

# ProMIG-500-15-4-400V WK MAXwire

# ProMIG-630-15-4-400V WK MAXwire

up to **2 years** warranty

## THE PATON PROMIG-500/630-15-4-400V WK MAXWIRE INDUSTRIAL KITS FOR MIG/MAG welding are designed to organize

mobile welding stations on production sites of any scale.

They provide welding with direct current in MIG/MAG, MMA, and TIG modes. The lineup includes two models with rated currents of 500A and 630A, with a duty cycle of 70%.

The machines are equipped with a reinforced 4-roller wire feed mechanism and a more powerful sealed motor. Additionally, they feature extra functions for the welder's convenience, such as ANTI-STICK, ARC FORCE, HOT START, VRD, PULSE, and more.



### Processes



### Input



### Output



## PARAMETERS

	ProMIG-500 WK MAXwire	ProMIG-630 WK MAXwire
Rated voltage of mains 50 / 60Hz, V	3 × 380, 3 × 400	
Rated current consumption from the mains phase, A	30,0–35,5	42,0–49,0
Rated welding current, A	500	630
Maximum operating current, A	630	800
Supply voltage variation limits, V	±15%	
Duty cycle, %	70% / 500A 100% / 420A	70% / 630A 100% / 520A
Limits of regulation of welding current, A	16–500	18–630
Limits of regulation of welding voltage, V	12–40	12–44
Standards	EN IEC 60974-1	
Protection class	IP23	
Insulation class	H	
Operating temperature range	–25 ... +45°C	
Welding wire diameter, mm	0,6–1,6	0,6–2,0
Welding pulse modes	MMA: 0,2–500Hz; TIG: 0,2–500Hz; MIG/MAG: 30–300Hz	
Arc striking voltage, V	110	
Rated consumption power, kVA	19,9–23,6	27,8–32,5
Maximum power consumption, kVA	29,0	40,1
Cooling	Adaptive	
Wire feeder mechanism	4 roller	
Maximum weight of the coil, kg	18	

## ADVANTAGES



# 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
- 12 Breaker/button for turning on/off the welding current source
- 13 Quick coupling (blue) coolant supply
- 14 Quick coupling (red) coolant outlet
- A Bayonet-type power current socket "+"
- B Bayonet-type power current socket "-"



## REINFORCED MECHANISM WIRE FEEDING



## COMPLETE SET

- 1 — Welding cable with ground terminal
- 2 — Wire feeder with protective cover
- 3 — Gas hose quick-disconnect fitting, set of rollers for 4 steel wire diameters and 2 aluminum wire diameters
- 4 — Autonomous cooling unit Cooler-7-400V
- 5 — PATON 360 cart



# COMPATIBILITY WITH PUSH-PULL TORCHES

WITH SPECIAL ORDER



# COMUNICATION CABLES SET



MODEL	LENGTH
CCS-350-1PW	1 m
CCS-350-5PW	5 m
CCS-350-10PW	10 m
CCS-500-1PW	1 m
CCS-500-5PW	5 m
CCS-500-10PW	10 m
CCS-630-1PW	1 m
CCS-630-5PW	5 m
CCS-630-10PW	10 m