SHORT-INFO

X 350

Added strength for large electrodes and ideally suited for CEL thanks to MicorBoost.

- MicorBoost Technology
- Tough housing
- For basic, rutile, cellulose and special electrodes
- Hotstart, Anti-Stick and Arc-Force regulation
- DC-TIG with ContacTIG
- MicorUp



At a glance

Extended range
Our MicorBoost technology is responsible for the superior welding characteristics of the Lorch X 350 and guarantees a highly stable and forceful arc even if the machine is operated on cables with a length of up to 200 m.

Multi-talented
The Lorch X 350 is always the perfect choice when you need to weld with basic, rutile and special electrodes that have a diameter of up to 8 mm or need a tool that can handle vertical down-welding operations with cellulose electrodes (CEL). What is more, ContacTIG allows you to perform TIG welding operations using direct current.

MicorBoost Technology
Performance boost thanks to MicorBoost. As soon as the current is reduced due to external disruptions, significantly higher voltage reserves can now be activated. The result is perfect electrode welding – including for CEL and other special electrodes.

Hotstart
Thanks to the adaptive automatic Hotstart feature you can always count on perfect ignition.

Anti-Stick System
The Anti-Stick system prevents the electrode from sticking.

Arc-Force regulation
Arc-Force regulation supports the welding process with increased arc stability and optimised metal transfer.

Mobile
Thanks to its low weight the Lorch X 350 preserves your mobility and flexibility no matter where your work takes you.

Remote control
The Lorch X 350 can now also be controlled using an optional hand or foot remote control.

Lorch X 350 PST
The PST variant of the Lorch X 350 includes a helpful polarity change function. This feature eliminates the need for plugging the welding cable in at a different port as the remote control lets you effortlessly reverse the polarity.

Benefits

Electrode vertical seam welding with MicorUp
When combined with the ControlPro operating concept, the Lorch X 350 model applies MicorUp technology to produce flawless vertical seams with basic electrodes. You no longer have to swing back and forth, but can simply guide the electrode straight up. Thanks to patented control technology the MicorBoost technology always provides sufficient power to keep the arc ignited and stable. What is more, MicorUp now does away with the need to weld in two passes, as one pass with a large electrode will suffice.

Wear-resistant
In an effort to make the Lorch X 350 the perfect tool for use in the field, we gave it compact external dimensions, protection against falls from a height of up to 60 cm, protection against water splashes, and shielding against dust and foreign particles. The specially designed base guarantees sufficient ground clearance and provides a stable platform. This intricate design even makes it possible to place the Lorch X 350 in accumulated water up to the level of the base plate.

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

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

CC and CV curve for MIG-MAG welding
The Lorch X 350 can also be used with semi-automatic MIG-MAG wire feeder cases.

Controlconcept

BasicPlus
- "3 steps to weld" operating concept
- 7-segment display, exact to the amp
- With electrode pre-selection
- With optional HotStart activation
- Suitable for use with semi-automatic MIG-MAG wire feeder cases
- Including on-demand TIG function



ControlPro

- "3 steps to weld" operating concept
- 7-segment display, exact to the amp
- With electrode pre-selection
- With optional HotStart activation
- Including on-demand TIG function
- Suitable for use with semi-automatic MIG-MAG wire feeder cases
- With MicorUp function



Technical Data: X series

	X 350
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% (in Amps)	230
duty cycle 60% (in Amps)	280
duty cycle at max. current (in %)	35%
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)	18,6/20,2
Standards and approvals	
standard	EN 60974-01
protection class (EN 60529)	IP34S
insulation class	F
designation	CE, S