

ProMIG-200-15-2 ProMIG-250-15-2 ProMIG-250-15-4

5 years
warranty

INVERTER DIGITAL MIG/MAG MACHINES PATON

PROMIG-200/250 of the Professional series are designed for direct-current gas-shielded welding in MIG/MAG, MMA and TIG modes. These PATON ProMIG welding machines are designed for professional use. The welding current source can be used separately from the wire feeding unit in order to provide ease of operation in MMA and TIG modes and provide compliance of the machine with safety requirements in some welding cases. These machines are operation from a 230V single-phase power supply, have a protection rate IP33 protection class.



Processes



Input



Output



PARAMETERS

	ProMIG-200-15-2	ProMIG-250-15-2	ProMIG-250-15-4
Rated voltage of mains 50/60Hz, V	220/230		
Rated mains current, A	23,0–27,0	29,5–35,0	
Rated welding current, A	200	250	
Maximum operating current, A	270	335	
Power supply voltage range, V	160–260		
Duty cycle, %	70% / 200A 100% / 167A	60% / 250A 100% / 193A	
Welding current control range, A	10–200	12–250	
Welding voltage control range, V	12–26	12–28	
Standards	EN IEC 60974-1		
Protection class	IP33		
Insulation class	H		
Operating temperature range	–25 ... +45°C		
Welding wire diameter, mm	0,6–1,0	0,6–1,2	
Diameter of an electrode, mm	1,6–5,0	1,6–6,0	
Welding pulse modes	MMA: 0,2...500Hz; TIG: 0,2...500Hz; MIG/MAG: 30...300Hz		
Arc striking voltage, V	110		
Rated power consumption, kVA	5,1–6,1	6,6–7,8	
Maximum power consumption, kVA	7,5	9,5	
Overall dimensions, L×W×H, mm	360×260×270		
Cooling	Adaptive		
Weight, kg	13,2	14,0	
Wire feeder mechanism	2 ролики		4 ролики
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 of the current mode
- 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 ferrous and non-ferrous metals in professional workshops and production shops enterprises specializing in the manufacture of various metal products;
- welding in professional automotive service centers, and enterprises for the repair of automotive and agricultural.



COMPLETE SET



- 1 — Welding cables with ABICOR BINZEL electrode holder and «ground» terminal
- 2 — Belt for carrying the machine on the shoulder
- 3 — ABICOR BINZEL MIG/MAG torch
- 4 — Set of rollers for 4 diameters of steel welding wire and 2 diameters of aluminum wire (for ProMIG-250-15-4), and a union for quick-release connection of a gas hose

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