



CLAYTON
sprayers

solo[®]
SPRAYERS
70 Year Anniversary 2018



SPRAYERS PRODUCT CATALOGUE 18.01

HOUSE & GARDEN • LANDSCAPE • PROFESSIONAL • RURAL • INDUSTRIAL



SOLO HOUSE & GARDEN

- 1** Manual Pressure Sprayers 403/404
- 3-4** Manual Pressure Sprayers 408/409
- 4** Trolley Sprayer 453
- 11** Backpack Sprayer 414
- 13** Accessories 414



SOLO LANDSCAPE

- 5** Manual Pressure Sprayers 461/462
- 7** Backpack Sprayers 424
- 8** Backpack Sprayers 425LC
- 12** Backpack Sprayers 417



SOLO PROFESSIONAL

- 2** Manual Pressure Sprayers 401/402
- 6** Manual Pressure Sprayers 456/457/458
- 9-10** Backpack Sprayers 425/475/473D
- 17** Granulate Spreaders 421/Granomax



SOLO INDUSTRIAL

- 18** CleanLine 301FA/302A/302B/305A/307A/315A



NORTHSTAR SPOT

21 Spot Sprayer & Diaphragm Pumps



NORTHSTAR TOW BEHIND

22 Tow Behind Sprayers



SOLO PROFESSIONAL

13 High Pressure Backpack Power Sprayers 433

14 Backpack Power Mister 423



Small, light and handy, yet robust and versatile – quality compact manual pressure sprayers 403 and 404.

A large filler neck enables the 1.25 l or 2.0 l tank to be filled cleanly and any residues can be easily drained.

The large pump lever can raise the internal pressure up to 2 bar. This lets you apply almost the entire content without additional pumping. The integral safety valve protects the appliance against excess pressure build-up.

- 1 Metal pump shaft
- 2 Safety valve
- 3 Adjustable nozzle
- 4 Large filling aperture
- 5 Ergonomic robust handle that can also be gripped with gloves
- 6 Transparent tank with fill volume scale: 1.25 l (403), or 2.0 l (404)
- 7 Sound footing thanks to three support legs



MODEL	403	404
Piston pump	●	●
Capacity l	1.25	2
Max. spray pressure bar	2	2
Safety valve	●	●
Dry weight kg	0.5	0.6

Sample applications:

Plant protection

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



Professional mini pressure sprayers, equipped for use in wide variety of applications.

The robust pump reaches the required operating pressure after just a few strokes. The high quality hollow cone nozzle is fully adjustable – from a direct jet to the finest mist.

The pivoting nozzle – a standard feature – makes spraying easy, even underneath leaves, for example. A flexible helper in the home and conservatory, for DIY projects and when protecting and caring for your car.

A telescopic wand, extendible to 58 cm, is available as an accessory (see page 15).

- 1 Pivoting nozzle
- 2 Pump lever
- 3 Comfortable trigger
- 4 Ergonomic handle
- 5 Large filling aperture
- 6 Moulded feet for a firm footing
- 7 Capacity 1.0 L (401) 2.0 L (402)
- 8 Robust Viton® seals
- 9 Automatic safety valve



MODEL	401	402
Piston pump	●	●
Capacity l	1.0	2.0
Max. spray pressure bar	2	2
Safety valve	●	●
Dry weight kg	0.4	0.5
Seals	Viton	Viton

Sample applications:

- Plant protection
 - For plants on balconies and patios
- Cleaning
 - Automotive
 - Janitorial disinfection
 - House hold cleaners
 - Pest control



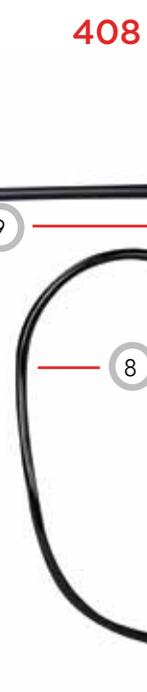
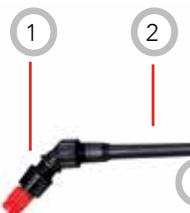
Quality HOUSE & GARDEN sprayers designed for the Australian harsh environment. Large capacity, 5 l (408) and 7 l (409) and quality fittings makes the garden job just so easy.

Both models are equipped with the SOLO Comfort carrying and pump handles; a broad range of SOLO sprayer accessories (see page 13) is available for both.

The wide funnel-shaped neck aperture facilitates clean and easy filling and draining. The adjustable nozzle enables spray patterns ideal for each job.

- 1 Adjustable nozzle
- 2 40 cm plastic wand (can be secured at the pump handle for transport and storage)
- 3 Ergonomic, large and robust handle that can also be gripped with gloves
- 4 Large, ergonomic handle
- 5 Safety valve
- 6 Light, transparent plastic tank with 5.0 l (408) or 7.0 l (409) capacity
- 7 Sound footing thanks to three support legs
- 8 1.2 m hose
- 9 Metal pump lever

408



409



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	Metal / yes	
Hose length m	1.2	1.2
Spray wand	Plastic, 40 cm	
Nozzle	Adjustable nozzle	

Sample applications:

Plant protection

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



Gardening made easy: The large wheels of the SOLO 453 trolley sprayer make it easy to pull along, no lifting, whether moving through a garden or transporting. Yet the use of aluminium for the height-adjustable handle keeps the weight right down.

The dry weight is a mere 3.5 kg. Just a few pump strokes are enough to build the necessary pressure inside the 11 l tank. The robust and large handle is big enough to be securely gripped with gloves. The same applies to the handle with soft grip sleeve. A spiral hose provides the necessary reach.

453



- 1 2.5 m spiral hose
- 2 Ergonomically shaped, adjustable handle
- 3 Quick-acting closure by twisting the handle
- 4 Large pump lever for easy pumping; with spray wand clamping retainer
- 5 Adjustable aluminium handle with soft grip sleeve
- 6 Sturdy spray wand
- 7 Adjustable universal nozzle
- 8 Safety valve
- 9 Large piston pump for building pressure effectively
- 10 11 l, UV-resistant, transparent tank for good visibility of media fill level
- 11 Transport wheels with good grip

MODEL	453
Capacity l (nominal volume)	11
Max. spray pressure bar	2
Dry weight kg	3.5
Transport wheels	Yes
Handle height adjustment	Yes (locks without need for tools)
Hose length m	2.5 (spiral hose)
Spray wand	Plastic, 40 cm
Nozzle	SOLO adjustable nozzle
Seals	Viton

Sample applications:

- Plant protection
- Medium-sized and larger private gardens
 - For decorative plants, shrubs and plantation
 - Weed control



With 3 bar operating pressure, SOLO pressure sprayers 461 and 462 are ideal for a variety of tasks in the garden and landscaping jobs.

To enable you to work uninterrupted for longer, versions with volumes of 5 l (461) and 7 l (462) are available. The large, smooth-acting 270 cm³ pump creates the necessary spray pressure. The wide filling aperture with facility to retain the spray wand, the generous filling and cleaning aperture and two spray nozzles supplied as standard (flat jet and hollow cone) – all located within a handy storage compartment cover – are just some of the features of these attractive pressure sprayers.

The polyethylene tank is UV-resistant and transparent so the fill level is easily visible and can be checked against the measuring scale.

- 1 Flat jet & hollow cone nozzle
- 2 Flexible 50 cm polyethylene/synthetic fibre spray wand for the toughest mechanical and chemical applications
- 3 3 bar automatic safety valve
- 4 Quick-acting closure by twisting the handle
- 5 Fixing system for spray wand
- 6 Large aperture for easy filling and large additional aperture for simple cleaning (79 mm)
- 7 Transparent, high pressure safety tank made from UV-resistant polyethylene
- 8 Comfortable handle with connection for optional pressure gauge and childproof lock



MODEL	461	462
Capacity l (nominal volume)	5.0	7.0
Max. spray pressure bar	3.0	3.0
Dry weight kg	1.2	1.5
Hose length m	1.4	1.4
Spray wand	Plastic, 50 cm	
Nozzle	SOLO flat jet and hollow cone nozzle	
Seals	Viton	Viton

Sample applications:

Plant protection

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



These premium quality pressure sprayers are the right tool for professionals and offer 5 l, 7 l or 9 l capacity. A 340 cm³ pump generates a working pressure of 3 bar after astonishingly few strokes. The sprayers are extremely robust, easy to use and cleaning is straightforward. They have the reputation as being No.1 sprayers in the Australian market. The current fill level of spray medium can be checked easily and directly on the tank. These models possess some premium quality features such as spray wand over 50 cm long, robust handles with an optional pressure gauge and a selection of spray nozzles. UV-resistant plastics promise robustness and a long service life for these sprayers. The thick wall makes the tank almost indestructible.

- 1 Flat jet & hollow cone nozzle
- 2 Clamps for securing plastic and brass spray wands
- 3 Quick-acting closure by twisting the handle
- 4 Safety valve automatically compensates in the case of excess pressure inside the tank
- 5 Extra large piston pump – operating pressure achieved after just a few pump strokes
- 6 Robust spray wand
- 7 Practical strap
- 8 Clearly visible spray medium level
- 9 Ergonomically shaped handle



MODEL	456	457	458
Capacity l (nominal volume)	5.0	7.0	9.0
Max. spray pressure bar	3.0	3.0	3.0
Dry weight kg	2.5	2.6	3.0
Hose length m	1.4m	1.4m	1.4m
Spray wand	Plastic, 50 cm		
Nozzle	SOLO flat jet and hollow cone nozzle		
Seals	Viton	Viton	Viton

Sample applications:

Plant protection

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

Cleaning

- Janitorial disinfection
- Pest control
- Trade applications



- 1 The pumping procedure is efficient and easy due to a smooth power transfer system via a double push rod.
- 2 The pump system incorporates an effective mixing system. While pumping, the liquid in the tank is constantly swirled and mixed.
- 3 The tank and the base are anatomically shaped similar to the human spine. In conjunction with comfortable shoulder straps, the ease of carrying the unit is significantly increased. This is a huge advantage for operational comfort and safety.
- 4 An integrated and robust handle assists with comfortable transport and easy emptying.
- 5 The internal, large volume pump system is centrally located and sealed with a low wear pleated hose. This arrangement prevents potential leakages and reduces maintenance.
- 6 The diameter of the large tank filling aperture is 124 mm with a quick locking lid. The large inlet filter is easily removed.
- 7 A stable tank base ensures good footing, also on uneven surfaces.
- 8 Pump lever suitable for LH/ RH operation with position for transport /storage

The uncomplicated design of the new Backpack Sprayer SOLO Nova 424 presents a reliable, practical and comfortable product.

The sprayer fulfils the basic requirements for demanding use in the trade and with semi-professional operators. For the intensive use in the plant protection industry. Suitable for the application of all approved plant protection chemicals. Robust and maintenance friendly design.

MODEL	424
Capacity l (nominal volume)	16
Max. spray pressure bar	4.0
Dry weight kg	5.1
Hose length m	1.3m
Spray wand	Plastic, 50 cm
Pump type	Internal piston pump
Equipment	Adjustable universal hollow cone nozzle





PISTON BACKPACK SPRAYER

- 1 Impressive spray performance, two nozzles as standard
- 2 Individual pump lever mounting for right/left-handed users
- 3 Robust spray wand
- 4 Wide, padded and comfortable straps with strain relief
- 5 Large filling and cleaning aperture
- 6 Longer hose for extended reach
- 7 Handle with ergonomically shaped finger grips
- 8 Manual valve with pressure gauge connection for precisely metered spray volume (not standard)
- 9 Ergonomic tank design:
 - High quality plastic resistant to UV rays
 - Non-pressurised tank with inner air chamber
 - Fill level markings
 - Low inherent weight
 - Clearly visible spray medium level
- 10 Stable tank frame



MODEL	425LC
Pump type piston/diaphragm	● / -
Tank capacity l	15
Max. spray pressure bar	6
Manual spray pressure adjustment	●
Folding Handle	●
Dry weight kg	4.5
Seals	Viton



- 1 Impressive spray performance, two nozzles as standard
- 2 Ergonomically refined, rotating, length-adjustable pump lever (Comfort Range Only) individual pump lever mounting for right/left-handed users
- 3 Robust spray wand
- 4 Wide, padded and comfortable straps with strain relief
- 5 Large filling and cleaning aperture
- 6 Longer hose for extended reach
- 7 Handle with ergonomically shaped finger grips
- 8 Manual valve with pressure gauge connection for precisely metered spray volume (not standard)
- 9 Carrying handle with spray wand retainer (Comfort Range Only)
- 10 Ergonomic tank design:
 - High quality plastic resistant to UV rays
 - Non-pressurised tank with inner air chamber
 - Fill level markings
 - Low inherent weight
 - Clearly visible spray medium level
- 11 Easy-action pump
- 12 Stable tank frame



MODEL	473 D
Pump type piston/diaphragm	- / ●
Tank capacity l	10
Max. spray pressure bar	4
Dry weight kg	4.3
Seals	Viton



SOLO is the No.1 backyard sprayer on the Australian market, No.1 used by City Councils, Contract Gardeners, Nursery Professionals and Rural Farmers.



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

MODEL	425 Comfort	475 Comfort
Pump type piston/diaphragm	● / -	- / ●
Tank capacity l	15	15
Max. spray pressure bar	4/6 (with plug)	4
Manual spray pressure adjustment	●	●
Folding Handle	●	●
Dry weight kg	4.5	4.7
Seals	Viton	Viton



The SOLO 414 residential sprayer. These sprayers are lightweight and require no pumping; which makes an already-simple operation even simpler. Moreover, the unit incorporates a carrying system for your additional comfort. An easy grip shut-off valve reduces fatigue, while a battery compartment on the side of the sprayer allows for no-fuss removal of the Li-lo battery.

414



- 1 UV resistant tank with 10l nominal volume
- 2 The 10.8V/2.5Ah li-lo battery allows approx. 3.5 hrs of spraying. The recharge time for the battery is 2.5 hrs.
- 3 Large opening and lid with carrying handle
- 4 Adjustable nozzle
- 5 40cm robust wand and shut-off valve assembly
- 6 Long spray hose

MODEL	414
Total capacity	10l
Voltage	10.8 V
Current flow	0.75 A
Battery capacity	2.5 Ah
Working time	3.5 hrs
Charging time	2.5 hrs
Flow	1.15 l/min
Output	241l
Net Weight	2.75 kg

Sample applications:

Plant protection

- Large private gardens, decorative plants, shrubs and plantations
- Weed control



Work efficiency and easy operation are achieved by the SOLO premium 12 V battery powered backpack sprayer. Free of emissions and whisper-quiet, spray from a 18 l transparent tank made from very strong UV-resistant plastic. Powerful 12 V pump, switchable to two speeds with up to 4.3 bar pressure delivering both the pressure and throughput you need. The low dry weight guarantees tireless working.

In addition, the 417 is equipped with a comfortable padded backpack support frame with wide shoulder straps that are also padded.



- 1 Durable 500 mm spray wand
- 2 Robust manual valve with dampened pressure gauge
- 3 Large filling and cleaning aperture
- 4 Integrated tank fill level scale
- 5 Ergonomically shaped 18 l tank made from UV-stabilised plastic with comfortable padded backpack frame, wide shoulder strap and waist strap
- 6 1500 mm long hose
- 7 Robust 12 V pump fitted inside an impact-resistant enclosure; pressure and spray volume selectable in two speeds

MODEL	417
Rating	12 V / 7 Ah
Nominal volume	18 l
Flat jet nozzle	●
Spray pressure	I 2.5 bar
	II 4.3 bar
Spray volume	I 1.07 l/min
	II 1.42 l/min
Dry weight kg	7.8
Standard supply	Pressure gauge
Battery operating time	I 3.7 hrs
	II 2.3 hrs
Recharge time	8 hrs

Sample applications:

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



- 1 50 cm stainless steel spray wand
- 2 Robust manual valve with silicone-dampened pressure gauge
- 3 Large filling and cleaning aperture
- 4 Twin nozzle
- 5 Ergonomically shaped tank made from UV-stabilised plastic with comfortable padded backpack frame, wide shoulder strap genuine Honda
- 6 Powerful 4-stroke engine
- 7 Long high pressure hose for stress-free arm movements

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	•
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	•
Standard delivery	Stainless steel spray wand



SOLO 433 pressure sprayers features a genuine Honda 4-stroke engine with plenty of power: The adjustable operating pressure of the push-pull piston pump reaches up to 30 bar, enabling this unit to deliver the finest spray – even high up – at a flow rate of up to 2 l/min. Long working stretches without refilling are ensured by capacities of 20 litres. A practical drain connector underneath the container enables complete draining of residual liquid. The 433 is equipped with a 50 cm stainless steel spray wand and a pressure gauge on the sturdy, quick-release handle, which allows the pressure to be matched to any application. Supplied with a high quality, double flat-jet nozzle, with stainless steel nozzle discs. With the right accessories you can discover the powerful advantages of this motorised sprayer.

Sample applications:

- Plant protection
 - Tall plantings, such as trees and larger shrubs
 - Fruit trees
- Agriculture
 - Crops
- Public gardens and landscaping

POWERED by **HONDA**



SOLO misters are amongst the most popular in the world. They are right at home and have become indispensable in agriculture, horticulture, pest control, woodland maintenance, public parks and green areas, amongst fruit and vine growers and in coffee and cocoa plantations in Africa and South America.

This success does not come out of the blue: Firstly, misters from SOLO have an impressive spraying capacity as well as being light. These characteristics make them the environmentally responsible choice for the economical protection of all woodland and crop plantations anywhere in the world. Secondly, plant protection sprayers from SOLO are remarkably robust and easy to handle. Thanks to all these benefits, they have been helping to bring about high yields around the globe for many years. In this, advanced engine technology from SOLO ensures low fuel consumption, reduced exhaust gas emissions and high performance in continuous use – even when it gets very hot.

In addition to plant protection, these sprayers can also be used for disinfection, parasite control in animal herds, in stables, storage areas, ships and containers.

The range of accessories (see page 16) makes the SOLO mister, even more versatile. For example, a dusting attachment turns the PORT 423 mister into a dusting machine.

If you need to increase the reach of SOLO misters, simply equip them with a liquid booster pump. This enables the use of longer spray wands, whilst keeping the spray pattern and spray volume constant.

423



MODEL	423 PORT
Engine	SOLO 2-stroke
Capacity	72.3 cm ³
Rating	3.0 kW / 4.1 HP
Sound pressure level	97 dB(A)
Sound power level	110 dB(A)
Vibration value	≤ 6.3 m/s ²
Tank capacity	12 l
Max. air delivery	1400 m ³ /h
Max. air coverage	12 m
Weight (dry)	11.0 kg
Standard delivery	SOLO special misting nozzle with 4 settings, long reach nozzle, wide angle grill, deflector nozzle and double sided screen

ACCESSORIES FOR PRESSURE AND BACKPACK SPRAYERS

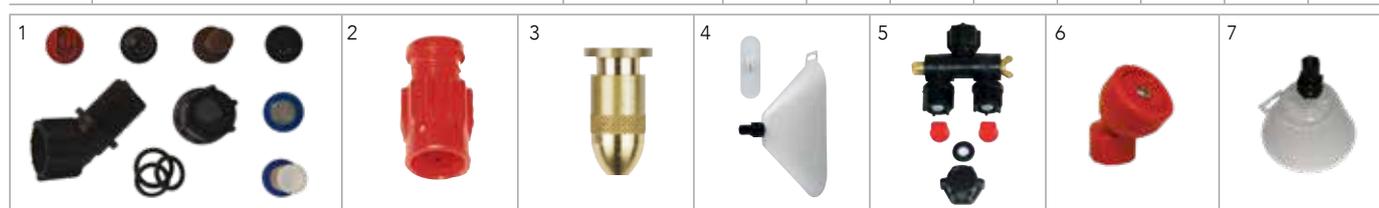
●	Recommended	●	Suitable	○	Not recommended	-	Unsuitable / does not fit
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POS	WANDS	PART NO.	403	408	401	461	456	425	473 D	417
			404	409	402	462 463	457	425 LC	475	
1	Telescopic wand approx. 25 – 50 cm. Extension for the 401/402 manual sprayers for comfortable 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	Manual valve set Manual valve with pressure gauge connection, childproof lock and regular use by professionals	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. May be used with all SOLO spray wands for manual sprayers.	49 00 299	-	○	-	●	●	●	●	-
15	Universal spray wand 70cm.	4900170N	-	●	-	●	●	●	●	●

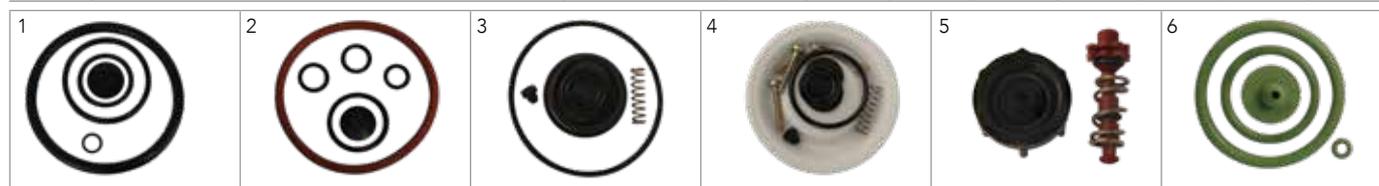


ACCESSORIES FOR PRESSURE AND BACKPACK SPRAYERS

POS	NOZZLES AND DRIFT GUARDS	PART NO.	408							
			403 404	409 453 414	401 402	461 462 463	456 457	425 425 LC	473 D 475	417
1	Complete nozzle set, comprising 3 nozzles. Universal application.	06 10 408P	-	●	-	●	●	●	●	●
2	High reach spray nozzle, plastic Adjusts from fine mist to long jet.	49 00 527	-	●	-	●	●	●	●	○
3	High reach spray nozzle, brass Adjusts from fine mist to long jet; enables pinpoint accuracy over a greater distance.	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							
			403 404	409 453	401 402	461 462 463	456 457	425 425 D 425 LC	473 D 475	417
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.	408							
			403 404	409 453	401 402	461 462 463	456 457	425 425 LC	473 D 475	417
1	Plant sprayer cleaner in a metering bottle, 500 ml	49 00 600	-	●	●	●	●	●	●	●
2	Extra heavy duty harness	49 00 599	-	-	-	-	-	●	●	-



GRANULATE SPREADERS



421



- 1 Large filling and cleaning aperture
- 2 Tight dust cap prevents the ingress of dust
- 3 Shoulder strap
- 4 Large 9 litre tank
- 5 Robust integral agitator
- 6 Spreader disc with large fins for excellent filling with granulate and even application
- 7 Easy-to-operate manual crank

Seeds, fertiliser (e.g. after scarifying), gritting salt, oil absorbers, cleaning agents, pelletised lime, bird seed, stock feed, sand, fire ants, etc.

The integral agitator ensures even distribution onto the steadily rotating spreader disc driven by the manual crank.

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 hopper aperture makes filling easy, whilst the large screw top protects users from harmful dust.



Granomax



- 1 The spreader allows (due to the clever geometry) even spreading in any situation
- 2 5-stage flow rate control allows an accurate dosing
- 3 Viewing window granule flow
- 4 Dust proof 6.5 litre bag (approx. 5 kg granular fertilizer) with large opening and zip closure
- 5 The clever carrying system enables by simply shifting the bag/belt. A continuously and uncomplicated adjustment of the spreader height

The application is in the principle. Pull the Granomax around your back and start spreading. Spot treat, broad cast, in small corners of your garden lawn areas, paths and driveways – and many more applications.

The unique designed spread head guarantees an even spreading of a wide range of materials.

With easy lateral movements, width up to 2 m can be evenly covered with spreading material.

With Granomax, spreading becomes as easy as watering plants.



CLEANLine 301A/302A - FKM

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

CLEANLine 315A - FKM

- Large filling and cleaning tank aperture
- Carrying handle with integrated spray wand holder
- Ergonomically shaped tank with strong base frame
- Comfortable hand valve for precisely metered spray volume
- Long delivery allows more spray distance
- High value, chemical resistant flat spray nozzle
- Smooth, effective piston pump with 4-stage, manual spray pressure adjustment
- Wide, comfortable and padded carrying straps with tension release



CLEANLine 305A/307A - FKM

- Large size piston pump - operating pressure is attained with few pump strokes
- Large filling aperture - quick closing by turning pump handle with integrated spray wand holder
- Safety pressure release valve
- High value, chemical resistant flat spray nozzle
- Practical, long and wide carrying strap
- With a 7mm wall thickness extremely robust yet light and with easily visible fill level markings
- Ergonomically shaped hand valve and strong fabric reinforced delivery hose

315A



Benefits of all SOLO CLEANLine sprayers:

- 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



CLEANLine 301B/302B - EPDM

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

CLEANLine 305B/307B - EPDM

- Large size piston pump - operating pressure is attained with few pump strokes
- Large filling aperture - quick closing by turning pump handle with integrated spray wand holder
- Safety pressure release valve
- High value, chemical resistant flat spray nozzle
- Practical, long and wide carrying strap
- With a 7mm wall thickness extremely robust yet light and with easily visible fill level markings
- Ergonomically shaped hand valve and strong fabric reinforced delivery hose



MODEL	301A	302A	305A	307A	315A	301B	302B	305B	307B	301FA	301FB	
Nominal volume l	1.25	2.0	5.0	7.0	15.0	1.25	2.0	5.0	7.0	2.0	2.0	
Spray pressure (bar)	3.0		3.0		4.0	3.0		3.0		3.0	3.0	
Seals	FKM					EPDM					FKM	EPDM
Weight empty	0.5	0.6	2.6	2.8	4.5	0.5	0.6	2.6	2.8	0.6	0.6	
Foaming function	-		-		-	-		-		YES	YES	
Delivery hose length	-		1.4m		1.4m	-		1.4m		-	-	
Spray wand	-		50cm plastic, non-corrosive			-		50cm plastic, non-corrosive		-	-	
Carrying system	-		shoulder strap backpack			-		shoulder strap		-	-	
Nozzles	SOLO universal hollow cone nozzle, adjustable		SOLO flat spray nozzle			SOLO universal hollow cone nozzle, adjustable		SOLO flat spray nozzle		SOLO special flat spray nozzle		



301FA



CLEANLine 301FA

FOAM FKM

- FKM seal quality for acidic liquids
- Light, sturdy and translucent containers with easily visible fill volume graduation and larger filling aperture
- Smooth, sealed pump with large pump handle for quick efficient pressure build-up to max. 3 bar
- Safety valve for pressure release to empty container
- Special, adjustable flat spray nozzle with foaming function
- Ergonomically shaped and robust handle grip for good hold, also with gloves
- Secure balance with three base footings
- High value, special flat spray nozzle

301FB

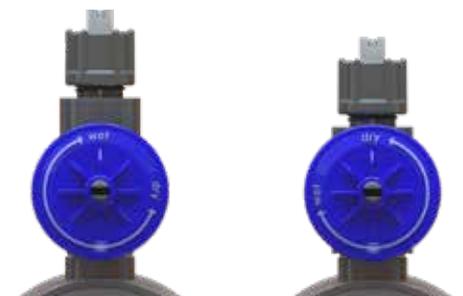


CLEANLine 301FB

FOAM EPDM

- EPDM seal quality for alkaline liquids
- Light, sturdy and translucent containers with easily visible fill volume graduation and larger filling aperture
- Smooth, sealed pump with large pump handle for quick efficient pressure build-up to max. 3 bar
- Safety valve for pressure release to empty container
- Special, adjustable flat spray nozzle with foaming function
- Ergonomically shaped and robust handle grip for good hold, also with gloves
- Secure balance with three base footings
- High value, special flat spray nozzle

VARIO FOAM



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.



NorthStar is a proven name in spot spraying in the USA and European market. New to Australia it combines quality at an affordable price. Supported by a world manufacture NorthStar will become a leader in product and support in our industry.

- 1 12 V NorthStar NSQ Series on-demand pump provides faster priming and longer life
- 2 Spray gun with adjustable nozzle shoots 5.7 m vertical and 9.1 m horizontal
- 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

- 100% continuous duty rating
- Santoprene™ diaphragm and Viton® valves for superior reliability and chemical resistance
- Spray gun nozzle adjusts from cone to stream
- 4,5 m clear poly vinyl chloride hose makes monitoring chemical flow simple
- 152 mm, diameter tank lid for easy fills
- Includes remote switch with battery clips
- 200 L Sprayer also available with:
2272Q, 8.3 LPM, 483Kpa (70psi)
3062Q, 11.3 LPM, 414Kpa (60psi)

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	7.6m	9.1m	9.1m	10.5m
Vertical Reach	4.2m	5.7m	5.7m	7m



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 12V NorthStar® NSQ Series™ pump, it provides easier priming, exceptional durability and superior resistance to harsh environments and corrosive chemicals.

Tow Behind Sprayer

- 1 Large fill neck for easy filling (19cm)
- 2 NorthStar Series on-demand pump provides faster priming and longer life. 100% continuous duty rating
- 3 Retractable tow bar for convenient storage. 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 30cm Pneumatic wheels for easy towing
- 6 Tank is UV resistant and compatible with almost all pesticides



- Proprietary tank design features extra-thick walls made with special chemical and UV resistant polymer
- In-line fuse protection
- Compatible with Roundup® agricultural herbicide
- Control system pressure and fluid agitation with regulator and pressure gauge
- Spring loaded breakaway boom arms fold away for compact storage
- 190mm diameter tank lid for easy fills
- Rugged powder-coated steel cart with large pneumatic wheels

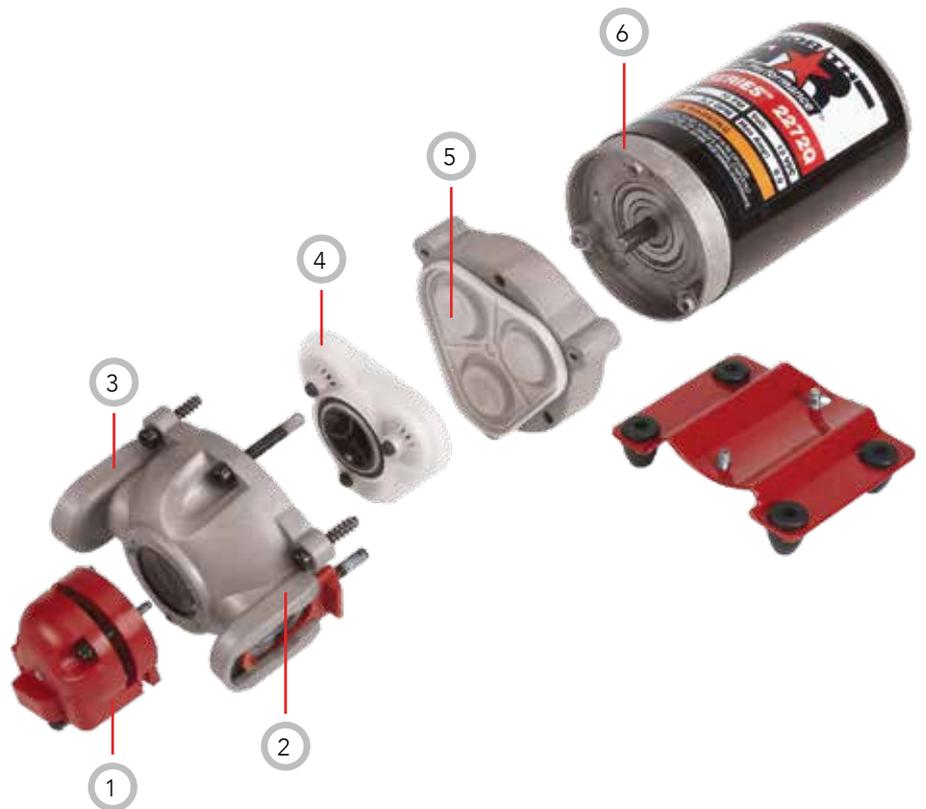
MODEL	49 L	79 L	117 L	155L	231L	383L
Capacity (L)	49	79	117	155	231	383
Voltage (V)	12	12	12	12	12	12
Flow (LPM)	3.8	8.3	8.3	15.1	20.8	26.5
Pressure (KPa)	276(40psi)	483 (70psi)	483 (70psi)	410(60psi)	410(60psi)	410(60psi)
Hose	9.5x3.35mm	9.5x4.57mm	9.5x4.57mm	9.5x4.9mm	9.5x6.4mm	9.5x6.4mm
Spray Pattern	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



12 V Diaphragm Pumps

- 1 Honeywell MICRO SWITCH™ with silver contacts enhance durability and efficiency
- 2 19mm 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

- Innovative smooth valve design for faster priming and longer life
- Approved for use with Roundup™ agricultural herbicide
- Self-priming up to 4 feet above liquid level
- Standard mounting pattern
- Fits all NorthStar sprayers and most other brands
- Rated to 1000 hours
- Includes 12.7 mm hose barb and 12.7 mm male NPT fitting



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

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 38L	787196			
5	Quick Connect x 12.7mm Hose barb 50° elbow	787199	4	5	6
6	Quick Connect x 9.5mm Hose barb elbow x 6.3mm FNPT elbow	787200			
7	Quick Connect x 9.5mm Hose barb	787208			
8	Quick Connect x12.7mm Hose barb	787209	7	8	9
9	Quick Connect x19mm Hose barb	787210			
10	Quick Connect x12.7mm MNPT	787211			
11	Quick Connect x 9.5mm Hose barb elbow	787212	10	11	12
12	Quick Connect x12.7mm Hose barb elbow	787213			
13	Quick Connect x12.7mm Hose barb elbow	787214			
14	Standard Spray Gun	779769	13	14	
15	Anvil Nozzle for Trolley Sprayers	792605			
16	Battery leads / Wiring harness for all units	777493	15	16	17
17	3.8 Pump Head Replacement	NUA1042			
18	3.8 Pump Head Replacement	NUA2272			
19	11.4 Pump Head Replacement	NUA3062	18	19	20
20	15.2 Pump Head Replacement	NUA4062			
21	10mm Hose by the meter	NUCFBK10			
22	Broadcast Spray Lance	NUBROADCAST	21	22	23
23	Pressure Regulator	NUPRESSUREREGULATOR			
24	Heavy Duty Spray Gun	792723			
25	Professional Spray Gun	JET SPRAY LANCE	24	25	

MORE CLAYTON ENGINEERING PRODUCTS...



- 40V Battery Garden Products
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- Inverter Generators
- Storage Boxes



SpaceCase®



- Rainwater Pumps
- Submersible Drainage Pumps
- Submersible Sewerage Pumps
- Packaged Pump Stations
- Agricultural Pumps
- Engine driven Fire Fighting Pumps and Transfer Pumps



- Lake & Pond Remediation
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