

# THE CLASSIC. RAISED TO PER- FECTION.

The M-Series.

## THE WORKSHOP FAVOURITE FOR MORE THAN 30 YEARS.

Have you learned your trade in a locksmith's shop, metalworking shop, or automotive workshop? That means you probably made your first welds with a Lorch M system at the time because our M series is the absolute classic and perfect all-rounder for the trade – and has been for over 30 years. Of course, there have been some great changes since. All of this has been incorporated into our M-Series: Micro-processor control, state-of-the-art feed motor technology, automatic setting, etc. mean that welding with the M today leaves you with far less work to do on your own. Only 3 settings are necessary for perfect workmanship. We did without all the bells and whistles.

One thing that has never changed, however, is that our MIG-MAG welding units are robust and of high quality. Do you need any proof for it? Just take a look around the old master operations, where you may even still find M-systems from the very first generation – from back in 1989 (!). It proves that the Lorch M is near-indestructible. More still, it is also cost-efficient. Converted into years of operation, you will find that it costs barely anything at all.



### M 222

- Welding range 25 - 210 A
- Steel/stainless steel: up to 8 mm/wire Ø 0.6 - 1.0 mm
- Aluminium: up to 8 mm/wire Ø 1.0 - 1.2 mm
- 6 voltage levels
- Switchable 230 V - 400 V



### M 242

- Welding range 30 - 230 A
- Steel/stainless steel: up to 10 mm/wire Ø 0.6 - 1.0 mm
- Aluminium: up to 10 mm/wire Ø 1.0 - 1.2 mm
- 400 V
- + 7 voltage levels



### M 304

- Welding range 30 - 290 A
- Steel/stainless steel: up to 15 mm/wire Ø 0.6 - 1.2 mm
- Aluminium: up to 18 mm/wire Ø 1.0 - 1.2 mm
- 400 V
- + 12 voltage levels



# DURABLE, ROBUST, SIMPLY GOOD.

The M series is your gateway to professional MIG-MAG-welding. However, you're entering on such a high level with it that you should really bring a ladder. The Lorch M is stuffed with high-tech and sophisticated detail solutions, leading to an unbeatable price-performance ratio.

Facts and figures: Quality wire feed. Tension-free wire threading at the touch of a button in the ergonomic wire feed compartment. Processor controlled MIG-MAG logic. Large, sturdy wheels. Double gas cylinder safety device. Rectifier with overload protection. Powerful cooling system. Around a core of the best 50 Hz main transformers with ideally matched welding choke. Everything made in Germany.



## Perfect welding properties for best results

- Processor controlled MIG-MAG logic for electronic control.
- Welding current
- Wire feed
- Wire burn-back
- Spot time
- Gas postflow
- Finely tuned switching levels for best welding parameters from thick to thin.
- Selectable 2-step tack welding, 4-step continuous welding or spot welding with freely adjustable spot time
- **Automatic setting:** Always find the perfect welding parameters with the help of the automatic adjustment of the wire feed speed to the selected voltage level.



## User-friendly and secure

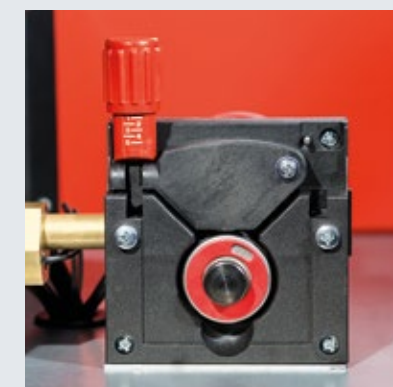
- Switchable devices can also be switched to 230 V when the heavy-current power plug is connected.
- **Double gas cylinder safety device:** Safely move your power source including gas cylinder (up to a maximum of 20 litres).
- Optimally matched transformer-choke combination with powerful cooling system and overload protection.
- **Total stop roller** prevents the system from rolling away.



- **Energy efficient** due to thermocontrol and fan standby. The standby system reduces fan noise, pollution, and energy consumption.

## Well built: robust and simply good

- Compact, robust housing with sturdy wheels and horizontal wire reel holder
- Quality wire feed with tension-free wire threading at the touch of a button in the ergonomic wire feed compartment.
- Your Lorch M can easily be stored under the workbench due to its compact housing.
- Standard rubber mat on the system as a storage surface.



M 222 and M 242: 2-roll wire feed



M 304: 4-roll wire feed