SHORT-INFO

MX 350

The Workhorse for Construction Sites and Maintenance.

- Multi-process for every application
- 15 meter radius around the power source
- For tough daily construction site operations



At a glance

Multi-process for every application
Besides MIG-MAG, also suitable for TIG, electrode, and CEL welding.

15 meter radius around the power source
Separable wire feeder case and power source.

For tough daily construction site operations
Light, splash-proof, and fall-proof up to 60 cm.

MIG-MAG welding function
Including option to activate MIG-MAG synergic mode separately to guarantee outstanding MIG-MAG welding characteristics for both mixed gas and CO_2.

Multi-processing
When combined with a separate wire feeder case MF-07, the Lorch MX 350 is an ideal choice as a MIG-MAG welding system for use on the go. Better yet, it is also suitable for TIG, electrode and CEL welding and can be adapted to a wide range of applications.

Enhanced performance thanks to MicorBoost
As soon as the current is reduced due to external disruptions, significantly higher voltage reserves are then activated. The result is electrode welding that leaves nothing to be desired.

Wear-resistant
Its robust housing that offers all-around protection against water ingress and falls from a height of up to 60 cm make the Lorch MX 350 the best machine you can choose for your mobile applications in the field. As an added bonus, the circuit boards are shielded from dust by InsideCoating.

Benefits

Gouging.
Apart from electrode welding, the Lorch MX 350 also handles gouging applications without a hitch.

Dependable
When applying MICOR technology, you can rest assured that your machine will ignite in reliable fashion and produce a stable arc even when operated on power mains cables with a length of up to 200 metres or when hooked up to a generator.

Electrode welding function
Electrode welding with Hotstart, Anti-Stick and Arc-Force regulation. The automatic Hotstart feature guarantees perfect ignition every time, while the Anti-Stick system reliably prevents the electrode from sticking, and Arc-Force regulation supports the welding process by providing for increased arc stability and optimised metal transfer. Moreover, the Lorch MX 350 allows you to complete vertical down-welding operations using cellulose electrodes with perfect reliability.

Controlconcept

BasicPlus
• "3 steps to weld" operating concept
• exact-ampere digital display
• MIG-MAG: Option to select synergic-controlled characteristic curves; operating mode: 2-stroke/4-stroke
• Advance selection of electrode for optimum results
• Hotstart can be set in submenu
• Can switch to TIG function
• Remote control connection
• Electrode pulse function



Technical Data: MX series

	MX 350
MIG-MAG	
Welding range (in A)	10-350
voltage setting	infinitely variable
Electrode	
welding range (in Amps)	10-350
current setting	infinitely variable
weldable electrodes (mm)	1.5-8.0 (CEL 6.0)
Duty cycle	
duty cycle 100% 40 °C (in Amps)	230
duty cycle 60% 40 °C (in Amps)	280
duty cycle at max. current 40 °C (in %)	35%
Feeder and wire	
wire feed unit	4 rolls
weldable wires steel (in mm)	0,8-1,2
weldable wires aluminium (in mm)	1,0-1,2
Mains	
mains voltage (in V)	400
phases (50/60 Hz)	3~
positive mains tolerance (in %)	25%
negative mains tolerance (in %)	40%
mains fuse (in Amps)	25
mains plug	CEE 32
Dimensions and weights	
dimensions (LxWxH) (in mm)	515x185x400
weight (in kg)	18,6
Standards and approvals	
standard	EN 60974-01
protection class (EN 60529)	IP34S
insulation class	F

designation	CE, S