

CLAYTON
sprayers

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 **13** Accessories



SOLO LANDSCAPE

- 2** Manual Pressure Sprayers 401/402 **5** Manual Pressure Sprayers 461/462/463 **7** Backpack Sprayers 425D/425LC



SOLO PROFESSIONAL

- 6** Manual Pressure Sprayers 456/457 **7-8** Backpack Sprayers 425/475/473D **17** Granulate Spreaders 421/Granomax



SOLO INDUSTRIAL

- 18** Industrial Sprayers 407C1/487C1/462/456F



NORTHSTAR SPOT

19 Spot Sprayer & Diaphragm Pumps



NORTHSTAR TOW BEHIND

20 Tow Behind Sprayers



SOLO PROFESSIONAL

9 Battery Operated Backpack Sprayers 417

10 High Pressure Backpack Power Sprayers 433

11-12 Backpack Power Misters 451/423

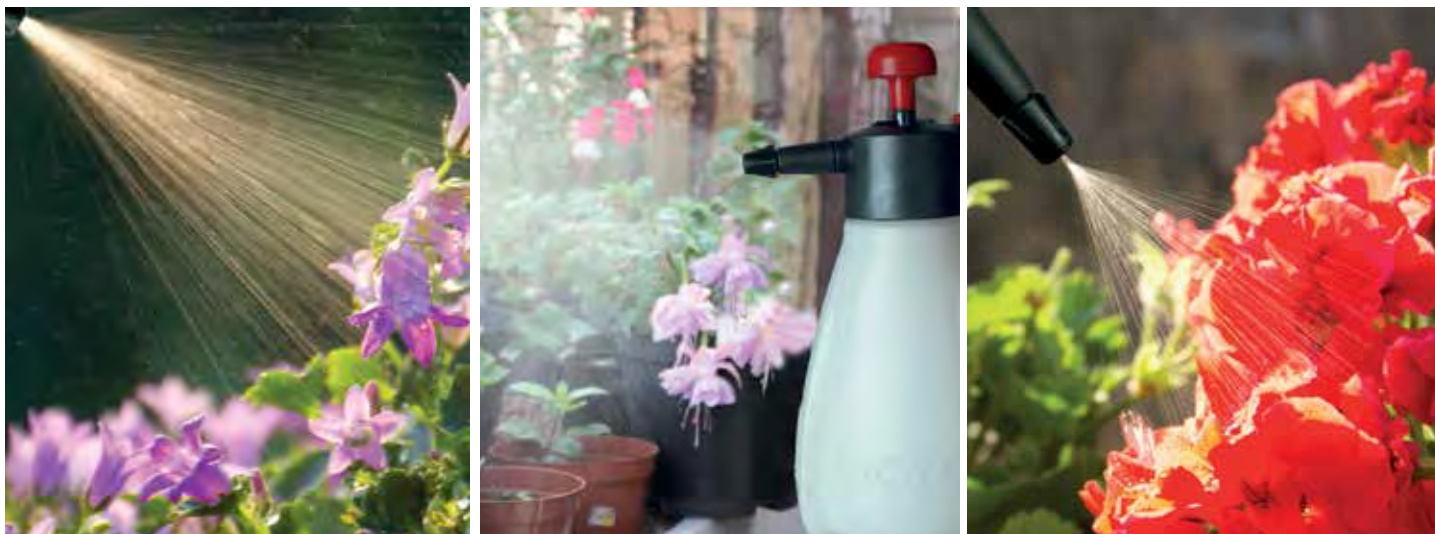


BIRCHMEIER INDUSTRIAL

22 Automotive Sprayer

23 Acidic Sprayer

24 Alkaline Sprayer



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 13).

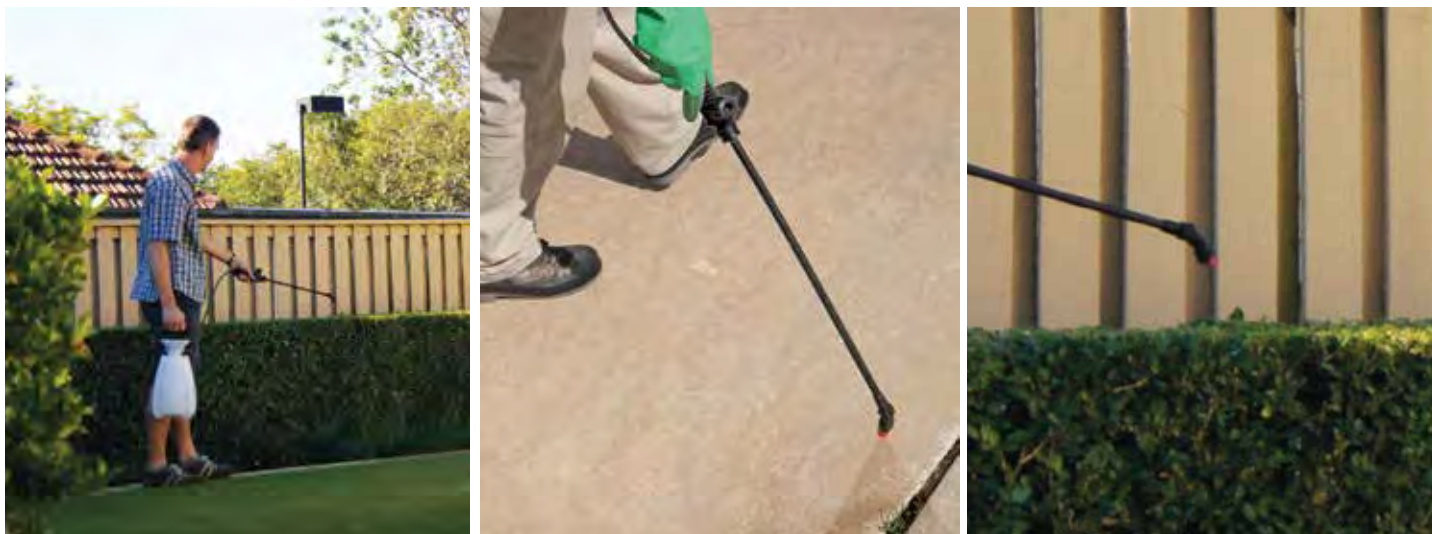
- 1 Pivoting nozzle
- 2 Pump lever
- 3 Comfortable trigger
- 4 Ergonomic handle
- 5 Large filling aperture
- 6 Moulded feet for a firm footing
- 7 Capacity 1.0 L (401) 2.0 L (402)
- 8 Robust Viton® seals
- 9 Automatic safety valve



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

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.



- 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 or 7 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
Capacity l (nominal volume)	5.0	7.0
Max. spray pressure bar	3.0	3.0
Dry weight kg	2.5	2.6
Hose length m	1.4m	1.4m
Spray wand	Plastic, 50 cm	
Nozzle	SOLO flat jet and hollow cone nozzle	
Seals	Viton	Viton

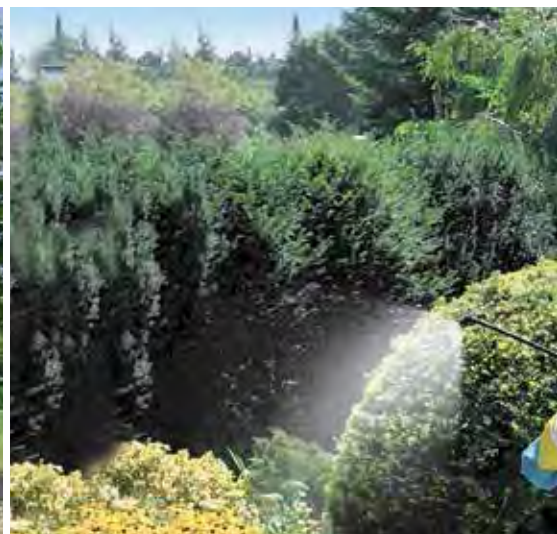
Sample applications:

Plant protection

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

Cleaning

- Janitorial disinfection
- Pest control
- Trade applications



- 1 Impressive spray performance, two nozzles as standard
- 2 Clamping retainer for securing the spray wand (425, 475, 473 D only)
- 3 Robust spray wand
- 4 Wide, padded and comfortable straps with strain relief
- 5 High-grade UV-stabilised plastics
Ergonomic tank design
Non-pressurised tank with inserted air chamber, level scale
Low inherent weight
Clearly visible spray medium level
- 6 Large filling and cleaning aperture
- 7 Longer hose for extended reach
- 8 Handle with ergonomically shaped finger grips
- 9 Manual valve with pressure gauge connection for precisely metered spray volume (not standard)
- 10 Ergonomically refined rotating pump lever, pump lever mounting for right-handed and left-handed users (425, 475, 473 D only)
425 LC has lance clips
- 11 Manual spray pressure adjustment to 1-2-3-4 bar (425, 475, 473 D only) inside tank
- 12 Easy-action pump
- 13 Stable tank frame





Diaphragm

473D

475

SOLO is the No.1 backyard sprayer on the Australian market, No.1 used by City Councils, Contract Gardeners, Nursery Professionals and Rural Farmers. SOLO provides a range of piston pump sprayers (425/425 D/425 LC) and diaphragm pump (475/473 D).

Large filling apertures for convenient filling of the tank and low resistance pumps make spraying easy work.

The worldwide success of these robust, durable pressure sprayers can be attributed to the following characteristics: low maintenance, large spraying capacity, even application with low energy requirements and low inherent weight due to the use of top quality UV-stabilised plastics.

A well-designed range of accessories creates solutions for special applications.

Sample applications:

Plant protection

- Farms, acreage, decorative plants, shrubs and plantations
- Public gardens and landscaping, greenhouses, nurseries
- City councils & contract gardens
- Weed control
- Horticultural plantations

Agriculture diaphragm model recommended

- Herbicides & pesticides
- Disinfection
- Chlorine (475 only)

MODEL	425	425D	425LC	475	473D
Pump type piston/diaphragm	● / -	● / -	● / -	- / ●	- / ●
Tank capacity l	15	15	15	15	12
Max. spray pressure bar	4	6	6	4	4
Manual spray pressure adjustment	●	-	-	●	●
Folding Handle	●	-	-	●	●
Dry weight kg	4.5	4.5	4.5	4.6	4.3
Seals	Viton	Viton	Viton	Tivilon	Viton



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 / 9 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 4.3 hrs
	II 2.4 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.

See accessories (page 15).

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 both SOLO misters, i.e. the 451 and the PORT 423, 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	451-02	423 PORT
Engine	SOLO 2-stroke	SOLO 2-stroke
Capacity	66.5 cm ³	72.3 cm ³
Rating	2.1 kW / 2.9 HP	3.0 kW / 4.1 HP
Sound pressure level	94 dB(A)	97 dB(A)
Sound power level	103 dB(A)	110 dB(A)
Vibration value	≤ 2.0 m/s ²	≤ 6.3 m/s ²
Tank capacity	20 l	12 l
Max. air delivery	1400 m ³ /h	1400 m ³ /h
Max. air coverage	11.5 m	12 m
Weight (dry)	10.8 kg	11.0 kg
Standard delivery	SOLO special misting nozzle with 4 settings, long reach nozzle, wide angle grill, deflector nozzle and double sided screen	



The right nozzle for any plantation:
The standard delivery of the SOLO 451 and PORT 423 includes a long reach nozzle as well as a wide angle grill and a deflector nozzle. The long reach nozzle directs the spray medium over a distance of up to 12 m (PORT 423). The spray width increases with the wide angle grill. The deflector nozzle makes spraying easier in rows of crops, as well as enabling the treatment of the underside of plants.

451

Only available with 20 l tank.

- 1 Large filling and cleaning aperture
- 2 Spray nozzle for extended reach through high air expulsion velocity
- 3 Large tank made from UV-stabilised plastic. Fill level always visible through transparent tank wall
- 4 Ergonomically designed control for throttle, spray volume and start/stop
- 5 Large petrol tank together with a quality engine ensure long working cycles
- 6 Comfortable, ergonomically shaped backpack frame with padded straps and anti-vibration dampers
- 7 Maintenance free design
- 8 Highly stable plastic airways for improved fan performance
- 9 Long rotating plastic spray wand, can be pivoted easily in any direction
- 10 Advanced, low-emissions SOLO 2-stroke engine with Nikasil® cylinder coating for a long service life of the appliances



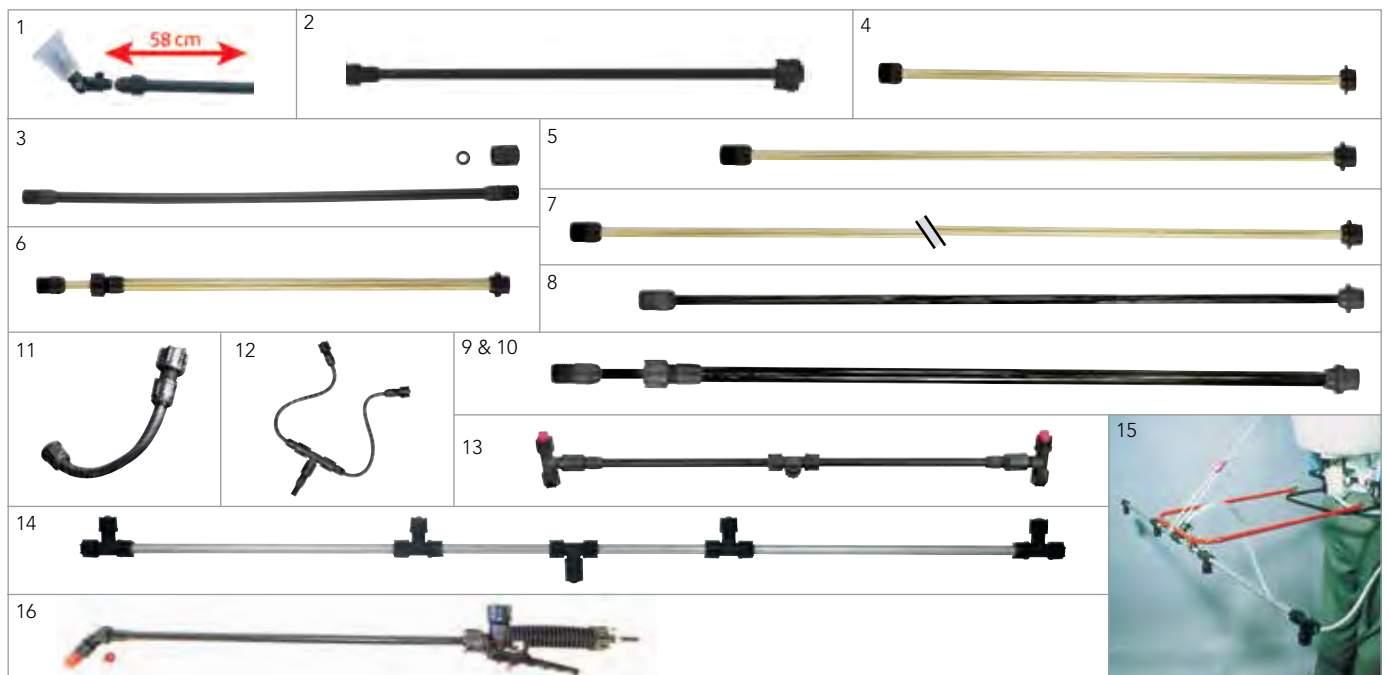
Sample applications: Plant protection

- Public gardens and landscaping
- Agricultural plantations
- High trees
- Fruit and vine growers
- Horticultural operations
- Pest Control

ACCESSORIES FOR PRESSURE AND BACKPACK SPRAYERS

●	Recommended	●	Suitable	○	Not recommended	-	Unsuitable / does not fit
---	-------------	---	----------	---	-----------------	---	---------------------------

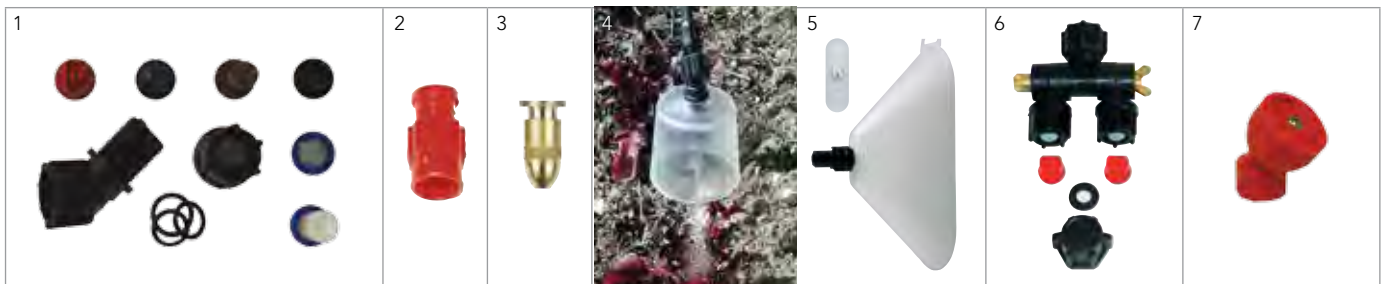
POS	WANDS	PART NO.	403	408	401	461	456	425	473 D	417
			404	409 453	402	462 463 453	457	425 D 425 LC	475	
1	Telescopic wand approx. 25 – 50 cm. Extension for the 401/402 manual sprayers for comfortable work low down or overhead.	49 00 628	-	-	●	-	-	-	-	-
2	Spray wand 50 cm. Universal spray wand made from special, durable plastic.	49 00 230 - P	-	○	-	●	●	●	●	●
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	Spray wand extension, flexible, 15 cm. Up to 180° flexibility for individual plant protection and cleaning work.	49 00 450	-	○	-	●	●	●	●	●
12	Flexible double spray head, 60 cm, for treating double rows.	49 00 411	-	○	-	●	●	●	●	●
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	Additional mounting kit, for fitting the aluminium spray boom on the back.	49 00 517	-	-	-	-	-	●	●	-
16	Univeral spray wand 70cm.	49 00 170 - N	-	●	-	●	●	●	●	-



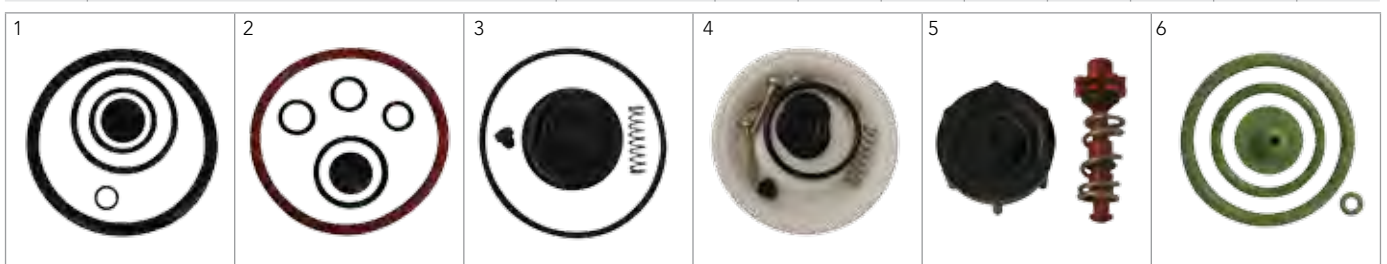
ACCESSORIES FOR PRESSURE AND BACKPACK SPRAYERS

●	Recommended	●	Suitable	○	Not recommended	-	Unsuitable / does not fit
---	-------------	---	----------	---	-----------------	---	---------------------------

POS	NOZZLES AND DRIFT GUARDS	PART NO.	403 404	408 409 453	401 402	461 462 463 453	456 457	425 425 D 425 LC	473 D 475	417
1	Complete nozzle set, comprising 3 nozzles. Universal application.	06 10 408 - P	-	●	-	●	●	●	●	●
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	Small drift guard for precise applications, e.g. when spraying fertiliser or tackling weeds.	49 00 128	-	●	-	●	●	●	●	●
5	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	-	●	-	●	●	●	●	●
6	Dual nozzle with nozzle set 2 swivelling nozzles for simultaneous spraying of two rows of plants. Versatile nozzle applications.	49 00 477	-	○	-	●	●	●	●	●
7	3 in 1 sprayer nozzle	40 74 666 - P	-	●	-	●	●	●	●	-



POS	SETS OF SEALS	PART NO.	403 404	408 409 453	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 00 403 - k	-	-	-	●	-	-	-	-
2	Set of seals, incl. all sealing parts for stated sprayer types.	49 00 405 - k	-	-	-	-	●	-	-	-
3	Set of seals, incl. all sealing parts for stated sprayer types.	06 10 407 - k	-	-	-	-	-	●	-	-
4	Set of seals, incl. all sealing parts for stated sprayer types.	06 10 406 - k	-	-	-	-	-	-	●	-
5	Hand peice repair kit	06 10 402 - k	-	-	-	●	●	●	●	-
6	O-Ring kit	O-RING KIT	-	●	-	-	-	-	-	-



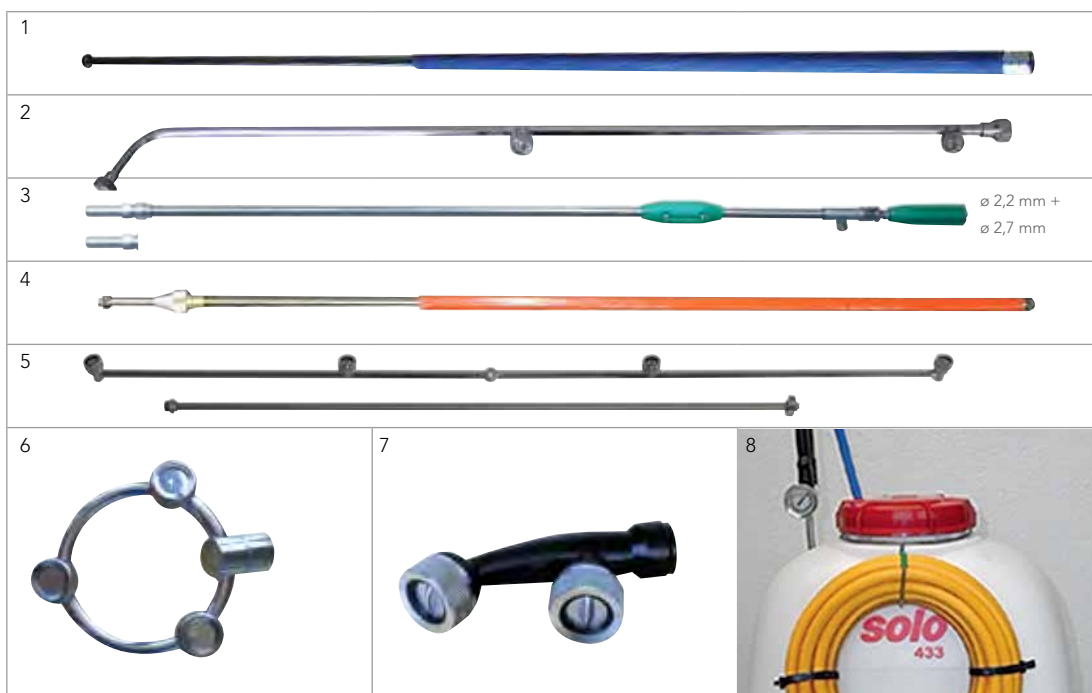
ACCESSORIES FOR PRESSURE AND BACKPACK SPRAYERS

●	Recommended	●	Suitable	○	Not recommended	-	Unsuitable / does not fit
---	-------------	---	----------	---	-----------------	---	---------------------------

POS	OTHER ACCESSORIES	PART NO.	403 404	408 409	401 402	461 462 463	456 457	425 425 D 425 LC	473 D 475	417
1	Manual valve set Manual valve with pressure gauge connection, childproof lock and regular use by professionals.	48 00 170 - P	-	○	-	●	●	●	●	●
2	Pressure gauge with connection fittings For spray pressure control. Precision application of spray medium with the required pressure.	49 00 356	-	○	-	●	●	●	●	●
3	Plant sprayer cleaner in a metering bottle, 500 ml	49 00 600	-	●	●	●	●	●	●	●
4	Charging cable for charging the battery outside the 417 battery-operated sprayer.	59 00 789	-	-	-	-	-	-	-	● ²
5	Heavy duty harness	43 00 343	-	-	-	-	-	●	●	-
6	Extra heavy duty harness	HD HARNESS	-	-	-	-	-	●	●	-



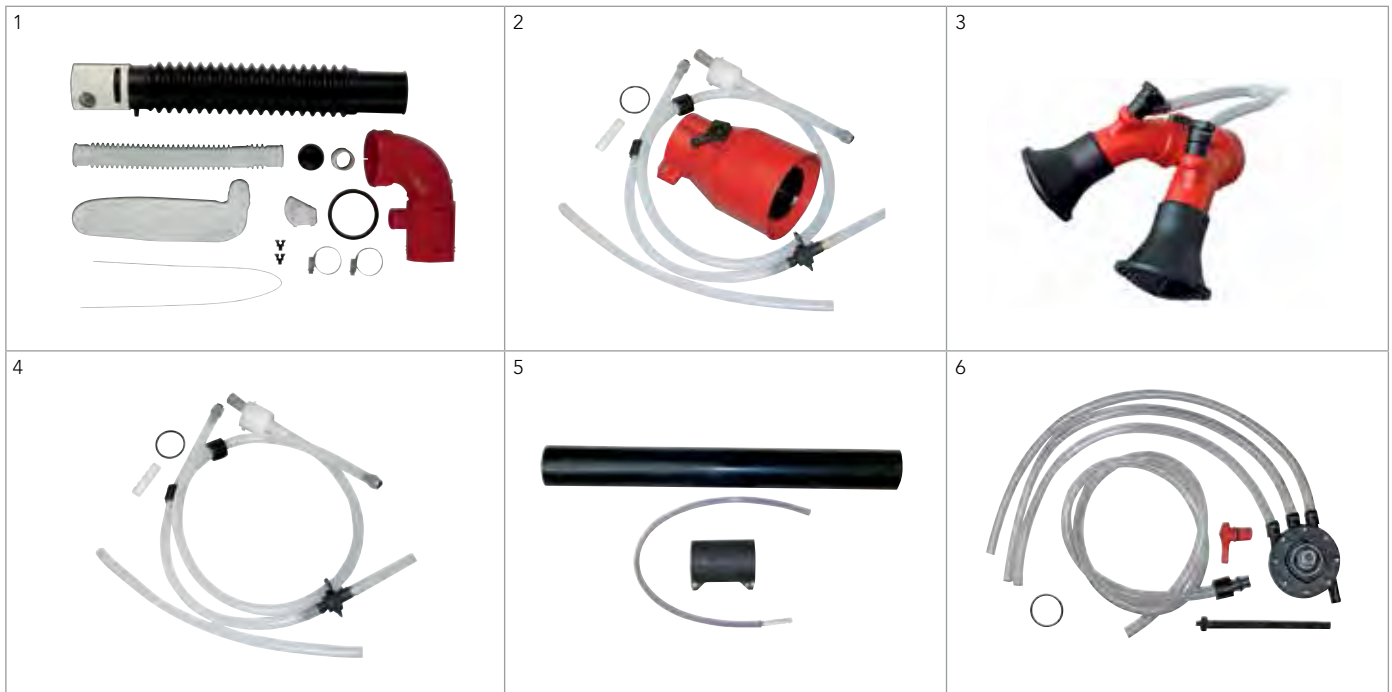
POS	DESCRIPTION	PART NO.	433
1	Extension wand, 120 cm	49 00 183	●
2	Triple nozzle wand, 60 cm	49 00 181	●
3	Spray wand, 120 cm, with changeover nozzle	49 00 185	●
4	Telescopic extension wand, 120 – 230 cm	49 00 189	●
5	Stainless steel spray boom 100 cm, with 4 nozzles + stainless steel spray wand 75 cm	49 00 300	●
6	Triple concentric nozzle	49 00 184	●
7	Dual Y nozzle	49 00 182	●
8	Extension hose 10 m, including retaining bracket V2A	49 00 191	●



ACCESSORIES FOR POWER MISTERS

●	Recommended	●	Suitable	○	Not recommended	-	Unsuitable / does not fit
---	-------------	---	----------	---	-----------------	---	---------------------------

POS	DESCRIPTION	PART NO.	423	451
1	Dusting attachment enables conversion to a dusting machine	49 00 233	●	-
2	ULV nozzle incl. dosing facility 4900169	49 00 479	●	●
3	Twin nozzle for extending the breadth of spray or for the simultaneous spraying of two rows of plants; additional push-on nozzles can be used in tight rows	49 00 137	●	●
4	ULV metering equipment Delivery of minute volumes of highly concentrated active agents (ultra low volume process) with high metering accuracy. With fine metering and micro filter	49 00 169	●	●
5	Extension wand 60 cm Multiples can be combined in conjunction with the liquid booster pump	49 00 333	●	●
6	Liquid booster pump Increased flow rate and reach with extension	44 00 117	●	-
		44 00 235	-	●



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.



- 1 Fitted with a large 3.7lpm, 100° fan nozzle for curing compounds
- 2 Supply up to 35% solid curing compounds and performs as efficiently as traditional steel sprayers at a fraction of the cost
- 3 Specifically for application of curing compounds and sealers associated with concrete application uses
- 4 Use with latex curing compounds, foam release agents, latex sealers, hardeners and form oils
- 5 Special nozzles and anti drip valve for optimal performance
- 6 Telfon hose
- 7 Specifically for application of acetone dye application and may also be used when applying other problem chemicals, like alcohol and ammonia
- 8 Use with acetone based dyes, alcohol and ammonia
- 9 Acid resistant, nylon reinforced hose for added durability
- 10 Specifically for application of cleaning masonry with Muriatic Acid and can be used for cleaning HVAC coils, or when applying acid based concrete stains, automotive wheel cleaners and phosphoric acid based cleaners
- 11 Use with aluminium & stainless steel cleaners. Note: Acceptable solution mix of up to 50 % Hydrofluoric Acid, 75% or less Sulfuric Acid and 20% or less Muriatic Acid
- 12 Pressure gauge for better control over foaming pressure
- 13 Brass wand for added durability
- 14 High volume sprayer specifically designed for use with foaming chemicals and "green" cleaning formulations that require additional dwell time
- 15 Detergent based degreasers, Sanitisers and Deodorants. Ideal for chemicals used in pest, mould, wall voids and overspray conditions

Concrete Curing

Acid

Acetone

Foaming



MODEL	407CI	487CI	462AS	456F
Pump Type	Piston	Piston	Piston	Piston
Capacity (L)	11	11	7	7.5
Spray pressure (bar)	3 (45 psi)	3 (45 psi)	3 (45 psi)	3 (45 psi)
Seals	Viton	EDPM	Viton	Viton
Dry Weight (kg)	2.5	3.1	1.5	2.8

Sample applications:

- Specialised use in
- Concrete
 - Janitorial/sanitisation
 - Pest control



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.

98 L Spot Sprayer

- 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



38 L Spot Sprayer

60 L Spot Sprayer



MODEL	38 L	60 L	98 L
Capacity (L)	38	60	98
Voltage (V)	12	12	12
Flow (LPM)	3.8	8.3	8.3
Pressure (KPa)	276	483	483
Horizontal Reach	7.6	9.1	9.1
Vertical Reach	4.2	5.7	5.7



The versatile, high-end NorthStar® Tow-Behind Boom Broadcast and Spot Sprayer gives you the ability to do both precision and wide-coverage spraying. Equipped with a commercial-grade NorthStar NSQ Series pump, it provides easier priming, exceptional durability and superior resistance to harsh environments and corrosive chemicals. The completely redesigned, over-sized tank is secured to a heavy-duty 100% steel cart that handles the roughest terrain. A retractable tow-bar, foldable boom arms and removable axle and wheels allow for ultra-compact storage. Volume marks are moulded into the tank for easy fluid level monitoring. Tow behind your ATV or lawn/garden tractor.

- 12V NorthStar NSQ Series™ on-demand pump provides faster priming and longer life
- 100% continuous duty rating
- Honeywell MICRO SWITCH™ for enhanced durability and efficiency
- Santoprene™ diaphragm and Viton® valves for superior reliability and chemical resistance
- Large-capacity proprietary tank design features extra-thick walls that are UV-resistant and compatible with virtually all pesticides
- Boom arms fold up for easy storage
- 1m boom width with 3m overall broadcast width
- Spring-loaded, breakaway boom arms fold away for compact storage
- Left and right boom nozzle control valves
- Control system pressure and fluid agitation with regulator and pressure gauge
- Approved for use with Roundup® agricultural herbicide
- Spot spray gun nozzle adjusts from cone to stream; shoots 5.7m vertically and 9.1m. horizontally
- 4.5m clear PVC hose makes monitoring chemical flow simple
- Rugged powder-coated steel cart with large 30cm pneumatic wheels
- 19cm diameter tank lid for easy fills
- Easy empty tank with bottom drain
- Includes pressure gauge and remote switch with battery clips
- Attaches to ATV or garden tractor

Tow Behind Sprayer



- 1 Large fill neck for easy filling
- 2 NorthStar Series on-demand pump provides faster priming and longer life
- 3 Retractable tow bar for convenient storage
- 4 Complete control of left and right nozzles for maximum efficiency
- 5 Pneumatic wheels for easy towing
- 6 Tank is UV resistant and compatible with almost all pesticide

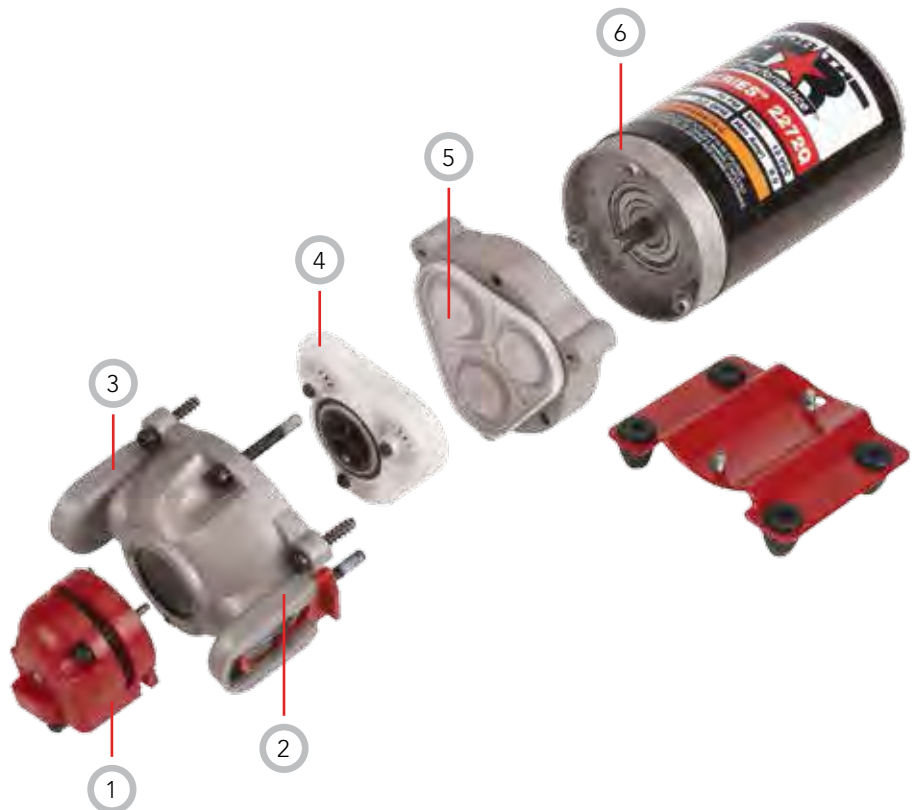
MODEL	49 L	79 L	117 L
Capacity (L)	49	79	117
Voltage (V)	12	12	12
Flow (LPM)	3.8	8.3	8.3
Pressure (KPa)	276	483	483
Horizontal Reach (m)	6	9.1	9.1
Vertical Reach (m)	3.6	5.7	5.7
Effective Broadcast Width (m)	1	2	2
Overall Broadcast Width (m)	2	3	3



- 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

12 V Diaphragm Pumps



MODEL	1042Q	2272Q	3062Q	4062Q	5562Q	7062Q
Flow rate (max)	3.8	8.3	11.3	15.1	20.8	26.5
Pressure (max)	276	483	414	414	414	414
Max Amps	4.0	8.0	10.0	13.0	17.0	23.0



Super McProper Plus

360° trigger sprayer specially resistant to mineral oil based solvents and multifunctional oils (eg. WD-40, CRC etc)

- Tank 0.5 litres, impact resistant, transparent white
- Measurement scale 100 ml
- Special suction system permits to spray in any position - 360°
- Piston pressure up to 15 bar

Spray-Matic 1.25 N

High quality hand compression sprayer with brass nozzle specially resistant to mineral oil based solvents & multifunctional oils (eg. WD-40, CRC etc)

- Polyamide sprayer head to resist chemical attack
- Chemical resistant FPM Viton gaskets
- Safety valve for expansion relief
- Open handle allowing easy use with glove
- Adjustable and inclinable brass nozzle

Super Maxi 1.0

Most resistant sprayer for brake cleaners and aggressive solvents on the Australian market. Resistant against raw Petrol (Petroleum, Toloul, Xylol, etc.), Ketone (Acetone, etc), Alcohol (Methanol, Propanol, etc.), and its mixtures (Eg Brake Cleaner). More resistant than Viton and EPDM sealing.

- Specially solvent resistant gasket (BMS 2010)
- Special adjustable nozzle \varnothing 0.8 mm
- Powerful nickel plated brass piston pump giving up to 12 bar pressure
- Robust tank 1.0 litre, transparent with filling level indicator and easy grip

Black Birchmeier range for mineral oil based solvents and releasing agents. For mineral oil based products, form oil, lubricants and degreasing agents. Specially suitable also for car and truck cleaning (Disc and drum brakes), engine and metal cleaning. Used in: automotive, engineering and metal coating industries, for cleaning chassis, sealing engines, maintenance of tools, protection against corrosion, treatment of surfaces.

MODEL	SUPER MCPPROPER PLUS	SPRAYMATIC 1.25N	SUPER MAXI 1.0
Capacity	0.5	1.25	1.0
Pressure	15 bar	2 bar	12 bar
Seals	-	FPM Viton	BMS 2010
Head Material	Plastic	Polyamide	Polyamide
Nozzle	Plastic	Brass	Nickel Plated Brass

Sample applications:

- Automotive
- Engineering and Metal Coating Industries



McProper Plus P

- Tank 0.5 litres, impact resistant, transparent white
- Measurement scale 100 ml
- Special suction system permits to spray in any position - 360°
- Piston pressure up to 15 bar



Clean-Matic 1.25 P

- Safety valve and lockable push-button
- Ergonomic and efficient hand pump
- Fanjet nozzle made of plastic with stainless steel insert



Foam-Matic 1.25 P

- Powerful hand pump with ergonomic handle and spray button
- Special foam nozzle for production of dry foam. Excellent hang time (contact)
- Safety valve, lockable push-button and large filling opening



Rondo-Matic 5 P

- 3 bar operating pressure and 2 litres pressure space
- Safety valve
- Ergonomic and powerful pump with stainless steel pump rod and sleeve guidance
- Compressed air connection valve



Foam-Matic 5 P

- Special short foam gun for production of dry foam. Excellent hang time (contact)
- High quality and high performance hand pump with two hand grip
- Pump with stainless steel rod and sleeve guidance
- Compressed air connection valve
- Safety valve

Specially designed sprayer range to handle products that are acidic, FPM viton seals stainless steel wands and nozzle inserts, PVC hose, Polyethylene containers and polypropylene pumps are used to ensure long service life. This is the premium product on the Australian market. Used for professional cleaning and disinfection.

ACID	P VERSION
Nitric Acid	●●●
Hydrochloric Acid	●●●
Phosphoric Acid	●●●
Sulphuric Acid	●●●
ALKALIS	
Sodium Hypochlorite (Javel)	●●●
Calcium Hydroxide	●●●

MODEL	MCPROPER PLUS P	CLEAN-MATIC 1.25 P	FOAM-MATIC 1.25 P	RONDO-MATIC 5 P	FOAM-MATIC 5 P
Capacity	0.5L	1.25L	1.25L	5L	5L
Seals	-	FPM Viton	FPM Viton	FPM Viton	FPM Viton
Nozzle	Plastic	SS Insert	SS Insert	SS Insert	SS Insert
Spray	Liquid	Liquid	Foam	Liquid	Foam



McProper Plus E

- Tank 0.5 litres, impact resistant, transparent white
- Measurement scale 100 ml
- Special suction system permits to spray in any position - 360°
- Piston pressure up to 15 bar



Clean-Matic 1.25 E

- Safety valve and lockable push-button
- Ergonomic and efficient hand pump
- Fanjet nozzle made of plastic with stainless steel insert



Foam-Matic 1.25 E

- Powerful hand pump with ergonomic handle and spray button
- Special foam nozzle for production of dry foam. Excellent hang time (contact)
- Safety valve, lockable push-button and large filling opening



Rondo-Matic 5 E

- 3 bar operating pressure and 2 litres pressure space
- Safety valve
- Ergonomic and powerful pump with stainless steel pump rod and sleeve guidance
- Compressed air connection valve



Foam-Matic 5 E

- Special short foam gun for production of dry foam. Excellent hang time (contact)
- High quality and high performance hand pump with two hand grip
- Pump with stainless steel rod and sleeve guidance
- Compressed air connection valve
- Safety valve

Premium quality compression sprayer for spraying and foaming for professional cleaning and disinfection. Designed to handle alkaline products. EPDM seals, stainless steel wands and nozzle inserts, polyethylene containers and polypropylene pumps are used to ensure long service life.

ALKALIS	E VERSION
Sodium Hydroxide	●●●
Kalium Hydroxide	●●●
Ammonium Hydroxide	●●●
Calcium Hydroxide	●●●
ACID	
Phosphoric Acid	●●●
Acetic Acid	●●●

MODEL	MCPROPER PLUS E	CLEAN-MATIC 1.25 E	FOAM-MATIC 1.25 E	RONDO-MATIC 5 E	FOAM-MATIC 5 E
Capacity	0.5L	1.25L	1.25L	5L	5L
Seals	-	EPDM	EPDM	EPDM	EPDM
Nozzle	Plastic	SS Insert	SS Insert	SS Insert	SS Insert
Spray	Liquid	Liquid	Foam	Liquid	Foam

MORE CLAYTON ENGINEERING PRODUCTS...



- 40V Battery Garden Products
- Petrol & Diesel Generators
- 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
- Water Filtration



- Lake & Pond Remediation
- Odour & Septicity Control
- Biological Remediation



Brisbane: 26 French Ave
Brendale QLD 4500

Melbourne: 24 Healey Rd
Dandenong South VIC 3175

Perth: 63 McDonald Cres
Bassendean WA 6054

FREECALL 1300 798 022 **F** +61 7 3881 2780

E sales@claytonengineering.com.au claytonengineering.com.au

CLAYTON ENGINEERING