

# MinarcTig 250, 250 MLP

## Powerful, portable and compact



### + In brief

- Excellent low current ignition
- Clear parameter display
- Pre and post gas timer
- Slope in/out timer
- Torch switch latching
- Pulse welding option

### + Applications

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



## Key features

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 250 MLP 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.



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 250, 250 MLP

## 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	35 % ED TIG	250 A/20.1 V
	100 % ED TIG	160 A/16.4 V
	35 % ED MMA	220 A/28.8 V
	100 % ED MMA	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
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

Power source, TTC 160; 4 m, earth return cable; 25 mm <sup>2</sup> 5 m	MINARC250TTC164
Power source, TTC 160; 8 m, earth return cable; 25 mm <sup>2</sup> 5 m	MINARC250TTC168
Power source, TTC 220; 4 m, earth return cable; 25 mm <sup>2</sup> 5 m	MINARC250TTC224
Power source, TTC 220; 8 m, earth return cable; 25 mm <sup>2</sup> 5 m	MINARC250TTC228
Power source, TTC 160; 4 m, earth return cable; 25 mm <sup>2</sup> 5 m	MINARC250MLPTTC164
Power source, TTC 160; 8 m, earth return cable; 25 mm <sup>2</sup> 5 m	MINARC250MLPTTC168
Power source, TTC 220; 4 m, earth return cable; 25 mm <sup>2</sup> 5 m	MINARC250MLPTTC224
Power source, TTC 220; 8 m, earth return cable; 25 mm <sup>2</sup> 5 m	MINARC250MLPTTC228

### Accessories

Welding cable	25 mm <sup>2</sup> 5 m	6184201 (250/250 MLP)
Earth return cable	25 mm <sup>2</sup> 5 m	6184211 (250/250 MLP)