

# PATON ProMIG-270-15-2-400V

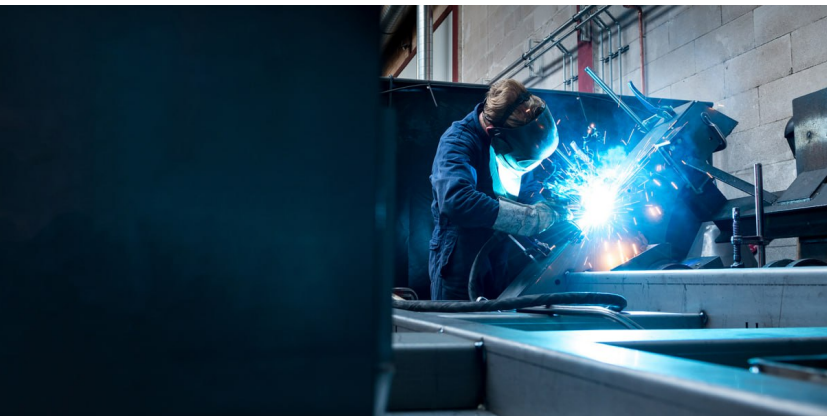
# PATON ProMIG-270-15-4-400V

# PATON ProMIG-350-15-4-400V

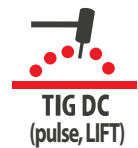
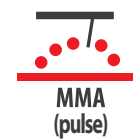


**3 year**  
warranty

**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. Every model of the PROFESSIONAL series's MIG/MAG machines has a high-power, reliable, wire-feeding mechanism with a powerful airtight motor.



## Process



## Input



## Output



## PARAMETERS:

|   | PROMIG-270-15-2           | PROMIG-270-15-4           | PROMIG-350-15-4           |
|---|---------------------------|---------------------------|---------------------------|
| Rated supply mains voltage 50Hz, V                | 3 x 380, 3 x 400          | 3 x 380, 3 x 400          | 3 x 380, 3 x 400          |
| Rated current consumption from the mains phase, A | 12 - 14                   | 12 - 14                   | 16 - 18,5                 |
| Rated welding current, A                          | 270                       | 270                       | 350                       |
| Maximum operating current, A                      | 350                       | 350                       | 450                       |
| Duty cycle, %                                     | 70% / 270A<br>100% / 225A | 70% / 270A<br>100% / 225A | 70% / 350A<br>100% / 290A |
| Power supply voltage range, V                     | ±15%                      | ±15%                      | ±15%                      |
| Number of pressure rollers                        | 2                         | 4                         | 4                         |
| Welding current control range, A                  | 12 - 270                  | 12 - 270                  | 14 - 350                  |
| Welding voltage control range, V                  | 12 - 29                   | 12 - 29                   | 12 - 30                   |
| Diameter of an electrode, mm                      | 1,6 - 6,0                 | 1,6 - 6,0                 | 1,6 - 6,0                 |
| Welding wire diameter, mm                         | 0,6 - 1,2                 | 0,6 - 1,2                 | 0,6 - 1,4                 |
| Standards   | EN IEC 60974-1            |                           |                           |
| Protection class                                  | IP21                      |                           |                           |
| Insulation class                                  | H                         |                           |                           |
| Operating temperature range                       | -25 ... +45°C             |                           |                           |
| Idling voltage, V                                 | 12/75                     |                           |                           |
| Arc striking voltage, V                           | 110                       |                           |                           |
| Rated power consumption, kVA                      | 8,0 - 9,4                 | 8,0 - 9,4                 | 10,7 - 12,3               |
| Maximum power consumption, kVA                    | 11,4                      | 11,4                      | 15,3                      |
| Cooling   | Adaptive                  |                           |                           |
| Dimensions, mm (length, width, height)            | 540 x 360 x 400           |                           |                           |
| Weight, kg  | 22,5                      | 22,5                      | 22,9                      |
| Wire feeder mechanism                             | 2 roller                  | 4 roller                  | 4 roller                  |
| Maximum weight of the coil, kg                    | 18                        |                           |                           |

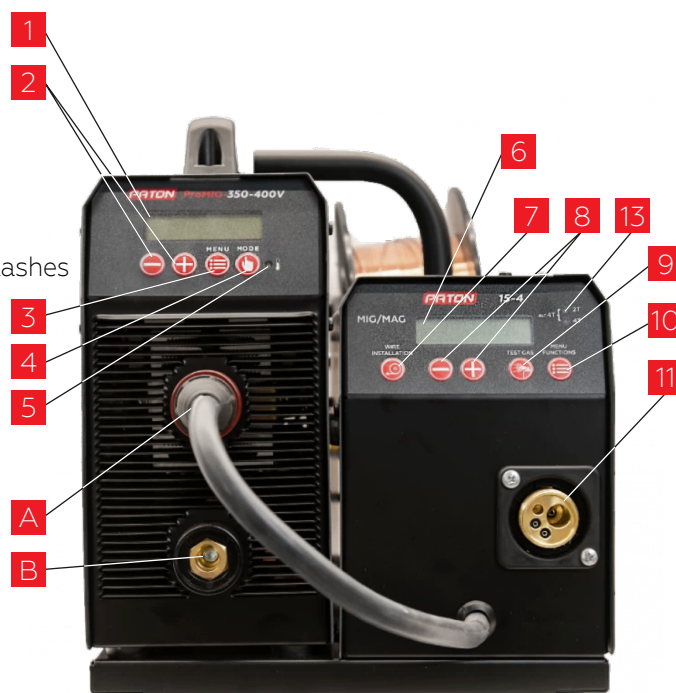
## ADVANTAGES



# FRONT CONTROLS



- 1 Digital display
- 2 Buttons for adjusting the selected parameter to decrease and increase
- 3 Source function selection button in the used welding mode
- 4 Welding mode selection button: MMA, TIG, MIG/MAG
- 5 Unit overheating indicator: normal – OFF, when overheated – flashes
- 6 Digital display of the wire feeder
- 7 Wire threading button (no gas is supplied)
- 8 Buttons for decreasing and increasing parameters
- 9 Button for testing shielding gas supply (wire is not fed)
- 10 Button for selecting functions of the wire feeder
- 11 EURO type KZ-2 connector for connecting a semi-automatic torch
- 12 Breaker/for turning on/off the welding current source
- 13 Torch button mode indicators (mode 2T/4T/alt.4T)
- 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 – 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
- 2 – Welding cables with ABICOR BINZEL electrode holder and «ground» terminal
- 3 – ABICOR BINZEL MIG/MAG torch
- 4 – Protective cover

