

SHORT-INFO

# MW 5900

## Water-cooled MIG-MAG torch.

- Water-cooled
- Up to 550 A
- Grip handle recess, size 2
- Premium-quality ball joint
- Exchangeable nozzle holder
- Wear-resistant protective cover hose
- Euro central connection
- Powermaster optional
- Long duty cycle
- Dual circuit cooling system



## At a glance

### Grip handle recess, size 2

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

### Robust

The Lorch MW 5900 owes its exceptionally long service life to its sturdy construction including bolted, impact-resistant handle recesses, hard-wearing torch push button, cable support at the ball joint and central connection and the wear-resistant protective cover hose.

### User-friendly

The exchangeable nozzle holder and the plug-in gas nozzle with gas nozzle seat make changing the wear parts quick and easy. The durable and cost-saving wear parts of the Lorch MW 5900 make the use of this machine highly cost-effective.

### Dual circuit cooling system

The dual circuit cooling circuit increases the water flow, allowing you to optimise the cooling of your torch and to make it ideally suited for pulse welding applications.

### Attached cover caps

To prevent you from losing them ever again, the cover caps sealing the water hoses are now firmly attached to the water hose.

### Fast torch change

The Euro central connection fitted on the Lorch MW 5900 makes changing the torch as fast and straightforward as can be.

### Powerful

Our water-cooled Lorch MW 5900 torch allows you to weld at up to 550 amperes when using CO<sub>2</sub> and at up to 500 amperes when using mixed gas.

## **Versatile**

The hose package included with the Lorch MW 5900 torch is available as a 3m, 4m and 5m option.

## **Dependable**

The isolated wire spiral housed inside the Lorch MW 5900 ensures a reliable wire feed.

# Benefits

## **Flexibility**

Its high-quality ball joint fitted at the handle combined with the elastic rubber cable support afford you superior freedom of movement when using the torch.

## **Grip handle recess**

The ergonomically shaped gun handle recess of the Lorch MW 5900 provides for first-rate handling and balance in any position. The soft-grip insert guarantees operating comfort at the highest level to ensure that you will not tire when welding for extended periods.

## **Powermaster control**

The Powermaster variant of our Lorch MW 5900 lets you control key parameters directly at the torch and load the settings of your welding jobs from the job memory one at a time.

## **Tiptronic**

Using the Tiptronic facility in the Powermaster variant, 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 torches, water-cooled**

	<b>MW 5300</b>	<b>MW 5400</b>	<b>MW 5500</b>	<b>MW 5900</b>
Type of torch				
type of cooling	water-cooled	water-cooled	water-cooled	water-cooled
MIG-MAG				
Load CO <sup>2</sup> (in A)	300	400	500	550
Load M 21 mixed gas (in A)	270	350	450	500
Duty cycle				
Duty cycle (in %)	100%	100%	100%	100%
Field of application				
weldable wires (in mm)	0,8-1,2	0,8-1,2	1,0-1,6	0,8-1,6
Torch equipment				
Standard equipment for wire:	1,0	1,0	1,0	1,0
Handle recess	1/2 (PM)	1/2 (PM)	1/2 (PM)	2
Torch connection	Euro-ZA	Euro-ZA	Euro-ZA	Euro-ZA
Standards and approvals				
standard	EN 60974-07	EN 60974-07	EN 60974-07	EN 60974-07