backyard gardens
- For decorative plants and shrubs
- Weed control
- Agriculture crops
- Nurseries

MODEL	258T
Capacity L (nominal volume)	11.0 L
Max. spray pressure bar	3.0
Dry weight kg	3.0
Hose length m	1.4
Spray wand	Plastic, 50 cm
Seals	Viton
Nozzle	Flat fan and hollow cone



424 (16 L) + 410 (10 L) Backpack Sprayer

The uncomplicated design of the Backpack Sprayer SOLO Nova 424 (16 L) & 410 (10 L) presents a reliable, practical and comfortable product suitable for demanding trade and semi-professional use.

KEY BENEFITS

- 1** Plastic adjustable nozzle
- Ergonomic pump handle suitable for both left and right handed; reposition handle for easy storage
- 2**
- Effective mixing system – while pumping, liquid is constantly swirled and mixed
- 3**
- Ergonomically-designed tank and base
- 4**
- Height adjustable padded shoulder straps
- 5**
- Integrated carrying handle
- 6**
- Internal piston pump system prevents leaks; centrally located for balanced operation
- 7**
- Large tank opening for easy filling
- 8**
- Stable base
- 9**



Even your dog will thank you



Scan to watch our 424 Video



Sample applications:

Plant protection

- In larger private gardens
- For decorative plants, shrubs and plantations
- Weed control

Cleaning

- Pest control
- Trade applications

MODEL	424	410
Capacity L (nominal volume)	16	10
Max. spray pressure bar	4.0	4.0
Dry weight kg	5.1	4.7
Hose length m	1.3 m	1.3 m
Spray wand	Plastic, 50 cm	
Pump type	Internal piston pump	
Equipment	Plastic adjustable nozzle	



Professional features, budget price

425LC & 425D - 15L Backpack Sprayer

A quality 15 L sprayer designed to deliver all the amazing features and high spraying performance of a professional unit, but with a budget price.

KEY BENEFITS

- 1 Two nozzles supplied as standard – flat fan and hollow cone
- 2 Interchangeable pump handle for left and right hand.
- 3 Unbreakable 50cm spray wand
- 4 Wide, padded and adjustable straps
- 5 Large tank opening for easy filling
- 6 Chemical resistant hose
- 7 Solo patented hand-piece - repairable
- 8 Chemical resistant Viton® seals, withstand harsh chemicals for long service and durability.
- 9 Solo patented tank - High quality, UV resistant, with visible fill level markings.
- 10 Stable metal tank frame



Sample applications:

Plant protection

- In the farm
- Acreage
- Decorative plants
- Shrubs
- Weed control

Scan to watch our 425/425LC Comparison Video



MODEL	425LC	425D
Piston Pump	Yes	Yes
Tank capacity L	15	15
Max. spray pressure bar	6	6
Manual spray pressure adjustment	No	No
Folding Handle	No	No
Dry weight kg	4.5	4.5
Seals	Viton	Viton



The top range for any spraying job

473D, 425 & 475

Built for comfort, built to last. These rugged, German-made 10L and 15L sprayers are top of the SOLO backpack sprayer range. Characterised by unbeatable performance, they are capable of handling fertilizers and agricultural chemicals such as; herbicide, pesticide, fungicide and Roundup. Top-quality materials and cutting-edge technology mean these units will deliver nothing short of optimal performance.

KEY BENEFITS

- 1 Two nozzles supplied as standard – flat fan and hollow cone
- 2 Interchangeable pump handle for left and right hand.
- 3 Unbreakable 50cm spray wand
- 4 Height adjustable padded shoulder straps
- 5 Large tank opening for easy filling
- 6 Chemical resistant hose
- 7 Solo Patented hand-piece - repairable
- 8 Carrying handle with spray wand retainer (425 & 475 only)
- 9 Solo patented tank - High quality, UV resistant, with visible fill level markings.
- 10 Diaphragm Pump (473D & 475 Only)
- 11 Stable metal tank frame





Backpack Sprayers



Sample applications:

Plant protection

- Large private gardens, decorative plants, shrubs and plantations
- Public gardens and landscaping, greenhouses
- Weed control
- Agricultural crops

Agriculture (diaphragm models)

- Herbicides
- Disinfection, pest control

Woodland maintenance

- Plant care



Good for herbicides

Scan to watch our 425/475 Comparison Video



MODEL	473D	425	475
Type Pump	Diaphragm	Piston	Diaphragm
Tank capacity L	10	15	15
Max. spray pressure bar	4	4/6 (with plug)	4
Manual spray pressure adjustment		Yes	Yes
Folding Handle		Yes	
Dry weight kg	4.3	4.5	4.7
Seals	Viton	Viton	Viton
Diaphragm Material	Tivilion		Tivilion



A beautiful garden starts here

414Li & 406Li Battery Backpack Sprayer

The SOLO 414Li & 406Li home and garden sprayer are lightweight and require no pumping. An already easy operation has been enhanced by this unit's ingenious and expert design.

KEY BENEFITS

- 1 Plastic adjustable nozzle
- 2 UV-resistant tank
- 3 A 10.8 V/2.5 Ah Li-ion battery facilitates approx. 3.5 hrs of spraying and 2.5 hrs of battery recharge time
- 4 Large tank opening and lid with carrying handle
- 5 Solo patent hand piece - repairable

Sample applications:

Plant protection

- Home gardening, decorative plants, shrubs and plantations
- Weed control
- Pest control



406Li



Scan to watch our 414Li Video

MODEL	414Li	406Li
Total capacity L	10 L	6 L
Voltage Nominal	10.8 V	10.8 V
Current flow	0.75 A	0.5 A
Battery capacity	2.5 Ah	2.5 Ah
Working time	3.5 hrs	3.5 hrs
Charging time	2.5 hrs	2.5 hrs
Flow	1.15 L/min	0.85 L/min
Pressure	2.5 bar	2.0 bar
Net Weight	2.75 kg	1.9 kg



Professional features, budget price

Eazy 206 (6L) & 260Li (1L) Sprayers

A quality 15 L sprayer designed to deliver all the amazing features and high spraying performance of a professional unit, but with a budget price.

KEY BENEFITS

Eazy 206

- 1 Plastic adjustable nozzle
- 2 UV-resistant tank
- 3 A 10.8 V/2.5 Ah Li-ion battery facilitates approx. 3.5 hrs of spraying and 2.5 hrs of battery recharge time
- 4 Large tank opening and lid with carrying handle
- 5 Solo patent hand piece - repairable

260Li

- 1 Adjustable nozzle
- 2 USB recharge
- 3 Easy to squeeze trigger
- 4 1 L bottle

Sample applications:

Plant protection

- Around the home
- Pest Control
- Weed Control

Eazy 206



260Li



MODEL	Eazy 206	260Li
Total capacity L	6 L	1 L
Voltage Nominal	11.1 V	3.7 V
Battery capacity	2.5 Ah	1.4 Ah
Working time	3 hrs	1 hrs
Charging time	2 hrs	2 hrs
Flow	1.16 L/min	0.33 L/min
Pressure	2.5 bar	
Net Weight	2.2 kg	0.3 kg



3.5 hrs of spraying

2.5 hrs of charging

441Li & 411Li Battery Backpack Sprayer

Robust and lightweight: the new 441Li & 411Li backpack sprayer serves as a semi professional model in SOLO's battery-operated sprayer range.

Perfect for the Contract Gardener, Acreage owner or hobby farmer. Can be used with liquid fertilizers, selective herbicides, herbicides, fungicides, and insecticides

The results and the comfort you've been looking for

KEY BENEFITS

- 1 Two nozzles supplied as standard – plastic adjustable and hollow cone
- 2 An easily removable compact lithium-ion battery provides 170 minutes of continuous operation
- 3 Powerful and durable electric pump delivers 2.5 bar operating pressure
- 4 Easy-to-operate splash-protected switch – located at the top of the appliance
- 5 A spring maintains closure of the battery compartment cover
- 6 Ergonomically-designed tank and base
- 7 Height adjustable padded shoulder straps
- 8 Unbreakable 50 cm spray wand
- 9 Chemical resistant hose
- 10 Solo Patented hand-piece - repairable



441Li

411Li



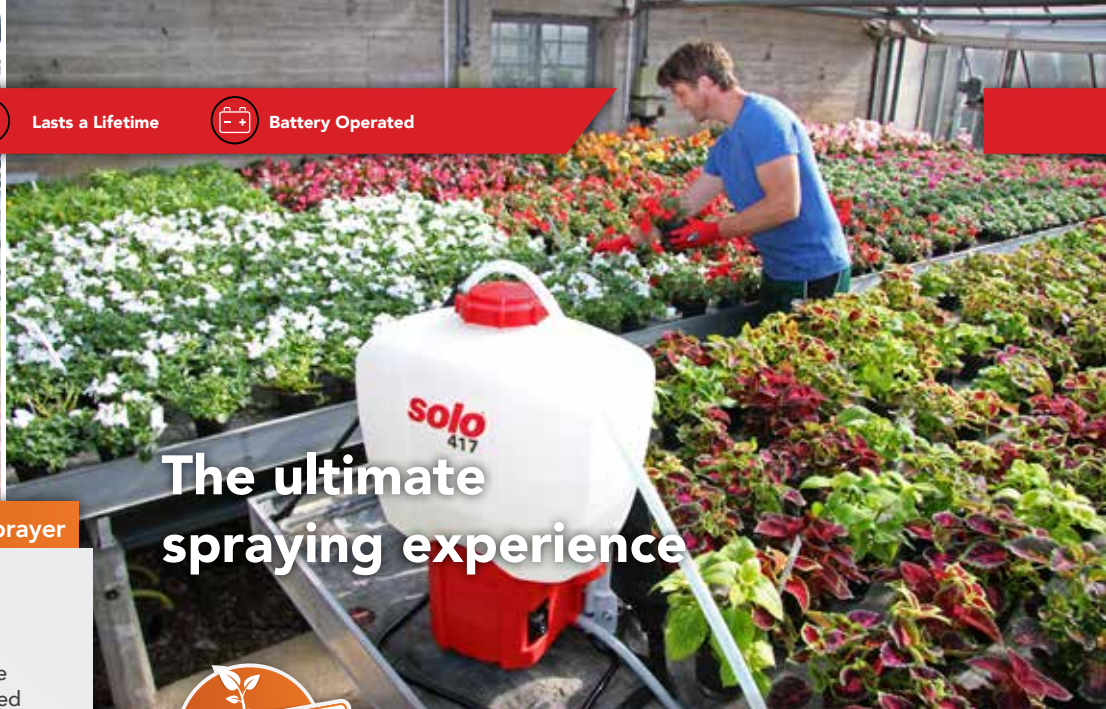
New

Sample applications:

Plant protection

- Large private gardens, decorative plants, shrubs and plantations
- Weed control
- Agriculture crops
- Public gardens, landscape, nurseries and greenhouses

MODEL	441Li	411Li
Total Nominal	16	10
Dry weight	3.7	3.6
Spray wand	Plastic, 50 cm	Plastic, 50 cm
Battery capacity	11.1V / 2.5 Ah	11.1V / 2.5 Ah
Working time	3 hrs	3 hrs
Charging time	2 hrs	2 hrs
Flow	0.16 - 1.6 Lpm	0.16 - 1.6 Lpm
Sound pressure level	≤ 70 dB	≤ 70 dB
Pressure	2.5 bar	2.5 bar



417Li & 417Li-s - Battery Backpack Sprayer

The ultimate spraying experience

Work efficiency and easy operation are hallmarks of the SOLO premium 12 V battery-powered backpack sprayer. Free of omissions, whisper quiet, and designed with your comfort in mind.

KEY BENEFITS

- 1 Two nozzles supplied as standard – flat fan and hollow cone
- 2 Unbreakable 50cm spray wand
- 3 Solo Patented hand-piece - repairable + pressure gauge
- 4 Large tank opening for easy filling
- 5 Solo patented tank - High quality, UV resistant, with visible fill level markings.
- 6 Comfortable padded backpack frame, Wide, padded and adjustable straps
- 7 Chemical resistant hose
- 8 Two speed powerful 12V pump



Plant protection

- Plant nurseries
- Contract gardens & City Council
- Large private gardens, decorative plants, shrubs and plantations
- Public gardens and landscaping, greenhouses
- Weed control
- Horticultural plantations

MODEL	417Li	417Li-s
Rating	12 V / 7 Ah	12 V / 7 Ah
Nominal volume	18 L	10 L
Flat jet nozzle	Yes	Yes
Spray volume	Low 1.07 LPM at 2.5 Bar	Low 1.07 LPM at 2.5 Bar
	High 1.42 LPM at 4.3 Bar	High 1.42 LPM at 4.3 Bar
Dry weight kg	7.8	7.5
Battery operating time	Low speed 3.7 hrs	Low speed 3.7 hrs
	High speed 2.3 hrs	High speed 2.3 hrs
Recharge time	8 hrs	8 hrs



Larger coverage with less effort

442Li Battery Backpack Sprayer

The new battery powered backpack sprayer SOLO 442Li for professional plant protection combines operating comfort with modern battery technology. Comprehensive features and adjustable pressure allow precise output and directional control of plant protection liquids and liquid fertilizers.

KEY BENEFITS

- 1 Two nozzles supplied – Flat Spray nozzle and Plastic Adjustable Nozzle
- 2 Electronic pressure regulation – a digital micro control unit ensures constant pressure independent of the chosen nozzle. This enables precise control of the spray liquid. Can choose 1, 2, 3, or 4 bar pressure using an electronic operating panel.
- 3 Battery Charge indicator
- 4 Professional carrying harness with ergonomically designed tank
- 5 Large filling opening
- 6 Solo patented repairable hand piece.
- 7 Unbreakable 50cm Spray Wand.



Also available

- 18V, 5.0Ah battery (49482)
- Rapid charger 4A (49484)
35min for 2.0Ah, 90min for 5.0Ah,

Sample applications:

Plant protection

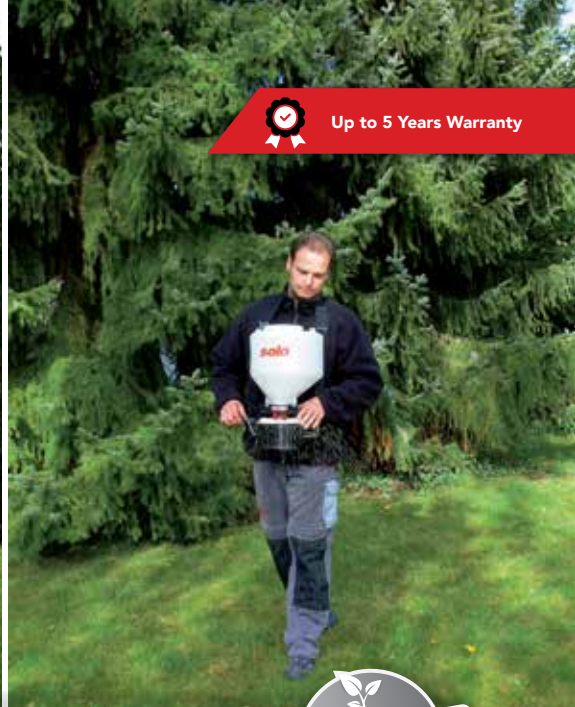
- Plant protection (woodland and crop plantations)
- Fruit and vine growing environments
- Disinfection
- Parasite control in animal herds, stables, storage areas, ships, and containers

MODEL	442Li
Battery	18V, 2.0Ah Li-ion
Nominal volume (Fill volume)	16 L
Nozzle	Flat spray nozzle, adjustable hollow cone nozzle
Spray pressure	4 settings, 1 - 4 bar
Output volume l/min at (bar), flat spray nozzle	0,68 (1) / 0,97 (2) / 1,19 (3) / 1,37 (4)
Output volume l per battery charge at (bar), flat spray nozzle	112 (1); 114 (2); 92 (3); 84 (4)
Output volume l per battery charge at (bar), adjustable hollow cone nozzle	138 (1) / 113 (2) / 102 (3) / 88 (4)
Operation time hrs. max. at (bar), flat spray nozzle	5 (1); 2,8 (2); 1,8 (3); 1,2 (4)
Operation time hrs. max. at (bar), adjustable hollow cone nozzle	4,2 (1); 3,5 (2); 2,3 (3); 1,9 (4)
Charging time	ca. 1.1 h, standard charger 2 A
Dry weight (w. battery)	4,1 kg (4,5 kg)
Standard delivery	Spray wand 50cm plastic, li-ion battery 18 V 2.0 Ah, charger 2 A





The grass is greener



421 - Granulate Spreader

Up to 9 kg of granulated matter can be applied where specifically required, even on difficult terrain – for example, where a wheeled appliance would be unsuitable.

The spreader is carried in front of the body by means of an adjustable strap.

The large tank opening makes filling easy, whilst the large screw top protects users from harmful dust.

KEY BENEFITS

- 1 Large tank opening and lid with carrying handle
- 2 Adjustable shoulder straps
- 3 Large 9L tank
- 4 Robust integral agitator
- 5 Spreader disc with large fins for even application
- 6 Easy-to-operate manual crank



421



Sample applications:

- Lawn maintenance
- Treating parking lot islands
- Spreading seeds

MODEL	421
Capacity L (nominal volume)	9
Container Filling Opening Diameter	14.5 cm
Weight	3 kg



433 - Motorised Sprayer



Power in performance



PROFESSIONAL
Range

The SOLO 433 motorised sprayer features a genuine Honda 4-stroke engine with plenty of power. Work long stretches thanks to the unit's high-volume tank capacity (20 L) and ability to pump at 30 bar pressure, which results in the finest spray (even high up).

KEY BENEFITS

- 1 High-quality, double flat-jet nozzle with stainless steel nozzle discs
- 2 50 cm stainless steel spray wand
- 3 Sturdy, quick-release hand piece
- 4 Large tank opening for easy filling
- 5 Ergonomically-shaped tank made from UV-stabilised plastic
- 6 Comfortable padded backpack frame, Wide, padded and adjustable straps
- 7 Powerful 4-stroke engine
- 8 Adjustable operating pressure of the push-pull piston
- 9 Practical drain connector underneath container – enables complete draining of residual liquid
- 10 Chemical resistant high pressure hose

POWERED by **HONDA**



2
WARRANTY
YEAR

Sample applications:

Plant protection

- Tall plantings, such as trees and larger shrubs
- Fruit trees

Agriculture

- Crops

Public gardens and landscaping

MODEL	433
Engine	Honda GX 25 4-stroke
Capacity	25 cm ³
Sound pressure level	82 dB(A)
Sound power level	95 dB(A)
Vibration value	≤ 2 m/s ²
Nominal volume	20 l
Stainless steel double nozzle	Yes
Max. adjustable spray pressure	Up to 30 bar
Spray volume L/min with standard nozzle	1.0 L at 5 bar 1.7 L at 10 bar 2.0 L at 20 bar 2.4 L at 30 bar
Weight (dry)	8.3 kg
Pressure gauge	Yes



Larger coverage with less effort

452 Mist Blower

A new model joining the ranks of some of the most popular misters in the world. SOLO's 452 has various applications; in agriculture, horticulture, pest control, and disinfection.



KEY BENEFITS

- 1 Wide-spray grille – increases width of spray
- 2 Nozzle with single-sided deflector (interchangeable) – enables spraying rows of crops and reaching underneath leaves
- 3 Nozzle with double-sided deflector (interchangeable) – treats two rows simultaneously
- 4 Lightweight with an impressive spraying capacity
- 5 Robust and easy to handle
- 6 Advanced engine technology – guarantees low fuel consumption, reduced exhaust gas emissions and high performance in continuous use (even when hot!)
- 7 Range of SOLO sprayer accessories available to facilitate versatility: a liquid booster bump can increase reach when spraying upwards

452



MODEL	452
Capacity L (nominal volume)	12
Engine	SOLO 2-stroke
Fuel Tank Capacity	1.4 L
Engine Capacity	66.5 cc
Max Engine Power (ISO 8893)	2.1 kW (2.9HP), 5750 rpm
Max. fan air volume	1400 m ³ /h / 824 cfm
Air filter cartridge	Foam filter
Horizontal Reach	11 m
Carburator	Diaphragm with primer pump
Standard delivery	SOLO special misting nozzle with 4 settings, wide spray grille
Weight	9.6 kg

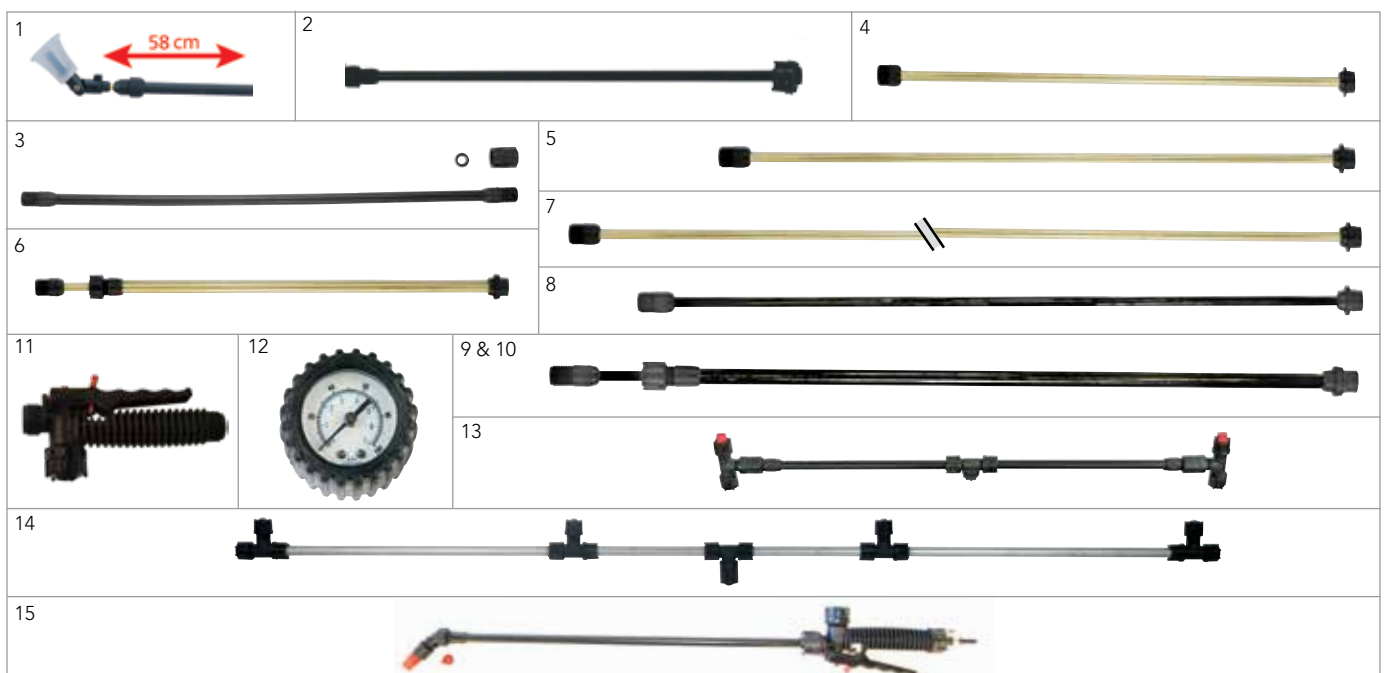
Sample applications:

Plant protection

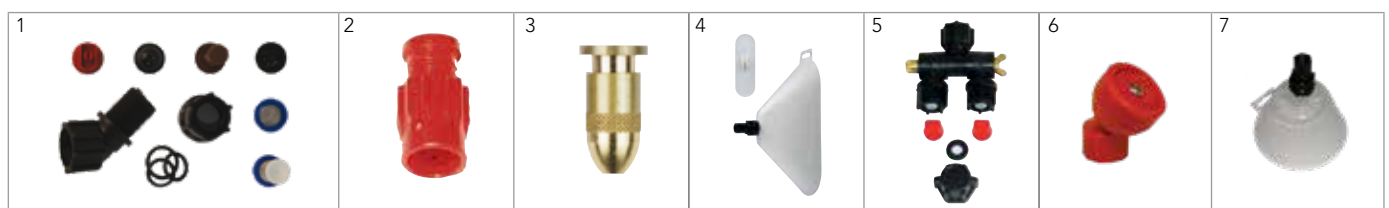
- Plant protection (woodland and crop plantations)
- Fruit and vine growing environments
- Disinfection
- Parasite control in animal herds, stables, storage areas, ships, and containers

●	Recommended	●	Suitable	○	Not recommended	-	Unsuitable / does not fit
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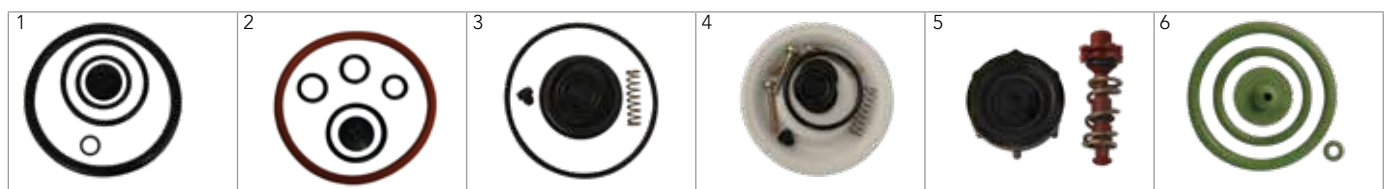
POS	WANDS	PART NO.	408	401	461	424	425	206	
			409	402	462	256	425LC	414	417Li
			453		211	257	473D	441	442Li
					212	258	475	411	
1	Telescopic wand approx. 25 – 50 cm. Extension for the 401/402 manual sprayers for comfortable work low down or overhead.	49 00 628	-	●	-	-	-	-	-
2	Spray wand 50 cm. Universal spray wand made from special, durable plastic.	49 00 230P	○	-	●	●	●	●	●
3	Extension wand 50 cm. For increased range.	49 00 513	●	-	●	●	●	●	●
4	Spray wand, brass, 50 cm. Recommended for use with spray boom.	49 00 519	○	-	●	●	●	●	●
5	Spray wand, brass, 75 cm. Recommended for use with spray boom or drift guard near ground level.	49 00 428	○	-	●	●	●	●	●
6	Telescopic spray wand, brass 57 - 100 cm. Universal application by adjusting the spray wand length.	49 00 478	○	-	●	●	●	●	●
7	Tree spray wand, 2-part, brass, 150 cm. Increases reach, e.g. for espaliered trees, high shrubs, etc.	49 00 528	○	-	●	●	●	●	●
8	Tree spray wand, carbon, 120 cm. Total weight only 60 g. Made from ultra-light carbon fibre for light work.	49 00 449	○	-	●	●	●	●	●
9	Telescopic spray wand, carbon, 120 - 230 cm. Made of ultra lightweight carbon fibre for easier spraying in high places; total weight only 120 g.	49 00 445	○	-	●	●	●	●	●
10	Telescopic spray wand, carbon, 60 - 120 cm, 75 g.	49 00 457	○	-	●	●	●	●	●
11	Solo Patented + pressure gauge	48 00 170P	●	-	●	●	●	●	●
12	Pressure gauge with connection fittings For spray pressure control. Precision application of spray medium with the required pressure.	49 00 356	○	-	●	●	●	●	●
13	Spray boom, 60 cm, with 2 nozzles, convenient treatment of double rows and large areas.	49 00 514	○	-	●	●	●	●	●
14	Aluminium spray boom, 120 cm, with 4 nozzles for treating large areas. Extremely light for carrying on the front or back with backpack sprayers.	49 00 299	○	-	●	●	●	-	●
15	Universal spray wand 70 cm.	49 00 170N	●	-	●	●	●	●	●



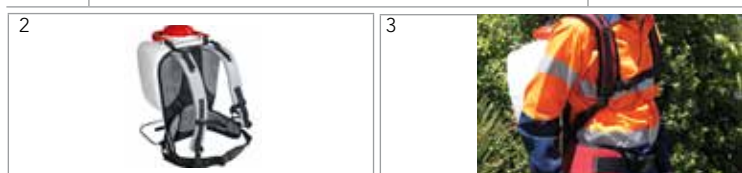
POS	NOZZLES AND DRIFT GUARDS	PART NO.	408 409 453	401 402	461 462 211 212	256 257 258	425 425LC 473D 475	206 414 441 411	417Li 442Li
1	Complete nozzle set, comprising 3 nozzles. Universal application.	06 10 408P	●	-	●	●	●	●	●
2	Adjustable nozzle, plastic from fine mist to long jet.	49 00 527	●	-	●	●	●	●	●
3	Nozzle, brass adjustment Adjusts from fine mist to long jet	49 00 206 NZ	●	-	●	●	●	●	●
4	Drift guard, with flat jet nozzle F 02-80 To protect adjacent rows. Prevents drift of fine droplets; limits spraying range. Important for tackling weeds in the immediate vicinity of cultivated plants and ponds.	49 00 430	●	-	●	●	●	●	●
5	Dual nozzle with nozzle set 2 swivelling nozzles for simultaneous spraying of two rows of plants. Versatile nozzle applications.	49 00 477	○	-	●	●	●	○	●
6	3 in 1 sprayer nozzle	40 74 666P	●	-	●	●	●	○	-
7	Clear Drift Guard F 02-80 nozzle	49 00 580	●	-	●	●	●	●	-



POS	SETS OF SEALS	PART NO.	408 409 453	401 402	461 462	256 257 258	425 425 D 425 LC	473 D 475
1	Set of seals, incl. all sealing parts for stated sprayer types.	49 00 403K	-	-	●	-	-	-
2	Set of seals, incl. all sealing parts for stated sprayer types.	49 00 405K	-	-	-	●	-	-
3	Set of seals, incl. all sealing parts for stated sprayer types.	06 10 407K	-	-	-	-	●	-
4	Set of seals, incl. all sealing parts for stated sprayer types.	06 10 406K	-	-	-	-	-	●
5	Hand peice repair kit	06 10 402K	-	-	●	●	●	●
6	O-Ring kit	O-RING KIT	●	-	-	-	-	-



POS	OTHER ACCESSORIES	PART NO.	403 404	408 409 453	401 402	461 462	256 257 258	425 425LC	473D 475	417Li
2	Professional Harness	49 00 599	-	-	-	-	-	●	●	-
3	Extra Heavy Dutey Harness	SOHDPHARNESS	-	-	-	-	-	●	●	-





CLEANLINE



THE SOLO CLEANLINE DIFFERENCE:

- The container is resistant against UV ray impact, transparent and robust
- High value seals fitted to all parts that come in contact with spray liquid
- Ergonomically-shaped operating components
- Efficient and sturdy pumps for quick and effortless pressure build-up
- Resistant plastic parts shaped from non-corrosive material

315A - FKM KEY BENEFITS

- 1 Two nozzles supplied as standard – flat fan and hollow cone
- 2 Large tank opening for easy filling
- 3 Carrying handle with integrated spray wand holder
- 4 Ergonomically-shaped tank with strong base frame
- 5 Solo patent hand piece - repairable
- 6 Smooth, effective piston pump with 4-stage, manual spray pressure adjustment
- 7 Wide, comfortable and padded carrying straps with tension release



FOR ACIDIC FLUIDS

315A



MODEL	315A
Nominal volume L	15.0
Spray pressure (bar)	4.0
Seals	FKM
Weight empty	4.5
Foaming function	-
Delivery hose length	1.4 m
Spray wand	50 cm plastic, non-corrosive
Carrying system	shoulder strap
Nozzles	SOLO flat spray nozzle



CLEANLINE



**301A/302A - FKM
KEY BENEFITS**

- 1 Adjustable universal spray nozzle
- Light and sturdy, translucent containers with easily-visible fill volume graduation and large filler opening
- 2
- Smooth, sealed pump with large pump handle for quick and efficient pressure build-up
- 3
- Safety valve for pressure release to empty container
- 4
- Ergonomically-shaped and robust handle grip for good hold, also with gloves
- 5

**305A/307A - FKM
KEY BENEFITS**

- 1 High value, chemical-resistant flat spray nozzle
- Large size piston pump - operating pressure is attained with few pump strokes
- 2
- Large tank opening for easy filling-quick closing by turning pump handle with integrated spray wand holder
- 3
- Safety pressure release valve
- 4
- Comfortable carrying strap
- 5
- Robust and light UV resistant tank
- 6
- Easily-visible fill level markings
- 7



301A



FOR ACIDIC FLUIDS

302A



305A



307A



MODEL	301A	302A	305A	307A
Nominal volume L	1.25	2.0	5.0	7.0
Spray pressure (bar)	3.0		3.0	
Seals	FKM			
Weight empty	0.5	0.6	2.6	2.8
Foaming function	-	-	-	-
Delivery hose length	-	-	1.4 m	
Spray wand	-	-	50cm plastic, non-corrosive	
Carrying system	-	-	shoulder strap	
Nozzles	SOLO universal hollow cone nozzle, adjustable		SOLO flat spray nozzle	





CLEANLINE



**301B/302B - EPDM
KEY BENEFITS**

- 1 Adjustable universal spray nozzle
- 2 Light and sturdy, translucent containers with easily-visible fill volume graduation and large filler opening
- 3 Smooth, sealed pump with large pump handle for quick and efficient pressure build-up to max. 3 bar
- 4 Safety valve for pressure release to empty container
- 5 Ergonomically-shaped and robust handle grip for good hold, also with gloves

FOR ALKALINE FLUIDS

301B



302B



**305B/307B - EPDM
KEY BENEFITS**

- 1 High value, chemical-resistant flat spray nozzle
- 2 Large size piston pump - operating pressure is attained with few pump strokes
- 3 Large tank opening for easy filling - quick closing by turning pump handle with integrated spray wand holder
- 4 Safety pressure release valve
- 5 Comfortable carrying strap
- 6 Robust and light UV resistant tank
- 7 Easily-visible fill level markings



305B



307B



MODEL	301B	302B	305B	307B
Nominal volume L	2.0	2.0	5.0	7.0
Spray pressure (bar)	3.0		3.0	
Seals	EPDM			
Weight empty	0.5	0.6	2.6	2.8
Foaming function	-	-	-	-
Delivery hose length	-	-	1.4 m	
Spray wand	-	-	50 cm plastic, non-corrosive	
Carrying system	-	-	shoulder strap	
Nozzles	SOLO universal hollow cone nozzle, adjustable		SOLO flat spray nozzle	



CLEANLINE



301FA FOAM FKM/301FB - FOAM EPDM KEY BENEFITS

- 1 Special, adjustable flat spray nozzle with foaming function
- 2 High value, special flat spray nozzle
- 3 Light, sturdy and translucent containers with easily-visible fill volume graduation and larger filling aperture
- 4 Smooth, sealed pump with large pump handle for quick efficient pressure build-up to max. 3 bar
- 5 Safety valve for pressure release to empty container
- 6 Ergonomically-shaped and robust handle grip for good hold, also with gloves
- 7 Stable base
- 8 FKM seal quality for acidic liquids (301FA)
- 9 EPDM seal quality for alkaline liquids (301FB)



301FA

301FB



World Innovation varioFOAM

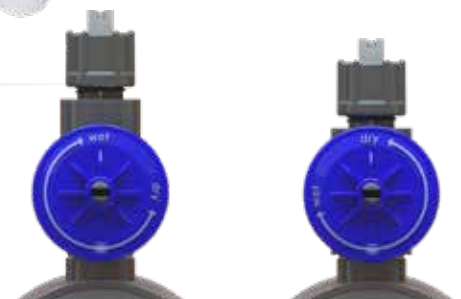
No interchange of felt inserts, no changing of nozzle, no unnecessary contact with the spray medium.

With the SOLO patented foaming nozzle **varioFOAM** the moisture level in the foam can be endlessly adjustable by turning an adjustment wheel even while working.

The wheel is large and comfortable to use, also with gloves. The embossed graduation offers exact adjustment possibilities:

Dry: the foam is drier and therefore more consistent.

Wet: a gel-like foam with higher moisture content is produced.



MODEL	301FA	301FB
Nominal volume L	2.0	2.0
Spray pressure (bar)	3.0	3.0
Seals	FKM	EPDM
Weight empty	0.6	0.6
Foaming function	YES	YES
Nozzles	SOLO special flat spray nozzle	

American performance on Australian soil

12 V Spot Sprayers

NorthStar is a respected name in the American and European spot spraying markets. It represents a merge of quality and affordability. Supported by a world manufacture, NorthStar is destined to become a leader in product and support within our industry.

KEY BENEFITS

- 1 Spray-gun with adjustable nozzle shoots 5.7 m vertical and 9.1 m horizontal, adjusts from cone to stream
- 2 12 V NorthStar NSQ Series on-demand pump provides faster priming and longer life
- 3 Tank-bottom drain allows for easy draining
- 4 Components have been tested and approved for use with Round-up® agricultural herbicide
- 5 Proprietary tank design features extra thick walls and superior chemical and UV resistance
- 6 Honeywell MICRO SWITCH™ enhances durability and efficiency
- 7 Tie-down straps for easy mounting
- 8 100% continuous duty rating
- 9 Santoprene™ diaphragm and Viton® valves for superior reliability and chemical resistance
- 10 4.5m of clear chemical resistant hose
- 11 152 mm diameter tank lid for easy fills
- 12 Includes remote switch with battery clips



98 L Spot Sprayer



38 L Spot Sprayer



60 L Spot Sprayer



200 L Spot Sprayer



MODEL	38 L	60 L	98 L	200 L
Capacity (L)	38	60	98	200
Voltage (V)	12	12	12	12
Flow (LPM)	3.8	8.3	8.3	5.7
Pressure KPa (psi)	276 (40psi)	483 (70psi)	483 (70psi)	1030 (150psi)
Horizontal Reach	7.6 m	9.1 m	9.1 m	10.5 m
Vertical Reach	4.2 m	5.7 m	5.7 m	7 m



12 V Elite Spot Sprayers

NorthStar Elite Spot Sprayers are quick, efficient and treat areas with precision. Available in 60 L and 98 L capacities, they – along with a reliable, high-pressure NorthStar NSQ Series on-demand pump – generate impressive flow rates for high-volume delivery. Apply fast and effortlessly.

KEY BENEFITS

- 1 Adjustable spray nozzle – 4m chemical resistant hose
- 2 Convenient carrying handles
- 3 Combined with a deluxe spray gun – delivers maximum vertical spray height of 5.7 m and horizontal spray distance of 9.1 m
- 4 Extra-thick polymer tank walls with moulded-in litre markers
- 5 Large 19 cm diameter tank lid for easy filling
- 6 Supplied with extra heavy-duty gun and lance
- 7 NorthStar regulator with pressure gauge enables fine-tuning of spray pressure
- 8 Easy access, oversized inlet filter keeps system running clean
- 9 Can easily add NorthStar spray booms (complete range available)
- 10 A pressure switch turns pump off when maximum pressure is reached to conserve battery power
- 11 Capacity – 60 L or 98 L; less time spent refilling



Stepping up the 12V spraying game

98 L



60 L



MODEL	60 L	98 L
Capacity (L)	60	98
Voltage (V)	12	12
Flow (LPM)	8.3	8.3
Pressure KPa (psi)	483 (70psi)	483 (70psi)
Horizontal Reach	9.1 m	9.1 m
Vertical Reach	5.7 m	5.7 m



Tow Behind Sprayers

The versatile, high-end NorthStar® Tow-Behind Sprayer gives you the ability to do both precision and wide-coverage spraying. Equipped with a commercial-grade 12 V NorthStar® NSQ Series™ pump, it provides easier priming, exceptional durability and superior resistance to harsh environments and corrosive chemicals.

KEY BENEFITS

- 1 Large fill neck for easy filling (19 cm)
- 2 NorthStar Series on-demand pump provides faster priming and longer life. 100% continuous duty rating
- 3 Attaches to ATV or garden tractor
- 4 Spring-loaded, breakaway boom arms fold away for compact storage. Complete control of left and right nozzles for maximum efficiency
- 5 30 cm Pneumatic wheels for easy towing
- 6 Proprietary UV tank resistant features extra-thick walls
- 7 In-line fuse protection
- 8 Compatible with Roundup® agricultural herbicide
- 9 Control system pressure and fluid agitation with regulator and pressure gauge
- 10 Spring loaded breakaway boom arms fold away for compact storage
- 11 Rugged powder-coated steel cart with large pneumatic wheels



Nothing stops this sprayer from doing its job

117 L



155 L





79 L



231 L



49 L



383 L



MODEL	49 L	79L	117 L	155 L	231 L	383 L
Capacity (L)	49	79	117	155	231	383
Voltage (V)	12	12	12	12	12	12
Flow (LPM)	3.8	8.3	8.3	15.1	20.8	26.5
Pressure (KPa)	276 (40psi)	483 (70psi)	483 (70psi)	410 (60psi)	410 (60psi)	410 (60psi)
Hose	9.5x3.35 mm	9.5x4.57 mm	9.5x4.57 mm	9.5x4.9 mm	9.5x6.4 mm	9.5x6.4 mm
Spray Pattern	Cone, Stream & Broadcast					
Gun Spray Distance (m)	7.62 long, 4.27 high	9.14 long, 5.79 high	9.14 long, 5.79 high	9.75 long, 6.40 high	10.05 long, 6.70 high	10.97 long, 7.32 high
Broadcast Spray Distance (m)	1.02 wide	3.05 wide	3.05 wide	2.53 wide	3.56 wide	4.57 wide
Nozzles	1	2	2	5	7	9

Continuous duty pumps for performance beyond your expectations

12 V Diaphragm Pumps

Commercial grade 12V NorthStar NSQ Series pump that provides easier priming, exceptional durability and superior resistance to harsh environments and corrosive chemicals.

KEY BENEFITS

- 1 Honeywell MICRO SWITCH™ with silver contacts enhance durability and efficiency
- 2 1.9 cm Quick-connect ports offer the ultimate in convenience and reliability
- 3 Fiberglass-reinforced pump manifold provides superior durability
- 4 Viton™ valves improve performance, priming and durability
- 5 Santoprene™ diaphragm is chemical-resistant
- 6 100% duty cycle. Motors are oversized for continuous duty operation. High-grade copper windings eliminate the need for additional cooling
- 7 Innovative smooth valve design for faster priming and longer life
- 8 Approved for use with Roundup™ agricultural herbicide
- 9 Self-priming up to
- 10 Standard mounting pattern
- 11 Fits all NorthStar sprayers and most other brands
- 12 Rated to 1000 hours
- 13 Includes 12.7 mm hose barb and 12.7 mm male NPT fitting




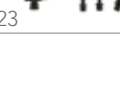





12 V Diaphragm Pumps



MODEL	1042Q	2272Q	3062Q	4062Q	5562Q	7062Q	15152Q	20200Q
Flow rate (LPM)	3.8	8.3	11.3	15.1	20.8	26.5	5.7	7.6
Pressure Kpa (psi)	276 (40 psi)	483 (70 psi)	414 (60 psi)	414 (60 psi)	414 (60 psi)	414 (60 psi)	1030 (150psi)	1373 (200psi)
Max Amps	4.0	8.0	10.0	13.0	17.0	23.0	11.0	23.0

Accessories for Northstar sprayers

POS	DESCRIPTION	PART No.			
1	Rubber Washer (All Models)	5232			
2	Drain Cap (All Models)	37680			
3	Plug (To be used with 787200 if not using a broadcast nozzle)	779859	1	2	3
4	Hose barb to suit 38 L	787196			
5	Quick Connect x 12.7 mm Hose barb 50° elbow	787199	4	5	6
6	Quick Connect x 9.5 mm Hose barb elbow x 6.3 mm FNPT elbow	787200			
7	Quick Connect x 9.5 mm Hose barb	787208	7	8	9
8	Quick Connect x12.7 mm Hose barb	787209			
9	Quick Connect x19 mm Hose barb	787210	10	11	12
10	Quick Connect x12.7 mm MNPT	787211			
11	Quick Connect x 9.5 mm Hose barb elbow	787212	13	14	
12	Quick Connect x12.7 mm Hose barb elbow	787213			
13	Quick Connect x19 mm Hose barb elbow	787214	15	16	17
14	Standard Spray Gun	779769			
15	Anvil Nozzle for Trolley Sprayers	792605	18	19	20
16	Battery leads / Wiring harness for all units	777493			
17	3.8 Pump Head Replacement	NUA1042	21	22	23
18	3.8 Pump Head Replacement	NUA2272			
19	11.4 Pump Head Replacement	NUA3062	24		
20	15.2 Pump Head Replacement	NUA4062	25		
21	10mm Hose by the meter	NUCFBK10			
22	Broadcast Spray Lance	NUBROADCAST			
23	Pressure Regulator	NUPRESSUREREGULATOR			
24	Heavy Duty Spray Gun	792723			
25	Professional Spray Gun	JET SPRAY LANCE			



BOOM SPRAYERS

- Precision control
- Wider spray coverage
- Spring loaded boom arms on some models
- Non drip check valve
- Easy connection
- Trailer and tank adaption options for optimising spray coverage



BROADCAST SPRAYER KIT	1N	2N	5N	7N
Nozzles (No.)	1	2	5	7
Nozzle Precision Control	Tank Mounted	Left/Right	Left/Center/Right	
Spray Coverage (m)	4.3	2	2.7	6.3
Boom arms	Nil		Spring Loaded	
Check Valves	No	Yes		
Mount Type	Tank		Trailer	Tank

solo[®] **SPRAYERS**

Growing your green fields...

16 L Battery Backpack Sprayer



4 hrs of spraying
2 hrs of charging



Ergonomically
designed



New

Solo 442Li Sprayer - See page 18



For over 70 Years Helping Good Things Grow

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