

Welder Inverter MIG/MAG MMA/TIG Lift Paton ProMIG-350 (15-4) with water cooling



Paton ProMIG 350 (15-4) welder inverter with water cooling

The Paton ProMIG 350 15-4 welder inverter is designed for semi-automatic MIG/MAG welding with gas and protective mixtures, manual MMA arc welding and argon shielded TIG welding with direct current.

The design of the ProMIG 350 15-4 model (15kg spool – 4 roller feeder) provides some of the best protection against external influences on the market. This model's rated current of 350A at a duty cycle of 70% is a result that allows intensive welding of materials without the risk of overheating. The power source can be separated from the welding wire feed mechanism for convenience as well as safety. A distinctive feature of the PATON™ Professional Series semi-automatic machines is 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 handle at will in the future.

In a fully electronic system, the control system has absolutely all the resources of the source, within the limits of its full capacity and whatever method is used. The 'Professional' series is designed for industrial use, for the most demanding users.

Functions and features of the Paton ProMIG 350 (15-4) 400V welder inverter

GAS-FREE FUNCTION – WELDING WITH SELF-CONSUMING WIRE

All PATON MIG/MAG welders are suitable for welding with self-consuming wire. Such welding, as opposed to the traditional MIG/MAG welding process, takes place without shielding gas – however, this requires a special welding wire. Such wire produces its own shielding, which helps to protect the welding arc. Self-shielded wire suitable for PATON welders can be purchased here – spools of 5 kg wire will fit all wire feeders.

Rated power supply voltage 50/60 Hz	3x400 V
Rated power supply current	34 - 36 A
Rated welding current	500 A
Maximum operating current	630 A
Operating load factor %	70% – 500 A 100% – 420 A
Power supply voltage range	±15% V
Welding current control range	19 – 500 A
Welding current control range	12 – 40 V
Wire feeding speed control range	2,0 – 16 m/min
Diameter of a stick electrode	1,6 – 6,0 mm
Number of pressure rolls	4
Diameter of electrode wire	0,6 – 1,4 mm
Coil weight, not more than	5-18 kg
Welding processes with a pulse welding	MMA/TIG/MIG/MAG
Function "Hot-Start"	Adjustable
Function "Arc-Force"	Adjustable
Function "Anti-Stick"	Automatic
Reduction of open-circuit voltage	ON / OFF
Open-circuit voltage	12 / 95 V
Welding arc starting voltage	110 V
Rated consumed power	22,6 - 25 kVA
Maximum consumed power	15.0 kVA
Efficiency coefficient	90 %
Cooling	Automatic
Operating temperature range	-25 ... +45 °C
Fulfilled standards:	EN 60204 – 1:2006 EN 60974 – 1:2012 EN 60974 – 10:2014
Overall dimensions (length, width, height)	500 X 181X 386
Weight	23.9
Protection Class	IP 33