

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 ABICOR BINZEL electrode holder and «ground» terminal
- 2 – MIG/MAG torch ABICOR BINZEL
- 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

