

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



MIG/MAG
(PULSE)



MMA
(PULSE)



TIG DC
(PULSE, LIFT)

Input



Output



PARAMETERS

	ProMIG-500 WK MAXwire	ProMIG-630 WK MAXwire
Rated voltage of mains 50 / 60Hz, V	3 x 380, 3 x 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



LONG CABLES
COMPATIBILITY



WORK FROM
GENERATOR



IGBT
TECHNOLOGY



WORK WITH
WEAK POWER
NETWORKS



OVERVOLTAGE
PROTECTION



STORING PROGRAMS
IN EACH WELDING
MODE



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



INDUCTION
FUNCTION



HF/Lift
IGNITION



PULSE

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