



## SOLO – Pioneers of mobile plant protection technology



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 almost 75 years. SOLO products are the better choice for many reasons. It begins at the 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

SOLO sprayers, misters, blowers, 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 rounds off our plant protection



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

n 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



Managing Directors of SOLO Kleinmotoren GmbH

## Four tips to help you choose the right product



#### 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.



#### 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.



#### 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 medium evenly over the required area – and can also be used in winter to spread gritting salt on pathways.



#### 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, 2-stroke SOLO engines or 4-stroke Honda 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 and the 468 backpack blower.

## SOLO – the right choice for any application

iample ap	oplications for SOLO sprayers and misters	201/202 303/304 260 Li	212	201C 202C 202CL		256 257 258	424/425/435 473D/475 Classic	425 Comfort	475 Comfort	425 PRO	206 Li 441 442 417 416 Li	433	423 466
	Plants on balconies and patios	•		•									
_	Private gardens, decorative plants, shrubs	•	•	•	•	•	•	•	•				
Plant protection	Large private gardens, decorative plants, shrubs, plantings				•	•	•	•	•	•	•	•	
otec	Professional horticulture and landscaping, greenhouses					•	•	•	•	•	•	•	
t pr	Espaliered trees, trees						•	•	•	•	•	•	•
<u>a</u>	High trees											•*	•
Δ.	Weed control		•		•	•	•	•	•	•	•		
	Agricultural crops in general							•	•	•	•	•	•
9	Large scale plantings, such as orchards, vineyards, plantations and horticultural operations												•
Agriculture	Plant protection					•		•	•	•		•	•
ř	Disinfection												•
Ă,	Pest control												•
Woodland	Plant care								•	•	•		
Woo	Protection against game attack								•	•			







Care for and fertilise lawns

Care for and fertilise plants

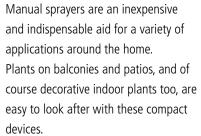
Are you looking for a sprayer or foam sprayer that is specially designed for cleaning agents and disinfectants? Then ask about our **CLEANLine** sprayers.

Where can you find what you need in this catalogue?

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## MANUAL SPRAYERS



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 new, lightweight models of the 2 series are characterised by a highly efficient and enclosed 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 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 convenient and smart SOLO 460 Li battery-operated sprayer. The permanently installed battery can be quickly recharged via USB cable and when fully charged, is easily sufficient for several container loads to be applied.





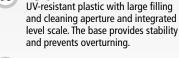


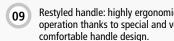
MANUAL SPRAYERS MANUAL SPRAYERS



- New, adjustable and 180° pivoting (C models, 401/402) universal nozzle with significantly improved spray pattern
- Automatic pressure valve, can be manually operated for pressure reduction
- 03 Pump head with slot to insert contents identification card
- Large, highly efficient and fully sealed pump unit with sturdy pump handle
- Comfortable trigger with thumb lock for continuous spray function
- Long reach, on 202 CL, 401 and 402 thanks to extended spray wand (401/402 in stainless
- **07** High quality seals

- 08 Highly robust container made of UV-resistant plastic with large filling and prevents overturning.
- **09** Restyled handle: highly ergonomic operation thanks to special and very











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 I, 2.5 bar, 0.4 kg Part no. 40101

# 0.5 kg Part no. 40201 solo solo

### SOLO 402

As per SOLO 401, but with nominal capacity of 2 I. 2 l, 2.5 bar,



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 countryside management. 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 **new 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. Use the convenient mobile 453 trolley sprayer to cover longer distances with ease between spray locations.

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.





Plant maintenance made easy: the large wheels of the

SOLO 453 trolley sprayer make it easy to pull along,

moving through a garden or transporting to site. Yet

the use of aluminium for the robust 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 I tank. The pump

handle is large and robust enough to be securely gripped with gloves. The same applies to the tank

handle with its soft grip sleeve. A 2.5 m spiral hose

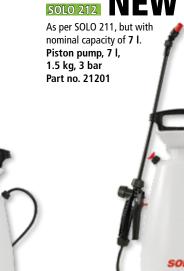
facilitating work involving long distances, whether



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

## SOLO 211 NEW

The new entry level generation is not only impressive in terms of price. Apart from the lightweight **5** I 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 **NEW**

#### SOLO 461

An indispensable aid in many private gardens for plant protection, weed control and applying insecticide. Stable 5 I 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

## nominal capacity of 7 l. Piston pump, 7 l, 1.7 kg, 3 bar Part no. 46201

SOLO 462

As per SOLO 461, but with



## Part no. 45301

provides the necessary reach. Piston pump, 11 l, 3.5 kg, 2 bar



#### 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,



#### SOLO 257

As per SOLO 256, but with As per SOLO 256, but with nominal capacity of 11 I and stable base nominal capacity of 7 l. Piston pump, 7 l, 2.2 kg, Piston pump, 11 l, 2.9 kg, 3 bar • Part no. 25801 3 bar • Part no. 25701

solo



SOLO 258

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



2.0 kg, 3 bar Part no. 25601

> Optional accessories: compressed air supply valve to build pressure Part no. 49590



## **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.

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





- Impressive spray performance; 101 Impressive spray performance, two nozzles supplied as standard
- Ergonomically refined, rotating, length-adjustable pump lever (Comfort/Pro), individual pump lever mounting for right/left-handed users
- Wide, comfortably padded straps with strain relief; Pro models with special backpack
- **04** Large filling and cleaning aperture

- Carrying handle with spray wand retainer (Comfort/Pro)
- 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
- Resistant FKM seals ("Viton®") for all permissible spray liquids (Comfort/Pro)

- High grip manual valve with pressure gauge connection for precisely metered spray volume
- 09 Long reinforced hose for extended reach
- Effective, smooth-running pump 10 4 manual spray pressure settings (Comfort/Pro)
- 11 Stable tank frame

#### 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



#### 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

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



#### SOLO 475 CLASSIC

A classic with nominal capacity of 15 I 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



#### SOLO 435 CLASSIC

Identical to 425 CLASSIC, but with nominal capacity of 20 I. Piston pump, 20 l, 5.0 kg



#### 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 I, 4.5 kg** 



#### Backpack sprayers don't come better than this

The SOLO 425 PRO professional model, with its premium features, is designed specifically for professional users. Those who work daily for long hours with a backpack sprayer will appreciate the comfortable and fully adjustable backpack carrying system, inspired by the outdoor sports sector, which has been optimised for maximum user comfort.

The spray wand and nozzles of this sprayer also meet the needs of professionals: the ultra-light telescopic carbon spray wand can be adjusted between 50 cm and 90 cm. Standard scope of delivery includes high quality brass nozzles: flat spray and hollow cone (adjustable).







## **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 new and very compact 6-litre EAZY 206 sprayer (see next page), the SOLO 441 marks the entry into the battery-operated range. 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 416 Li and 417 models, users have two power settings at their disposal, which regulate the pressure range of the powerful 12 V pumps 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.

Compared to the lead gel battery in the 417, the 416 Li has a lithium-ion battery, and a capacity of 20 rather than 18 litres.

The Last but not least, the sprayers include a lightweight, 50 to 90 cm telescopic wand made from carbon.





## EAZY 206 BATTERY-OPERATED SPRAYER

With the EAZY 206 compact battery-operated sprayer, SOLO introduces a whole new class of appliances.

Not only does the sprayer boast a tank with six-litre fill capacity and a large filling and cleaning aperture, but above all, the EAZY 206 offers the user a new level of flexibility. It can be held in the hand using the ergonomically shaped handle, carried on the shoulder with the wide, adjustable strap that is included, or even placed on the floor. The spiral hose gives the operator of this small sprayer sufficient freedom of movement and reach despite the compact 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. The powerful and durable electric pump delivers 2.5 bar operating pressure. The splash-protected switch is located at the top of the appliance and is easy to operate.

The compact battery is
easily accessible from
the outside and can be
removed without difficulty
for recharging with the
external charger. To prevent
contamination of the
terminals, a spring keeps
the cover of the battery
compartment closed.



- 1 50 cm plastic spray wand with new, adjustable universal nozzle
- O2 Carrying handle with integrated spray wand retainer
- 03 Large filling and cleaning aperture
- O4 Centrally located, enclosed electric pump.
  Simple battery removal and easily accessible, protected control switch
- **05** Shoulder strap

- 06 Stable, secure base
- 07 Charger and lithium-ion battery included
- 08 Robust manual valve
- Practical spiral hose for long reach, e.g. when the container is placed on the ground

Lithium-ion battery 11.1 V/2.5 Ah 6 I, 2.2 kg, 2.5 bar Part no. 20601 Available from spring 2022

## BATTERY-OPERATED BACKPACK SPRAYERS



- Two or four settings for pressure and spray **01** volume (not 441)
- **02** Large filling and cleaning aperture
- 03 Seals resistant to all approved spray liquids
- Ergonomically shaped tank made of UV-resistant plastic with moulded carrying handle and integrated level scale
- **05** Professional nozzles for every application
- Almost unbreakable plastic spray wand or o6 Carbon telescopic spray wand (416 Li)
- 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

- 09 Robust manual valve
- 10 1.3 m resilient, reinforced hose
- Robust electric pump in impact-resistant enclosure; adjustable pressure and spray volume (not 441)



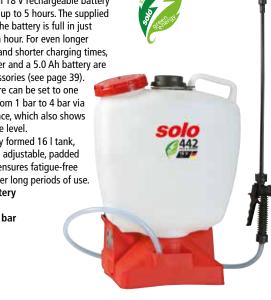
The entry level model for battery-operated plant protection equipment. The dry weight is a mere 3.7 kg. Rechargeable lithium-ion battery for up to 170 minutes of continuous operation and just two hours' charging time. The powerful and durable electric pump delivers 2.5 bar operating pressure. The 16 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

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 39). 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 I 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



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 and pressure gauge are included as standard.

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



solo

For professional use in commercial nurseries and greenhouses, or for everyday horticulture and landscaping tasks. The powerful lithium-ion battery ensures up to 5.9 hours of continuous operation and recharges in just 5.5 hours.

**Additional features of the 416 Li:** + Heavy duty lithium-ion battery with

- up to 5.9 h runtime + Large tank lid with quick-acting closure + Removable stainless steel filling
- strainer + 50 - 90 cm telescopic carbon spray
- + Space saving vertical spray wand retainer
- + Low inherent weight Lithium-ion battery 11.1 V/7.8 Ah, Part no. 41601





# Variable spray pattern with the universal spray wand A broader spray angle with small droplets, or concentrated with a longer distribution distance: you will need one or the other – or a stage somewhere in between – depending on the application range. No problem with the universal spray wand, available as an accessory. The nozzle can be infinitely adjusted with pinpoint accuracy. The standard scope of delivery includes two different diameters, allowing you to work even more precisely and apply the spray media

## POWER SPRAYER

Our 433 power sprayer is characterised by its high efficiency over larger areas. This combination is applicable for very tall plantings such as trees and large shrubs, areas containing crops, or in professional horticulture and landscaping.

The power is supplied by a 4-stroke HONDA engine, which has special bearings to protect against vibrations, as well as being easy to start and simple to service. The controllable operating pressure of the push-pull piston pump reaches up to 30 bar. Long working stretches without refilling are ensured by the nominal capacity of 20 litres.

A practical drain connector underneath the tank enables complete draining of any leftover liquid. The SOLO 433 is equipped with a 50 cm stainless steel spray wand and a pressure gauge on the sturdy manual valve, which allows the pressure to be adjusted for any application. Supplied with a high quality twin nozzle, with stainless steel nozzle discs. With the right accessories (see page 37), you can discover the versatility and all the advantages of this power sprayer. For example, increase the reach with the appropriate spray wand, or adjust the spray pattern with the universal



- 01 Twin nozzle
- 2 50 cm stainless steel spray wand
- Large filling and cleaning aperture
- 04 Spray wand retainer
- Ergonomically designed tank made from transparent, UV-resistant plastic material with comfortable, padded backpack frame and wide shoulder straps
- Robust manual valve with silicone-dampened pressure gauge. Hose connection with swivel coupling for flexible operation.
- **07** Powerful 4-stroke HONDA engine
- 08 Anti-vibration system
- Long high pressure hose for stress-free arm movements

## **MISTERS**



SOLO that make them the economical and environmentally responsible choice for the protection of crops and plantings all around the world.

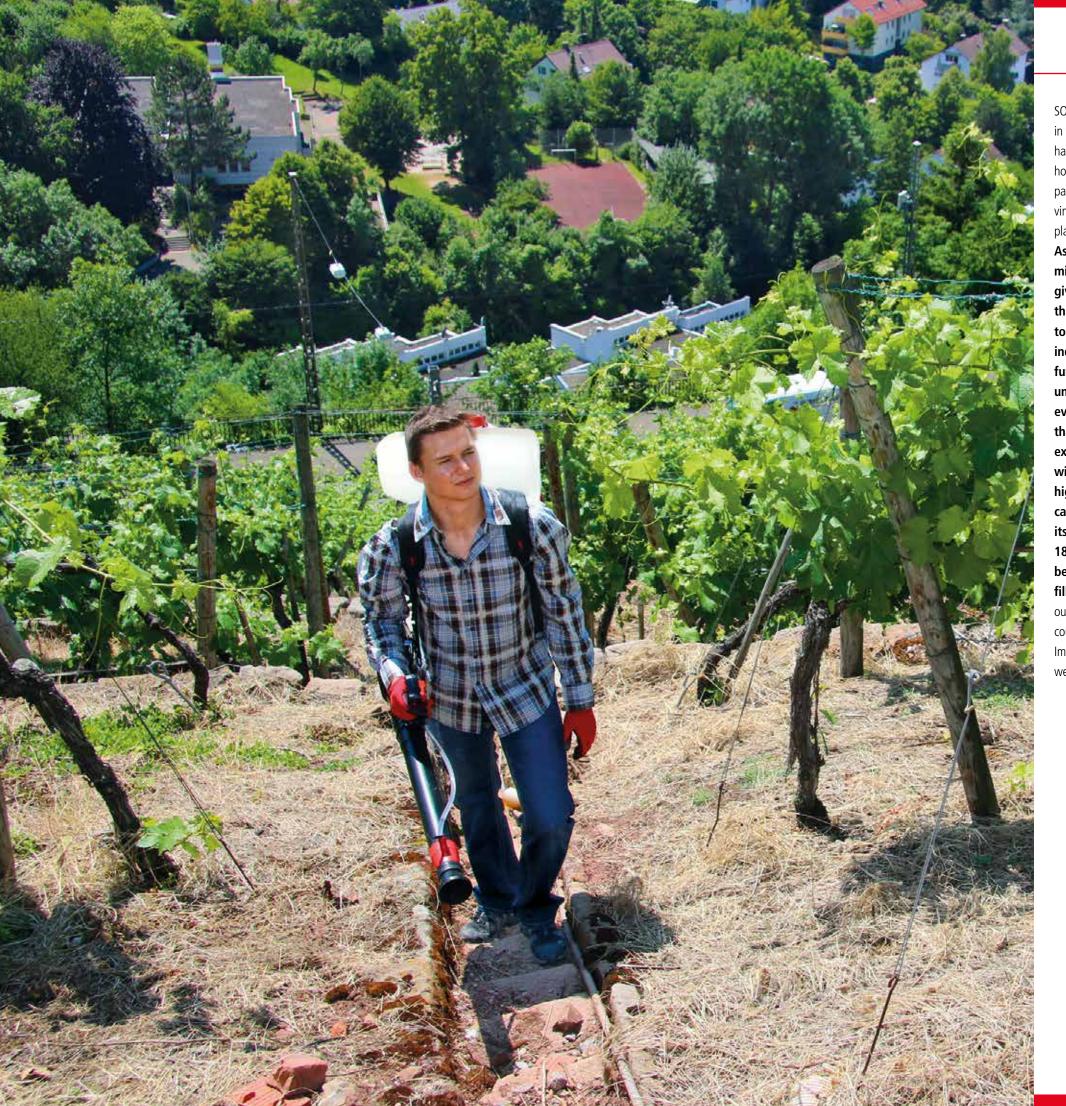
The distinctive SOLO robustness and ease of handling are a continuing feature. After all, it is thanks to all these benefits that our misters have been helping to bring about high-yield harvests across the globe for many years. In this, advanced engine technology from SOLO ensures low fuel consumption, 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 38) makes SOLO misters even more versatile. For example, a dusting attachment turns the PORT 423 into a brilliant dusting machine. A liquid booster pump ensures uniform application when spraying upwards and when using longer spray wands. The practical twin nozzle makes it possible to treat two rows at the same time, whilst the new ULV nozzle with droplet sizes of less than 50 µm is ideal for vector control, for example.







46601 for non-EU!!!! **MISTERS MISTERS** 



- 01 Large filling and cleaning aperture with stainless steel strainer
- **02** Extended reach through high air expulsion velocity and optimised nozzles
- High volume tank made from UV-resistant plastic. Fill level always readable through translucent tank wall
- Ergonomically designed control for throttle, spray volume and start/stop
- Large petrol tank together with a frugal 2-stroke SOLO engine ensure long working
- 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
- Long rotating plastic spray wand, can be pivoted effortlessly in any direction
- 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 cm<sup>3</sup> 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 —

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 cm<sup>3</sup> 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)

## **NEW**





As per the 42318, but with 18 I tank capacity.
72.3 cm³, 3.0 kW/4.1 hp 1400 m<sup>3</sup>/h, 18 l, 12.0 kg Part no. 42319 • (not available in the EU)

## **NEW**





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.

**GRANULATE SPREADERS BLOWER** 



Spreading seed, fertiliser after scarifying, gritting salt, oil absorbers, cleaning agents, pelletised 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

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.

easily as the delivery rate.

- Large filling and cleaning aperture with tightly fitting dust cap prevents the ingress of dust
- **02** Padded shoulder strap
- 03 Large 9 I tank

- 04 Smooth-running manual crank drive
- Robust integral agitator: Fully sealed gearbox with angular
- Spreader disc with large fins for even

#### Also suitable for winter grit (salt, etc.)

9 l, 2.5 kg • Part no. 42101







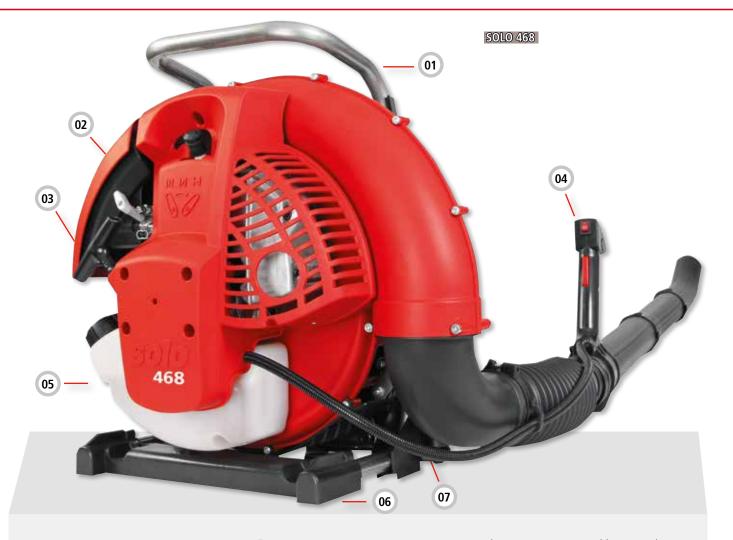


direction (1), agitator (2) angular metal gears



Comfortable strap





- 01 Robust carrying handle
- Clean combustion engine with aluminium
- 03 Large starter handle
- **04** Single hand operating handle

- Fuel tank made from transparent, sturdy plastic, making the fill level easily visible
- 06
- Anti-vibration system effectively reduces vibrations at body contact points Padded back support

66.5 cm<sup>3</sup>, 2.1 kW/2.9 hp, 1400 m<sup>3</sup>/h, 8.4 kg

The compact SOLO 468 blower combines very low weight with high performance, low consumption and reduced emissions. The SOLO 468 is characterised by its high blower output, considering the interests of the environment and the immediate surroundings. Above all, the price/ performance ratio is one of the most convincing selling points of this new SOLO 468 blower.



SPECIFICATION



Model Part no.	<b>201</b> 20101	<b>202</b> 20201	<b>201 C</b> 20102	<b>202 C</b> 20202	<b>202 CL</b> 20203	<b>401</b> 40101	<b>402</b> 40201	<b>460 Li</b> 46001
Battery	-	-	-	-	-	-	-	3.7 V / 1.4 Ah
Piston pump	•	•	•	•	•	•	•	•
Nominal capacity I	1.25	2.0	1.25	2.0	2.0	1.0	2.0	1.0
Spray pressure bar max.	3	3	3	3	3	2.5	2.5	-
Safety valve	•	•	•	•	•	•	•	-
Dry weight kg	0.45	0.5	0.46	0.51	0.53	0.4	0.5	0.3



				,	W. C. W.	100	
Model Part no.	<b>211</b> 21101	<b>212</b> 21201	<b>461</b> 46101	<b>462</b> 46201	<b>256</b> 25601	<b>257</b> 25701	<b>258</b> 25801
Piston pump	•	•	•	•	•	•	•
Nominal capacity I	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			
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 Part no.	<b>453</b> 45301
Piston pump	•
Nominal capacity I	11
Spray pressure bar max.	2
Dry weight kg	3.5
Transport wheels	Yes
Hose length m	2.5 (spiral hose)
Spray wand	Plastic, 40 cm
Nozzle	SOLO universal hollow cone nozzle, adjustable



Model Part no.	NOVA 424 42422	<b>473 D Classic</b> 47321	<b>425 Classic</b> 42521	435 Classic 43521	<b>475 Classic</b> 47521	<b>425 Comfort</b> 42531	475 Comfort 47531	<b>425</b> <b>Pro</b> 42541
Pump type – piston/diaphragm	• / -	-/ •	• /-	• /-	-/ ●	• / -	-/ ●	• / -
Nominal capacity I	16	10	15	20	15	15	15	15
Spray pressure bar max.	4	4	4	4	4	4/6*	4	4 / 6*
Spray wand length cm	50	50	50	50	50	50	50	50 - 90, adjustable
Manual spray pressure adjustment	-	-	-	-	-	•	•	•
Pump lever adjustable	-	-	-	-	-	•	•	•
FKM seals ("Viton®")	-	-	-	-	-	•	•	•
Telescopic carbon spray wand	-	-	-	-	-	-	-	•
Pressure gauge	-	-	-	-	-	-	-	•
Dry weight kg	5.1	4.2	4.4	5.0	4.6	4.5	4.7	5.2





Model Part no.	<b>206</b> 20601	<b>441</b> 44101	<b>442</b> 44201	<b>417</b> 41701	<b>416 Li</b> 41601
Battery V/Ah	Lithium-ion 11.1 / 2.5	Lithium-ion 11.1 / 2.5	Lithium-ion 18 / 2.5	Lead gel 12 / 7.2	Lithium-ion 11.1 / 7.8
Nominal capacity I	6	16	16	18	20
Nozzle	Univ. hollow cone, adjustable	Univ. hollow cone, adjustable	Univ. hollow cone, adjustable Flat spray nozzle	Flat spray nozzle	Flat spray nozzle
Spray pressure settings / bar	1/2.5	1 / 2.5	4 / 1-4	2 / 2.5; 4.3	2 / 2.5; 4.3
Spray volume l/min (setting) with standard nozzle	0.6 - 1.16 -	0.6 - 1.16 -	0.68 (1) / 0.97 (2) 1.19 (3) / 1.37 (4)	I 1.07 II 1.42	I 1.07 II 1.42
Operating time h	2.9	2.9	5	l: 3.7 ; l l: 2.3	1: 5.9 ; 1 1: 3.7
Charging time h	approx. 2	approx. 2	approx. 1.1	approx. 8	approx. 5.5
Dry weight inc. battery kg	2.2	3.8	4.5	7.6	5.2
Spray wand	Plastic, 50 cm	Plastic, 50 cm	Plastic, 50 cm	Plastic, 50 cm	Adjustable, 50 - 90 cm, carbon
Standard scope of delivery	Battery, charger	Battery, charger	Battery, charger	Battery, charger, pressure gauge	Battery, charger, pressure gauge, waist belt
Sound pressure level dB(A)(1)	< 70	< 70	< 70	< 70	< 70
Sound power level guaranteed dB(A) <sup>(1)</sup>	< 70	< 70	< 70	< 70	< 70
Vibration value m/s <sup>2 (2)</sup>	≤ 2.0	≤ 2.0	≤ 2.0	≤ 2.0	≤ 2.0



Model Part no.	<b>433</b> 43303
Engine	4-stroke Honda GX 25
Capacity cm <sup>3</sup>	25
Nominal capacity I	20
Stainless steel twin nozzle	•
Max. adjustable spray pressure bar	up to 30
Spray volume I/min with standard nozzle	1.0   (5 bar); 1.5   (10 bar) 2.0   (20 bar); 2.4   (30 bar)
Dry weight kg	9.8
Pressure gauge	•
Standard scope of delivery	Stainless steel spray wand
Sound pressure level dB(A)(1)	82
Sound power level dB(A)(1)	95
Vibration value m/s <sup>2 (2)</sup>	≤ 2.0







Model Part no.	MASTER 466 46601** / 46603 (EU/US)	PORT 423 evolution 42318**	PORT 423 evolution MAX 42319**		
Engine	2-stroke SOLO	2-stroke SOLO	2-stroke SOLO		
Capacity cm <sup>3</sup>	66.5	72.3	72.3		
Power kW/hp	2.1 / 2.9	3.0 / 4.1	3.0 / 4.1		
Tank capacity I	14	14	18		
Air flow rate max. m <sup>3</sup> /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				
Sound pressure level dB(A)(1)	96	97	97		
Sound power level LWAeq dB(A)(1)	110	110	110		
Vibration value m/s <sup>2 (2)</sup>	≤ 2.5	≤ 6.3	≤ 6.3		

<sup>\*</sup>Excl. blower \*\* Not for the El



Model	468
Part no.	46801
Engine	2-stroke SOLO
Capacity cm <sup>3</sup>	66.5
Max. fan performance rate m³/h*	1400
Air velocity m/s	92
Anti-vibration system	•
Weight kg	8.4
Sound pressure level dB(A)(1)	95
Sound power level LwAeq dB(A)(1)	107
Vibration value m/s <sup>2</sup>	≤ 2.5

<sup>\*</sup>Excl. blower

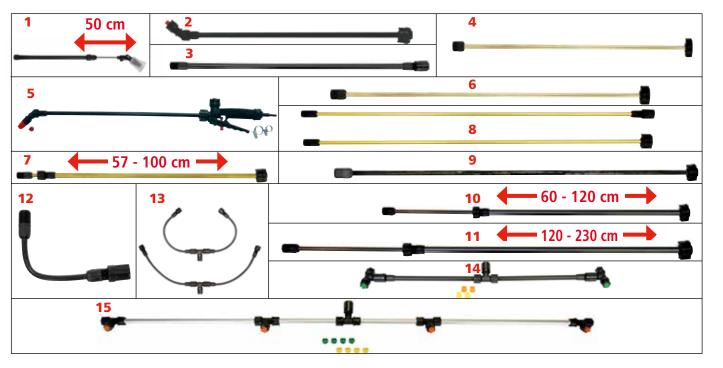


Model Part no.	<b>421</b> 42101
ill capacity l	9
ank filling aperture diameter cm	14.5
Ory weight kg	2.5
Dimensions excl. crank W x D x H, cm	29 x 26 x 49
hrow distance subject to material, cm	Granulate approx. 300 - 400 Grass seed approx. 180 - 200
Distribution width subject to material, m	Granulate approx. 180 - 200 Grass seed approx. 150 - 170
Gearbox	Fully sealed worm drive with angular metal gears
ransmission ratio	1:7.5

## Spray wands for pressure and backpack sprayers

•	Recommer	nded	•	Suitable	•		Not rec	ommer	nded		-	ι	Jnsuita	ble / do	oes not	fit
Pos.	Designation	·		commended application		rt no.		201 202	211 212 453	401/402 201 C 202 C 202 CL		61 62	256 257 258	424 425 435	473 D 475	206 416 Li 417 441/442
1	Telescopic wand 25 - 50 cm	extended to u nozzle and sm makes it easier further away of head can be p convenient and affected leave plastic, impact-i	ip to nall do re or co oivote leffects. The resist	and, can be continuously 50 cm, with adjustable universal rift guard. The telescopic function ach parts of plants that are necelled. For example, the nozzle ed through 180°, making it titive to treat the underside of e telescopic wand consists of a ant, profiled outer tube and a high ess steel inner tube.	49	628		-	•	401/ 402: 		-	-	-	-	-
2	Spray wand 50 cm with flat spray nozzle	head, high gra cap nut for atta is flexible and a plastic material	ide fl achme ilmos that	50 cm, including angled nozzle at spray nozzle, filter strainer and ent to the manual valve. Spray wand t unbreakable thanks to high quality can withstand extreme loads. Suitable hany plant protection applications.		439		-	•	-			•	•	•	206/441:
3	Extension wand 50 cm	that simply re- a connection nu SOLO spray war sprayers with a	quire ut wit nds, f nom hank	extension wand for all applications e an extended reach. It includes h seal ring to attach to all standard or pressure sprayers and backpack inal capacity of 5 I or more. Almost s to high quality plastic material that ne loads.	49	513		-		-			•	•	•	•
4	Brass spray wand, 50 cm	applications the We also recommaccessories su 50 cm brass spr	hat r mend Ich a: ray w ete w	intensive and professional equire robust, rigid spray wands. it for working with SOLO s spray booms or drift guards. The and has a diameter of 8 mm and is ith cap nut for attachment to the	49	519		-		-			•	•	•	•
5	Universal spray wand, 50 cm	many other mai nozzle and flat	nufac spray			610		-	•	-	_		•	•	•	•
6	Brass spray wand, 75 cm	that require ro	<b>obus</b> d car	ve and professional applications t, rigid spray wands. The 75 cm be optimally supplemented with ch as drift guards.	49	428		-	•	-			•	•	•	•
7	Brass telescopic spray wand 57 - 100 cm	can be continuo in any position challenging or extended reach recommended guards. The tele	ously ously ously ously comous ously ously for wescopi	scopic spray wand made from brass extended up to 100 cm and locked n be put to various uses in any mercial application, to enable an o treat ground level areas. Also yorking with spray booms or drift c spray wand is supplied complete with it to the SOLO manual valve.		478		-		-			•	•	•	•
8	Brass tree spray wand, 150 cm	applications the extended reach plants, e.g. for some of the brass tube control of the brass tub	nat re h. We sprayi consis	and is ideal for all challenging quire a robust, rigid wand with an also recommend it for treating taller ng espaliered trees or bushes. ts of two 75 cm threaded spray wands er, including two cap nuts and seals for		528		-	•	-	•		•	•	•	•
9	Carbon tree spray wand 120 cm	weighs just 100 applications the wands – even v very low weight, suitable for lon	0 g. It at red with a it pro iger v	wand made from carbon fibre material can be used for all challenging puire rigid and extremely lightweight in extended reach. Thanks to its extects the operator's joints and is work periods. Supplied complete with to the SOLO manual valve.		449		-	•	-			•	•	•	•
10	Carbon telescopic spray wand 60 - 120 cm	ultra-light carb recommend this that require a r with adjustable with accessorie Long work perior problem. The sta	oon fi version rigid e reades such ds windard	elescopic spray wand made from bre material weighs just 95 g. We on for all challenging applications and extremely lightweight wand ch. It is also recommended for working th as spray booms or drift guards. th minimal strain on the wrists are no I scope of delivery includes the cap nut SOLO manual valve.		457		-	•	-	•		•	•	•	•

Pos.	Designation	Description and recommended application	Part no.	02 2	211 212 453	401/402 201 C 202 C 202 CL	461 462	256 257 258	424 425 435	473 D 475	206 416 Li 417 441/442
11	Carbon telescopic spray wand 120 - 230 cm	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	-	•		•	•	•	•	206/441:
14	Spray boom 60 cm  NEW: Now with extended nozzle set in 3 sizes	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	-	•	-	•	•	•	•	206/441:
15	Aluminium spray boom 120 cm NEW: Now with extended nozzle set in 3 sizes	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	-	•	-	•	•	•	•	206/441:



# Nozzles and drift guards for pressure and backpack sprayers

•	Recomme	nded Suitable	•	Not rec	ommen	ded	-	U	nsuitak	le / do	es not 1	fit
	Designation	Description and recommended application	Part no.		201 202	211 212 453	401/402 201 C 202 C 202 CL	461 462	256 257 258	424 425 435	473 D 475	206 416 Li 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		-	•	-	•	•	•	•	206/441:
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		-	•	-	•	•	•	•	•
	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.			-	•	-	•	•	•	•	•
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.			-	•	-	•	•	•	•	•

Pos.	Designation	Description and re	ecommended ap	plication	Part no.		201 202	211 212 453	401/402 201 C 202 C 202 CL	461 462	256 257 258	424 425 435	473 D 475	206 416 Li 417 441/442
6	Dual nozzle with nozzle set	With its two pivoting for a diverse range of telescopic or extension rows of plants at or the underside of lead of the nozzle heads of the standard scope hollow cone nozzles spray nozzles for tradumny plugs to allow knurled screw, the dua wands without the needs	of applications. In on wands, it enables ince or spray at an answer or to reach aver of delivery includes for large scale placeting large areas, one nozzle to be al nozzle can be atta	conjunction with users to treat two angle, e.g. to treat wkward places. Early approx. 270°. es two preinstaller antings and two fl. The set also contain closed off. Using the	h <b>1</b> at s		-	•	-	•	•	•	•	206/441:
-			2	3	•	4				5	<b>3</b>			6

## Sets of seals for pressure and backpack sprayers

•	Recomme			Suitable	•		Not reco	mmen	led		U	it			
Pos.	Designation	Description an	ıd re	commended application	Par	t no.		201 202	211 212 453	401/402 201 C 202 C 202 CL	461 462	256 257 258	424 425 435	473 D 475	206 416 Li 417 441/442
1	Standard set of seals	Contains all sta models 461 and		rd seals for SOLO pressure sprayer 2.	49	551		-	-	-	•	-	-	-	-
2	Standard set of seals	Contains all sta models 256, 25		d seals for SOLO pressure sprayer d 258.	49	441		-	-	-	-	•	-	-	-
3	Standard set of seals			d seals for SOLO backpack sprayer 5 with piston pump.	49	442		-	-	-	-	-	•	-	-
4	FKM set of seals		258.	SOLO pressure sprayer models  Made from highly resistant FKM  ).	49	577			-		-	•	•	-	-
5	FKM set of seals	and 435 with presistant FKM equipment level	<b>mate</b> I for a	SOLO backpack sprayer models 425 n pump. Made from highly erial ("Viton®"). Standard Ill SOLO backpack sprayer models the Comfort and Pro categories.	49	578		•	-	-	-	-	•	-	-
6	Standard set of seals	models 475 and	<b>d 47</b> 3 diapl	d seals for SOLO backpack sprayer B D Classic with diaphragm pump. nragm made from special, highly naterial (TPV).	49	443		-	-	-	-	-	-	•	-
7	FKM set of seals	and 473 D Clashighly resistant diaphragms mad Tivilon® mater	ssic v It FKI de fro ial. S	SOLO backpack sprayer models 475 vith diaphragm pump. Made from M material ("Viton®"). Including om special, highly resistant tandard equipment level for nd 475 Pro models.	1	579		•	-	-	-	-	-	•	-



## Other accessories

#### Recommended Suitable Not recommended Unsuitable / does not fit 401/402 Pos. Designation Description and recommended application Part no. 212 201 C 462 257 425 475 202 453 202 C 258 435 417 202 CL 441/442 Professional manual valve. Robust, ergonomic design | 49440 made from special plastic material. With childproof lock and connection for installing a pressure gauge (optional). Including all parts necessary for installation. We recommend the professional pressure gauge for Pressure gauge 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. 3 Ball valve filter To prevent dripping after the manual valve has been 49539 **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, **Pro backpack carry-** The comfortable, professional backpack carrying system ing 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 I and 15 I tank capacities (including older models) and is standard equipment for the latest SOLO PRO backpack sprayer models Compressed air Automatic, rapid build-up of pressure saves you having to pump manually. Allows a large pressurised <sup>2)</sup>Only for 258 (2019) 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**. Wheel set Quick-fit, practical wheel set, comprising large, high **2**) 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 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.

## Accessories for backpack power sprayers

•	Recommended	•	Suitable	•	Not recom	mended	-	Un	suitable / d	oes not fit
Pos.	Designation	Description					Part	no.		433
1	Extension wand, 120 cm stainless steel	that <b>require</b> a co ensure safe hand attached to the e	he 120 cm extension war onsiderably extended r ling, it is equipped with a xisting manual valve. Car ess steel spray wand fr	each, e.g an easy g n also be i	. for very tall espa rip plastic sleeve a used in combinatio	liered trees. To nd can be simply n with the	491	83		•
2	Spray wand, 120 cm with shut-off tap and stainless steel changeover nozzle	is suitable for al recommend this v spraying trees in exchange of sta reach can be adj turning the select a short reach an a greater reach.	ay wand made from stainl Il professional assignme vand for high precision s n orchards and other ho ndard spray wand and r justed using the rotating or changes the spray patte d fine droplets, to a nai Including handle and two y wand can be used for c	nts that is praying a rticultura nanual vaselector at ern from the row full of changeou	require an extender and single plant tre I applications. Stra alve. Flow rate, spra the handheld end of the initial broad hollo cone and then to a ter nozzles in differen	d reach. We also atment, e.g. ightforward y pattern and the spray wand: w cone with full jet with t sizes. At higher	491	85		•
3	Telescopic extension wand, 120 - 230 cm stainless steel	that require a collength can be very the large fixing n	he telescopic spray wanc onsiderably extended r ariably adjusted betwo ut made from stainless s' to the existing manual va	each, e.g en 120 a eel. A pla	. for very tall, woo and 230 cm and is le	dy plants. The ocked using	491	89		•
4	Spray boom with 4 nozzles stainless steel	plants. Four prei	ess steel spray boom is sonstalled nozzles, one 75 cent to the existing manua	m stainle	ss steel spray wand		493	00		•
5	Twin nozzle stainless steel	delivery of the SC robust plastic ma	s suitable for <b>universal u</b> DLO 433 backpack power terial; the two individual <b>ers prevent blockages</b> .	sprayer. T preinstall	he nozzle retainer is	made from	491	82		•
6	Extension hose 10 m with retaining bracket	<ul> <li>even when wo to remain on the extension hose is</li> </ul>	or all spraying application orking at moderate heighted e ground. A bonus for control of the 10 m long. The retaining e neatly rolled up and st	ghts whe omfort a bracket fit	re the power spray nd safety. The robusts the filling aperture	er itself has st, high pressure	491	91		•



## Accessories for power misters

•	Recommended	•	Suitable	•	Not recommended	-		Unsuitable / d	loes no	t fit
Pos.	Designation	Descrip	tion			Part	t no.		423	466
1	Dusting attachment	dusting granula parts, su	ing attachment allows the SOLO Por machine. This makes it possible to te or powder form. The standard s ich as the corrugated supply hose, ve alled) and elbow with dusting meteri	apply cope o ntilation	y plant protection medium in of delivery includes all the necessary on manifold, anti-static wire	492	233		•	-
2	ULV nozzle with metering device	the ULV droplet with the to the ai flow rai in all pa	(ultra low volume) process and p s. For droplet sizes between 40 and 5 WHO standard. The very fine mist is r flow from the blower in the mister. tes via a setting wheel. This ULV no	esticions 1 pm (1) spraye The spraye (2) szle is	applied in high concentrations using des are atomised into very fine (VMD), the SOLO ULV nozzle complies of in exactly the right direction thanks or ay liquid can be set to one of four of particularly suitable for vector control of pathogens such as mosquitoes and		180		•	•
3	Twin nozzle	and enl separate 90° wit while m jet to c for exan attachm	isting. This makes it suitable for very ompletely separating it to be ablingle when treating two rows at the	upplied ng noz ern ca versat e to sp e sam	d can be regulated at each nozzle zles can be adjusted from 0° to n be altered from parallel to 90° even tile applications, from enlarging the pray in two different directions,	491	137		•	•
4	Extension wand	extendo a SOLO	ed, which is helpful when sprayin	<b>g targ</b> ghly re	nimed more accurately as well as yets some distance away. The use of ecommended in conjunction with the y liquid when spraying vertically.	493	333		•	•
5	Liquid booster pump	planting reach. I	mmend using the liquid booster pum s that <b>predominantly require an u</b> t enables a reliable supply of spray li tension wand 49333.	pwar		491	117		•	•



# Two-stroke oil and mixing container

•	Recommended	Suitable	Not recom	mended	-	Unsuita	able / do	oes not	fit
	Designation	Description		Part no.		433	423	466	468
1	SOLO Profi 2T engine oil 1 I (for 50 I of two-stroke fuel mixture)	Semi-synthetic universal engine oil with Contains cleaning and corrosion-inhibitin Suitable for mixture lubrication and sepa all air-cooled two-stroke engines. The dis contains ensure automatic and even mixi - Prevents the fuel mixture from ageing - Enables trouble-free engine start even after periods - Protects against corrosion - Keeps the fuel system clean - Excellent ignition capability 2 years; ever grade fuel is used Specifications: JASO FD, ISO-L-EGD, APITC, G Mixing ratio 1:50 (observe instructions from a manufacturer)	ng additives.  Arate lubrication of solving agents it ing with the fuel.  Standing for long  In longer when high LOBAL GD	49104		-	•	•	•
2	Mixing container 1 I	Practical, compact mixing container for t without spills or drips, and practical mixi mixture (petrol/oil). Including funnel and The funnel makes it easier to fill the tank, even narrow filler necks. Hard to lose: when not i be inserted into the mixing container and hel screw cap. The cap can also help to achieve 2-stroke fuel: 1 cap full of two-stroke oil to 1 a mixing ratio of 1:50.	ing of 2-stroke fuel measuring cap. en in the case of n use, the funnel can d in place with the an accurate ratio for	49278		-	•	•	•



# Batteries and chargers

•	Recommended	•	Suitable	ended	-	Uns	suitable /	does not	fit		
	Designation	Desc	ription		Par	t no.		206/441	442		
1	Lithium-ion battery 11.1 V 2.5 Ah	Com	pact 11.1 V lithium-ion battery. In	494	185		•	-			
2	Standard charger 1.5 A		pact charger for external charging ery. Charging current 1.5 A Include			um-ion	494	186		•	-
3	Lithium-ion battery 18 V 2.5 Ah	Com	pact 18 V lithium-ion battery. Inclu	ıded	with model 442.		49481			-	•
4	Lithium-ion battery 18 V 5.0 Ah		pact 18 V lithium-ion battery with h. Enables longer periods of use.	high	capacity of 5 Ah, po	ower capacity	494	182		-	•
5	Standard charger 2 A	Com Char	pact charger for external charging ging current 2 A Included with mod	494	183		-	•			
6	4 A express charger		ompact express charger for external charging of SOLO 18 V lithium-ion batteries. Vith increased 4 A charging current for shorter charging times.							-	•













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

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Subject to technical modifications.

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