

MinarcTig 250, 250MLP

Powerful, portable and compact



- Excellent low current ignition
- Clear parameter display
- Pre and post gas timer
- Slope in/out timer
- Torch switch latching
- Pulse welding option
- Suitable for mains or power generator use

Applications

- Installation and set-up
- Repair and maintenance
- Thin sheet metal fabrication workshops
- Chemical and process industry

Refined TIG welding quality for precise applications

MinarcTig 250 is the ideal DC TIG welding solution for installation, repair and maintenance applications. The 250 amp model suits high quality work and the lightweight and compact size is a real bonus for professionals on the move around site.

MinarcTig 250 is a dual-process machine, providing an impressive DC TIG and MMA welding experience. In addition to the basic 250 machine there is the 250MLP model, equipped with special features, such as Minilog and pulsed arc function. High 35 % duty cycle and light weight combine real performance advantages, plus exceptional control in low current ignition means refined TIG welding quality for precise applications.

This model is compatible with TTC torches only, please see the full available range of TIG torches on pages 86 – 89. Available remote control models are on page 120.

Technical specifications

MinarcTig 250, 250MLP

Connection voltage	50/60 Hz	3~, 400 V (-20...+15 %)	
Rated power at maximum current	TIG	7.2 kVA	
	MMA	8.2 kVA	
Connection cable	H07RN-F	4G1.5 (5 m)	
Fuse, slow		10 A	
Output 40° C	TIG	30 % ED	250 A / 20.1 V
		60 % ED	180 A / 17.2 V
		100 % ED	160 A / 16.4 V
	MMA	35 % ED	220 A / 28.8 V
		60 % ED	170 A / 26.8 V
		100 % ED	150 A / 26.0 V
Welding range	TIG	5 A / 10.2 V – 250 A / 20.1 V	
	MMA	10 A / 20.4 V – 220 A / 28.8 V	
Open circuit voltage		95 V (VRD 30V)	
Power factor at maximum current	TIG	0.92	
	MMA	0.91	
Efficiency at maximum current	TIG	80 %	
	MMA	86 %	
Stick electrode	∅	1.5–5.0 mm	
External dimensions	L x W x H	400 x 180 x 340 mm	
Weight (without cables)		11 kg	

Ordering information

MinarcTig

MinarcTig 250	TTC 160, 4 m	P0607
MinarcTig 250	TTC 160, 8 m	P0608
MinarcTig 250	TTC 220, 4 m	P0609
MinarcTig 250	TTC 220, 8 m	P0610
MinarcTig 250 MLP	TTC 160, 4 m	P0611
MinarcTig 250 MLP	TTC 160, 8 m	P0612
MinarcTig 250 MLP	TTC 220, 4 m	P0613
MinarcTig 250 MLP	TTC 220, 8 m	P0614

Accessories

Welding cable	25 mm ²	5 m	6184201
Earth return cable	25 mm ²	5 m	6184211
MST 400 transport unit			6185294



MinarcTig 250 shown on optional 2-wheel transport unit MST400.



MinarcTig 250 is an ideal machine for thin sheet fabrication tasks. The low current ignition and stable arc, make quality welding easy.



MinarcTig can be used in the production and maintenance of many metal products. In the workshop or site, MinarcTig 250 is a dependable and portable welding partner.



MinarcTig 250 panel



MinarcTig 250MLP panel