

## SHORT-INFO

# ML 4500

### Gas-cooled MIG-MAG torch.

- Gas-cooled
- Up to 370 A
- Grip handle recess, size 2
- Premium-quality ball joint
- Function-integrated, exchangeable nozzle holder
- Powermaster optional



## 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 sturdy construction of the Lorch ML 4500 torch, which includes bolted, impact-resistant handle recesses, a hard-wearing torch push button and an elastic rubber cable support at the ball joint, provides for a long service life of the machine.

### User-friendly

The exchangeable nozzle holder and the screw-on gas nozzle for increased process reliability make changing the wear parts quick and easy. Better yet, since nozzle holder, gas diffuser and gas nozzle carrier have been combined in one part, you will not have to replace as many individual parts.

### Fast torch change

The Euro central connection fitted on the Lorch ML 4500 makes changing the torch as fast and straightforward as can be.

### Dependable

The isolated wire spiral housed inside the Lorch ML 4500 ensures a reliable wire feed.

### Versatile

The hose package included with the Lorch ML 4500 torch is available as a 3m and a 5m option.

## 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. Lightweight and flexible, the included coaxial cable provides you with the freedom you need to complete your work in various different positions.

### **Grip handle recess**

The ergonomically shaped gun handle recess of the Lorch ML 4500 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 ML 4500 lets you control such essential parameters as the settings of your welding jobs directly at the torch.

### **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-Brenner gasgekühlt**

	<b>ML 1500</b>	<b>ML 2400</b>	<b>ML 2500</b>	<b>ML 3600</b>	<b>ML 3800</b>	<b>ML 4500</b>
Type of torch						
type of cooling	gas-cooled	gas-cooled	gas-cooled	gas-cooled	gas-cooled	gas-cooled
MIG/MAG						
Load CO <sup>2</sup> (in A)	180	250	230	300	320	370
Load M 21 mixed gas (in A)	150	220	200	270	270	300
Duty cycle						
Duty cycle (in %)	60%	60%	60%	60%	60%	60%
Field of application						
weldable wires (in mm)	0,6-1,0	0,8-1,2	0,8-1,2	0,8-1,2	0,8-1,6	1,0-1,6
Torch equipment						
Standard equipment for wire:	0,8	1,0	1,0	1,0	1,2	1,2
Handle recess	1 / 2 (PM)	1 / 2 (PM)	1	1 / 2 (PM)	1 / 2 (PM)	2
Torch connection	Euro-ZA	Euro-ZA	Euro-ZA	Euro-ZA	Euro-ZA	Euro-ZA
Standards and approvals						
standard	EN 60974-07	EN 60974-07	EN 60974-07	EN 60974-07	EN 60974-07	EN 60974-07