

Standard-350-400V



3 years
warranty

PATON STANDARD-350-400V — welding machine is designed for manual metal arc welding (MMA) with a rated current of up to 350A. It provides the ability to work with any electrodes with a diameter of 2 to 6 mm, including high-melting ones. Due to its easy setup, high power and small weight and dimensions, the machine provides comfort and ease of use.



Processes



Input



Output



PARAMETERS

	Standard-350-400V
Rated supply voltage 50Hz, V	3x380, 3x400
Supply voltage variation limits, V	±15%
Rated current consumption from the mains phase, A	17,7
Rated welding current, A	350
Maximum operating current, A	450
Duty cycle, %	70% at 350A 100% at 290A
Limits of regulation of welding current, A	50 – 350
"Hot Start" function	Automatic
"Arc-Force" function	Automatic
"Anti-Stick" function	Automatic
Idling voltage, V	up to 80
Arc striking voltage, V	110
Rated power consumption, kVA	11,7
Maximum power consumption, kVA	15,2
Efficiency, %	90
Cooling	Forced
Operating temperature range	-25 ... +45°C
Overall dimensions (length, width, height), mm:	390 x 145 x 335
Weight without accessories, kg	9,8
Protection class	IP33
Standards	EN IEC 60974-1
Insulation class	H

ADVANTAGES



LONG CABLES
COMPATIBILITY



WORK FROM
GENERATOR



ANTI-STICK



ARC-FORCE



FORCED
COOLING

IGBT

TECHNOLOGY



WORK WITH
WEAK POWER
NETWORKS

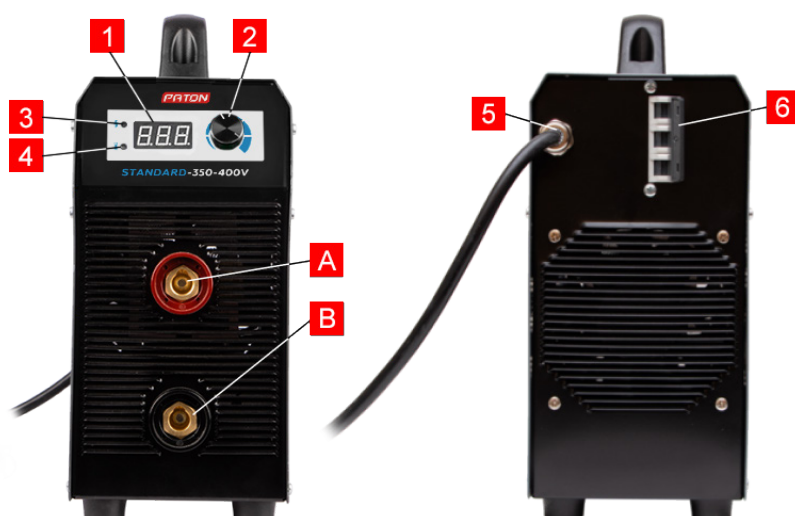


OVERVOLTAGE
PROTECTION



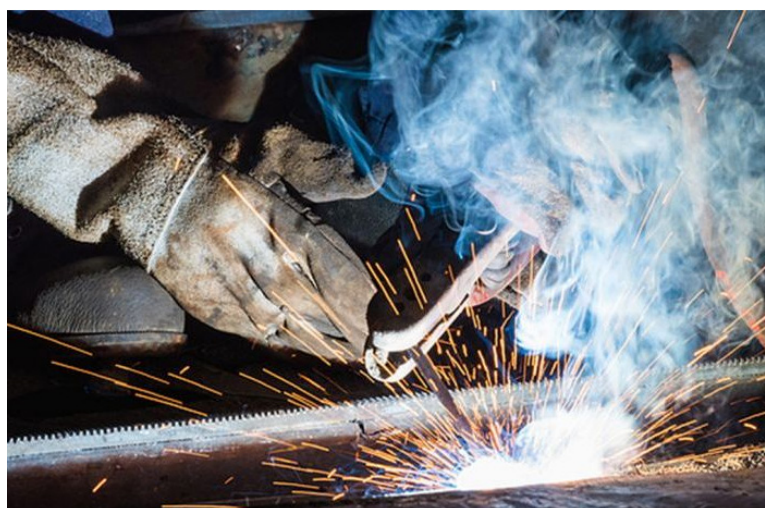
CONTROLS

- 1 Digital display
- 2 Arc current controller
- 3 Power supply status indicator
- 4 Device operation indicator
- 5 Power supply cable
- 6 Mains breaker
- A Power current socket "+" of bayonet type
- B Power current socket "-" of bayonet type



APPLICATIONS

PATON STANDARD-350-400V is used in the construction and industrial sectors – medium and large construction, metal fabrication, large workshops, automotive facilities.



COMPLETE SET



- 1 – Welding cables with an ABICOR BINZEL electrode holder and «ground» terminal
- 2 – Belt for carrying the machine on the shoulder
- 3 – PATON branded corrugated box

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