



Ignis

250

The Ignis 250 impresses with reliable welding power of up to 250 amperes during MMA welding – even under difficult conditions such as unstable grids or generator-powered operation. It ensures a constant, stable arc and perfect welding results, even over long distances.

All this makes the Ignis 250 the perfect choice for construction sites, for repair and maintenance work in industry and agriculture, and for ambitious DIY enthusiasts.



Reliable in every situation

- Mobile and robust
- Full power even with long grid leads
- Easy and user-friendly operation

Impressive features

- MMA welding up to 250 A
- HotStart/SoftStart/anti-stick
- MMA Pulse
- TrackingArc
- Remote control operation (via TIG Multi Connector connection)
- TIG function: with touchdown ignition
- Time shutdown (300 s/900 s/off)

XT variant

- Three-phase 200–600 V -10 %/+10 %
- Single-phase use up to 250 A (depending on mains fuse)
- Full generator compatibility
- Higher energy efficiency





Intuitive control, wide range of settings

- Rotary and push button
(can also be operated with gloves)
- Range of welding processes:
MMA, CEL, TIG
- 5 EasyJobs
- Favorites button
- Welding process indicator
- Setting values: Arc-force dynamic,
welding current, HotStart/SoftStart,
Pulse



Technical data

The Ignis 250 is ideal for mobile use. The robust construction of the device as well as the integrated stainless steel filter provide reliable protection even in demanding outdoor welding tasks or volatile weather conditions..

	Ignis 250	Ignis 250 XT
Welding current -10 %/+10 %, 50/60 Hz	3 x 400 V	3 x 200–575 V / 1 x 230 V
Power consumption (at 100 % D.C.)	7.2 kVA	5.6 kVA
Cos phi	0.99	0.99
Efficiency	89 % (at 250 A)	89 % (at 250 A)
Welding current range Electrode TIG		10–250 A 3–300 A
Electrode/ Welding current range at 10 min/40 °C (104 °F)	250 A (40 % D.C.) 220 A (60 % D.C.) 180 A (100 % D.C.)	250 A (40 % D.C.) 220 A (60 % D.C.) 180 A (100 % D.C.)
TIG/Welding current range at 10 min/40 °C (104 °F)	300 A (40 % D.C.) 260 A (60 % D.C.) 210 A (100 % D.C.)	300 A (40 % D.C.) 260 A (60 % D.C.) 230 A (100 % D.C.)
Open-circuit voltage Electrode TIG		101 V 39 V
Working voltage Electrode TIG		20,4–30,0 V 10,3–22,0 V
Degree of protection		IP 23
Dimensions l/w/h		488 x 210 x 369 mm 19.2 x 8.4 x 14.5 in.
Weight	17.96 kg 39.6 lb.	17.3 kg 38.1 lb.

