



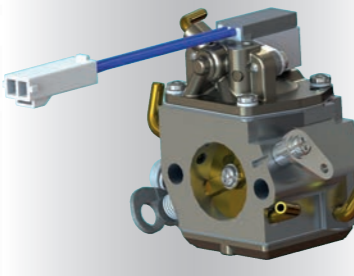
solo[®]
THE BETTER CHOICE. SINCE 1948.
German quality sprayers and cut-off machines

Accessories

Equipped for all tasks:
Whether stone or metal, the right accessories make SOLO cut-off machines universal tools. Your SOLO specialist dealer will be happy to advise you.


Starting has never been easier

The electronic ignition system controls the carburettor and automatically selects the optimum adjustment – already from the start and without a choke. The primer provides the carburettor with fresh fuel and the built-in decompression valve with new, improved ergonomic operation allows soft starting. Stopping? A push on the button is all that is required. The OnePush-Stop-System shuts down the engine and immediately prepares it for renewed operation without further adjustments.




Ingenious air filter system

The effective multi-stage air filter system with patented twin-pipe-interceptor constantly blows dust away from the machine. At the same time air is being blown out from the two suction pipes. This ensures that only pre-filtered air will reach the paper segments of the main filter. The accessibility of the air filter has been greatly simplified for easy maintenance.



Ergonomic advantages save strength while working

Optimum weight distribution is the decisive factor for handheld machinery. SOLO Cut-off Machines are unique in this power range with their compact design, optimum handle symmetry and the use of light but robust materials. The cutting wheel protection cover made from magnesium, the 5-point anti-vibration system and the rubber covered handles are three examples of the many inspired details that also include the solid cutting arm for use with inside/outside cuts.



Componentry with built-in low wear factory

The cutting wheel is driven by a low wear ribbed V-belt that is easily re-adjusted with a semi-automatic tensioning system. A special quality starter rope lasts 10 times longer than standard ropes. The SOLO high performance power plant features a coated cylinder and 2-ring piston for maximum service life expectancy.




Water pressure tank
Fill capacity 11 litres
For the mobile supply of water for the wet cut and the prevention of dust development on building sites. Exceptionally robust tank for the intensive use. Supplied with 3.5m of hose to connect to cut-off machine.
Part no. 49852



Wheel set for pressure water tank
Quick-fit, practical wheel set, comprising large, high grip wheels incl. axle and a handle for easy tilting and movement. This enables the pressure water tank 49852 to be transported comfortably, without having to be carried.
Part no. 49211



Semi-synthetic **universal two-stroke engine oil** with fuel stabiliser. Contains cleaning and corrosion-inhibiting additives. Mixing ratio 1:50
Part no. 49104



Compressed air supply valve to build pressure without having to pump manually.
Part no. 49590

solo[®]
THE BETTER CHOICE. SINCE 1948.
German quality sprayers and cut-off machines

SOLO Kleinmotoren GmbH
P.O. Box 60 01 52
D-71050 Sindelfingen
Telephone +49 (0) 70 31 / 301 - 0
Fax +49 (0) 70 31 / 301 - 202
www.solo.global
Email: info@solo-germany.com

Subject to changes in design and production.

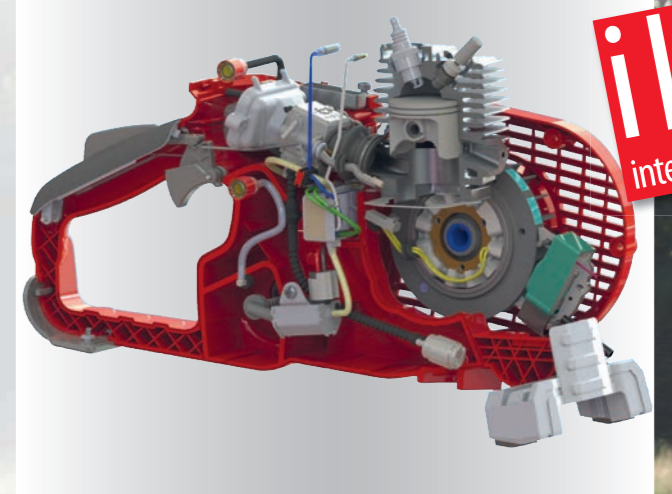


70 300 10/2022

Technology driven by Innovation

Inspired details:
The quality of a work tool becomes apparent with daily hard use under arduous and gruelling conditions. For that reason, SOLO aimed for uncomplicated operation of the machines with outstanding ergonomic handling and robust design. SOLO Cut-off machines are equipped with features that are innovative and exceptional.

Patented world's first iLube®. Never again worry about the fuel mixture
iLube® stands for "intelligent lubrication". It is our patented system for separate engine lubrication. An electronically controlled pump adds the correct quantity of 2-stroke oil, metered to suit the engine speed, to the fuel from a separate oil tank with a volume capacity of 0.32 litres.



iLube[®]
intelligent LUBRICATION

Advantages, specific to SOLO Cut-off machines - thanks to iLube®

iLube® prevents expensive damage
There is no need to pre-mix fuel and oil. This excludes any risk of incorrect fuelling – a main cause for expensive engine damage. Amazingly, the full contents of the separate oil tank are sufficient for up to 20 fuel tank fillings.

When there is insufficient oil in the tank, the engine automatically switches to a fault mode that reduces the engine speed to just above idling. This will also prompt a change in the engine sound compared with normal operation. This is the signal to replenish the oil tank.

iLube® saves money
Instead of having to use expensive, pre-mixed two-stroke fuel, you simply use standard fuel.

iLube® makes it less complicated:
Simply fill oil and fuel in the separate tanks and away you go. It lets you concentrate on the work ahead while the intelligent separate engine lubrication system from SOLO will take care of fuel mix matters.

Cut-off Machines and Accessories



Powerful models for genuine hard work

SOLO Cut-off machines effortlessly cut their way through concrete, steel, asphalt, cast iron or stone. They also set a new benchmark because ergonomic features, technical details and the ease of maintenance are quite unique in this engine class. All models are designed for the use of cutting wheel diameters of 12" / 300 mm or 14" / 350 mm. The 881-series is additionally equipped with the innovative separate lubrication system iLube®. At the core of all SOLO Cut-off machines is the modern 81 cm³ high performance two-stroke power plant, developed and manufactured by SOLO in Sindelfingen, Germany. The power rating of 4 kW is more than sufficient to cut the hardest materials. Amazingly, these engines produce very low emission despite their high performance output.



Model features of SOLO Cut-off machines

Model	881-12	881-14	880-12	880-14
iLube®	•	•	-	-
Oil tank, litres	0,32	0,32	-	-
Carburettor with primer	•	•	•	•
Automatic choke	•	•	•	•
Cutting wheels – Ø * /mm	12/300	14/350	12/300	14/350
Cutting depth max. mm	100	125	100	125
Measurements (L/W/H) mm	750/267/430	775/267/430	750/267/430	775/267/430
Weight¹ kg	10,4	10,5	10,1	10,2

¹ no fuel and no cutting wheel

Common model features of SOLO Cut-off machines

Engine	SOLO 2-stroke, 4-port scavenging
Engine capacity cm³	81 cm³
Performance (kW/HP)	4.0 / 5.45 (at 9300 1/min)
Digital electronic ignition	•
Fuel tank capacity, litres	0,9
Tank lid with over tightening prevention	•
Decompression valve	•
Twin-pipe air filter	•
Water connection set	•
Spindle diameter/shaft² Ø mm	20
Sound pressure level³ dB(A)	98
Sound power level¹ dB(A)	108
Weighted effective acceleration⁴ Rear handle / front handle m/s²	4,5 / 6,0

² Spindle adaptor supplied for use with 25.4 mm (1") wheel centre
 ³ Insecurity K purs. to EC directive 2006/42/EC: 2.5 dB(A)
 ⁴ Insecurity K purs. to EC directive 2006/42/EC: 2 m/s²

