

SHORT-INFO

LMW 5400 PushPull

Water-cooled MIG-MAG torch with Push-Pull system.

- Water-cooled
- Up to 500 A
- For greater distances
- Lightweight
- Ergonomically shaped gun handle recess
- Wear-resistant protective cover hose
- Powermaster control



At a glance

Powerful

Our water-cooled Lorch LMW 5400 PushPull torch allows you to weld at up to 500 amperes when using CO₂ and at up to 450 amperes when using mixed gas.

Dual circuit cooling system

The built-in dual circuit cooling circuit increases the water flow, allowing you to optimise the cooling of your torch especially during pulse welding applications.

PushPull

By applying the PushPull principle we managed to combine the wire feed unit of your MIG-MAG welding machine with a dedicated pull system inside the torch, thereby affording you the option of covering great distances.

Ergonomics

Thanks to its ergonomic design and low weight, the Lorch LMW 5400 PushPull torch can be guided with perfect ease and without causing any fatigue during welding.

Flexibility

Rotating the torch neck of the Lorch LMG 5400 PushPull by 360° into any position is as easy as can be and does not require any tools. This helpful feature allows you to complete even the toughest welding jobs in the most hard-to-reach places.

Benefits

User-friendly

The exchangeable nozzle holder and the plug-in gas nozzle with gas nozzle seat make replacing wear parts quick and easy and ensure that your torch is always in proper condition and ready for use. The durable and cost-saving wear parts of the Lorch LMG 5400 PushPull make the use of this machine highly cost-effective.

Ergonomics

The ergonomically shaped gun handle recess of the Lorch LMG 5400 PushPull torch provides for first-rate handling and balance in any position. The soft-grip insert and the low weight of the torch guarantee operating comfort at the highest level. Rotating and interchangeable, the torch neck is suitable for a wide range of applications.

Increased range

The PushPull principle entails the combination of the wire feeder unit built into the MIG-MAG welding power source with an automatic pull system in the torch. This technology allows you to achieve feeding ranges of 8m, even for soft aluminium wires, and up to 20 m if you combine it with the use of a separate wire feeder. The system monitors and, in case of deviations, restores synchronised operation automatically, thereby minimising abrasion and wire deformation.

Robust

The sturdy construction of the Lorch LMG 5400 PushPull torch, which includes bolted, impact-resistant handle recesses and a spring support, provides for a long service life of the machine.

Powermaster control

The Powermaster control lets you control key parameters directly at the torch and allows you to retrieve the settings of your welding jobs stored in the job memory.

Tiptronic

Using the Tiptronic facility, you simply save the ideal setting for each weld in the required sequence. The job memory makes it quick and easy to load up to 100 work values one after the other when you need them.

Controlconcept

Standard

- Large control button for switching the machine on and off
- Suitable for 2-cycle/4-cycle Operation

Powermaster

- Large control button for switching the machine on and off
- Suitable for 2-cycle/4-cycle operation
- With UpDown function for remote power source control
- Digital display for indication of welding current, material thickness, wire feed speed or arc length correction
- Mode button for toggling between the different welding parameters and selecting the welding job in Tiptronic-job mode

Technical Data: MIG-MAG PushPull torches**LMG 3600 PushPull****LMW 5400 PushPull**

Type of torch

type of cooling	gas-cooled	water-cooled
-----------------	------------	--------------

MIG-MAG

Load CO ² (in A)	310	500
-----------------------------	-----	-----

Load M 21 mixed gas (in A)	260	450
----------------------------	-----	-----

Duty cycle

Duty cycle (in %)	60%	100%
-------------------	-----	------

Field of application

weldable wires (in mm)	0,8-1,6	0,8-1,6
------------------------	---------	---------

Torch equipment

Standard equipment for wire:	1.2 aluminium	1.2 aluminium
------------------------------	---------------	---------------

Torch connection	Euro-ZA	Euro-ZA
------------------	---------	---------

Standards and approvals

standard	EN 60974-07	EN 60974-07
----------	-------------	-------------