WELDER INVERTER MIG/MAG MMA/TIG LIFT PATON PROMIG-200 (15-2)

Paton ProMIG-200 welder inverter – basic information

The Paton ProMIG 200 welder inverter is designed for semi-automatic MIG/MAG welding with shielded gases and protective mixtures, manual arc MMA welding and argon shielded TIG welding with direct current.

The design of the ProMIG 200 model (15 kg spool, also capable of handling a 5 kg spool – 2 roll feeder) provides some of the best protection against external influences on the market. This model's rated current of 200A at a 70% duty cycle is a result that allows intensive welding of 6mm materials without the risk of overheating. The power source can be separated from the welding wire feed mechanism for ease of use and safety. Characteristic features of PATON™ Professional Series semi-automatic welding machines are the high-quality sealed metallic wire feeder, as well as the existing KZ-2 "EURO" type connector, which has become a standard worldwide, allowing the user to change the holder at will in the future.

In a completely electronic system, the control system has absolutely all the resources of the source, within the limits of its full power and regardless of what method is used. The device of "Professional" series is designed for industrial use, for the most demanding users.

Functions and features of Paton ProMIG-200 MIG/MAG welder inverter

GASLESS FUNCTION – WELDING WITH SELF-CONSUMING WIRE

All PATON MIG/MAG welding machines are adapted for welding with self-source wire. Such welding, as opposed to the traditional MIG/MAG welding process, is carried out without shielding gas – however, it requires a special welding wire. The wire produces its own shielding, which helps to protect the welding arc. Self-shielded wire suitable for PATON welding machines can be purchased here – 5 kg spools of wire will fit all wire feeders.

Rated power supply voltage 50/60 Hz	230 V
Rated power supply current	25 – 28 A
Rated welding current	200 A
Maximum operating current	270 A
Operating load factor %	70% – 200 A 100% – 167 A
Power supply voltage range	160 – 260 V
Welding current control range	10 – 200 A
Welding current control range	12 – 26 V
Wire feeding speed control range	2,0 – 16 m/min
Diameter of a stick electrode	1,6 – 5,0 mm
Number of pressure rolls	2
Diameter of electrode wire	0,6 – 1,0 mm
Coil weight, not more than	≤18 kg
Welding processes with a pulse welding mode	MMA/TIG/MIG/MAG
Function "Hot-Start"	Adjustable
Function "Arc-Force"	Adjustable
Function "Anti-Stick"	
Reduction of open-circuit voltage	ON/OFF
Open-circuit voltage	12 / 75 V
Welding arc starting voltage	110 V
Rated consumed power	5,5 – 6,1 KVA
Maximum consumed power	6,6 – 8,0 kVA
Efficiency coefficient	90%
Cooling	Automatic
Operating temperature range	–25 … +45 ºC
Fulfilled standards:	EN 60204 – 1:2006 EN 60974 – 1:2012 EN 60974 – 10:2014
Overall dimensions (length, width, height)	460 x 250 x 346
Weight	13,6 kg
Protection class	IP 33