

StandardMIG-270-400V WK

StandardMIG-350-400V WK

3 years warranty

THE PATON STANDARDMIG-270-400V WK AND PATON STANDARDMIG-350-400V WK

semi-automatic welding sets are designed for mobile welding stations with the ability to operate in MIG/MAG, MMA and TIG modes. These machines have a load duration of 55% with a rated current of 270A and 350A, respectively. A special bracket allows you to install wire spools weighing up to 15 kg, which are placed in a closed compartment to protect them from contamination. A reliable feeding mechanism ensures stable transportation of wire up to 5 meters through the torch channel.



Processes



MIG/MAG
(PULSE)



MMA
(PULSE)



TIG DC
(PULSE, LIFT)

Input



Output

	StandardMIG-270 WK	StandardMIG-350 WK
Rated voltage of the three-phase mains 50 / 60Hz, V	3x380 / 3x400	
Rated input current from mains, A	12,0–14,0	16,0–18,5
Rated welding current, A	270	350
Maximum operating current, A	350	450
Voltage variation limits of mains voltage, V	±15%	
Duty cycle (DC), %	55% / 270A 100% / 200A	55% / 350A 100% / 260A
Rated supply mains voltage 50Hz, V	12–270	14–350
Rated input current from mains, A	12–29	12–30
Wire feed speed control limits, m/min	2,0–16,0	
Standards		EN IEC 60974-1
Protection class		IP23
Insulation class		H
Operating temperature range		–25 ... +45°C
Rated input power, kVA	110	
Welding pulse modes	MMA: 0,2–500Hz; TIG: 0,2–500Hz; MIG/MAG: 30–300Hz	
Maximum input power, kVA	8,0–9,4	10,7–12,3
Maximum power consumption, kVA	11,4	15,3
Cooling		Forced
Weight, kg	26,5	26,6
Wire feeder mechanism	2 roller	4 roller
Maximum weight of the coil, kg	18	

PARAMETERS

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ADVANTAGES



LONG CABLES
COMPATIBILITY



WORK FROM
GENERATOR



INDUCTION
FUNCTION



2T/4T



WORK WITH
WEAK POWER
NETWORKS



OVERVOLTAGE
PROTECTION



STORING PROGRAMS
IN EACH WELDING
MODE



PULSE

FRONT CONTROLS

- 1 Welding mode selection button
- 2 The regulator for selecting the functions (parameters) of the current mode
- 3 Digital display
- 4 Welding program selection button (set of parameters previously set by the user)
- 5 The regulator for adjusting welding voltage parameter in MIG/MAG mode
- 6 Safety gas check button (no wire feed)
- 7 Wire-filling button (no gas supplied)
- 8 KZ-2 EURO type connector for semi-automatic torch connection
- 9 Power supply plug to the wire feeder
- 10 Lifting protective cover for wire feeder and coil compartment

A Bayonet-type power current socket "+"
B Bayonet-type power current socket "-"



APPLICATIONS

They use for welding a wide range of products in professional workshops, production, and assembly shops in the manufacture of metal structures and other metal products up to 4 mm thick.



COMPLETE SET

- 1 – Welding cables with electrode holder and «ground» terminal
- 2 – Set of rollers for 4 diameters of steel welding wire and 2 diameters of aluminum wire (for StandardMIG-350-400V), and a union for quick-release connection of a gas hose
- 3 – MIG/MAG torch
- 4 – PATON universal cart

