

FĚNIX

250 PFC AC/DC



Water Cooling Unit

Optional accessories

DESCRIPTION

This is a compact, portable under-voltage welding machine, designed for very high quality welding of aluminium, CrNi, steel and special materials using TIG and MMA methods. It is a fully digitally controlled welding machine with PFC (Power Factor Correction) technology. This ensures a stable welding process without any change to the welding arc even despite fluctuations in the power supply, using long extension leads and using power generators. The machine is capable of working at voltages of 90 V (60 % under-voltage) in the electrical supply. The FĚNIX 250 PFC AC/DC boasts excellent stability of the welding arc, simple and easy-to-understand control, high performance and wide range of accessories. Remote control may be connected to the machine. All controls are integrated in a key pad that improves accuracy and reliability of control of the machine. The welding machine FĚNIX 250 PFC AC/DC is designed to suit the most demanding users.

FEATURES AND EQUIPMENT

- For use with power generators from min. output of 3.5 kVA (with A.V.R. function).
- Extension lead of up to 200 m may be used (core cross-section 2.5 mm²).
- Capable of welding with drop in voltage of up to 60 % (from 90 V)
- Remote control connection for regulating welding current.
- Heat protection with warning light.
- Available with / without water cooling

MMA (DC/AC) Method

- HOT START, ANTI STICK, ARC FORCE, V.R.D., SOFT START, MMA (DC/AC), JOB MODE

TIG (AC/DC) Method

- HOT SPOT, PRE-GAS / POST-GAS, JOB MODE, REMOTE CONTROL, SPOT PULS, TEST GAS, 2-STROKE / 4-STROKE, SOFT START, CYCLE, TIG PULSE

TIG | MMA

Input power 50/60 Hz	[V]	1 × 230 (-60%; + 15%)
Protection – slow	[A]	20
Welding current range	[A]	10 – 250 10 – 200
Duty cycle 100% (at 40 °C)	[A]	150 130
Duty cycle 60% (at 40 °C)	[A]	190 170
Duty cycle 30% (at 40 °C)	[A]	250 200
Open circuit voltage	[V]	88
Dimensions source	[mm]	476 × 186 × 279
Weight source	[kg]	14,6