

SHORT-INFO

ML 3800

Gas-cooled MIG-MAG torch.

- Gas-cooled
- Up to 300 A
- Grip handle recess, size 1
- Premium-quality ball joint
- Function-integrated, exchangeable nozzle holder
- Powermaster optional



At a glance

Grip handle recess, size 1

Thanks to its ergonomic design and low weight, the torch can be guided with perfect ease and without causing any fatigue during welding. The grip handle recess used in the Powermaster variant is a size 2 handle recess.

Robust

The sturdy construction of the Lorch ML 3800 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 3800 makes changing the torch as fast and straightforward as can be.

Dependable

The isolated wire spiral housed inside the Lorch ML 3800 ensures a reliable wire feed.

Versatile

The hose package included with the Lorch ML 3800 torch is available as a 3m, 4m and 5m option.

Benefits

Controlconcept

Technical Data: MIG-MAG torches, gas-cooled

| | ML 1500 | ML 2400 | ML 2500 | ML 3600 | ML 3800 | ML 4500 |
|------------------------------|----------------|----------------|----------------|----------------|----------------|----------------|
| Type of torch | | | | | | |
| type of cooling | gas-cooled | gas-cooled | gas-cooled | gas-cooled | gas-cooled | gas-cooled |
| MIG-MAG | | | | | | |
| Load CO ² (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 |