

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



MIG/MAG
(PULSE)



MMA
(PULSE)



TIG DC
(PULSE)

Input



3
phases



380
400
V

Output



DC

PARAMETERS

	ProMIG-270-15-2	ProMIG-270-15-4	ProMIG-350-15-4
Rated voltage of the three-phase mains 50 / 60Hz, V		3 x 380, 3 x 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



LONG CABLES
COMPATIBILITY



WORK FROM
GENERATOR



IGBT
TECHNOLOGY



WORK WITH
WEAK POWER
NETWORKS



OVERVOLTAGE
PROTECTION



16
WELDING PROGRAMS
IN EACH WELDING
MODE



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



INDUCTION
FUNCTION



HF/Lift
IGNITION



PULSE



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

