

solo[®]

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



PLANT PROTECTION AND LANDSCAPE MANAGEMENT
Sprayers. Misters. Granulate spreaders.

SOLO – Pioneers of mobile plant protection technology



development stage, always with a clear, solution-oriented focus on the benefits for you as the user. How can our appliances make your work easier, more efficient and more economical with resources? These are the thoughts that formed the basis for the world's first backpack power mister as long ago as 1950. It was a minor revolution in the vineyards around Stuttgart, and a little later in plantations and nurseries all over the world.

The first customers to use this new generation of tools were impressed by how much easier their work became. This innovation finally made it possible for someone to work on their own, that is to say "solo". This is how the brand name of our family business came into being.

SOLO sprayers, misters, granulate spreaders and cut-off machines are also the better choice because of their high quality – Made in Germany – and their resulting durability. SOLO products from the 1950s and 1960s are still in use today. We therefore commit ourselves each and every day to ensuring that our mobile spraying and misting technology for plant protection, cleaning and disinfection enjoys the best of reputations all around the world: be it in German gardens, the vineyards of France, cocoa plantations in Africa, cotton fields in Asia, coffee plantations in South America, or disinfection operations in large buildings.



To meet these diverse requirements, the product range from SOLO provides everything you might need – from small, manually operated 1-litre sprayers, to a large selection of battery-operated sprayers, to high performance backpack misters with large tanks and powerful two-stroke engines. An extensive range of accessories adds to the versatility of our plant protection appliances.

SOLO products are the better choice not least because of their attractive price/performance ratio.

In addition to proven plant protection sprayers, our latest catalogue offers a host of new and revised products for the forthcoming season. You are sure to find the right SOLO appliance in our extensive range.

Andreas Emmerich & Sascha Luft

Andreas Emmerich & Sascha Luft – Managing Directors of SOLO Kleinmotoren GmbH



The better choice – since 1948. This is not a hollow phrase for us; it conveys the philosophy to which our company has been firmly committed for over 75 years.

SOLO products have always been the better choice for many reasons. It begins at the

Four tips to help you choose the right product

- 1 Pressure sprayer or backpack sprayer?**
 The answer to this question often depends on the size of the area to be treated. If it's on the small side, a pressure sprayer with shoulder strap will suffice. For larger areas, backpack sprayers are more suitable as they are comfortable to carry and have a larger capacity. All that is left to decide is whether you want to operate the pump manually or let a battery or petrol driven unit do the pumping for you.
- 2 Tall plants?**
 If you need to treat tall plants, you should use extension wands. They will help you reach the right places and apply the medium more accurately. As well as being made of plastic material, spray wands are also available in robust brass or ultra-light carbon. The telescopic carbon spray wand, which can be extended up to 230 cm, weighs just 160 g. This protects the operator's joints even during longer working periods.
- 3 Liquid or solid?**
 All SOLO sprayers are designed for applying liquid media. However, the nozzles vary depending on the application: flat spray nozzles for treating large areas, hollow cone nozzles for individual plants with insecticides or fungicides. Herbicides are best applied with deflector nozzles. With solid granulate, SOLO 421 is the product of choice. It distributes the granules evenly over the required area – and can also be used in winter to spread gritting salt on pathways.
- 4 When to use a mister rather than a sprayer?**
 In large scale agricultural plantings, orchards, horticulture, vineyards and in many other cultivated plant stocks around the world, it is crucial for the media to successfully reach and penetrate the crops. SOLO power misters are designed to precisely fit that purpose. They generate a powerful air flow that converts the plant protection spray medium into a fine mist to effectively cover all the required parts of the plant.

Classic, Comfort or Pro...

SOLO CLASSIC SOLO COMFORT SOLO PRO

Whether you're an occasional user, a discerning private user or a professional, you're guaranteed to find the right product to suit your requirements in one of our three equipment lines.

It goes without saying that our CLASSIC sprayers are also of the same high quality you would expect from all SOLO products. The differences are found in the equipment features and ease of use. All backpack sprayers in the COMFORT series and above are fitted as standard with FKM seals ("Viton®") in all the crucial places. Moreover, the PRO backpack sprayers feature a lightweight, telescopic spray wand and are especially comfortable to wear, preventing tiredness even after prolonged periods of use.

Battery-operated sprayers in various performance categories, a power sprayer and two power misters are lightweight and offer powerful output. Whether they use electric motors or durable 2-stroke SOLO engines, these tools combine high levels of performance and top quality. In addition to sprayers and misters, the PRO series also features the 421 granulate spreader.

SOLO – the right choice for any application

Sample applications for SOLO sprayers and misters		201	211	201 C	461	256	410/424	425	475	425	206	423
		202	212	202 C	462	257	425/435	Comfort	Comfort	PRO	216	466
		260				258	473 D/475 Classic				411/441	
Plant protection	Plants on balconies and patios	●		●								
	Private gardens, decorative plants, shrubs	●	●	●	●	●	●	●	●			
	Large private gardens, decorative plants, shrubs, plantings				●	●	●	●	●	●	●	
	Professional horticulture and landscaping, greenhouses					●	●	●	●	●	●	
	Espaliered trees, trees						●	●	●	●	●	●
	High trees											●
	Weed control		●		●	●	●	●	●	●	●	
	Agricultural crops in general							●	●	●	●	●
Agriculture	Large scale plantings, such as orchards, vineyards, plantations and horticultural operations											●
	Plant protection					●		●	●	●		●
	Disinfection											●
	Pest control											●
Woodland maintenance	Plant care								●	●	●	
	Protection against game attack								●	●		

*With suitable accessories



Are you looking for a sprayer or foam sprayer that is specially designed for cleaning agents and disinfectants? Then ask about our **CLEANLine** sprayers.

Where can you find what you need in this catalogue?

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MANUAL SPRAYERS

Manual sprayers are an inexpensive and indispensable aid for a variety of applications around the home. Plants on balconies and patios, and of course decorative indoor plants too, are easy to look after with these compact devices.

Robust pumps reach the required operating pressure after just a few strokes. Once the pressure is reached, you can apply almost the entire content without additional pumping. The integral pressure valve protects the appliance against excess pressure build-up.

The high quality hollow cone nozzle is fully adjustable – from a direct jet to fine mist. The robust containers have a large filling aperture to prevent spills when being filled and emptied. Their stable base stops them overturning when full.

The models of the 2 series are characterised by a highly efficient pump that builds up the full operating pressure – a powerful 3 bar – in just a few strokes. With their non-slip and ergonomically designed handle, they set a real benchmark, fitting optimally in the hand without causing fatigue.

On the 201 C and 202 C models, as well as the 401 and 402, the adjustable nozzle can be swivelled. Practical for treating the underside of leaves or other hard to reach areas.

No pumping is required at all with the new, convenient and smart SOLO 260 battery-operated sprayer.

The permanently installed battery can be quickly recharged via USB cable and when fully charged, is easily sufficient for several container fillings.



MANUAL SPRAYERS



01 New, adjustable and 180° pivoting (C models, 401/402) universal nozzle with significantly improved spray pattern

02 Automatic pressure valve, can be manually operated for pressure reduction

03 Pump head with slot to insert contents identification card

04 Large, highly efficient and fully sealed pump unit with sturdy pump handle

05 Comfortable trigger with thumb lock for continuous spray function

06 Greater reach and better access, e.g. to the underside of leaves, thanks to accessories (see page 7)

07 High quality seals

08 Highly robust container made of UV-resistant plastic with large filling and cleaning aperture and integrated level scale. The base provides stability and prevents overturning

09 Restyled handle: highly ergonomic operation thanks to special and very comfortable handle design

MANUAL SPRAYERS

SOLO 260

Forget manual pumping! Practical and inexpensive **battery-operated sprayer** incl. USB charging cable with 1 l nominal capacity and 2 bar pressure. For plant protection and care inside the house, on patios, balconies or in conservatories.

1 l, 2 bar, 0.3 kg
Part no. 26001



USB NEW

SOLO 201

Inexpensive manual pressure sprayer that doesn't compromise on pump efficiency and handling. 1.25 l container with large filling aperture. For plant protection and care inside the house, on patios, balconies or in conservatories.

1.25 l, 3 bar, 0.45 kg
Part no. 20101



SOLO 202

As per SOLO 201, but with nominal capacity of 2 l.

2.0 l, 3 bar, 0.5 kg
Part no. 20201

SOLO 201 C

In addition to the new pump technology and optimum handle ergonomics, the 201 C also comes with the new universal nozzle that can be pivoted through 180° to easily treat the underside of leaves, for example.

1.25 l, 3.0 bar, 0.46 kg
Part no. 20102



SOLO 202 C

As per SOLO 201 C, but with nominal capacity of 2 l.

2 l, 3 bar, 0.51 kg
Part no. 20202



Recommended accessories

Short wand with swivelling head

With the short spray wand, parts of the plant that are more difficult to reach, e.g. dense foliage or applications near ground level, are made more accessible. The swivelling nozzle, which can be used either on its own or in combination with the short spray wand, also allows the underside of leaves to be specifically targeted.

For 201/202 (also pressure and backpack sprayers)
Part no. 49630

Telescopic wand

To increase reach and treat hard-to-reach parts of the plant. The telescopic spray wand can also be combined with SOLO drift guards and other nozzles, especially when applying herbicide.

For 201/202
Part no. 49629



SOLO 401

Robust manual pressure sprayer for semi-professional activities. Equipped with high quality FKM seals ("Viton®"). The pivoting universal nozzle with drift guard enables a wider application range.

1 l, 2.5 bar, 0.4 kg
Part no. 40101



SOLO 402

As per SOLO 401, but with nominal capacity of 2 l.

2 l, 2.5 bar, 0.5 kg
Part no. 40201



Greater reach:

For the two manual sprayers in the Comfort line, SOLO 401 and 402, a practical accessory is available in the form of a telescopic wand (49628), which can be extended from 25 to 50 cm as required. The telescopic function improves access to parts of plants that are further away or otherwise hard to reach. For example, the nozzle head can be pivoted through 180°, making it convenient and effective to treat the underside of affected leaves.

PRESSURE SPRAYERS

SOLO pressure sprayers with shoulder strap have long been popular and reliable aids in private gardens or for landscape gardeners. They do not take up much storage space and are ready for immediate use whenever required. Various container volumes are available, depending on the size of the garden. The 5-litre model is the most popular for garden applications. For larger areas, seven or eleven litres may be preferable.

The intensity of use also plays an important role, of course. Occasional users have the choice between the 211 and 212 entry level models with their highly efficient pump, and the tried and trusted 461 or 462 classic models from the Comfort line.

Over rugged terrain and for professional application, such as in the horticulture and landscaping sector or agriculture and forestry, we recommend the 256, 257 or 258 professional pressure sprayers. The containers are some of the most robust on the market. An accidental tumble or similar tough tests are no problem for these professional pressure sprayers.

With resistance to UV rays, the transparent containers are all set for a long service life.

A wide range of accessories, such as extension wands, drift guards and different nozzles for a variety of applications make the SOLO pressure sprayers even more versatile to use.





- 01 High quality nozzles (211/212 adjustable universal nozzle)
- 02 Flexible spray wand for the toughest mechanical applications
- 03 Spray wand retainer; two clips for the 256-258: for plastic and brass spray wands
- 04 Removable top section with large aperture to facilitate filling, draining and cleaning
- 05 Safety pressure valve automatically compensates in the case of excess pressure inside the tank
- 06 Long, broad, practical strap
- 07 High capacity piston pump – operating pressure achieved after just a few pump strokes
- 08 Sturdy reinforced hose with ergonomic handle
- 09 Transparent pressure sprayer tank for good visibility of the spray medium level, made from polyethylene with UV resistance

SOLO 211

The entry level generation is not only impressive in terms of price. Apart from the lightweight 5 l tank, the 50 cm plastic spray wand and the new, adjustable universal nozzle, it is particularly impressive on the inside. The new, high volume piston pump generates the full operating pressure of 3 bar in just a few strokes. Suitable for occasional use in small private gardens.
Piston pump, 5 l, 1.2 kg, 3 bar
Part no. 21101



SOLO 212

As per SOLO 211, but with nominal capacity of 7 l.
Piston pump, 7 l, 1.5 kg, 3 bar
Part no. 21201



SOLO 461

An indispensable aid in many private gardens for plant protection, weed control and applying insecticide. Stable 5 l tank, 50 cm spray wand and SOLO flat spray and hollow cone nozzle.
Piston pump, 5 l, 1.5 kg, 3 bar
Part no. 46101



Practical compartment to store nozzles



SOLO 462

As per SOLO 461, but with nominal capacity of 7 l.
Piston pump, 7 l, 1.7 kg, 3 bar
Part no. 46201



SOLO 256

The premium model amongst professional pressure sprayers, with top performance for tough, continuous use. Extremely stable 5 l tank, unbreakable 50 cm plastic spray wand and SOLO flat spray and hollow cone nozzle.
Piston pump, 5 l, 2.0 kg, 3 bar
Part no. 25601



Optional accessories: compressed air supply valve to build pressure without having to pump manually.
Part no. 49590

SOLO 257

As per SOLO 256, but with nominal capacity of 7 l.
Piston pump, 7 l, 2.2 kg, 3 bar
Part no. 25701



SOLO 258

As per SOLO 256, but with nominal capacity of 11 l and stable base
Piston pump, 11 l, 2.9 kg, 3 bar
Part no. 25801



Accessories: Practical wheel set, comprising large, high traction wheels incl. axle and a handle for easy tilting and movement.
Part no. 49211



New name – same quality – identical to 456/457/458

BACKPACK SPRAYERS

When it comes to plastic backpack sprayers, we have decades of experience, having started producing full plastic sprayers back in 1960.

The lightness of the material on the one hand and its durability on the other are just two good reasons to choose SOLO backpack sprayers.

Starting with the Comfort models, the backpack sprayers are also equipped with highly resistant FKM seals ("Viton®") for applying aggressive liquids. There are four pressure settings so you can apply precise quantities.

The new SOLO 410 continues the concept of the internally located pump and makes it available in a compact 10-litre version.

With abrasive fluids, the 473 D and 475 sprayer models with diaphragm pump are the ideal choice. The special Tivilon® diaphragm in their pumps is highly resistant.

With either piston or diaphragm, the pumps in the SOLO backpack sprayers are some of the most effortless and efficient on the market. Longer operating times are therefore simple to achieve, thanks also to the exceptional straps, inspired by the outdoor sports sector on the 425 PRO models. Comfortable and padded, they can be adjusted in various ways for a perfect fit – also available as accessories.

The UV-resistant tanks come in four sizes: 10, 15, 16 or 20 litres. They are translucent so the fill level is easily visible. The tank is filled and drained through a large filler neck.

For convenient transport, the Comfort and Pro models with 15-litre tank feature a carrying handle with built-in spray wand retainer.

See page 30 onwards for our extensive range of accessories. These can be used to further extend the application options of these highly resilient sprayers.





- 01 Impressive spray performance; two nozzles supplied as standard
- 02 Folding pump lever (Comfort/Pro), individual pump lever mounting for right/left-handed users
- 03 Wide, comfortably padded straps with strain relief; Pro models with special backpack carrying system
- 04 Large filling and cleaning aperture
- 05 Carrying handle with spray wand retainer (Comfort/Pro)
- 06 Ergonomic tank design:
 - High quality plastic resistant to UV rays
 - Non-pressurised tank with separate air chamber
 - Fill level markings
 - Low inherent weight
 - Clearly visible spray medium level
- 07 Resistant FKM seals ("Viton®") for all permissible spray liquids (Comfort/Pro)
- 08 High grip manual valve with pressure gauge connection for precisely metered spray volume
- 09 Long reinforced hose for extended reach
- 10 Effective, smooth-running pump 4 manual spray pressure settings (Comfort/Pro)
- 11 Stable tank frame

SOLO 410

The new SOLO 410 is a compact, ergonomic 10 l backpack sprayer with internally located pump that boasts all the benefits of its "big sister", the NOVA 424.
 10 l, 4.7 kg, 4 bar
 Part no. 41001



NEW

SOLO 435 CLASSIC

Identical to 425 CLASSIC, but with nominal capacity of 20 l.
 Piston pump, 20 l, 5.0 kg
 Part no. 43521



SOLO 425 COMFORT

Better equipped for greater comfort: fully adjustable pump lever for ergonomic operation and practical carrying handle with integral spray wand retainer. In addition, the pressure can be switched to one of four settings.
 Piston pump, 15 l, 4.5 kg
 Part no. 42531



SOLO NOVA 424

Inexpensive. Practical. Unique. Sophisticated. Four attributes that best describe the SOLO NOVA 424 backpack sprayer. Pump lever can be fitted on the right or left side.
 16 l, 5.1 kg, 4 bar
 Part no. 42422



SOLO 473 D CLASSIC

Sprayer with nominal capacity of 10 l and diaphragm pump for applying abrasive fluids. Pump lever can be fitted on the right or left side.
 Diaphragm pump, 10 l, 4.2 kg
 Part no. 47321



SOLO 475 COMFORT

The diaphragm pump model is generally used in conjunction with relatively viscous herbicides in the low pressure range.
 Diaphragm pump, 15 l, 4.7 kg
 Part no. 47531



SOLO 425 CLASSIC

A true all-rounder, proven millions of times over, for plant protection applications. Simple, easy to service and robust design. Pump lever can be fitted on the right or left side.
 Piston pump, 15 l, 4.4 kg
 Part no. 42521



SOLO 475 CLASSIC

A classic with nominal capacity of 15 l and diaphragm pump. For abrasive fluids.
 Diaphragm pump, 15 l, 4.6 kg
 Part no. 47521



SOLO 425 PRO

The ultimate backpack sprayer. Professional carrying system, telescopic spray wand with high quality brass nozzles and pressure gauge are standard features with this model.
 Piston pump, 15 l, 5.2 kg
 Part no. 42541



BATTERY-OPERATED SPRAYERS

The battery-operated sprayers from SOLO are whisper-quiet and free of emissions. With their powerful electric drives, they are the ideal choice when it comes to plant protection in enclosed spaces with large areas requiring treatment. Efficient working practices and high performance are called for in conservatories and greenhouses, too. Of course, these battery-operated sprayers also perform well outdoors. With one press of the Power button, the powerful pump is barely noticeable but for a quiet humming sound.

Alongside the very compact 6-litre EAZY 206 sprayer (see next page), **the SOLO 411 marks the new entry into the battery-operated range. With a 10-litre tank, it is the small, compact, backpack model – light and ideal for smaller areas.**

The SOLO 441 is the right choice for occasional work in the garden or in enclosed spaces. The powerful 442 extends the concept of the 441 with further interesting features, such as 4 electronic pressure settings from 1-4 bar and an 18 V rechargeable lithium-ion battery system. With the SOLO 417, users have two power settings at their disposal, which regulate the pressure range of the powerful 12 V pump to up to 4.3 bar. The standard pressure gauge helps you apply the correct quantity. Sound emissions hardly become any more audible even at the higher power level. This ensures a pleasant working environment without the need for ear protectors. When the battery runs out, it can be quickly recharged inside the appliance.





- 01 Two settings (417) or four settings (442) for pressure and spray volume
- 02 Large filling and cleaning aperture
- 03 Seals resistant to all approved spray liquids
- 04 Ergonomically shaped tank made of UV-resistant plastic with moulded carrying handle and integrated level scale
- 05 Professional nozzles for every application
- 06 Practically unbreakable plastic spray wand
- 07 Powerful, maintenance-free lithium-ion battery with high quality brand-name cells and external charger (model 417: lead gel battery)
- 08 Comfortable carrying system with chest strap (442)
- 09 Robust manual valve
- 10 1.3 m resilient, reinforced hose
- 11 Robust electric pump in impact-resistant enclosure; adjustable pressure and spray volume (442)

SOLO EAZY 206

With its 6-litre tank capacity, the SOLO EAZY 206 can be held in the hand using the ergonomically shaped handle, carried on the shoulder with the wide, adjustable strap that is included, or simply placed on the floor. The spiral sprayer gives the operator of this small, compact sprayer sufficient freedom of movement and reach despite its modest dimensions. Depending on the application, the adjustable universal nozzle can be twisted to change the spray pattern.

This robust, lightweight product is equipped with a rechargeable lithium-ion battery that provides up to 170 minutes of continuous operation and can be recharged in just two hours.

Lithium-ion battery
11.1 V/2.5 Ah
6 l, 2.2 kg
Part no. 20601



SOLO 411

With the new 411 and its 10 l tank, SOLO offers one of the lightest and most compact battery-operated backpack sprayers.

As with the 441, the standard scope of delivery includes a rechargeable lithium-ion battery for up to 170 minutes of continuous operation and just two hours' charging time. The pump generates a constant operating pressure of 2.5 bar.

Lithium-ion battery
11.1 V/2.5 Ah,
10 l, 3.6 kg
Part no. 41101



SOLO 441

The entry level model for battery-operated plant protection equipment.

The dry weight is a mere 3.7 kg. Rechargeable lithium-ion battery for up to 170 minutes of continuous operation and just two hours' charging time. The powerful and durable electric pump delivers 2.5 bar operating pressure. The 16 l tank and base are designed to suit the anatomy of the human spine.

Lithium-ion battery
11.1 V/2.5 Ah,
16 l, 3.8 kg
Part no. 44101



SOLO 442

With the powerful 18 V rechargeable battery you can work for up to 5 hours. The supplied charger ensures the battery is full in just a fraction over an hour. For even longer working periods and shorter charging times, an express charger and a 5.0 Ah battery are available as accessories (see page 35).

The pump pressure can be set to one of four settings from 1 bar to 4 bar via a soft user interface, which also shows the battery charge level. The ergonomically formed 16-litre tank, together with the adjustable, padded carrying system, ensures fatigue-free operation also over long periods of use.

Lithium-ion battery
18 V/2.5 Ah
16 l, 4.5 kg, 1-4 bar
Part no. 44201



Waist belt as an accessory for even greater wearer comfort
Part no. 49598



SOLO 417

The powerful lead gel battery in the SOLO 417 provides up to 3.7 hours of operation and takes 8 hours to recharge. The lightweight, transparent plastic tank can hold 18 l. A 50 cm plastic spray wand with high quality nozzle are included as standard.

Lead gel battery
12 V/7.2 Ah,
18 l, 7.6 kg
Part no. 41701



Expand your application options with matching accessories from SOLO

Reach tall plants with ease using a longer spray wand – available in plastic, brass or even ultra-lightweight carbon versions. The latter has a reach of up to 230 cm. Choosing the right nozzle is also important. The flat spray nozzle is the first choice for treating large areas, whereas herbicide can be applied with pinpoint accuracy using deflector or full cone nozzles, plus drift guards to prevent the media drifting into adjacent areas. Detailed descriptions of SOLO's comprehensive range of accessories can be found from page 30 onwards.





BATTERY-OPERATED TROLLEY EAZY-ROLL 216

Wouldn't you like to be able to wheel your sprayer comfortably around the garden, even with a completely full tank? This is no longer a problem with the new SOLO 216 EAZY-ROLL. Thanks to its large, very stable 7" wheels with bearings, it rolls smoothly and easily negotiates steps and slopes. The trolley is steered with the robust, aluminium ergonomic handle, which can be locked at the press of a button

The 16-litre tank capacity allows larger areas to be treated without refilling. The necessary power is provided by the efficient and durable 2.5 bar built-in pump. The rechargeable lithium-ion battery ensures up to 170 minutes of continuous operation and is ready to go again after just two hours' charging time.

With the telescopic handle retracted and the spray wand clipped into the retainer at the back, the SOLO 216 EAZY-ROLL can be neatly stowed away despite its large volume.



- 01 Large filling and cleaning aperture
- 02 Sturdy telescopic handle
- 03 Centrally located, enclosed electric pump. Simple battery removal and easily accessible, protected control switch
- 04 50 cm plastic spray wand with new, adjustable universal nozzle
- 05 Charger and lithium-ion battery included
- 06 Large, all-terrain wheels and stable, secure base
- 07 Practical spiral hose for long reach, e.g. when the container is placed on the ground
- 08 Compact overall dimensions
- 09 Robust manual valve
- 10 Integrated spray wand retainer

Lithium-ion battery 11.1 V/2.5 Ah
16 l, 4.9 kg, 2.5 bar
Part no. 21601



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

SOLO misters are now even more ergonomic and efficient thanks to the extremely comfortable, highly resilient plastic support frame with ergonomic design, the integrated carrying handle, the tank with its enlarged capacity of either 14 or 18 litres (i.e. 2 or 3 litres more than before), and a much larger filling and cleaning aperture.

Other outstanding characteristic features: Impressive spray performance and light weight are typical qualities of misters from SOLO that make them the economical and environmentally responsible choice for the protection of crops and plantings all around the world.

The distinctive SOLO robustness and ease of handling are a continuing feature. After all, it is thanks to all these benefits that our misters have been helping to bring about high-yield harvests across the globe for many years.

In this, advanced engine technology from SOLO ensures low fuel consumption, reduced exhaust gas emissions and high performance over long periods – even under adverse warm conditions.

In addition to plant protection, these misters can also be used for disinfection and pest control in the fields of logistics, agriculture and animal husbandry.

The range of accessories (see page 35) makes SOLO misters even more versatile: a liquid booster pump ensures uniform application when spraying upwards and when using longer spray wands. The practical twin nozzle allows the treatment of two rows at the same time. The new ULV nozzle produces droplet sizes of less than 50 µm and is ideal for the control of disease-carrying insects.





- 01 Large filling and cleaning aperture with stainless steel strainer
- 02 Extended reach through high air expulsion velocity and optimised nozzles
- 03 High volume tank made from UV-resistant plastic. Fill level always readable through translucent tank wall
- 04 Ergonomically designed control for throttle, spray volume and start/stop
- 05 Large petrol tank together with a frugal 2-stroke SOLO engine ensure long working cycles
- 06 The new evolution support frame. Comfortable, ergonomically shaped backpack frame with padded straps, integrated carrying handle, anti-vibration system and maintenance aperture
- 07 Designed for easy maintenance
- 08 Fan housing made from highly resilient plastic
- 09 Long rotating plastic spray wand, can be pivoted effortlessly in any direction
- 10 Advanced, low-emission 2-stroke SOLO engine with specially coated cylinder for a long service life of the appliances

SOLO MASTER 466 evolution

Powerful mister with quiet 66.5 cm³ 2-stroke SOLO engine. Advanced engine technology ensures low noise and reduced exhaust gas emissions. A diaphragm carburettor and comfortable backpack carrying system ensure optimum working conditions. One of the lightest and most compact in its class – worldwide.
 66.5 cm³, 2.1 kW/2.9 hp, 1400 m³/h, 14 l
 Part no. 46601, 10.0 kg (not available in the EU)
 Part no. 46603, 10.1 kg (for EU/US)



SOLO PORT 423 evolution

Throughout the world, the SOLO PORT 423 is the epitome of a robust and reliable mister. With its formidable 72.3 cm³ 2-stroke SOLO engine and 3 kW, it is also one of the most powerful. The service-friendly design of this mister has proven itself over many years.
 72.3 cm³, 3.0 kW/4.1 hp, 1400 m³/h, 14 l, 11.9 kg
 Part no. 42318 • (not available in the EU)



SOLO PORT 423 evolution MAX

As per the 42318, but with 18 l tank capacity.
 72.3 cm³, 3.0 kW/4.1 hp
 1400 m³/h, 18 l, 12.0 kg
 Part no. 42319 • (not available in the EU)



The right nozzle for any crop:
 The standard scope of delivery includes a long reach nozzle as well as a wide spray grille and a nozzle with interchangeable deflectors. 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 spray grille. The nozzle with single sided deflector makes it easier to spray rows of crops. It also enables you to reach the underside of leaves. The double sided deflector allows you to efficiently treat two rows at the same time.



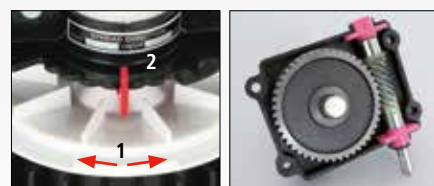
SOLO 421

Spreading seed, fertiliser after scarifying, gritting salt, oil absorbers, cleaning agents, pelletised garden lime, bird seed, stock feed, sand ... the SOLO granulate spreader 421 is designed to be used all year round. A manual crank drives the rotating spreader disc to guarantee precise distribution of the granulate onto the area to be treated. The built-in agitator keeps the material in the tank thoroughly mixed. Up to 9 litres of granulated matter can be applied where specifically required, even on difficult terrain where a wheeled appliance would be unsuitable. The direction in which the material is spread can be adjusted just as easily as the delivery rate. The spreader is carried in front of the body by means of an adjustable strap. The large filling aperture makes filling easy, whilst the large screw top protects users from harmful dust.

- 01 Large filling and cleaning aperture with tightly fitting dust cap – prevents the ingress of dust
- 02 Padded shoulder strap
- 03 Large 9 l tank
- 04 Smooth-running manual crank drive
- 05 Robust integral agitator: Fully sealed gearbox with angular metal gears
- 06 Spreader disc with large fins for even application

Also suitable for winter grit (salt, etc.)

9 l, 2.5 kg • Part no. 42101



Adjustable throw direction (1), agitator (2) Enclosed worm drive with angular metal gears



Comfortable strap Secure base and ergonomic moulding



The SOLO CLEANLine is a comprehensive and versatile range of appliances for cleaning and disinfection. Special seals and the highest quality nozzles are adapted to these application areas and offer chemical resistance in the application of acidic or alkaline liquids. Three foam sprayers with the patented varioFoam foam nozzle complete the CLEANLine range.

SOLO cut-off machines: Powerful tools for really tough jobs. These formidable appliances make short work of cutting through concrete, steel, asphalt, castings and stone. At the same time, they set new benchmarks, as their ergonomics, technical specification and easy of maintenance are peerless in this engine category. Moreover, the 881 models come with the innovative separate lubricating system iLube®. Request our CLEANLine and cut-off machine catalogues and ask your local SOLO partner for more details.

SPECIFICATIONS



Model	201	202	201 C	202 C	401	402	260
Part no.	20101	20201	20102	20202	40101	40201	26001
Battery	-	-	-	-	-	-	3.7 V / 1.4 Ah
Piston pump	●	●	●	●	●	●	●
Nominal capacity l	1.25	2.0	1.25	2.0	1.0	2.0	1.0
Spray pressure bar max.	3	3	3	3	2.5	2.5	-
Safety valve	●	●	●	●	●	●	-
Dry weight kg	0.45	0.5	0.46	0.51	0.4	0.5	0.3



Model	211	212	461	462	256	257	258
Part no.	21101	21201	46101	46201	25601	25701	25801
Piston pump	●	●	●	●	●	●	●
Nominal capacity l	5.0	7.0	5.0	7.0	5.0	7.0	11.0
Spray pressure bar max.	3		3		3		
Dry weight kg	1.2	1.5	1.5	1.7	2.0	2.2	2.9
Spray wand can be secured	●	●	●	●	●	●	●
Hose length m	1.2		1.4		1.4 m reinforced hose		
Spray wand	Plastic, 50 cm		Plastic, 50 cm		Plastic, 50 cm		
Shoulder strap	●		●		●		
Base	-		-		●		
Nozzle	SOLO universal hollow cone nozzle, adjustable		SOLO flat spray and hollow cone nozzle		SOLO flat spray and hollow cone nozzle		



Model	410	NOVA 424	473 D Classic	425 Classic	435 Classic	475 Classic	425 Comfort	475 Comfort	425 Pro
Part no.	41001	42422	47321	42521	43521	47521	42531	47531	42541
Pump type piston/diaphragm	● / -	● / -	- / ●	● / -	● / -	- / ●	● / -	- / ●	● / -
Nominal capacity l	10	16	10	15	20	15	15	15	15
Spray pressure bar max.	4	4	4	4	4	4	4 / 6*	4	4 / 6*
Spray wand length cm	50	50	50	50	50	50	50	50	50 - 90, adjustable
Nozzle	SOLO universal hollow cone nozzle, adjustable			SOLO flat spray and hollow cone nozzle				Brass flat spray and hollow cone nozzle, adjustable	
Manual spray pressure adjustment	-	-	-	-	-	-	●	●	●
Pump lever adjustable	-	-	-	-	-	-	●	●	●
FKM seals ("Viton")	-	-	-	-	-	-	●	●	●
Telescopic carbon spray wand	-	-	-	-	-	-	-	-	●
Pressure gauge	-	-	-	-	-	-	-	-	●
Dry weight kg	4.7	5.1	4.2	4.4	5.0	4.6	4.5	4.7	5.2

* With plugs

SPECIFICATIONS



Model	206	411	441	442	417
Part no.	20601	41101	44101	44201	41701
Battery V/Ah	Lithium-ion 11.1 / 2.5	Lithium-ion 11.1 / 2.5	Lithium-ion 11.1 / 2.5	Lithium-ion 18 / 2.5	Lead gel 12 / 7.2
Nominal capacity l	6	10	16	16	18
Nozzle	Univ. hollow cone, adjustable	Univ. hollow cone, adjustable	Univ. hollow cone, adjustable	Univ. hollow cone, adjustable Flat spray nozzle	Flat spray nozzle
Spray pressure settings / bar	1 / 2.5	1 / 2.5	1 / 2.5	4 / 1-4	2 / 2.5; 4.3
Spray volume l/min (setting) with standard nozzle	0.6 - 1.16	0.6 - 1.16	0.6 - 1.16	0.68 (1) / 0.97 (2) 1.19 (3) / 1.37 (4)	1 1.07 11 1.42
Operating time h	2.9	2.9	2.9	5	1: 3.7; 11: 2.3
Charging time h	approx. 2	approx. 2	approx. 2	approx. 1.1	approx. 8
Dry weight inc. battery kg	2.2	3.6	3.8	4.5	7.6
Spray wand	Plastic, 50 cm	Plastic, 50 cm	Plastic, 50 cm	Plastic, 50 cm	Plastic, 50 cm
Standard scope of delivery	Battery, charger	Battery, charger	Battery, charger	Battery, charger	Battery, charger
Sound pressure level dB(A) ⁽¹⁾	< 70	< 70	< 70	< 70	< 70
Sound power level guaranteed dB(A) ⁽¹⁾	< 70	< 70	< 70	< 70	< 70
Vibration value m/s ² (2)	≤ 2.0	≤ 2.0	≤ 2.0	≤ 2.0	≤ 2.0



Model	216
Part no.	21601
Battery V/Ah	Lithium-ion 11.1 / 2.5
Nominal capacity l	16
Nozzle	Univ. hollow cone, adjustable
Spray pressure settings / bar	1 / 2.5
Spray volume l/min with standard nozzle	0.6 - 1.16
Operating time h	2.9
Charging time h	approx. 2
Dry weight inc. battery kg	4.9
Spray wand	Plastic, 50 cm
Standard scope of delivery	Battery, charger
Sound pressure level dB(A) ⁽¹⁾	< 70
Sound power level guaranteed dB(A) ⁽¹⁾	< 70
Vibration value m/s ² (2)	≤ 2.0



Model	MASTER 466	PORT 423 evolution	PORT 423 evolution MAX
Part no.	46601** / 46603 (EU/US)	42318**	42319**
Engine	2-stroke SOLO	2-stroke SOLO	2-stroke SOLO
Capacity cm ³	66.5	72.3	72.3
Power kW/hp	2.1 / 2.9	3.0 / 4.1	3.0 / 4.1
Tank capacity l	14	14	18
Air flow rate max. m ³ /h	1400	1400	1400
Horizontal reach in m	11.0	12	12
Dry weight kg	10.0 (46601) / 10.1 (46603)	11.9	12.0
Standard scope of delivery	SOLO special misting nozzle with 4 settings, long reach nozzle, wide spray grille, single sided and double sided deflector (423 only)		
Sound pressure level dB(A) ⁽¹⁾	96	97	97
Sound power level L _{WAeq} dB(A) ⁽¹⁾	110	110	110
Vibration value m/s ² (2)	≤ 2.5	≤ 6.3	≤ 6.3

* Excl. blower ** Not for the EU



Model	421
Part no.	42101
Fill capacity l	9
Tank filling aperture diameter cm	14.5
Dry weight kg	2.5
Dimensions excl. crank W x D x H, cm	29 x 26 x 49
Throw distance subject to material, cm	Granulate approx. 300 - 400 Grass seed approx. 180 - 200
Distribution width subject to material, cm	Granulate approx. 180 - 200 Grass seed approx. 150 - 170
Gearbox	Fully sealed worm drive with angular metal gears
Transmission ratio	1 : 7.5



For us, MADE IN GERMANY means the highest of standards

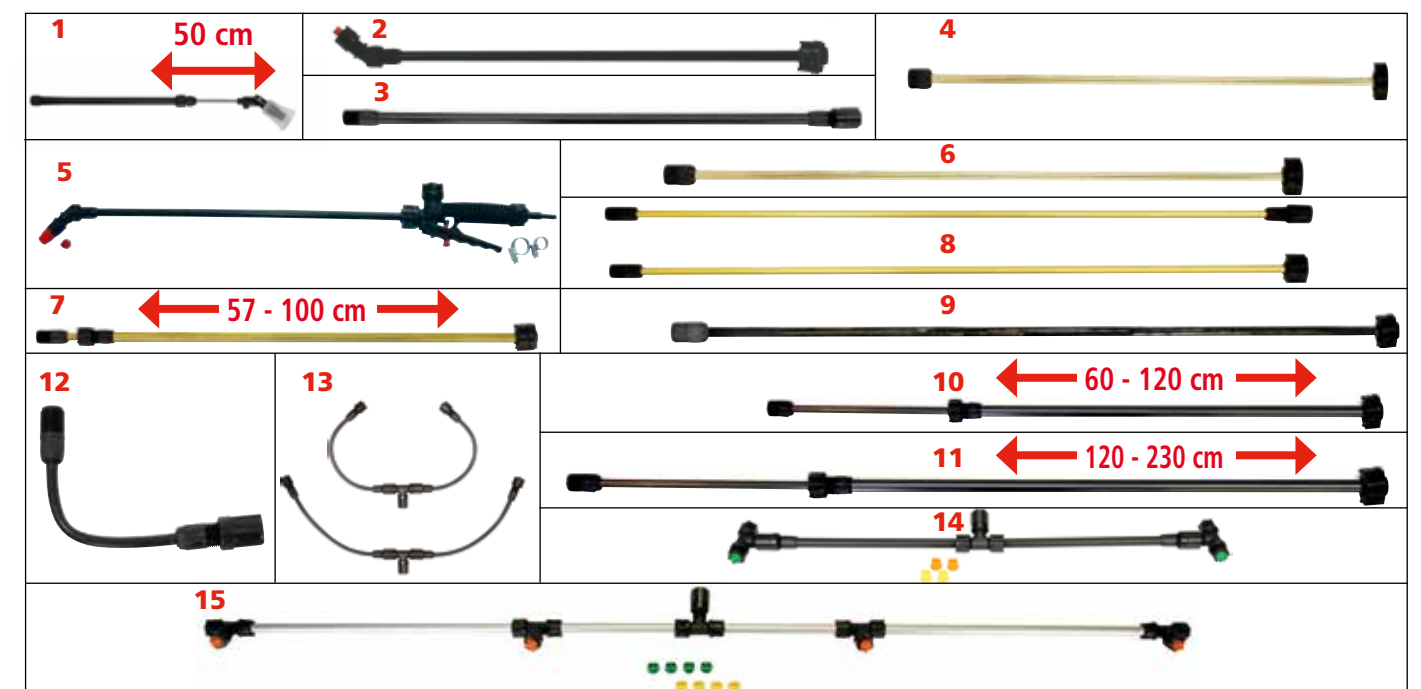
We are one of few manufacturers who can proudly claim that our products are not only developed in Germany, but are also produced there in accordance with the high quality standards that are the inspiration for the international "Made in Germany" seal of quality. Whether manual pressure sprayers, backpack sprayers or misters...the plastic injection moulding, blow moulding of the tanks and final assembly are carried out by

our highly motivated team of employees in the German city of Sindelfingen. So that you can be assured of choosing a product which deserves the SOLO brand name and which is packed with Swabian expertise, well-engineered details and robust components that ensure durability and user convenience.

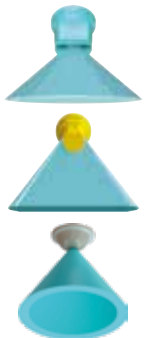




Spray wands for pressure and backpack sprayers

		● Recommended		● Suitable		● Not recommended		- Unsuitable / does not fit			
Pos.	Designation	Description and recommended application	Part no.	201 202	211 212	401/402 201 C 202 C	461 462	256 257 258	410 424 425 435	473 D 475	206/411 216 417 441/442
1	Telescopic wand 25 - 50 cm	Telescopic spray wand, can be continuously extended up to 50 cm, with adjustable universal nozzle and small drift guard. The telescopic function makes it easier to reach parts of plants that are further away or concealed. For example, the nozzle head can be pivoted through 180°, making it convenient and effective to treat the underside of affected leaves. The telescopic wand consists of a plastic, impact-resistant, profiled outer tube and a high grade, robust, stainless steel inner tube.	49628	-	-	401/402: ● 201/202: -	-	-	-	-	-
2	Spray wand 50 cm with flat spray nozzle	Standard spray wand 50 cm, including angled nozzle head, high grade flat spray nozzle, filter and cap nut for attachment to the manual valve. Spray wand is flexible and almost unbreakable thanks to high quality plastic material that can withstand extreme loads. Suitable for universal use in many plant protection applications.	49439	-	●	-	●	●	●	●	206/216 411/441: ●
3	Extension wand 50 cm	We recommend the extension wand for all applications that simply require an extended reach. It includes a connection nut with seal ring to attach to all standard SOLO spray wands, for pressure sprayers and backpack sprayers with a nominal capacity of 5 l or more. Almost unbreakable thanks to high quality plastic material that can withstand extreme loads.	49513	-	●	-	●	●	●	●	●
4	Brass spray wand, 50 cm	Ideally suited to all intensive and professional applications that require robust, rigid spray wands. We also recommend it for working with SOLO accessories such as spray booms or drift guards. The 50 cm brass spray wand has a diameter of 8 mm and is supplied complete with cap nut for attachment to the SOLO manual valve.	49519	-	●	-	●	●	●	●	206/216 411/441: ●
5	Universal spray wand, 50 cm	For all pressure and backpack sprayers from SOLO and many other manufacturers. Including adjustable universal nozzle and flat spray nozzle.	49610	-	●	-	●	●	●	●	●
6	Brass spray wand, 75 cm	Ideal for all intensive and professional applications that require robust, rigid spray wands. The 75 cm long spray wand can be optimally supplemented with SOLO accessories such as drift guards.	49428	-	●	-	●	●	●	●	●
7	Brass telescopic spray wand 57 - 100 cm	This highly robust telescopic spray wand made from brass can be continuously extended up to 100 cm and locked in any position. It can be put to various uses in any challenging or commercial application, to enable an extended reach or to treat ground level areas. Also recommended for working with spray booms or drift guards. The telescopic spray wand is supplied complete with cap nut for attachment to the SOLO manual valve.	49478	-	●	-	●	●	●	●	●
8	Brass tree spray wand 150 cm	The long tree spray wand is ideal for all challenging applications that require a robust, rigid wand with an extended reach. We also recommend it for treating taller plants, e.g. for spraying espaliered trees or bushes. The brass tube consists of two 75 cm threaded spray wands with an 8 mm diameter, including two cap nuts and seals for attachment.	49528	-	●	-	●	●	●	●	●
9	Carbon tree spray wand 120 cm NEW	The 120 cm long spray wand made from carbon fibre material weighs just 100 g. It can be used for all challenging applications that require rigid and extremely lightweight wands – even with an extended reach. Thanks to its very low weight, it protects the operator's joints and is suitable for longer work periods. Supplied complete with cap nut for attachment to the SOLO manual valve.	49449	-	●	-	●	●	●	●	●
10	Carbon telescopic spray wand 60 - 120 cm NEW	The 60 - 120 cm long telescopic spray wand made from ultra-light carbon fibre material weighs just 95 g. We recommend this version for all challenging applications that require a rigid and extremely lightweight wand with adjustable reach. It is also recommended for working with accessories such as spray booms or drift guards. Long work periods with minimal strain on the wrists are no problem. The standard scope of delivery includes the cap nut for attachment to the SOLO manual valve.	49457	-	●	-	●	●	●	●	●

Pos.	Designation	Description and recommended application	Part no.	201 202	211 212	401/402 201 C 202 C	461 462	256 257 258	410 424 425 435	473 D 475	206/411 216 417 441/442
11	Carbon telescopic spray wand 120 - 230 cm NEW	The telescopic spray wand made from ultra-light carbon fibre material weighs just 160 g and is continuously adjustable in length from 120 - 230 cm. It can be used for all challenging applications that require rigid and extremely lightweight wands with a very long reach. The low weight greatly facilitates the work and enables long periods of use. Supplied complete with cap nut for attachment to the SOLO manual valve.	49445	-	●	-	●	●	●	●	●
12	Flexible spray wand extension 15 cm	Flexible and ideally suitable for treating inaccessible areas and places that are not easily visible or are difficult to reach, including use in pest control, for example. With the pliable spray wand section that can be bent by up to 180°, the jet can be sprayed in any direction. Including connection nut for fastening to an existing spray wand end piece, without nozzles. Can be combined with all SOLO spray wands and spray nozzles; the cap nut for attachment is included.	49450	-	●	-	●	●	●	●	●
13	Flexible double spray head 60 cm	The double spray head has many possible applications, e.g. for treating a plant or row of plants from two sides at once, or for spraying two rows at the same time. With its twin nozzles, it can be used for treating single plants and to apply repellent spray to protect against browsing animals. With its two flexible spray wands, the double spray head has a total operating width of 60 cm. It comes complete with nut to connect to each spray wand, preinstalled hollow cone spray nozzles and two further sizes of hollow cone nozzle. Other types of nozzle in different sizes can also be fitted if preferred.	49411	-	●	-	●	●	●	●	206/216 411/441: ●
14	Spray boom 60 cm	The 60 cm wide spray boom has two nozzles in three different sizes and is ideal for treating two rows at a time or for area spraying. Made from special, almost unbreakable plastic material, supplied with two ball valve nozzle filters to prevent dripping and a cap nut for attachment to an existing spray wand. We recommend combining it with the SOLO short, rigid, brass or carbon fibre spray wands.	49514	-	●	-	●	●	●	●	206/216 411/441: ●
15	Aluminium spray boom 120 cm	For treating larger areas, we recommend twice the spraying width with the 120 cm wide, light, aluminium spray boom. Four flat spray nozzles and four ball valve nozzle filters to prevent dripping are preinstalled; two further sets of four nozzles are included. It can be best combined with the SOLO short, rigid, brass or carbon fibre spray wands. The cap nut for attachment to the spray wand is provided.	49299	-	●	-	●	●	●	●	206/216 411/441: ●



Nozzles and drift guards for pressure and backpack sprayers

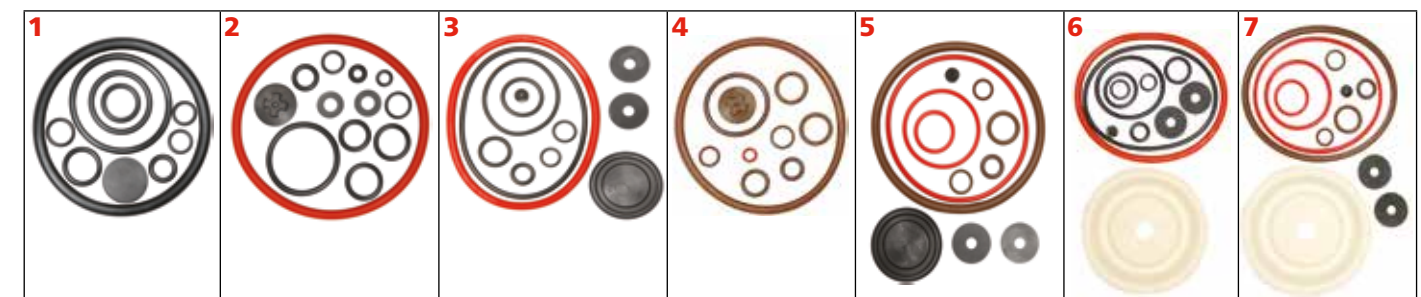
		● Recommended	● Suitable	● Not recommended	-		Unsuitable / does not fit				
Pos.	Designation	Description and recommended application	Part no.	201 202	211 212	401/402 201 C 202 C	461 462	256 257 258	410 424 425 435	473 D 475	206/411 216 417 441/442
1	Full nozzle set 	Universal nozzle set for all the most important application areas. The set contains a total of nine different, high grade flat spray, deflector and hollow cone nozzles. Four flat spray nozzles for treating large areas and spraying rows. With a ribbon-like spray pattern in sizes 015, 02, 03 and 04. Two deflector nozzles especially for applying herbicides: for treating large areas and working in the low pressure range with a coarse droplet spray and ribbon-like spray pattern. The nozzles come in sizes DT 1.0 and DT 2.5. Three hollow cone nozzles for treating upright single plants, shrubs and large scale plantings, especially for insecticides and fungicides. The three matching nozzle caps have hole sizes of 1.0, 1.4 and 1.8 mm, and are combined with the required swirl plate. The nozzle set includes a nozzle head with preinstalled flat spray nozzle.	49574	-	●	-	●	●	●	●	●
2	Universal plastic nozzle, adjustable 	The universal hollow cone nozzle made from plastic is especially suitable when treating single plants. It can be adjusted from fine droplets with a hollow cone-shaped spray pattern, right through to a point jet.	49525	-	●	-	●	●	●	●	● 206/216 411/441:
3	Universal brass nozzle, adjustable 	The universal hollow cone nozzle made from brass is especially suitable when treating upright single plants. It can be variably adjusted from fine droplets right through to a point jet.	49206	-	●	-	●	●	●	●	●
4	Oval drift guard 30 x 11.5 cm 	The oval plastic drift guard should be used for applying herbicide over larger areas and for precision spraying of areas along borders. The drift guard helps prevent fine droplets unintentionally drifting into adjacent areas containing crops or bodies of water. It is equipped with a flat spray nozzle for a ribbon-like spray pattern and is effectively limited at the sides by the umbrella shape. The transparent design of the guard section has been redesigned to give users optimum visibility of the area to be treated whilst working. We recommend combining it with a 75 cm brass spray wand or short telescopic spray wands.	49430	-	●	-	●	●	●	●	●
5	Round drift guard Ø 15 cm 	We recommend the round drift guard with UV light protection for targeted, accurate herbicide application and for use on various smaller plots. The preinstalled full cone nozzle ensures a circular spray pattern. The guard effectively restricts the spraying range to help prevent fine droplets unintentionally drifting into adjacent areas containing crops or bodies of water. The round drift guard is also made from transparent, durable plastic, for optimum visibility of the area to be treated.	49580	-	●	-	●	●	●	●	●

Pos.	Designation	Description and recommended application	Part no.	201 202	211 212	401/402 201 C 202 C	461 462	256 257 258	410 424 425 435	473 D 475	206/411 216 417 441/442
6	Dual nozzle with nozzle set	With its two pivoting nozzle heads , the dual nozzle is suitable for a diverse range of applications. In conjunction with telescopic or extension wands, it enables users to treat two rows of plants at once or spray at an angle, e.g. to treat the underside of leaves or to reach awkward places. Each of the nozzle heads can be pivoted through approx. 270°. The standard scope of delivery includes two preinstalled hollow cone nozzles for large scale plantings and two flat spray nozzles for treating large areas. The set also contains dummy plugs to allow one nozzle to be closed off. Using the knurled screw, the dual nozzle can be attached to existing spray wands without the need for tools.	49477	-	●	-	●	●	●	●	● 206/411/ 441: ●



Sets of seals for pressure and backpack sprayers

		● Recommended	● Suitable	● Not recommended	-		Unsuitable / does not fit				
Pos.	Designation	Description and recommended application	Part no.	201 202	211 212	401/402 201 C 202 C	461 462	256 257 258	410 424 425 435	473 D 475	206/411 216 417 441/442
1	Standard set of seals	Contains all standard seals for SOLO pressure sprayer models 461 and 462.	49551	-	-	-	●	-	-	-	-
2	Standard set of seals	Contains all standard seals for SOLO pressure sprayer models 256, 257 and 258.	49441	-	-	-	-	●	-	-	-
3	Standard set of seals	Contains all standard seals for SOLO backpack sprayer models 425 and 435 with piston pump.	49442	-	-	-	-	-	●	-	-
4	FKM set of seals	Contains all seals for SOLO pressure sprayer models 256, 257 and 258. Made from highly resistant FKM material ("Viton®").	49577	-	-	-	-	●	-	-	-
5	FKM set of seals	Contains all seals for SOLO backpack sprayer models 425 and 435 with piston pump. Made from highly resistant FKM material ("Viton®"). Standard equipment level for all SOLO backpack sprayer models with piston pump in the Comfort and Pro categories.	49578	-	-	-	-	-	●	-	-
6	Standard set of seals	Contains all standard seals for SOLO backpack sprayer models 475 and 473 D Classic with diaphragm pump. Including pump diaphragm made from special, highly resistant Tivilon® material (TPV).	49443	-	-	-	-	-	-	●	-
7	FKM set of seals	Contains all seals for SOLO backpack sprayer models 475 and 473 D Classic with diaphragm pump. Made from highly resistant FKM material ("Viton®"). Including diaphragms made from special, highly resistant Tivilon® material. Standard equipment level for SOLO 475 Comfort and 475 Pro models.	49579	-	-	-	-	-	-	●	-



Other accessories

		● Recommended	● Suitable	● Not recommended	-	Unsuitable / does not fit					
Pos.	Designation	Description and recommended application	Part no.	201 202	211 212	401/402 201 C 202 C	461 462	256 257 258	410 424 425 435	473 D 475	206/411 216 417 441/442
1	Manual valve set	Professional manual valve. Robust, ergonomic design made from special plastic material. With childproof lock and connection for installing a pressure gauge (optional). Including all parts necessary for installation.	49440	-	●	-	●	●	●	●	●
2	Pressure gauge	We recommend the professional pressure gauge for highly accurate measurements and readings when permanent spray pressure control is required. The easily readable display range extends from 0 to 6 bar (0 - 90 psi) in 0.2 bar increments. To protect the pressure gauge against any impact and to ensure safe handling, it is equipped with a large, removable rubber cover with profile. The standard scope of delivery includes cap nuts and seal rings.	49356	-	●	-	●	●	●	●	-
3	Ball valve filter	To prevent dripping after the manual valve has been shut off, we recommend using the ball valve filter with stainless steel filter insert – especially when telescopic spray wands are used. Straightforward insertion below the spray nozzle, instead of the standard filter. Standard equipment level for SOLO spray booms 49514 and 49299. Opening pressure 0.3 bar. Mesh size 50 mesh, ISO-compliant.	49539	-	●	-	●	●	●	●	●
4	Pro backpack carrying system	The comfortable, professional backpack carrying system makes safe and tireless working with SOLO backpack sprayers easier over longer operating periods. Developed with the help of experts from the outdoor sports sector, it offers maximum user comfort thanks to the balanced distribution of weight over the shoulders and hips. High quality materials, wide straps with comfortable padding and ventilation of the shoulder straps and integral waist belt ensure perfect wearing comfort, akin to that of a modern hiking rucksack. The carrying system fits all SOLO backpack sprayers with 12 l and 15 l tank capacities (including older models) and is standard equipment for the latest SOLO PRO backpack sprayer models.	49599	-	-	-	-	-	● ¹⁾	●	-
5	Compressed air connection valve	Automatic, rapid build-up of pressure saves you having to pump manually. Allows a large pressurised cushion of air to build up quickly and easily for longer working periods whilst maintaining a professional spray pattern. The pivoting compressed air connection valve enables an external compressed air supply to be connected to the sprayer and has an integral, automatic pressure valve. It fits SOLO pressure sprayer models 256, 257 and 258.	49590	-	-	-	-	●	-	-	-
6	Wheel set	Quick-fit, practical wheel set, comprising large, high traction wheels including axle and a handle for easy tilting and movement. This enables the pressure sprayer 258 to be transported comfortably, without having to be carried.	49211	-	-	-	-	● ²⁾	-	-	-
7	Waist belt for 442	Heavily padded back and side sections that perfectly support the hips and lumbar region. The length can be adjusted to the individual user and the belt is fastened with a quick-release buckle. For a perfect fit.	49598	-	-	-	-	-	-	-	442: ●



¹⁾Not for 410/424/435 ²⁾Only for 258

Two-stroke oil and mixing container

		● Recommended	● Suitable	● Not recommended	-	Unsuitable / does not fit	
Pos.	Designation	Description	Part no.	423	466		
1	SOLO Profi 2T engine oil 1 l (for 50 l of two-stroke fuel mixture)	Semi-synthetic universal engine oil with fuel stabiliser. Contains cleaning and corrosion-inhibiting additives. Suitable for mixture lubrication and separate lubrication of all air-cooled two-stroke engines. The dissolving agents it contains ensure automatic and even mixing with the fuel. - Prevents the fuel mixture from ageing - Enables trouble-free engine start even after standing for long periods - Protects against corrosion - Keeps the fuel system clean - Excellent ignition capability 2 years; even longer when high grade fuel is used Specifications: JASO FD, ISO-L-EGD, API TC, GLOBAL GD Mixing ratio 1:50 (observe instructions from appliance manufacturer)	49104	●	●		
2	Mixing container 1 l	Practical, compact mixing container for topping up fuel without spills or drips, and practical mixing of 2-stroke fuel mixture (petrol/oil). Including funnel and measuring cap. The funnel makes it easier to fill the tank, even in the case of narrow filler necks. Hard to lose: when not in use, the funnel can be inserted into the mixing container and held in place with the screw cap. The cap can also help to achieve an accurate ratio for 2-stroke fuel: 1 cap full of two-stroke oil to 1 l of petrol results in a mixing ratio of 1:50.	49278	●	●		



Batteries and chargers

		● Recommended	● Suitable	● Not recommended	-	Unsuitable / does not fit	
Pos.	Designation	Description	Part no.	206/216/411/441	442		
1	Lithium-ion battery 11.1 V 2.5 Ah	Compact 11.1 V lithium-ion battery. Included with model 206/216/411/441.	49485	●	-		
2	Standard charger 1.5 A	Compact charger for external charging of the SOLO 11.1 V lithium-ion battery. Charging current 1.5 A. Included with models 206/216/411/441.	49486	●	-		
3	Lithium-ion battery 18 V 2.5 Ah	Compact 18 V lithium-ion battery. Included with model 442.	49481	-	●		
4	Lithium-ion battery 18 V 5.0 Ah	Compact 18 V lithium-ion battery with high capacity of 5 Ah, power capacity 90 Wh. Enables longer periods of use.	49482	-	●		
5	Standard charger 2 A	Compact charger for external charging of SOLO 18 V lithium-ion batteries. Charging current 2 A. Included with model 442.	49483	-	●		
6	4 A express charger	Compact express charger for external charging of SOLO 18 V lithium-ion batteries. With increased 4 A charging current for shorter charging times.	49484	-	●		



Accessories for power misters

●	Recommended	●	Suitable	●	Not recommended	-	Unsuitable / does not fit
Pos.	Designation	Description	Part no.	423	466		
1	ULV nozzle with metering device	With the new SOLO ULV nozzle , spray liquids are applied in high concentrations using the ULV (ultra low volume) process and pesticides are atomised into very fine droplets . For droplet sizes between 40 and 51 µm (MVD), the SOLO ULV nozzle complies with the WHO standard. The very fine mist is sprayed in exactly the right direction thanks to the air flow from the blower in the mister. The spray liquid can be set to one of four flow rates via a setting wheel . This ULV nozzle is particularly suitable for vector control in all parts of the world, i.e. for use against carriers of pathogens such as mosquitoes and other harmful insects.	49480	●	●		
2	Twin nozzle	With the aid of the twin nozzle, the spray pattern of SOLO misters can be split and enlarged . The amount of spray liquid supplied can be regulated at each nozzle separately. The angle between the two misting nozzles can be adjusted from 0° to 90° without using tools , i.e. the spray pattern can be altered from parallel to 90° even while misting. This makes it suitable for very versatile applications, from enlarging the jet to completely separating it to be able to spray in two different directions , for example when treating two rows at the same time . The removable broad spray attachments widen the spray stream which can be beneficial when treating narrow rows within a planting, for example.	49137	●	●		
3	Extension wand	Using the 60 cm extension wand, the jet can be aimed more accurately as well as extended, which is helpful when spraying targets some distance away . The use of a SOLO liquid booster pump (accessory) is highly recommended in conjunction with the extension wand to ensure a reliable supply of spray liquid when spraying vertically.	49333	●	●		
4	Liquid booster pump	We recommend using the liquid booster pump when working with SOLO misters in plantings that predominantly require an upward spray direction or a greater reach . It enables a reliable supply of spray liquid especially when spraying vertically and using extension wand 49333.	49117	●	●		



SOLO Kleinmotoren GmbH was founded in Stuttgart in 1948 and to this day is still a leading global manufacturer of high grade sprayers, pressure sprayers and foam sprayers, as well as misters and cut-off machines – all featuring the high German quality standards you have come to expect from us.

In addition to our head office in the south German town of Sindelfingen, we have partners and subsidiaries around the world to meet the requirements of our valued customers. Quality and proximity to customers are the reasons why SOLO products are used in almost every country in the world.

We are happy to advise you:

solo®

THE BETTER CHOICE. SINCE 1948.

German quality sprayers and cut-off machines

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Subject to technical modifications.

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