

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



MIG/MAG
(PULSE)



MMA
(PULSE)



TIG DC
(PULSE, LIFT)

Input



1
phase



220
230
V

Output



DC

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



LONG CABLES
COMPATIBILITY



WORK FROM
GENERATOR



DOUBLE CASE



IGBT
TECHNOLOGY



PULSE



WORK WITH
WEAK POWER
NETWORKS



OVERVOLTAGE
PROTECTION



STORING PROGRAMS
IN EACH WELDING
MODE



2T/4T
TWO-STROKE /
FOUR-STROKE MODE



INDUCTION
FUNCTION



IP33

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 electrode holder and «ground» terminal
- 2 – Belt for carrying the machine on the shoulder
- 3 – 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

1



2



3



4

