

ProMIG-270-15-2-400V ProMIG-270-15-4-400V ProMIG-350-15-4-400V

3 years
warranty

INVERTER DIGITAL MIG/MAG MACHINES PATON PROMIG-270/350-400V OF THE PROFESSIONAL SERIES are designed for direct-current welding in MIG/MAG, MMA, and TIG modes. These machines are operated from a 400V three-phase power supply network and are designed for both professional and industrial use. They have an increased protection class – IP33 and a 70% duty cycle. An adjustable VRD function allows the usage of welding machines in an unsafe environment.



Processes



Input



Output



PARAMETERS

	ProMIG-270-15-2	ProMIG-270-15-4	ProMIG-350-15-4
Rated voltage of the three-phase mains 50 / 60Hz, V	3 × 380, 3 × 400		
Rated current consumption from the mains phase, A	12,0–14,0		16,0–18,5
Rated welding current, A	270		350
Maximum operating current, A	350		450
Supply voltage variation limits, V	±15%		
Duty cycle, %	70% / 270A 100% / 225A		70% / 350A 100% / 290A
Limits of regulation of welding current, A	12–270		14–350
Limits of regulation of welding voltage, V	12–29		12–30
Standards	EN IEC 60974-1		
Protection rating	IP33		
Insulation class	H		
Operating temperature range	–25 ... +45°C		
Welding wire diameter, mm	0,6–1,2		0,6–1,4
Welding pulse modes	MMA: 0,2–500Hz; TIG: 0,2–500Hz; MIG/MAG: 30–300Hz		
Arc striking voltage, V	110		
Rated consumption power, kVA	8,0–9,4		10,7–12,3
Maximum power consumption, kVA	11,4		15,3
Cooling	Adaptive		
Wire feeder mechanism	2 roller		4 roller
Maximum weight of the coil, kg	18		

ADVANTAGES



FRONT CONTROLS



- 1 Digital display
- 2 Welding mode selection button
- 3 The regulator for selecting the functions (parameters)
- 4 Welding program selection button
- 5 Button for testing shielding gas supply (wire is not fed)
- 6 Button for adjusting the welding voltage on the wire feeder
- 7 Digital display of the wire feeder
- 8 The regulator for selecting the functions (parameters)
- 9 Welding program selection button on a wire feeder
- 10 Wire threading button (no gas is supplied)
- 11 EURO type KZ-2 connector for connecting a semi-automatic torch
- A Bayonet-type power current socket "+"
- B Bayonet-type power current socket "-"



APPLICATIONS

Welding of a wide range of products in professional workshops and production facilities in various industries.



COMPLETE SET

- 1 — Welding cables with electrode holder and «ground» terminal
- 2 — MIG/MAG torch
- 3 — Belt for carrying the device on the shoulder
- 4 — Set of rollers for 4 diameters of steel welding wire and 2 diameters of aluminum wire (for ProMIG-270-15-4-400V and ProMIG-350-15-4-400V models), and a union for quick-release connection of a gas hose

1



2



3



4

