Standard-350-400V

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

MMA

Input

3 phase

380/400 V

Output

DC

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 … +45ºC
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
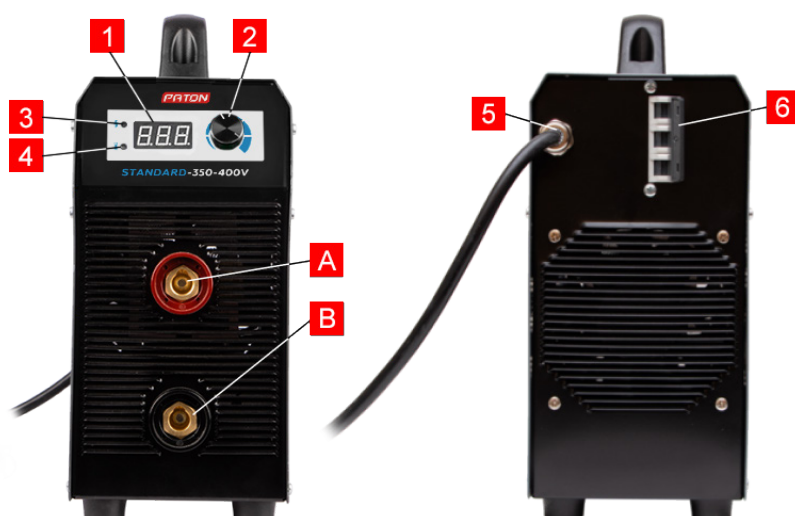- WORK WITH WEAK POWER NETWORKS
- OVERVOLTAGE PROTECTION
- IP33

PATON

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.
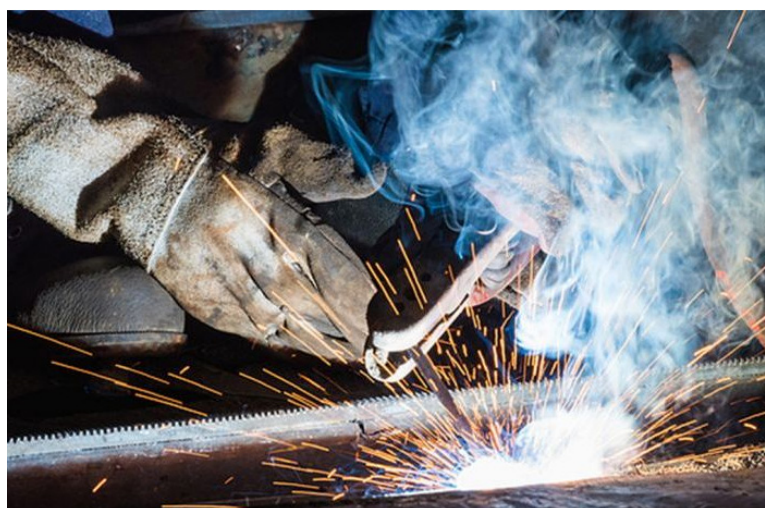
COMPLETE SET

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