

SHORT-INFO

M 222

Durable, robust, and simply exceptional.

- Automatic setting control
- Quality wire feeder
- Robust case
- Powerful cooling system
- Double chain gas cylinder lock



At a glance

Automatic setting control

Allowing you to automatically adjust the wire feed speed to the selected voltage level, the Lorch M 222 makes it a cinch to find the perfect operating point.

Quality wire feeder

The Lorch M 222 comes standard with a 2-roll wire feeder.

Robust case

Boasting a compact and rugged housing supported on four stable wheels, the Lorch M 222 can easily be stowed under the workbench or used as a storage surface as it allows you to place your equipment on its top.

Double chain gas cylinder lock

Designed to offer maximum safety, the Lorch M series is furnished with a double chain gas cylinder lock. This lets you move your power source around without running any risk.

Benefits

Powerful cooling system

The highly efficient cooling system built into every model of Lorch's M series provides for superior heat dissipation and the longest possible duty cycle.

Detachable welding return cable

Changing the welding return cable on your Lorch M 222 is quick and easy and can be done without the need for any tools.

Operating mode selection

The operator can freely select the operating mode of the Lorch M 222 and choose between 2-cycle mode and 4-cycle mode all the way to spot and interval welding.

One system that can do it all

The Lorch M 222 is always a pleasure to work with - whether you need to process sheet metal or perform light to medium-duty steel work.

Controlconcept

Standard

- "3 steps to weld" operating concept
- With automatic setting control
- 2-cycle, 4-cycle and spot welding
- 2-roll wire feeder
- 12 voltage Levels



Technical Data: M series**M 222****M 242****M 304**

MIG-MAG

| | | | |
|----------------------|---------|---------|----------|
| Welding range (in A) | 25-210 | 30-230 | 30-290 |
| voltage setting | 6 steps | 7 steps | 12 steps |

Duty cycle

| | | | |
|---|-----|-----|-----|
| duty cycle 100% 40 °C (in Amps) | 85 | 115 | 135 |
| duty cycle 60% 40 °C (in Amps) | 135 | 155 | 175 |
| duty cycle at max. current 40 °C (in %) | 15% | 20% | 20% |

Feeder and wire

| | | | |
|----------------------------------|---------|---------|---------|
| wire feed unit | 2 rolls | 2 rolls | 4 rolls |
| weldable wires steel (in mm) | 0,6-1,0 | 0,6-1,0 | 0,6-1,2 |
| weldable wires aluminium (in mm) | 1,0-1,2 | 1,0-1,2 | 1,0-1,2 |

Mains

| | | | |
|---------------------------------|---------------|--------|--------|
| mains voltage (in V) | 230 | 400 | 400 |
| phases (50/60 Hz) | 1~ | 3~ | 3~ |
| Mains voltage 2 (in V) | 400 | --- | --- |
| positive mains tolerance (in %) | 15% | 15% | 15% |
| negative mains tolerance (in %) | 15% | 15% | 15% |
| mains fuse (in Amps) | 16 | 16 | 16 |
| mains plug | Schuko/CEE 16 | CEE 16 | CEE 16 |

Dimensions and weights

| | | | |
|----------------------------|-------------|-------------|-------------|
| dimensions (LxWxH) (in mm) | 870x390x610 | 870x390x610 | 870x390x610 |
| weight (in kg) | 55 | 57 | 67 |

Standards and approvals

| | | | |
|-----------------------------|-------------|-------------|-------------|
| standard | EN 60974-01 | EN 60974-01 | EN 60974-01 |
| protection class (EN 60529) | IP23S | IP23S | IP23S |
| insulation class | F | F | F |
| designation | CE, S | CE, S | CE, S |