

StandardMIG - 160 • 200 • 250



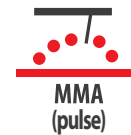
5 years warranty

DIGITAL INVERTER MIG/MAG MACHINES PATON

"STANDARD" SERIES are designed for direct current welding of a wide range of materials in MIG/MAG, MMA and TIG modes. These devices are powered by a single-phase 220/230V network and provide good load duration at their nominal current of 160A, 200A and 250A, respectively. PATON semi-automatic machines of the "Standard" series are distinguished by the ratio of small overall characteristics with high nominal current, high work performance and reliability.



Processes



Input



Output



PARAMETERS

	StandardMIG-160	StandardMIG-200	StandardMIG-250
Nominal mains voltage, 50Hz	220/230	220/230	220/230
Rated mains current, A	18 ... 21	23 ... 27	29,5 ... 35
Nominal welding current, A	160	200	250
Maximum operating current, A	215	270	335
Power supply voltage change limits, V		160 ... 260	
Duty cycle, %	45% / 160A 100% / 107A	45% / 200A 100% / 134A	45% / 250A 100% / 167A
Welding current regulation limits, A	8 ... 160	10 ... 200	12 ... 250
Welding voltage control limits, V	12 ... 24	12 ... 26	12 ... 28
Feed rate control limits wire, m / min		2,0 ... 16	
Standards		EN IEC 60974-1	
Protection class		IP21	
Insulation class		H	
Operating temperature range		-25 ... +45°C	
MMA no-load voltage, V		12/75	
Arc ignition voltage, V		110	
Nominal power consumption, kVA	4,1 ... 4,7	5,1 ... 6,1	6,6 ... 7,8
Maximum power consumption, kVA	5,9	7,5	9,5
Forced cooling		Adaptive	
Overall dimensions, LxWxH, mm		420 x 245 x 300	
Weight, kg	11,0	11,2	11,5
Wire feeder mechanism		2 roller	
Maximum weight of the coil, kg		5	

ADVANTAGES



INDUCTION FUNCTION



WORK WITH WEAK POWER NETWORKS



OVERVOLTAGE PROTECTION



STORING PROGRAMS IN EACH WELDING MODE

2T/4T

TWO-STROKE / FOUR-STROKE MODE



LONG CABLES COMPATIBILITY

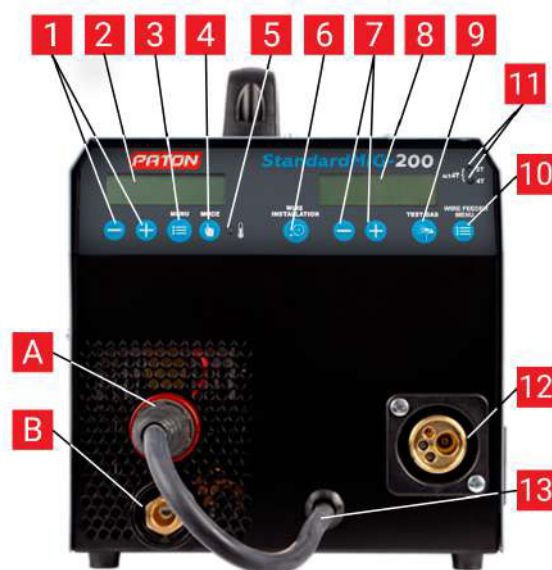


WORK FROM GENERATOR

FRONT CONTROLS

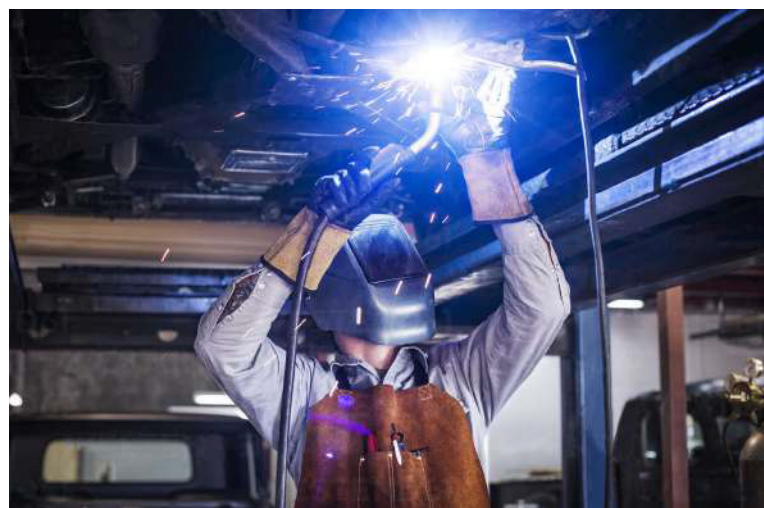


- 1 Buttons to adjust the selected parameter to decrease and increase
- 2 Digital display
- 3 Button for selecting the source function in the current welding mode
- 4 Button for selecting the welding mode
- 5 Machine overheat indicator
- 6 Wire-filling button (no gas supplied)
- 7 Buttons for adjusting parameters to decrease and increase
- 8 Digital display of the wire feeder
- 9 Safety gas check button (no wire feed)
- 10 Button for selecting functions of the wire feeder
- 11 Torch button mode indicators (2T/4T/alternative 4T modes)
- 12 KZ-2 EURO type connector for semi-automatic torch connection
- 13 Power supply plug to the wire feeder
- A Power socket "+" of bayonet type
- B Power socket "-" of bayonet type



APPLICATIONS

- welding of a wide range of products in private and professional workshops;
- welding in car service stations, repair shops, production and assembly sites in metal structures manufacturing.



COMPLETE SET



- 1 – Welding cables with ABICOR BINZEL electrode holder and «ground» terminal
- 2 – ABICOR BINZEL MIG/MAG torch
- 3 – Set of rollers for 4 diameters of steel welding wire and a quick-release nipple for a gas hose

1



2



3

