PATON

LEADING UKRAINIAN MANUFACTURER OF WELDING EQUIPMENT AND CONSUMABLES

MADE IN UKRAINE

2025

CONTENT

FOUNDERS

FOUNDERS

The founders and ideological inspirers of the Company – Yevhen Paton and Borys Paton – are outstanding scientists in the field of welding and metallurgy.

Yevhen Paton — an outstanding scientist in the field of welding processes and bridge construction, essentially the founder of the Ukrainian school of bridge construction, as well as the founder of the world's first Electric Welding Institute, which he headed until the end of his life (August 12, 1953). The Institute had acquired a status of a unified organization composed of research and experimental production units, a design bureau, and several workshops.

> Science, not enriched by the experience of practice, is dead, but practice deprived of the achievements of science is powerless

Borys Paton — an outstanding scientist in the field of welding processes, metallurgy, and metal technology, doctor of technical sciences; President of the National Academy of Sciences of Ukraine (1962-2020), twice Hero of Socialist Labor, the first Ukrainian to be awarded the "Hero of Ukraine" distinction. He is the author and co-author of more than 1,200 various publications and more than 720 inventions, including 500 foreign patents.

> Remember: we were not born to stand still. Do not let the active voltage weaken. Appreciate each day and hour. Even ancient thinkers realized that it is man, human life – the measure of everything. Your own life is no exception...

ABOUT THE COMPANY

More than 66 years of successful development, and production of welding equipment.

More than **50000** machines per year

More than **250** employees

More than **66** years of market experience

More than **50** countries of the world

More than **5000** m² of production facilities

More than **5000** t electrodes per year

Today the company produces more than 60 models of welding equipment, such as:

- MMA machines (from 150A to 630A);
- MIG/MAG welding machines (from 160A to 630A);
- TIG machines (from 200A to 350A);
- Air-plasma cutting devices (from 40 to 100A);
- Multi-mode welding inverters (from 250A to 350A).

The company has its own design and technological base and production facilities, equipped with high-quality equipment for the development and production from scratch of new models of welding equipment, which are fully unique and have no analogs in Ukraine.

Thanks to more than 66 years of experience producing a wide range of high-quality welding equipment and consumables, we meet the needs of welding professionals both in Ukraine and in more than 50 countries worldwide.

PRODUCTION STAGES

Checking the boards and the electronic components

Machines assembling

Temperature testing

Tooling

Thorough testing of each machine

Thermal testing

Stickering and packaging of the machine

R & D CENTER

PATON INTERNATIONAL has its R&D laboratories, which are developing all the key components of the welding machines, starting from the design of the machine body and ending with its own boards design and software development. Research is underway for modes:

- **manual arc welding (MMA);**
- **argon arc welding (TIG);**
- **semi-automatic welding (MIG / MAG);**
- **air-plasma cutting (CUT).**

Laboratories are equipped with modern and high-quality measuring and adjusting equipment, which is used to fine-tune inverter welding machines, which are capable of working with currents **up to 1200 amps.**

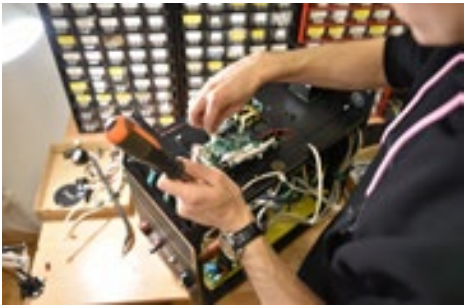
In the laboratory of electrode production, in addition to ongoing quality assurance of incoming raw materials and batches of end products, new promising formulations of welding materials are being developed.

All PATON welding equipment and consumables, which are sold by the company are products exclusively of our own development, which are produced at our own production facilities in Kyiv, using raw materials and electronic components from the best domestic manufacturers, and foreign brands (Vishay, NXP, Infineon, Kendeil, Toshiba, Texas Instruments, etc.).

4
laboratory

20+
developers

50+
developed equipment models



2015

Serial Standard MIG/MAG machines and ECO inverters

2005

The first MIG/MAG inverter machine

2004

The first inverter of PATON brand

1980-2000

PATON classic welding equipment

1960-1980

Welding machines transformer type

PRO
EVOL

DUCT
UTION

2016

PATON Welding Electrodes

2017-2018

Wire Feeders
Autonomous Cooling Units
ProMIG Series MIG/MAG machines

2019

Powerful Inverter MIG/MAG machines: PRO-500-400V, ProMIG-500-15-4-400V

2021

Updated ProMIG Series MIG/MAG machines
ProTIG Series Argon Arc Welding Machines

2023

Powerful ProMIG W MAXwire Series MIG/MAG machines

2025

New hardware architecture – 5th generation welding machines

ADVANTAGES

PATON INTERNATIONAL is one of the leading Ukrainian manufacturers of welding equipment and consumables, and also takes the leading position among manufacturers in the Eastern Europe.

The main features of PATON welding equipment:

- up to 5 years equipment warranty
- exclusive use of high-quality parts and components
- full compliance of declared characteristics with the actual ones
- low power consumption and small size
- unique multifunctional performance and ease of use
- loyal terms of service maintenance

The main advantages of cooperation with PATON INTERNATIONAL:

- more than 66 years on the market of welding equipment
- unblemished brand reputation
- design laboratories and production facilities, located in Ukraine
- profitable and clear cooperation conditions
- professional technical and advisory client support
- processing of the newest technologies and researches

1. Capacitors from the Italian Kendeil brand

2. Unique electrical boards of our own design

3. Rectifier diodes from the American Vishay brand

4. Power connector housings made of heat-resistant material

5. Overheating protection system on all key components of the machine

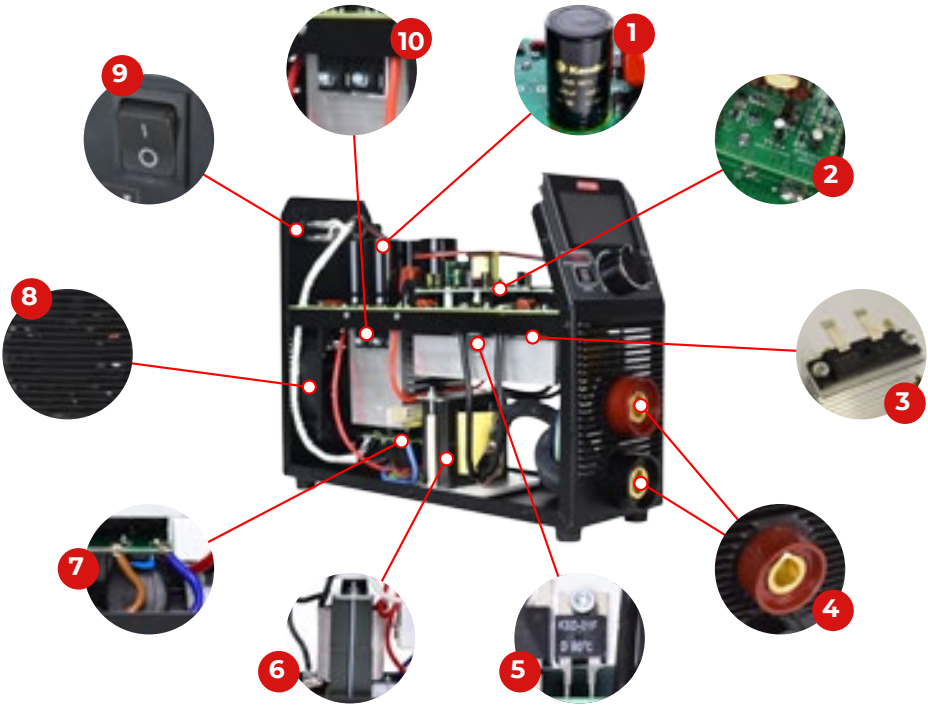
6. The copper transformer of our own design and production

7. Protection system against short-term overvoltage in the supply network

8. A double ball-bearing fan is characterized by increased reliability and durability

9. Signal button for turning ON the device - there is no risk of its burning out even with frequent use

10. Power transistors from the German Infineon brand



EXPORT

More than **50** countries of the world

More than **55000** machines exported over 5 years

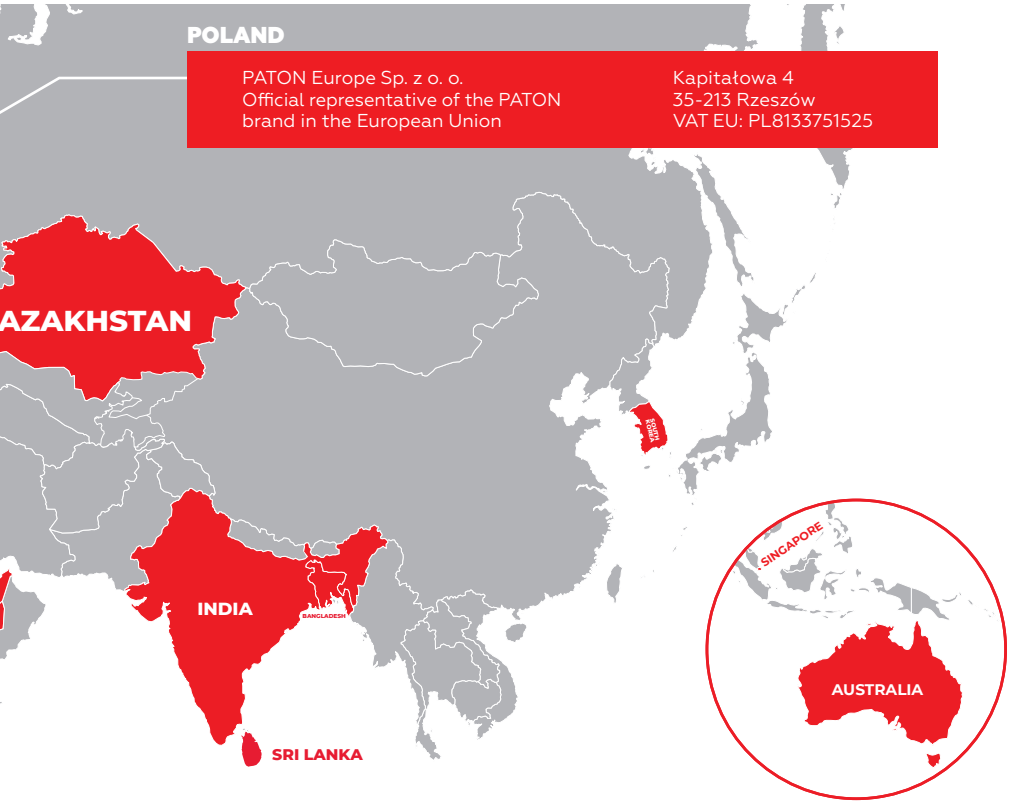
More than **10000** t electrodes exported over 5 years

In 2013, PATON INTERNATIONAL began to regularly export welding equipment and consumables to foreign markets.

Thanks to its innovativeness, perfect quality of assembly, and high working reliability, the PATON products continue to successfully conquer the foreign markets being highly demanded among professional welders!

Latin America

- Azerbaijan
- Armenia
- Australia
- Bulgaria
- Kazakhstan
- Georgia
- Moldova
- Saudi Arabia
- Libya
- Kuwait
- Jordan
- Myanmar
- Côte d'Ivoire
- Brazil
- Poland
- Czech Republic
- Slovakia
- Latvia
- Lithuania
- Romania
- Uzbekistan
- Spain
- Estonia
- Italy
- Sweden
- Lebanon
- Burkina Faso
- Tajikistan
- Costa Rica
- Netherlands
- Hungary
- Egypt
- Greece
- Cyprus
- Sri Lanka
- Portugal
- Serbia
- Israel
- Oman
- UAE
- Ireland
- Kyrgyzstan
- India
- United Kingdom
- Turkey
- Germany
- South Korea
- Croatia
- Belgium
- Denmark
- Montenegro
- Bahrain
- Qatar
- Nigeria
- Singapore



INDUSTRIES

PATON welding equipment and consumables are used in many industries.

Building construction

Agriculture

Shipbuilding and ship repair

Car production and repair shops

Aviation

Mining

Operation of pipelines

Bridge construction

Food Industry

Power industry

Manufacturing

Railway transport operation


PATON

MMA

MANUAL METAL ARC — means manual arc welding with a coated stick welding electrode. In the MMA welding process, the arc is formed between the electrode clamped in a holder and the part to be welded. The electrode coating improves arc starting, increases arc stability, provides the formation of a protective gas envelope, and facilitates removal of welding slag.

MINI SERIES

The PATON MINI inverter rectifier is designed for direct-current manual arc welding. The MINI series of welding machines is intended for that users who need a portable, fully functional welder with a rated current of up to 150A. Such current is sufficient for welding by using any welding electrodes from 1.6 mm through 4.0 mm in diameter, with a duty cycle up to 40 percent, allowing welding works to be performed in household conditions, for example at country sites, small workshops, and motor transport enterprises.

Purpose:

Performing household tasks - welding of metal pipes (water/gas), chimneys and drains from stainless steel, metal loops, sheets of corrugated board, arrangement of territories of country sites and apartment houses, greenhouses, canopies, gazebos, fences.

Properties and advantages:

- In addition to protection against voltage surges, the system of stabilization of work at big long-term voltage fluctuations in a power supply network from 170 to 260 V is established.
- Adapted to a standard household power supply network. Due to the high efficiency, the source provides twice less power consumption compared to transformer welding machines;
- Increased comfort due to good duty cycle at rated current;
- Increased reliability of the machine in the conditions of dusty production;
- All electronics in the device are impregnated with two layers of high-quality varnish that provides reliability of a product during all service life;
- Smooth regulation of welding current and improved arc combustion stability.

MMA

OVERVOLTAGE PROTECTION

WORKS WITH WEAK POWER NETWORKS

FORCED COOLING

IGBT TECHNOLOGY

HOT START

ARC-FORCE

ANTI-STICK

WORK FROM GENERATOR

LONG CABLES COMPATIBILITY

ABICOR BINZEL

IP33

MINI SERIES

3 years warranty

MINI DC MMA

TECHNICAL SPECIFICATIONS

PARAMETERS:	MINI
Rated mains voltage 50Hz, V	230
Rated current consumption from the mains phase, A	18,5
Rated welding current, A	150
Maximum operating current, A	180
Duty cycle	40% at 150A / 100% at 94A
Supply voltage variation limits, V	170 - 260
Welding current control limits, A	20 - 150
Hot Start function	Automatic
Arc-Force function	Automatic
Anti-Stick function	Automatic
Idle voltage, V	up to 80
Arc ignition voltage, V	110
Rated power consumption, kVA	4,0
Maximum power consumption, kVA	5,0
Cooling	Forced
Overall dimensions (length, width, height), mm:	200 x 100 x 235
Standards	EN IEC 60974-1
Insulation class H	H
Weight, kg	3,3
Protection class	IP33

DELIVERY SET **MINI/MINI-C**:

Welding cables with an ABICOR BINZEL electrode holder and «ground» terminal

Belt for carrying the machine on the shoulder

PATON branded corrugated box for MINI model

PATON branded plastic case for MINI-C model

COMPLETE

ECO SERIES

PATON inverter welding machines of the ECO series are intended for direct current welding in the MMA mode of a wide range of materials by means of the corresponding type of coated electrodes. Due to their compactness, ease of use, and high productivity, these devices meet the most common requirements of a wide range of welders — from beginners to professionals. The key advantage of the ECO series is the combination of small mass parameters with high workflow characteristics.

Properties and advantages:

- Economical power consumption;
- Build-in low and high voltage protection system – extends the life span of the device;
- Work with weak electric networks – the minimum drawdown of a power supply network;
- Easy to set up and use.

IP33

ABICOR BINZEL

MMA

OVERVOLTAGE PROTECTION

WORKS WITH WEAK POWER NETWORKS

FORCED COOLING

IGBT TECHNOLOGY

HOT START

ARC-FORCE

ANTI-STICK

WORK FROM GENERATOR

LONG CABLES COMPATIBILITY

ECO-160 • 200 • 250 DC MMA

TECHNICAL SPECIFICATIONS

PARAMETERS:	**ECO-160/ ECO-160-C**	**ECO-200/ ECO-200-C**	**ECO-250/ ECO-250-C**
Rated mains voltage 50Hz, V	230	230	230
Rated current consumption from the mains phase, A	20	25	32
Rated welding current, A	160	200	250
Maximum operating current, A	190	240	300
Duty cycle	40% at 160A 100% at 101A	40% at 200A 100% at 126A	40% at 250 A 100% at 158 A
Power supply voltage range, V	170 - 260	170 - 260	170 - 260
Welding current control range, A	20 - 160	25 - 200	32 - 250
Diameter of a stick electrode, mm	1,6 - 4,0	1,6 - 5,0	1,6 - 6,0
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	4,4	5,5	7,0
Maximum power consumption, kVA	5,5	6,9	8,8
Cooling	Forced		
Overall dimensions, WxLxH, mm	200 x 100 x 240	270 x 110 x 240	270 x 110 x 240
Standards	EN IEC 60974-1		
Insulation class H	H		
Weight, kg	3,7	4,0	4,3
Protection class	IP33		

DELIVERY SET **ECO-160/200/250:**

Welding cables with an ABICOR BINZEL electrode holder and «ground» terminal

Belt for carrying the machine on the shoulder

PATON branded corrugated box for ECO-160/200/250

PATON branded plastic case for ECO-160-C/200-C/250-C

COMPLETE

STANDARD SERIES

The welding inverter PATON Standard-350-400V is powered by a 380/400V industrial network and is designed for manual arc welding (MMA) with a coated electrodes, with a diameter of 2 to 6 mm at a rated current of up to 350 amperes. It is distinguished by ease of adjustment, the ratio of small weight and size characteristics with high power and productivity, with a 70% duty cycle at the rated current. The device has a high protection class - IP33 and automatic functions «Hot start», «Anti-sticking», and «Arc Force», which greatly simplify and improve the welding process.

PATON Standard-350-400V is ideal for use in construction, especially in bridge construction, as well as in the manufacture and installation of large metal structures.

MMA

OVERVOLTAGE PROTECTION

WORK WITH WEAK POWER NETWORKS

FORCED COOLING

IGBT TECHNOLOGY

3x400 50Hz

3 - PHASE CIRCUIT

HOT START

IP33

ARC-FORCE

ANTI-STICK

LONG CABLES COMPATIBILITY

WORK FROM GENERATOR

ABICOR BINZEL

STA

SERIES

3 years warranty

STANDARD-350-400V DC MMA

TECHNICAL SPECIFICATIONS

PARAMETERS:	Standard-350-400V
Rated mains voltage 50Hz, V	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
Load duration	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
Standards	EN IEC 60974-1
Insulation class	H
Weight without accessories, kg	9,8
Protection class	IP33

DELIVERY SET **Standard-350-400V:**

Welding cables with an ABICOR BINZEL electrode holder and «ground» terminal

Belt for carrying the machine on the shoulder

PATON branded corrugated box

COMPLETE

PRO SERIES

PATON DIGITAL WELDING INVERTERS OF PROFESSIONAL SERIES – professional machines designed for welding in MMA, TIG, and MIG/MAG modes. Thanks to adjustable additional settings and LCD display, the machine is easy to adjust to any welding task. The increased protection class IP33 and high duty cycle (70%) make these devices the best choice for professional welders.

Properties and advantages:

Extensive possibilities of adjustment of welding parameters:

- in the MMA mode - 1 basic + 10 additional parameters;
- in the «TIG» mode - 1 main + 4 additional parameters;
- in MIG/MAG mode - 1 main + 6 additional parameters.

- The availability of the adjustable PULSE function for MMA,TIG and MIG/MAG welding modes.
- Large LCD display with graphical information for easy parameter settinge.
- Welding using electrodes with any type of coating.

OVERVOLTAGE PROTECTION

WORK WITH WEAK POWER NETWORKS

ADAPTIVE COOLING

IGBT TECHNOLOGY

1~ 50 60 HZ HOUSEHOLD CHAIN

HOT START

ARC-FORCE

ANTI-STICK

IP33

MMA

TIG

MIG/MAG

PULSE

LONG CABLES COMPATIBILITY

WORK FROM GENERATOR

ABICOR BINZEL

PRO-160 • 200 • 250 DC MMA/TIG/MIG/MAG

TECHNICAL SPECIFICATIONS

PARAMETERS:	PRO-160	PRO-200	PRO-250
Rated mains voltage 50Hz, V	230	230	230
Rated current consumption from the mains phase, A	18-21	23-27	29,5-35
Rated welding current, A	160	200	250
Maximum operating current, A	215	270	335
Duty cycle	70% at 160A 100% at 134A	70% at 200A 100% at 167A	60% at 250A 100% at 193A
Power supply voltage range, V	160 - 260	160 - 260	160 - 260
Welding current control range, A	8 - 160	10 - 200	12 - 250
Diameter of a stick electrode, mm	1,6 – 4,0	1,6 – 5,0	1,6 – 6,0
Hot Start Function	Adjustable		
Arc-Force Function	Adjustable		
Anti-Stick function	Automatic		
Idling voltage, V	12/75		
Arc striking voltage, V	110		
Rated power consumption, kVA	4,0 - 4,6	5,0 - 6,0	6,5 - 7,7
Maximum power consumption, kVA	5,8	7,4	9,4
Efficiency, %	92		
Cooling	Adaptive		
Overall dimensions, LxWxH, mm	330 x 115 x 262		
Standards	EN IEC 60974-1		
Insulation class	H		
Weight, kg	5,4	5,6	5,7
Protection class	IP33	IP33	IP33

DELIVERY SET **PRO-160/200/250:**

Welding cables with ABICOR BINZEL electrode holder and «ground» terminal

Belt for carrying the machine on the shoulder

PATON branded plastic case for PRO-160/200/250

COMPLETE

PRO SERIES

PATON PROFESSIONAL industrial digital welding inverters – are designed for welding in MMA, TIG, and MIG/MAG modes. The machines are powered by an industrial three-phase network 380/400V and operate with rated welding currents of 270A (PRO-270-400V) and 350A (PRO-350-400V). They have an increased protection class (IP33), a high duty cycle (70%), and more than 30 parameters for adjustment in three welding modes.

Characteristic features and advantages

- The possibility to control welding parameters in a wide range:
  - In the MMA process: 1 basic parameter + 10 additional parameters;
  - In the TIG process: 1 basic parameter + 4 additional parameters;
  - In the MIG/MAG process: 1 basic parameter + 5 additional parameters.
- The availability of the adjustable PULSE function for MMA,TIG and MIG/MAG welding modes.
- Large LCD display with graphical information for easy parameter settinge.
- The option to turn on the open-circuit voltage reduction unit (VRD).
- Welding using electrodes with any type of coating.
- Increased duty cycle – 70%.
- Enlarged bayonet connectors.

OVERVOLTAGE PROTECTION

WORK WITH WEAK POWER NETWORKS

ADAPTIVE COOLING

IGBT TECHNOLOGY

3x400 50Hz 3 - PHASE CIRCUIT

HOT START

ARC-FORCE

PULSE

ANTI-STICK

ABICOR BINZEL

IP33

MMA

TIG

MIG/MAG

LONG CABLES COMPATIBILITY

WORK FROM GENERATOR

PRO-270-400V • PRO-350-400V DC MMA/TIG/MIG/MAG

TECHNICAL SPECIFICATIONS

PARAMETERS:	PRO-270-400V	PRO-350-400V
Rated mains voltage 50Hz, V	400	400
Rated current consumption from the mains phase, A	12-14	16-18,5
Rated welding current, A	270	350
Maximum operating current, A	350	450
Duty cycle	70%/ 270A 100%/ 225A	70%/ 350A 100%/ 290A
Power supply voltage range, V	±15%	
Welding current control range, A	12 - 270	14 - 350
Diameter of a stick electrode, mm	1,6 – 6,0	
Hot-Start function	Adjustable	
Arc-Force function	Adjustable	
Anti-Stick function	Automatic	
Idling voltage, V	12/75	
Arc striking voltage, V	110	
Rated power consumption, kVA	7,9 - 9,3	10,6 - 12,2
Maximum power consumption, kVA	11,3	15,2
Protection class	IP33	
Cooling	Adaptive	
Overall dimensions, WxLxH, mm	390x145x335	
Standards	EN IEC 60974-1	
Insulation class	H	
Weight, kg	10,5	10,9

DELIVERY SET **PRO-270/350-400V:**

Welding cables with ABICOR BINZEL electrode holder and «ground» terminal

Belt for carrying the machine on the shoulder

PATON branded corrugated box

COMPLETE

PRO SERIES

PATON PRO-500/630-400V welding inverters – industrial machines, which are designed for welding in MMA, TIG, and MIG/MAG modes. Thanks to the LCD display, the devices are easy to configure for any task. These welding machines are aimed at industrial use due to high productivity and wide possibilities of regulation of additional parameters of the welding process. To increase reliability, the PRO-500 and 630 models have a built-in idle voltage reduction unit in the MMA mode to ensure safe operation in difficult conditions, as well as a protection unit against low voltage and short-term high voltage.

Properties and advantages:

- The possibility to control welding parameters in a wide range:
  - In the MMA process: 1 basic parameter + 10 additional parameters;
  - In the TIG process: 1 basic parameter + 4 additional parameters;
  - In the MIG/MAG process: 1 basic parameter + 5 additional parameters.
- The availability of the adjustable PULSE function for MMA,TIG and MIG/MAG welding modes.
- Large LCD display with graphical information for easy parameter setting.
- The option to turn on the open-circuit voltage reduction unit.
- Increased duty cycle – 70%.
- Welding using electrodes with any type of coating.

ABICOR BINZEL

IP23

MMA TIG MIG/MAG PULSE

OVERVOLTAGE PROTECTION

ADAPTIVE COOLING

IGBT TECHNOLOGY

3x400 50Hz 3-PHASE CIRCUIT

HOT START

ARC-FORCE

ANTI-STICK

WORK FROM GENERATOR

LONG CABLES COMPATIBILITY

PRO-500-400V • PRO-630-400V
DC MMA/TIG/MIG/MAG

TECHNICAL SPECIFICATIONS

PARAMETERS:	PRO-500-400V	PRO-630-400V
Rated mains voltage 50Hz, V	3 x 400	3 x 400
Rated current consumption from the mains phase, A	30 - 35,5	42 - 49
Rated welding current, A	500	630
Maximum operating current, A	630	800
Duty cycle	70% at 500A 100% at 420A	70% at 630A 100% at 520A
Power supply voltage range, V	±15%	
Welding current control limits, A	16 - 500	18 - 630
Diameter of a stick electrode, mm	1,6 - 6,0 and more	
Hot Start function	Adjustable	
Arc-Force function	Adjustable	
Anti-Stick function	Automatic	
Idling voltage, V	12/75	
Arc striking voltage, V	110	
Rated power consumption, kVA	19,8 - 23,5	27,7 - 32,4
Weight, kg	21,7	24,2
Cooling	Adaptive	
Overall dimensions, WxLxH, mm	510 x 180 x 385	510 x 235 x 410
Standards	EN IEC 60974-1	
Insulation class	H	
Protection class	IP23	IP23

DELIVERY SET **PRO-500/630-400V:**

Welding cables with ABICOR BINZEL electrode holder and «ground» terminal

PATON branded corrugated box

COMPLETE

TIG

TUNGSTEN INERT GAS — manual arc welding with a non-fusible electrode in an inert shielding gas environment. Since tungsten is most often used as a material for non-fusible electrodes, the abbreviation WIG (Wolfram Inert Gas) is used in the German-language literature. It can be carried out with manual or automatic supply of filler wire or without it. Since argon is the most commonly used as a shielding gas, this method has become known as «argon arc welding».

STANDARD SERIES

PATON StandardTIG-200 and StandardTIG-250 TIG inverters are designed for direct current welding in TIG, MMA, and MIG/MAG modes (combined with an external wire feeding unit). They are powered by a 220/230V network, equipped with a contactless arc ignition unit (oscillator) and an LCD screen with a multilingual interface. The PULSE function is present for all welding modes. The machines are supplied with a shock-resistant case for convenient transportation and storage.

Properties and advantages:

- Wide possibilities of adjustment of welding parameters:
  - in the mode of «MMA» – 1 (basic) + 10 (additional);
  - in mode «TIG» – 1 (main) + 10 (additional);
  - in MIG / MAG mode – 1 (main) + 5 (additional);
- Possibility to adjust to PULSE mode in MMA,TIG and MIG/MAG welding modes;
- Adapted to a standard household power supply;
- Large LCD display with graphical information for easy parameter setting;
- Built-in contactless arc ignition unit (oscillator).

OVERVOLTAGE PROTECTION

WORK WITH WEAK POWER NETWORKS

ADAPTIVE COOLING

IGBT TECHNOLOGY

1~ 50 60 HZ HOUSEHOLD CHAIN

HF/Lift IGNITION

WORK FROM GENERATOR

ABICOR BINZEL

IP33

TIG

MMA

MIG/MAG

PULSE

LONG CABLES COMPATIBILITY

STANDARDTIG-200 • 250 DC
MMA/TIG/MIG/MAG

CHARACTERISTICS:

PARAMETERS:	StandardTIG-200	StandardTIG-250
Rated power supply voltage, V	230	230
Rated current consumption, A	25 ... 28	29,5 ... 35
Rated welding current, A	200	250
Maximum operating current, A	270	335
Power supply voltage range, V	160 - 260	160 - 260
Duty cycle	45% at 200A 100% at 134A	60% at 250 A 100% at 193 A
Welding current control limits, A	10 - 200	12 - 250
Hot Start Function	Adjustable	Adjustable
Arc-Force Function	Adjustable	Adjustable
Anti-Stick Function	Automatic	Automatic
Idling voltage, V	12/70	12/70
Rated power consumption, kVA	5,2 - 6,2	6,5 - 7,7
Maximum power consumption, kVA	8,1	9,4
Cooling	Adaptive	Adaptive
Standards	EN IEC 60974-1	
Insulation class	H	
Overall dimensions, LxWxH, mm	330 x 115 x 262	330 x 115 x 262
Weight, kg	5,9	6,3
Protection class	IP33	

DELIVERY SET **StandardTIG-200/250:**

ABICOR BINZEL TIG torch (for StandardTIG-200)

Belt for carrying the device on the shoulder

Welding cable with ABICOR BINZEL for StandardTIG-200

PATON branded plastic case (for StandardTIG-200)

PATON branded corrugated box (for StandardTIG-250)

COMPLETE

STANDARD SERIES

PATON StandardTIG digital inverters are an excellent choice for TIG DC welding of most non-ferrous metals and their alloys, as well as all steel grades. They are operate in MMA (PULSE), MIG/MAG (PULSE), TIG (PULSE, HF, Lift) modes. Equipped with an oscillator to provide contactless ignition in TIG DC mode, an LCD screen and more than 30 adjustable parameters for easy setup and operation. Up to 16 user parameter programs can be stored in memory in each welding mode. The machines are fully compatible with the PATON Feeder wire feeding units, which allows them to fully operate in MIG/MAG mode and at the same time maintain high mobility when working in MMA and TIG modes.

Properties and advantages:

- Wide possibilities of adjustment of welding parameters:
  - in the mode of «MMA» - 1 (basic) + 10 (additional);
  - in mode «TIG» - 1 (main) + 10 (additional);
  - in MIG / MAG mode - 1 (main) + 5 (additional);
- Possibility to adjust to PULSE mode in MMA,TIG and MIG/MAG welding modes;
- Large LCD display with graphical information for easy parameter setting;
- Built-in contactless arc ignition unit (oscillator).

OVERVOLTAGE PROTECTION

WORK WITH WEAK POWER NETWORKS

ADAPTIVE COOLING

IGBT TECHNOLOGY

3x400 50Hz
3 - PHASE CHAIN

HF/Lift IGNITION

WORK FROM GENERATOR

ABICOR BINZEL

IP33

TIG MMA MIG/MAG PULSE

LONG CABLES COMPATIBILITY

STANDARDTIG-270-400V • STANDARDTIG-350-400V DC MMA/TIG/MIG/MAG

CHARACTERISTICS:

PARAMETERS:	StandardTIG-270-400V	StandardTIG-350-400V
Rated power supply voltage, V	3x400	3x400
Rated current consumption from the mains phase, A	12 - 14	16 - 18,5
Rated welding current, A	270	350
Maximum operating current, A	350	450
Duty cycle	70% at 270A 100% at 225A	70% at 350A 100% at 290A
Power supply voltage range, V	±15%	±15%
Welding current control limits, A	12 - 270	14 - 350
Hot Start Function	Adjustable	
Arc-Force Function	Adjustable	
Anti-Stick Function	Automatic	
Idling voltage, V	12 / 70	
Rated power consumption, kVA	7,9 - 9,3	10,6 - 12,2
Maximum power consumption, kVA	11,5	15,2
Cooling	Adaptive	
Standards	EN IEC 60974-1	
Insulation class	H	
Overall dimensions, LxWxH, mm	390 x 145 x 335	
Weight, kg	10,1	10,9
Protection class	IP 33	

DELIVERY SET **StandardTIG-270/350-400V:**

Belt for carrying the device on the shoulder

PATON branded corrugated box

COMPLETE

PRO SERIES

PROFESSIONAL TIG INVERTERS PATON ProTIG SERIES are designed for welding a wide range of non-ferrous and ferrous metals: aluminum and its alloys, copper, titanium, stainless steel, cast iron, and all grades of steel both direct and alternating current. They work in four modes: TIG AC, TIG DC, MMA AC/DC, and SPOT. Equipped with a color LCD screen. The machines can store up to 10 sets of user-configured parameters for each welding mode.

Properties and advantages:

- Contact and contactless (by an built-in oscillator) arc starting.
- The possibility to provide the symmetry and frequency of welding current in the TIG AC welding mode.
- The setting of operating 2T and 4T modes of the torch button.
- The enhanced reliability of the welding unit in operation in dusty environment.
- Electronic thermal protection modules for protecting all the heat-generating components of the welding machine against overheating.

TIG AC/DC

TIG SPOT

MMA AC/DC

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

ADAPTIVE COOLING

IGBT
TECHNOLOGY

REMOTE/PEDAL CONTROL

ABICOR BINZEL

IP23

AC/DC
TIG MIX

DOUBLE PULSE

HF/Lift
IGNITION

PRO SERIES

2 years warranty

1 year warranty

PROTIG-200 AC/DC • PROTIG-315-400V AC/DC TIG/MMA

TECHNICAL SPECIFICATIONS

PARAMETERS:	ProTIG-200 AC/DC	ProTIG-315-400V AC/DC
Welding modes	MMA AC/DC, TIG AC/DC, SPOT	
Rated power supply voltage, V	230	400
Rated welding current, A	200	315
Welding current control range, A	5 - 200	10 - 315
Power supply voltage range, V	190-260	±10%
Duty cycle	DC 100% at 126A/40% at 200A AC 100% at 140A/50% at 200A	DC 100% at 180A/40% at 315A AC 100% at 200A/50% at 315A
Idling voltage, V	65 - 80	65 - 80
Contactless arc ignition	+	
Welding current indication	+	
Memorizing modes	+	
Torch button mode in TIG AC/DC modes	2T / 4T	
Starting current regulation, A	5 - 185	10 - 300
Regulation of current rise time, sec	0 - 15	
Regulation of the downslope time, sec	0 - 25	
Rated power consumption, kVA	6,3	13,5
Frequency of alternating welding current, Hz	15 - 200	15 - 70
Standards	EN IEC 60974-1	
Insulation class	H	
Polarity balance TIG AC mode, %	15 - 90	15 - 90
Overall dimensions, WxLxH, mm	492 x 199 x 352	561 x 288 x 387
Weight, kg	12,5	23,0
Protection class	IP23	

DELIVERY SET **ProTIG-200/315-400V AC/DC**

ABICOR BINZEL TIG torch

Welding cable with ABICOR BINZEL «ground» terminal

Quick-release pneumatic connector

PATON branded corrugated box

COMPLETE

PRO SERIES

TIG AC/DC

TIG SPOT

MMA AC/DC

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

ADAPTIVE COOLING

IGBT
TECHNOLOGY

REMOTE/PEDAL CONTROL

PROFESSIONAL TIG INVERTER PATON MasterTIG 200 AC/DC is a highly versatile device designed for TIG AC/DC welding, MMA welding, and spot welding in SPOT mode. The MasterTIG-200 AC/DC model supports welding with both alternating (AC) and direct current (DC) up to 200 amps, allowing it to handle a wide range of materials: aluminum and aluminum alloys (TIG AC mode), as well as steel, non-ferrous metals, and copper alloys (TIG DC mode). The inverter ensures excellent arc ignition, a consistently stable arc, and high-quality welds, while remaining easy to set up and user-friendly.

Properties and advantages:

- Contactless arc ignition (built-in oscillator);
- Memory for up to 10 user-configured programs;
- Torch button modes: 2T and 4T;
- DOUBLE PULSE function in TIG AC/DC and MMA modes;
- Cleaning and polishing function;
- Arc stabilization in TIG AC/DC modes;
- Equipped with a modern digital interface with a TFT screen;
- SPOT mode (spot welding).

ABICOR BINZEL

IP 23

AC/DC
TIG MIX

DOUBLE PULSE

HF/Lift
IGNITION

2 years warranty

MASTERTIG-200 AC/DC E

TECHNICAL SPECIFICATIONS

PARAMETERS:	MasterTIG-200 AC/DC
Welding modes	MMA DC, TIG AC/DC, SPOT AC/DC
Rated power supply voltage, V	220/230
Rated welding current, A	200
Welding current control range, A	5 - 200
Power supply voltage range, V	190-260
Duty cycle	DC 100% при 126A/40% при 200A AC 100% при 140A/50% при 200A
Idling voltage, V	65 - 80
Contactless arc ignition	+
Welding current indication	+
Memorizing modes	+
Torch button mode in TIG AC/DC modes	2T/4T
Starting current regulation, A	5 - 185
Regulation of current rise time, sec	0 - 15
Regulation of the downslope time, sec	0 - 25
Rated power consumption, kVA	6,3
Frequency of alternating welding current, Hz	15 - 200
Standards	EN IEC 60974-1
Insulation class	H
Polarity balance TIG AC mode, %	15 - 90
Overall dimensions, WxLxH, mm	465 x 150 x 350
Weight, kg	12,5
Protection class	IP23

DELIVERY SET **MASTERTIG-200 AC/DC**

ABICOR BINZEL TIG torch

Welding cable with ABICOR BINZEL «ground» terminal

Quick-release pneumatic connector

PATON branded corrugated box

COMPLETE

MIG/MAG

METAL INERT/ACTIVE GAS — means inert gas-shielded or active gas-shielded welding with a consumable metallic welding wire by using automatic welding wire feed. This process of gas-shielded arc welding is the most popular in the industry. Sometimes this welding process is designated as GMA (Gas Metal Arc). The term “semi-automatic arc welding” is correct, as only welding wire feed is automatic in this welding process. The MIG/MAG welding process is successfully used in automated and robotic arc welding.

EUROMIG

PATON EuroMIG MIG/MAG inverter welding machine — operates in three welding modes MIG/MAG, MMA, TIG, and is ideal for the most common welding tasks with welding wire of 0.6-1.0 mm or coated electrode with a diameter of 1.6-4.0 mm. This will allow welders to confidently work with products made of alloyed and non-alloyed steel, non-ferrous metals, and alloys up to 3 mm thick in MIG/MAG mode or up to 8 mm in MMA mode.

One of the features of the PATON EuroMIG device is its high performance because its duty cycle at a rated current of 150A is 80%. At the same time, the mass-dimensional characteristics of the device turned out to be even smaller compared to the other PATON semi-automatic machines.

In MIG/MAG mode, the SPOT function has also been added to enable spot welding with a well-defined spot time parameter. In addition, the machine has a PULSE function for MMA and TIG modes and is equipped with the most requested functions and more than 30 welding process settings to facilitate the welder's work.

OVERVOLTAGE PROTECTION

WORK WITH WEAK POWER NETWORKS

ADAPTIVE COOLING

IGBT TECHNOLOGY

1~ 50 60 HZ HOUSEHOLD CHAIN

LONG CABLES COMPATIBILITY

IP33

MIG/MAG

MMA

TIG

INDUCTION FUNCTION

80% DUTY CYCLE

WORK FROM GENERATOR

ABICOR BINZEL

PRO SERIES

EUROMIG MMA/TIG/MIG/MAG

TECHNICAL SPECIFICATIONS

PARAMETERS:	**EuroMIG**
Rated supply voltage 50Hz, V	230
Rated current consumption, A	17 – 20
Rated welding current, A	150
Maximum operating current, A	200
Power supply voltage range, V	160 – 260
Duty cycle	80% at 150A 100% at 134A
Solid welding wire diameter, mm	0,6 – 1,0
Hot Start Function	Adjustable
Arc-Force Function	Adjustable
Anti-Stick Function	Automatic
Idling voltage, V	12 / 75
Arc striking voltage, V	110
Rated power consumption, kVA	3,8 - 4,4
Maximum power consumption, kVA	5,5
Efficiency, %	90
Cooling	Adaptive
Standards	EN IEC 60974-1
Insulation class	H
Operating temperature range	–25 ... +45°C
Overall dimensions (length, width, height), mm:	390 x 194 x 295
Weight without accessories, kg	9.2
Protection class	IP33

DELIVERY SET **EuroMIG:**

Quick-release pneumatic connector

MIG/MAG torch

Welding cables with electrode holder and ground terminal

PATON branded corrugated box

COMPLETE

STANDARD SERIES

DIGITAL INVERTER MIG/MAG MACHINES PATON «STANDARD» SERIES are designed for direct current welding of a wide range of materials in MIG/MAG, MMA and TIG modes with the PULSE function for each of these modes. These machines are powered by a single-phase 230V network and provide good duty cycle at their rated current of 160A, 200A and 250A, respectively. PATON MIG/MAG machines of the «Standard» series are distinguished by the ratio of small overall characteristics with high rated current, high work performance and reliability.

Properties and advantages:

- Extensive possibilities of adjustment of welding parameters:
  - in the mode of «MMA» – 1 (basic) + 10 (additional);
  - in mode «TIG» – 1 (main) + 4 (additional);
  - in MIG / MAG mode – 2 (main) + 9 (additional);
- Possibility to adjust to PULSE mode in MMA,TIG and MIG/MAG welding modes;
- The microelectronics of the welding current source are placed in a separate compartment;
- Separate closed compartment for coil with welding wire.
- Convenient torch connection (KZ-2 EURO type socket).

OVERVOLTAGE PROTECTION

WORK WITH WEAK POWER NETWORKS

ADAPTIVE COOLING

IGBT TECHNOLOGY

1~ 50 60 HZ HOUSEHOLD CHAIN

INDUCTION FUNCTION

LONG CABLES COMPATIBILITY

ABICOR BINZEL

IP33

TIG

MMA

MIG/MAG

PULSE

WORK FROM GENERATOR

STANDARDMIG-160 • 200 • 250
DC MMA/TIG/MIG/MAG

CHARACTERISTICS:

PARAMETERS:	StandardMIG-160	StandardMIG-200	StandardMIG-250
Rated supply voltage 50Hz, V	230	230	230
Rated mains current, A	18 - 21	23 - 27	29,5 - 35
Rated welding current, A	160	200	250
Maximum operating current, A	215	270	335
Power supply voltage range, V		160 - 260	
Duty cycle	45% at 160A 100% at 107A	45% at 200A 100% at 134A	45% at 250A 100% at 167A
Welding current control range, A	8 - 160	10 - 200	12 - 250
Welding voltage control range, V	12 - 24	12 - 26	12 - 28
Wire feed speed control limits, m / min		2,0 - 16	
Hot Start Function		Adjustable	
Arc-Force Function		Adjustable	
Anti-Stick Function		Automatic	
Idling voltage, V		12/75	
Arc striking voltage, V		110	
Rated power consumption, kVA	4,1 - 4,7	5,1 - 6,1	6,6 - 7,8
Maximum power consumption, kVA	5,9	7,5	9,5
Cooling		Adaptive	
Standards		EN IEC 60974-1	
Insulation class		H	
Overall dimensions, LxWxH, mm		420 x 245 x 300	
Weight, kg	11,0	11,2	11,5
Protection class		IP 33	

DELIVERY SET **StandardMIG-160/200/250:**

Set of rollers for 4 diameters of welding wire and a union for quick-release connection of a gas hose

Welding cables with ABICOR BINZEL electrode holder and «ground» terminal

ABICOR BINZEL MIG/MAG torch

PATON branded corrugated box

COMPLETE

STANDARD SERIES

Inverter three-phase MIG/MAG devices PATON StandardMIG-270/350 of the «Standard» series are designed for direct current welding of a wide range of materials in MIG/MAG, MMA, and TIG modes with the PULSE function for each of them. These devices are powered by a three-phase 400V network and provide a 55% duty cycle at their nominal current of 270A and 350A, respectively. The bracket makes it possible to install coils with wire weighing up to 15 kg, which are placed in a separate closed compartment, which ensures protection of the wire from dirt, and a reliable feeding mechanism guarantees stable wire feeding through the torch channel, up to 5 meters long.

Properties and advantages:

- Extensive possibilities of adjustment of welding parameters:
  - in the mode of «MMA» – 1 (basic) + 10 (additional);
  - in mode «TIG» – 1 (main) + 4 (additional);
  - in MIG / MAG mode – 2 (main) + 9 (additional);
- Possibility to adjust to PULSE mode in MMA,TIG and MIG/MAG welding modes;
- The microelectronics of the source are placed in a separate compartment;
- Separate closed compartment for coil with welding wire weighing up to 15 kg.
- Convenient torch connection (KZ-2 EURO type socket).

OVERVOLTAGE PROTECTION

ADAPTIVE COOLING

IGBT TECHNOLOGY

3x400 50Hz
3-PHASE CHAIN

LONG CABLES COMPATIBILITY

WORK FROM GENERATOR

PULSE

INDUCTION FUNCTION

ABICOR BINZEL

IP33

MIG/MAG MMA TIG

STANDARDMIG-270-400V • 350-400V
DC MMA/TIG/MIG/MAG

CHARACTERISTICS:

PARAMETERS:	StandardMIG-270-400V	StandardMIG-350-400V
Rated supply mains voltage 50Hz, V	3x400	3x400
Rated current consumption from the mains phase, A	12,0 - 14,0	16,0 - 18,5
Rated welding current, A	270	350
Maximum operating current, A	350	450
Duty cycle	55% at 270A 100% at 200A	55% at 350A 100% at 260A
Power supply voltage range, V	15%	
Welding current control range, A	12-270	14-350
Welding voltage control range, V	12 - 29	12 - 30
Wire feed speed control limits, m/min	2,0 - 16	
Welding wire diameter, mm	0,6 - 1,2	0,6 - 1,4
Number of rollers of the wire feed mechanism	2	4
Coil weight, kg	up to 15	
Operating temperature range	–25 ... +45°C	
Hot Start Function	Adjustable	
Arc-Force Function	Adjustable	
Anti-Stick Function	Automatic	
Idle voltage reduction unit	on / off	
Idling voltage, V	12 / 75	
Arc striking voltage, V	110	
Rated power consumption, kVA	8 - 9,4	10,7 - 12,3
Maximum power consumption, kVA	11,4	15,3
Cooling	Adaptive	
Standards	EN IEC 60974-1	
Insulation class	H	
Dimensions, mm (length, width, height)	615x310x460	
Weight, kg	27,6	27,7
Protection class	IP33	

DELIVERY SET **StandardMIG-270/350-400V:**

Set of rollers for 4 diameters of welding wire and 2 diameters of aluminum wire (for StandartMIG-350) and a union for quick-release connection of a gas hose

Welding cables with ABICOR BINZEL electrode holder and «ground» terminal

ABICOR BINZEL MIG/MAG torch

PATON branded corrugated box

COMPLETE

STANDARD SERIES

PATON StandardMIG-270-400V WK and PATON StandardMIG-350-400V WK semi-automatic welding sets are designed for mobile welding stations with the ability to operate in MIG/MAG (PULSE), MMA (PULSE) and TIG (PULSE, LIFT) modes. These machines have a load duration of 55% with a rated current of 270A and 350A, respectively. A special bracket allows you to install wire spools weighing up to 15 kg, which are placed in a closed compartment to protect them from contamination. A reliable feeding mechanism ensures stable transportation of wire up to 5 meters through the torch channel.

Properties and advantages:

- Extensive possibilities of adjustment of welding parameters:
  - in the mode of «MMA» – 1 (basic) + 12 (additional);
  - in mode «TIG» – 1 (main) + 9 (additional);
  - in MIG / MAG mode – 2 (main) + 11 (additional);
- Possibility to adjust to PULSE mode in MMA,TIG and MIG/MAG welding modes;
- The microelectronics of the source are placed in a separate compartment;
- Separate closed compartment for coil with welding wire weighing up to 15 kg.
- Convenient torch connection (KZ-2 EURO type socket).

TIG MMA MIG/MAG

IP33

ABICOR BINZEL

OVERVOLTAGE PROTECTION

ADAPTIVE COOLING

IGBT TECHNOLOGY

3x400 50Hz 3-PHASE CHAIN

LONG CABLES COMPATIBILITY

WORK FROM GENERATOR

PULSE

INDUCTION FUNCTION

STANDARD SERIES

3 years warranty

STANDARDMIG-270-400V WK • 350-400V WK
DC MMA/TIG/MIG/MAG

CHARACTERISTICS:

PARAMETERS:	StandardMIG-270 WK	StandardMIG-350 WK
Rated supply mains voltage 50Hz, V	3x400	3x400
Rated current consumption from the mains phase, A	12,0 - 14,0	16,0 - 18,5
Rated welding current, A	270	350
Maximum operating current, A	350	450
Duty cycle	55% at 270A 100% at 200A	55% at 350A 100% at 260A
Power supply voltage range, V	15%	
Welding current control range, A	12-270	14-350
Welding voltage control range, V	12 - 29	12 - 30
Wire feed speed control limits, m/min	2,0 - 16	
Welding wire diameter, mm	0,6 - 1,2	0,6 - 1,4
Number of rollers of the wire feed mechanism	2	4
Coil weight, kg	up to 15	
Operating temperature range	–25 ... +45°C	
Hot Start Function	Adjustable	
Arc-Force Function	Adjustable	
Anti-Stick Function	Automatic	
Idle voltage reduction unit	on / off	
Idling voltage, V	12 / 75	
Arc striking voltage, V	110	
Rated power consumption, kVA	8 - 9,4	10,7 - 12,3
Maximum power consumption, kVA	11,4	15,3
Cooling	Adaptive	
Standards	EN IEC 60974-1	
Insulation class	H	
Dimensions, mm (length, width, height)	615x310x460	
Weight, kg	27,6	27,7
Protection class	IP33	

DELIVERY SET **StandardMIG-270/350-400V WK:**

Set of rollers for 4 diameters of welding wire and 2 diameters of aluminum wire (for StandartMIG-350) and a union for quick-release connection of a gas hose

Welding cables with ABICOR BINZEL electrode holder and «ground» terminal

ABICOR BINZEL MIG/MAG torch

PATON branded corrugated box

COMPLETE

PRO SERIES

Inverter digital MIG/MAG machines PATON ProMIG-200/250 of the Professional series are designed for direct-current gas-shielded welding in MMA, TIG, and MIG/MAG modes. These PATON ProMIG welding machines are designed for professional use. The welding current source can be used separately from the wire feeding unit in order to provide ease of operation in MMA and TIG modes and provide compliance of the machine with safety requirements in some welding cases. These machines are rated for operation with an optimal duty cycle at rated currents 200A and 250A correspondingly, in operation from a 230V single-phase power supply system. The function of open-circuit voltage reduction in the MMA mode, with the possibility for this function to be switched on and off, allows the welding machine to be operated in an unsafe environment. The characteristic feature of the MIG/MAG welding machines of the PROFESSIONAL series is that every model has a high-power, reliable, wire-feeding mechanism with powerfull airtight motor.

Properties and advantages:

- More than 30 parameters for setting up the welding process in 3 modes.
- The availability of the adjustable PULSE function for MMA,TIG and MIG/MAG welding modes.
- Possibility of separation/diversity of the welding current source from the wire-feeding unit.
- Increased protection class and duty cycle.
- Convenient torch connection (KZ-2 EURO type socket).

OVERVOLTAGE PROTECTION

WORK WITH WEAK POWER NETWORKS

ADAPTIVE COOLING

IGBT TEHNOLOGY

1~ 50 60 HZ HOUSEHOLD CHAIN

LONG CABLES COMPATIBILITY

WORK FROM GENERATOR

DOUBLE CASE

INDUCTION FUNCTION

ABICOR BINZEL

IP33

TIG MMA MIG/MAG PULSE

PROMIG-200 • 250
DC MMA/TIG/MIG/MAG

TECHNICAL SPECIFICATIONS

PARAMETERS:	ProMIG-200	ProMIG-250
Rated supply mains voltage 50Hz, V	230	230
Rated mains current, A	23 - 27	29,5 - 35
Rated welding current, A	200	250
Maximum operating current, A	270	335
Duty cycle	70% at 200A / 100% at 167A	60% at 250A / 100% at 193A
Power supply voltage range, V	160 ... 260	
Welding current control range, A	10 - 200	12 - 250
Welding voltage control range, V	12 - 26	12 - 28
Diameter of an electrode, mm	1,6 - 5,0	1,6 - 6,0
Welding wire diameter, mm	0,6 - 1,0	0,6 - 1,2
Coil weight, kg	up to 15	
Hot Start Function	Adjustable	
Arc-Force Function	Adjustable	
Anti-Stick Function	Automatic	
Idle voltage reduction unit	on/ off	
Idling voltage, V	12 / 75	
Arc striking voltage, V	110	
Rated power consumption, kVA	5,1 - 6,1	6,6 - 7,8
Maximum power consumption, kVA	7,5	9,5
Cooling	Adaptive	
Standards	EN IEC 60974-1	
Insulation class	H	
Dimensions, mm (length, width, height)	360 x 260 x 270	
Weight, kg	13,2	14,0
Protection class	IP33	

DELIVERY SET **ProMIG-200/250:**

Set of rollers for 4 diameters of steel welding wire and 2 diameters of aluminum wire (for ProMIG-250-15-4), and a union for quick-release connection of a gas hose

Welding cables with ABICOR BINZEL electrode holder and «ground» terminal

ABICOR BINZEL MIG/MAG torch

PATON branded corrugated box

PROTECTIVE BOX

COMPLETE

PRO SERIES

Inverter digital MIG/MAG machines PATON ProMIG-270/350-400V of the Professional series are designed for direct-current gas-shielded welding in MMA, TIG, and MIG/MAG modes. These PATON ProMIG welding machines are designed for industrial use. The welding current source can be used separately from the wire feeding unit in order to provide ease of operation in MMA and TIG modes and provide compliance of the machine with safety requirements in some welding cases. These machines are rated for operation with an optimal duty cycle at rated currents 270A and 350A correspondingly, in operation from a 400V three-phase power supply system. The function of open-circuit voltage reduction in the MMA mode, with the possibility for this function to be switched on and off, allows the welding machine to be operated in an unsafe environment. The characteristic feature of the MIG/MAG welding machines of the PROFESSIONAL series is that every model has a high-power, reliable, wire-feeding mechanism with powerfull airtight motor.

Properties and advantages:

- More than 30 parameters for setting up the welding process in 3 modes.
- The availability of the adjustable PULSE function for MMA,TIG and MIG/MAG welding modes.
- Possibility of separation/diversity of the welding current source from the wire-feeding unit.
- Increased protection class and duty cycle.
- Convenient torch connection (KZ-2 EURO type socket).

ABICOR BINZEL

IP33

TIG

MMA

MIG/MAG

PULSE

OVERVOLTAGE PROTECTION

ADAPTIVE COOLING

IGBT
TECHNOLOGY

3x400 50Hz
3 PHASE CHAIN

LONG CABLES COMPATIBILITY

WORK FROM GENERATOR

DOUBLE CASE

INDUCTION FUNCTION

PROMIG-270-400V • 350-400V
DC MMA/TIG/MIG/MAG

TECHNICAL SPECIFICATIONS

PARAMETERS:	ProMIG-270-400V	ProMIG-350-400V
Rated supply mains voltage 50Hz, V	3 x 400	3 x 400
Rated current consumption from the mains phase, A	12 - 14	16 - 18,5
Rated welding current, A	270	350
Maximum operating current, A	350	450
Duty cycle	70% at 270A / 100% at 225A	70% at 350A / 100% at 290A
Power supply voltage range, V	±15%	±15%
Welding current control range, A	12 - 270	14 - 350
Welding voltage control range, V	12 - 29	12 - 30
Diameter of an electrode, mm	1,6 - 6,0	1,6 - 6,0
Welding wire diameter, mm	0,6 - 1,2	0,6 - 1,4
Maximum weight of the coil, kg	up to 15	
Wire feed speed control range, m/min	1,5 - 16,0	
Hot Start Function	Adjustable	
Arc-Force Function	Adjustable	
Anti-Stick Function	Automatic	
Idle voltage reduction unit	on/off	
Idling voltage, V	12/75	
Arc striking voltage, V	110	
Rated power consumption, kVA	8,0 - 9,4	10,7 - 12,3
Maximum power consumption, kVA	11,4	15,3
Cooling	Adaptive	
Standards	EN IEC 60974-1	
Insulation class	H	
Dimensions, mm (length, width, height)	540 x 360 x 400	
Weight, kg	22,5	22,9
Protection class	IP33	

DELIVERY SET **ProMIG-270/350-400V:**

Set of rollers for 4 diameters of steel welding wire and 2 diameters of aluminum wire (for ProMIG-270-15-4 and ProMIG-350-15-4), and a union for quick-release connection of a gas hose

Welding cables with ABICOR BINZEL electrode holder and «ground» terminal

ABICOR BINZEL MIG/MAG torch

PATON branded corrugated box

PROTECTIVE BOX

COMPLETE

PRO SERIES

PATON PowerMIG-400-15-4-400V MIG/MAG - welding machine is a professional-grade device designed for MIG/MAG, MMA, and TIG welding with direct current in protective gas and gas mixture environments. The main feature of the PATON PowerMIG-400-15-4-400V is its 100% duty cycle (DC) at a nominal current of 400 A, ensuring continuous operation without the risk of overheating. This makes it ideal for long and intensive tasks in industrial settings. The inverter machine supports welding with electrodes ranging from 1.6 mm to 8 mm in diameter and semi-automatic welding with solid wire ranging from 0.6 mm to 1.6 mm. Its robust wire bracket allows for the installation of wire spools weighing up to 15 kg.

Features and Benefits:

- Wide range of welding parameter adjustments
(over 25 parameters for 3 welding modes);
- The ability to separate the power source from the wire feeding mechanism;
- Encoder for convenient parameter configuration;
- Large LCD display with graphical information;
- Dynamic interface information updates;
- 100% duty cycle.

OVERVOLTAGE PROTECTION

ADAPTIVE COOLING

IGBT TECHNOLOGY

3x400 50Hz 3 PHASE CHAIN

LONG CABLES COMPATIBILITY

WORK FROM GENERATOR

DOUBLE CASE

INDUCTION FUNCTION

IP23

TIG MMA MIG/MAG PULSE

POWERMIG-400-15-4-400V
DC MMA/TIG/MIG/MAG

TECHNICAL SPECIFICATIONS

PARAMETERS:	PowerMIG-400-15-4-400V
Rated supply mains voltage 50Hz, V	3x380, 3x400
Rated current consumption from the mains phase, A	22 - 26
Rated welding current, A	400
Maximum operating current, A	500
Duty cycle	100% at 400A
Power supply voltage range, V	±15%
Welding current control range, A	15 - 400
Welding voltage control range, V	12 - 35
Diameter of an electrode, mm	1,6 - 8,0
Welding wire diameter, mm	0,6 - 1,6
Wire feed speed control range, m/min	1 - 20
Hot Start Function	Adjustable
Arc-Force Function	Adjustable
Anti-Stick Function	Automatic
Idle voltage reduction unit	on / off
Idling voltage, V	12/75
Arc striking voltage, V	110
Rated power consumption, kVA	15,2 - 18
Maximum power consumption, kVA	20,2
Cooling	Adjustable
Standards	EN IEC 60974-1
Insulation class	H
Dimensions, mm (length, width, height)	510 x 235 x 410
Weight, kg	38,4
Protection class	IP23

DELIVERY SET **POWERMIG-400-15-4-400V:**

Fitting for quick-release gas hose connection, set of rollers for 4 diameters of steel and 2 diameters of aluminum wire

Welding cables with ABICOR BINZEL «ground» terminal

PATON branded corrugated box

PROTECTIVE BOX

COMPLETE

PRO SERIES

Industrial inverter MIG/MAG machines PATON ProMIG-500/630 are designed for MMA, TIG, and MIG/MAG in the environment of protective gases and mixtures on a direct current in industrial conditions. These machines are powered by a powerful three-phase power-supply network 400V, and provide almost continuous operation at their rated currents of 500A and 630A correspondingly, which is enough to work with any electrodes from Ø1.6 mm to Ø8 mm and welding with solid wire with a diameter of Ø0, 6 mm to Ø2,0 mm. A distinctive feature of PATON MIG/MAG machines is a potent, high-quality metal 4-roller wire feed mechanism with a sealed motor.

Features and benefits:

- Extensive possibilities of adjustment of welding parameters (more than 30 parameters for 3 modes of welding).
- The availability of the adjustable PULSE function for MMA,TIG and MIG/MAG welding modes.
- Large LCD display with graphical information for easy parameter setting.
- Powerful 4-roller mechanism with a drive for all 4 rollers.
- Convenient torch connection (KZ-2 EURO type socket).

OVERVOLTAGE PROTECTION

ADAPTIVE COOLING

IGBT TECHNOLOGY

3x400 50Hz 3 PHASE CHAIN

LONG CABLES COMPATIBILITY

WORK FROM GENERATOR

DOUBLE CASE

ABICOR BINZEL

IP23

TIG

MMA

MIG/MAG

PULSE

INDUCTION FUNCTION

PROMIG-500-400V • PROMIG-630-400V DC MMA/TIG/MIG/MAG

TECHNICAL SPECIFICATIONS

PARAMETERS:	ProMIG-500-400V	ProMIG-630-400V
Rated supply mains voltage 50Hz, V	3 x 400	3 x 400
Rated current consumption from the mains phase, A	30 - 35,5	42 - 49
Rated welding current, A	500	630
Maximum operating current, A	630	800
Duty cycle	70% at 500A / 100% at 420A	70% at 630A / 100% at 520A
Power supply voltage range, V	±15%	
Welding current control range, A	16 - 500	18 - 630
Welding voltage control range, V	12 - 40	12 - 44
Diameter of an electrode, mm	1,6 - 8,0	
Welding wire diameter, mm	0,6 - 1,6	0,6 - 2,0
Wire feed speed control range, m/min	1,5 - 20	
Hot Start Function	Adjustable	
Arc-Force Function	Adjustable	
Anti-Stick Function	Automatic	
Idle voltage reduction unit	on / off	
Idling voltage, V	12/75	
Arc striking voltage, V	110	
Rated power consumption, kVA	19,9 - 23,6	27,8 - 32,5
Maximum power consumption, kVA	29,0	40,1
Cooling	Adaptive	
Standards	EN IEC 60974-1	
Insulation class	H	
Dimensions, mm (length, width, height)	510 x 180 x 385	510 x 235 x 410
Weight, kg	36,7	38,4
Protection class	IP23	

DELIVERY SET **ProMIG-500-400V/630-400V:**

Fitting for quick-release gas hose connection, set of rollers for 4 diameters of steel and 2 diameters of aluminum wire

Welding cables with ABICOR BINZEL «ground» terminal

PATON branded corrugated box

PROTECTIVE BOX

COMPLETE

PRO SERIES

Inverter digital MIG/MAG machines PATON ProMIG-350/500/630-400V W are designed for industrial use in MMA, TIG, and MIG/MAG welding modes. The machines are implemented in a fully digital control method, due to which, its versatility and wide capabilities in the precise setting of welding modes are provided. The increased duty cycle on a rated current of 350A, 500A and 630A correspondingly, allows the welder to work with any electrodes with a diameter from Ø1,6 mm to Ø8 mm, and weld with solid wire with a diameter from Ø0,6 mm to Ø2,0 mm. The machines have a potent, high-quality metal 4-roller wire feed mechanism with a sealed motor.

The universal connector KZ-2 of the EURO type allows users to connect welding torches from a wide range of producers. Also, machines are equipped with connectors for connecting an autonomous cooling unit and liquid-cooled MIG/MAG torches. In combination with high power and productivity, these machines have small weights and overall dimensions. And thanks to LCD screens, the devices are easy and convenient to configure to solve any welding task.

OVERVOLTAGE PROTECTION

ADAPTIVE COOLING

IGBT
TECHNOLOGY

3 ≈
3x400 50Hz
3 PHASE CHAIN

LONG CABLES COMPATIBILITY

WORK FROM GENERATOR

DOUBLE CASE

ABICOR BINZEL®

TIG

MMA

MIG/MAG

PULSE

INDUCTION FUNCTION

PROMIG-350-400V W • PROMIG-500-400V W • PROMIG-630-400V W DC MMA/TIG/MIG/MAG

TECHNICAL SPECIFICATIONS

PARAMETERS:	ProMIG-350W	ProMIG-500 W	ProMIG-630 W
Rated supply mains voltage 50Hz, V	3 x 400	3 x 400	3 x 400
Rated current consumption from the mains phase, A	16 - 18,5	30 - 35,5	42 - 49
Rated welding current, A	350	500	630
Maximum operating current, A	450	630	800
Duty cycle	70% at 350A / 100% at 290A	70% at 500A / 100% at 420A	70% at 630A / 100% at 520A
Power supply voltage range, V	±15%		
Welding current control range, A	14 - 350	16 - 500	18 - 630
Welding voltage control range, V	12 - 30	12 - 40	12 - 44
Diameter of an electrode, mm	1,6 - 8,0		
Welding wire diameter, mm	0,6 - 1,4	0,6 - 1,6	0,6 - 2,0
Wire feed speed control range, m/min	1,5 - 20		
Hot Start Function	Adjustable		
Arc-Force Function	Adjustable		
Anti-Stick Function	Automatic		
Idle voltage reduction unit	on / off		
Idling voltage, V	12/75		
Arc striking voltage, V	110		
Rated power consumption, kVA	10,7 - 12,3	19,9 - 23,6	27,8 - 32,5
Maximum power consumption, kVA	15,3	29,0	40,1
Cooling	Adaptive		
Standards	EN IEC 60974-1		
Insulation class	H		
Dimensions, mm (length, width, height)	360x540x400	510 x 180 x 385	510 x 235 x 410
Weight, kg	23,9	36,7	38,4
Protection class	IP33	IP23	IP23

DELIVERY SET **ProMIG-350/500/630-400V W:**

Fitting for quick-release gas hose connection, set of rollers for 4 diameters of steel and 2 diameters of aluminum wire

Welding cables with ABICOR BINZEL «ground» terminal

PATON branded corrugated box

PROTECTIVE BOX

COMPLETE

PRO SERIES

Industrial inverter MIG/MAG welders PATON ProMIG-500/630-400V W MAXwire - are machines for industrial use, designed for MIG/MAG, MMA and TIG welding, direct current, in the environment of shielding gases and mixtures.

The main difference between MIG/MAG machines is the reinforced metal 4-roller feeder wire feeding mechanism with a more powerful sealed motor, which makes it possible to to weld with flux-cored wire with a diameter of up to 4 mm (for ProMIG 630-400V W MAXwire). These inverters provide virtually continuous duration of the load at a rated current of 500 A and 630 A, respectively, when power supply from a powerful three-phase 380 (400) V network, which is sufficient for work with any electrodes from Ø1.6 mm to 8 mm and semi-automatic welding solid wire up to Ø2.0 mm (for ProMIG-630-400V W MAXwire).

In addition to the reinforced wire feeder, these models are equipped with additional connectors for connecting torch liquid cooling hoses and additional power contacts.

MIG/MAG machines, combined with high power and performance, have a small weight and overall dimensions. And thanks to the LCD screens, the machines can be easily and conveniently configured. The LCD screens make it easy and convenient to set up the machine for any task.

OVERVOLTAGE PROTECTION

ADAPTIVE COOLING

IGBT
TECHNOLOGY

3≈ 3x400 50Hz
3 PHASE CHAIN

LONG CABLES COMPATIBILITY

WORK FROM GENERATOR

DOUBLE CASE

ABICOR BINZEL

IP23

TIG

MMA

MIG/MAG

PULSE

INDUCTION FUNCTION

PROMIG-500-400V W MAXWIRE • PROMIG-630-400V W MAXWIRE DC MMA/TIG/MIG/MAG

TECHNICAL SPECIFICATIONS

ПАРАМЕТРИ:	**ProMIG-500 W MAXwire**	**ProMIG-630 W MAXwire**
Rated supply mains voltage 50Hz, V	3x380, 3x400	3x380, 3x400
Rated current consumption from the mains phase, A	30 - 35,5	42 - 49
Rated welding current, A	500	630
Maximum operating current, A	630	800
Duty cycle	70% at 500A / 100% at 420A	70% at 630A / 100% at 520A
Power supply voltage range, V	±15%	
Welding current control range, A	16 - 500	18 - 630
Welding voltage control range, V	12 - 40	12 - 44
Diameter of an electrode, mm	1,6 - 8,0	
Welding wire diameter, mm	0,6 - 1,6	0,6 - 2,0
Diameter of flux-cored welding wire, mm	up to 3	up to 4
Wire feed speed control range, m/min	2,0 - 20	
Hot Start Function	Adjustable	
Arc-Force Function	Adjustable	
Anti-Stick Function	Automatic	
Idle voltage reduction unit	on / off	
Idling voltage, V	12/75	
Arc striking voltage, V	110	
Rated power consumption, kVA	19,9 - 23,6	27,8 - 32,5
Maximum power consumption, kVA	29,0	40,1
Cooling	Adaptive	
Standards	EN IEC 60974-1	
Insulation class	H	
Dimensions, mm (length, width, height)	510 x 180 x 385	510 x 235 x 410
Weight, kg	36,7	38,4
Protection class	IP23	IP23

DELIVERY SET **ProMIG-500/630-400V W MAXwire:**

Fitting for quick-release gas hose connection

Welding cables with ABICOR BINZEL «ground» terminal

PATON branded corrugated box

PROTECTIVE BOX

COMPLETE

PRO SERIES

MIG/MAG

MMA

TIG

IGBT
TECHNOLOGY

HOT START

WORK FROM GENERATOR

PULSE

ADAPTIVE COOLING

ARC-FORCE

OVERVOLTAGE PROTECTION

LONG CABLES COMPATIBILITY

ANTI-STICK

INDUCTION FUNCTION

ABICOR BINZEL

2 years warranty

PATON ProMIG-350/500/630-15-4-400V WK welding kits – are ready-made integrated solutions for industrial MIG/MAG welding.

These kits contain professional equipment and accessories for arranging a high-class mobile welding station:

- welding current source;
- 4-roller wire-feeding unit;
- Cooler-7-400V;
- PATON 360 or Universal cart;
- set of communication cables between welding current source and wire-feeding unit (optional);
- set of welding cables with an ABICOR BINZEL electrode holder and ground terminal (optional);
- ABICOR BINZEL MIG/MAG torch (optional).

PROMIG-350-400V WK • PROMIG-500-400V WK • PROMIG-630-400V WK DC MMA/TIG/MIG/MAG

TECHNICAL SPECIFICATIONS

PARAMETERS:	ProMIG-350-400V WK	ProMIG-500-400V WK	ProMIG-630-400V WK
Rated supply mains voltage 50Hz, V	3 x 400	3 x 400	3 x 400
Rated current consumption from the mains phase, A	16 - 18,5	30 - 35,5	42 - 49
Rated welding current, A	350	500	630
Maximum operating current, A	450	630	800
Duty cycle	70% at 350A 100% at 290A	70% at 500A 100% at 420A	70% at 630A 100% at 520A
Power supply voltage range, V	±15%		
Welding current control range, A	14 - 350	16 - 500	18 - 630
Welding voltage control range, V	12 - 30	12 - 40	12 - 44
Diameter of an electrode, mm	1,6 - 6,0	1,6 - 8,0	
Welding wire diameter, mm	0,6 - 1,4	0,6 - 1,6	0,6 - 2,0
Wire feed speed control range, m/min	1,5 - 16,0	1,5 - 20,0	
Hot Start Function	Adjustable		
Arc-Force Function	Adjustable		
Anti-Stick Function	Automatic		
Idle voltage reduction unit	on / off		
Idling voltage, V	12/75		
Arc striking voltage, V	110		
Rated power consumption, kVA	10,7 - 12,3	19,9 - 23,6	27,8 - 32,5
Maximum power consumption, kVA	15,3	29,0	40,1
Cooling	Adaptive		
Standards	EN IEC 60974-1		
Insulation class	H		
Protection class	IP33	IP23	IP23

DELIVERY SET **ProMIG-500-400V WK/ 630-400V WK:**

PATON wire-feeding mechanism

PATON Cooler-7-400V

PATON branded corrugated box

PATON 360 or Universal cart for ProMIG-350-400V WK

Welding cables with ABICOR BINZEL «ground» terminal

PROTECTIVE BOX

PRO SERIES

MIG/MAG

MMA

TIG

IGBT
TECHNOLOGY

HOT START

WORK FROM GENERATOR

PULSE

ADAPTIVE COOLING

ARC-FORCE

OVERVOLTAGE PROTECTION

LONG CABLES COMPATIBILITY

ANTI-STICK

INDUCTION FUNCTION

ABICOR BINZEL®

2 years warranty

PATON ProMIG-500/630-15-4 WK MAXwire welding kits – are complete solutions for industrial MIG/MAG welding with solid wire up to 2 mm in diameter (for PATON ProMIG-630-15-4 WK MAXwire) or flux-cored wire up to 4 mm in diameter (for PATON ProMIG-630-15-4 WK MAXwire). These kits contain professional equipment and accessories for setting up a high-performance mobile welding station:

- welding power source;
- a welding wire feeder with the ability to connect a liquid cooling system for the torch
torch cooling system, a reinforced feeder and a high-power motor;
- autonomous cooling unit PATON Cooler-7-400V;
- PATON 360 cart;
- a set of communication cables (optional);
- welding cable with ABICOR BINZEL "mass" terminal;
- ABICOR BINZEL semi-automatic torch (optional).

PROMIG-500-400V WK MAXWIRE • PROMIG-630--400V WK MAXWIRE DC MMA/TIG/MIG/MAG

TECHNICAL SPECIFICATIONS

PARAMETERS:	ProMIG-500-400V WK MAXwire	ProMIG-630-400V WK MAXwire
Rated supply mains voltage 50Hz, V	3x380, 3x400	3x380, 3x400
Rated current consumption from the mains phase, A	30 - 35,5	42 - 49
Rated welding current, A	500	630
Maximum operating current, A	630	800
Duty cycle	70% at 500A 100% at 420A	70% at 630A 100% at 520A
Power supply voltage range, V	±15%	
Welding current control range, A	16 - 500	18 - 630
Welding voltage control range, V	12 - 40	12 - 44
Diameter of an electrode, mm	1,6 - 8,0	
Welding wire diameter, mm	0,6 - 1,6	0,6 - 2,0
Diameter of flux-cored welding wire, mm	up to 3	up to 4
Wire feed speed control range, m/min	2,0 - 20,0	
Hot Start Function	Adjustable	
Arc-Force Function	Adjustable	
Anti-Stick Function	Automatic	
Idle voltage reduction unit	on / off	
Idling voltage, V	12/75	
Arc striking voltage, V	110	
Rated power consumption, kVA	19,9 - 23,6	27,8 - 32,5
Maximum power consumption, kVA	29,0	40,1
Cooling	Adaptive	
Standards	EN IEC 60974-1	
Insulation class	H	
Protection class	IP23	

DELIVERY SET **ProMIG-500-400V/630-400V WK MAXwire:**

PATON wire-feeding mechanism

PATON Cooler-7-400V

PATON branded corrugated box

PATON 360 cart

Welding cables with ABICOR BINZEL «ground» terminal

PROTECTIVE BOX

ADDITIONAL EQUIPMENT AND FEATURES FOR MIG/MAG WELDING

MIG/MAG

WIRE INSERTING FUNCTION

WIRE FEEDERS

PATON Feeder 5-2/15-2/15-4 welding wire feeders are designed to operate in conjunction with an external welding power source in MIG/MAG welding mode. In this case, the current source supplies the power welding current, and the feeder unit ensures a stabilized feed of solid or flux-cored wire into the weld pool. The feeder unit has an inverter power supply to power the motor, shielding gas valve, and control circuit. A distinctive feature of PATON feeder units is a powerful, high-quality metal wire feeder with a sealed motor, as well as the presence of a KZ-2 connector of the "EURO" type, which has become a standard in the world and allows the user to connect torches from a wide range of welding accessory manufacturers.

Features and benefits:

- Powerful 2- or 4-roller wire feeder;
- Bracket for installation of wire coils weighing up to 15 kg (for Feeder-15-2 and Feeder-15-4);
- Large LCD display with graphical information (for Feeder-15-2 and Feeder-15-4);
- Encoder for easy parameter setting;
- Universal connector KZ-2 for connecting burners from a wide range of manufacturers.

ABICOR BINZEL

IP 33

FEEDER-5-2 • 15-2 • 15-4 DC MIG/MAG

TECHNICAL SPECIFICATIONS

PARAMETERS:	Feeder-5-2	Feeder-15-2	Feeder-15-4
Rated mains voltage 50 Hz ,V	220/230	220/230	220/230
Rated mains current, A	0,16	0,25	0,38
Power supply voltage range, V		180-260	
Number of pressure rollers	2	2	4
Wire feed speed control range, m/min	1,5-16,0	1,5-16,0	1,5-20,0
Solid welding wire diameter, mm	0,6 - 1,0	0,6 - 1,2	0,6 - 1,6
Wire refueling function		+	
The function of checking the presence of shielding gas		+	
Rated power consumption, VA	35	55	85
Maximum power consumption, VA	50	80	115
Operating temperature range		–25 ... +45°C	
Overall dimensions, LxWxH, mm	315 x 155 x 250	430 x 255 x 350	500 x 255 x 350
Standards		EN IEC 60974-1	
Insulation class		H	
Weight of the coil without accessories	4,45	8,6	8,2
Maximum weight of the wire coil, kg	up to 5	up to 15	
Protection class		IP33	

DELIVERY SET **Feeder-5-2/15-2/15-4:**

PROTECTIVE BOX (for Feeder-15-2 and Feeder-15-4)

Set of rollers for 4 diameters of steel and 2 diameters of aluminum wire (for Feeder - 15-4) and a fitting for quick-release connection of a gas hose

ABICOR BINZEL MIG/MAG torch (for Feeder-5-2 and Feeder-15-2)

PATON branded corrugated box

COMPLETE

ADDITIONAL FEATURES

COMPATIBILITY WITH WELDING ROBOTS

BAC-0001 is an automatic control unit, which allows PATON MIG/MAG welding machines to work with welding robots from a wide range of manufacturers.

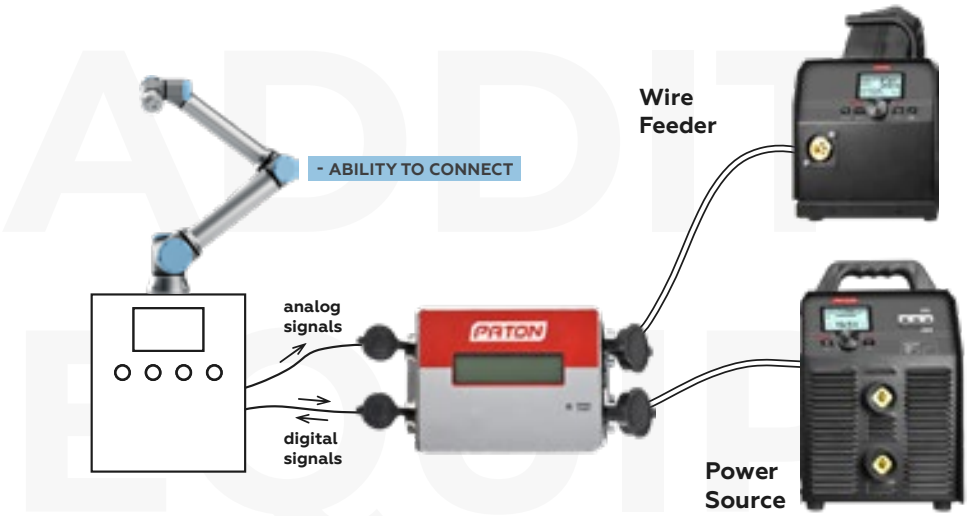
The block is universal and can operate in three modes:

1. Analog mode – the unit transmits reference signals (received in analog form) and a start signal (in digital format) from the robot to the current source and wire feeder, and also digitally transmits the signal of the presence of a welding arc from the current source to the robot.

2. Step-digital mode – comprise in the sequential activation by the robot of programs previously stored in the current source, as well as feedback from the welder to the robot about the presence of a welding arc.

3. Digital mode – the exchange of information between the robot and the welding machine signals in accordance with the developed receiving and transmitting protocols.

PATON MIG/MAG welding machines can be modified according to the client's requirement for integrating into robotic welding stations. And the BAC-0001 control unit can greatly facilitate and speed up this integration work.



COMPATIBILITY WITH PUSH-PULL TORCHES

PATON Feeders and MIG/MAG machines with 4-roller wire feed mechanism by the client's request can be modified to be compatible for operating with torches of PUSH-PULL type.

For example, ABICOR BINZEL PP Plus 36D torch provides a stable supply of soft aluminum wire of small diameters through a long torch sleeve (from 5 meters).

The powerful torch motor that "pulls" the wire is equipped with a potentiometer for fine adjustment of the feeding speed.

ABICOR BINZEL PP PLUS 36D TORCH TECHNICAL SPECIFICATIONS

Cooling	Max. current, A		Duty cycle, %	Wire diameter, mm	Shielding gas flow, l/min
	CO_2	M21			
Air-cooled	290	260	60	0.8 - 1.2	10 - 18

MULTI-MODE WELDING MACHINES

MULTI-MODE WELDING MACHINES — are designed for full-fledged operation in MMA/TIG/MIG/MAG modes and are equipped with the all necessary accessories for this purpose.

MULTIPRO SERIES

PATON INVERTER WELDING MACHINES OF THE MULTIPRO SERIES are multi-mode inverters with a digital control method. Designed for manual arc welding (MMA), argon-arc welding (TIG), and semi-automatic welding (MIG/MAG) in shielding gases and mixtures with rated currents 250A, 270A and 350A correspondingly. The machines have a doublecase design, a powerful wire feeding mechanism, and the most complete delivery set of accessories for three welding modes.

Features and benefits:

- Extensive possibilities of adjustment of welding parameters (more than 30 parameters for 3 modes of welding).
- The availability of the adjustable PULSE function for MIG/MAG, MMA and TIG welding modes.
- In the TIG mode arc ignition is carried out both by contact method TIG-LIFT, and contactless, by means of the built-in oscillator.
- The ability to separate the source from the wire feed mechanism.
- In the complete set of the device there are all accessories necessary for work in all modes of welding.
- Large LCD display with graphical information for easy parameter setting.
- Powerful 4-roller mechanism with a drive for all 4 rollers.
- Convenient MIG/MAG torch connection (KZ-2 EURO type socket).

OVERVOLTAGE PROTECTION

WORK WITH WEAK POWER NETWORKS

ADAPTIVE COOLING

IGBT TEHNOLOGY

LONG CABLES COMPATIBILITY

WORK FROM GENERATOR

PULSE

HF/Lift IGNITION

ABICOR BINZEL®

MIG/MAG TIG MMA

DOUBLE CASE

3 years warranty

MULTIPRO – 250 • 270–400V • 350–400V
DC MMA/TIG/MIG/MAG

TECHNICAL SPECIFICATIONS

PARAMETERS:	MultiPRO-250	MultiPRO-270-400V	MultiPRO-350-400V
Rated power supply voltage, V	230	3 x 400	3x400
Rated current consumption from the mains phase, A	29,6 - 35,1	12,1 - 14,1	16,2 - 18,7
Rated welding current, A	250	270	350
Maximum operating current, A	335	350	450
Duty cycle	60% at 250 A 100% at 193 A	70% at 270 A 100% at 225A	70% at 350A 100% at 290A
Power supply voltage range, V	160 - 260	±15%	±15%
Welding current control range, A	12 - 250	12 - 270	14 - 350
Welding voltage control range, V	12 - 28	12 - 29	12 - 30
Diameter of a stick electrode, mm		1,6 - 6,0	
Diameter of a welding wire, mm	0,6 - 1,2	0,6-1,4	0,6-1,4
Hot Start Function		Adjustable	
Arc-Force Function		Adjustable	
Anti-Stick Function		Automatic	
Idle voltage reduction unit		On/Off	
Idling voltage, V		12/75	
Arc striking voltage, V		110	
Rated power consumption, kVA	6,6 - 7,8	8,0 - 9,4	10,7 - 12,3
Maximum power consumption, kVA	9,5	11,4	15,3
Cooling		Adaptive	
Standards		EN IEC 60974-1	
Insulation class		H	
Overall dimensions, LxWxH, mm	360 x 260 x 270	540 x 360 x 400	540 x 360 x 400
Weight, kg	14,1	16,5	16,9
Protection class	IP33	IP33	IP33

DELIVERY SET **MultiPRO-250/270-400V/350-400V:**

Fitting for quick-release gas hose connection, set of rollers for 4 diameters of steel and 2 diameters of aluminum wire

PATON branded corrugated box

ABICOR BINZEL TIG torch

Welding cables with ABICOR BINZEL electrode holder and «ground» terminal

ABICOR BINZEL MIG/MAG torch

CUT

AIR PLASMA CUTTING (CUT) — is the process of cutting metal with an incandescent jet of plasma, which is formed using an electric arc in a stream of compressed air. This technology allows cutting any metals (ferrous, non-ferrous, refractory alloys, etc.) at a high speed of the process, and as a result, obtaining a high-quality and clean-cut surface.

STANDARD SERIES

OVERVOLTAGE PROTECTION

ADAPTIVE COOLING

IGBT TECHNOLOGY

1~ 50 60 HZ HOUSEHOLD CHAIN

IP23

PATON StandardCUT-40 inverter plasma cutter is designed for cutting metals and alloys up to 12 mm thick with a plasma arc in a stream of compressed air. PATON StandardCUT-40 is suitable for use in private and professional workshops. It is powered by a standard 220V single-phase network. This machine is characterized by affordability, ease of setup and use, reliability and small overall dimensions.

Features and benefits:

- easy to set up;
- protection against peak network overloads;
- single-phase connection;
- increased reliability of the device in dusty production conditions;
- all heated elements have a thermal protection system;
- smooth current control.

ABICOR BINZEL®

STA

SERIES

1 year warranty

STANDARDCUT-40

TECHNICAL SPECIFICATIONS

PARAMETERS:	StandardCUT-40
Rated supply mains voltage 50Hz, V	220/230
Rated current consumption from the mains phase, A	27
Rated cutting current, A	40
Duty cycle	50% at 40A / 100% at 33A
Power supply voltage range, V	190 - 250
Cutting current control range, A	20 - 40
Maximum thickness of metal cut, mm	12
Operating air pressure range, MPa	0,4 - 0,6
Air flow, lpm	not less than 180
Non-contact ignition unit (oscillator)	+
Plasma ignition voltage, V	270-310
Rated power consumption, kVA	4,9
Maximum power consumption, kVA	6,3
Cooling	Forced
Operating temperature range	-25 ... +45°C
Overall dimensions (L x W x H), mm	465 x 193 x 292
Standards	EN IEC 60974-1
Insulation class	H
Weight without plasmatron, kg	10,3
Protection class	IP23

DELIVERY SET **StandardCUT-40:**

Fitting for quick-release gas hose

Welding cable with ABICOR BINZEL «ground» terminal

Plasmatron

PATON branded corrugated box

COMPLETE

STANDARD SERIES

PATON StandardCUT-70-400V inverter plasma cutter is designed for manual cutting of metals and alloys up to 25 mm thick with a plasma arc in a stream of compressed air. The plasma cutter is lightweight and easy to set up thanks to its infinitely variable current control, which allows for precise cutting without metal deformation, both in sheet metal and in curved cutting. It is equipped with a pneumatic system with two valves for soft arc ignition with reduced metal spatter, which significantly increases the life of plasma torch consumables. The torch protection system avoids ignition at insufficient air pressure.

OVERVOLTAGE PROTECTION

ADAPTIVE COOLING

IGBT
TECHNOLOGY

3≈
3x400 50Hz
3- PHASE CHAIN

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

IP23

Features and benefits:

- Peak overloads protection system.
- Three-phase connection that does not require a neutral.
- Convenient operation due to a good duty cycle at a rated current.
- Increased reliability in dusty environments.
- All heated elements have a thermal protection system.
- Infinitely adjustable current control.
- Double-valve pneumatic system.

ABICOR BINZEL®

STA

SERIES

1 year warranty

STANDARDCUT-70-400V DC CUT

TECHNICAL SPECIFICATIONS

PARAMETERS:	**StandardCUT-70-400V**
Rated input voltage of mains 50Hz, V	3x400
Rated input current from mains, A	20
Rated cutting current, A	70
Load duration (LD)	50% at 70A / 100% at 40A
Voltage range, V	360 - 420
Cutting current control range, A	20-70
Recommended thickness of metal cut, mm	20
Maximum thickness of metal cut, mm	25
Operating air pressure range, MPa	0,48 - 0,6
Gas flow, lpm	not less than 180
Non-contact ignition unit (oscillator)	+
Pilot arc	+
Plasma ignition voltage, V	270-310
Rated power consumption, kVA	10,5
Maximum power consumption, kVA	12,6
Efficiency, %	90%
Cooling	Forced
Operating temperature range	-25 ... +45°C
Overall dimensions (L x W x H), mm	560 x 233 x 360
Weight without torch, kg	20,3
Protection class	IP23

DELIVERY SET **StandardCUT-70-400V:**

Fitting for quick-release gas hose

Welding cable with ABICOR BINZEL «ground» terminal

ABICOR BINZEL plasmatron

PATON branded corrugated box

COMPLETE

STANDARD SERIES

PATON StandardCUT-100-400V inverter plasma cutter is intended for the manual cutting of metals and alloys by a plasma arc in an air stream. This device of the Standard series combines high power, ease of use, and small overall dimensions. It is powered by a 400V industrial power supply network, equipped with a plasmatron protection system in case of insufficient air pressure, and a pneumatic system with two valves - for soft ignition of the arc, with reduced metal spatter, and for prolonging the lifespan of plasmatron consumables.

Features and benefits:

- Peak overloads protection system.
- Three-phase connection that does not require a neutral.
- Convenient operation due to a good duty cycle at a rated current.
- Increased reliability in dusty environments.
- All heated elements have a thermal protection system.
- Infinitely adjustable current control.
- Double-valve pneumatic system.

OVERVOLTAGE PROTECTION

ADAPTIVE COOLING

IGBT TECHNOLOGY

3x400 50Hz 3- PHASE CHAIN

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

IP23

ABICOR BINZEL

STA

1 year warranty

SERIES

STANDARDCUT-100-400V DC CUT

TECHNICAL SPECIFICATIONS

PARAMETERS:	StandardCUT-100-400V
Rated supply mains voltage 50Hz, V	3x400
Rated current consumption from the mains phase, A	20
Rated cutting current, A	100
Duty cycle	50% at 100A / 100% at 70A
Power supply voltage range, V	360 - 420
Cutting current control range, A	35 - 100
Maximum thickness of metal cut, mm	35
Operating air pressure range, MPa	0,48 - 0,7
Air flow, lpm	not less than 180
Non-contact ignition unit (oscillator)	+
Pilot arc	+
No-load voltage, V	-
Plasma ignition voltage, V	270 - 310
Rated power consumption, kVA	13,2
Maximum power consumption, kVA	16,5
Efficiency, %	90
Cooling	Forced
Operating temperature range	-25 ... +45°C
Overall dimensions (L x W x H), mm	560 x 225 x 440
Standards	EN IEC 60974-1
Insulation class	H
Weight without plasmatron, kg	25,8
Protection class	IP 23

DELIVERY SET **StandardCUT-100-400V:**

Fitting for quick-release gas hose

Welding cable with ABICOR BINZEL «ground» terminal

ABICOR BINZEL plasmatron

PATON branded corrugated box

COMPLETE

PRO SERIES

PATON ProCUT-40 plasma cutting machine is designed for manual cutting of metals and alloys with a plasma arc in the air stream. This machine of the «Professional» series is powered by 230 single-phase mains, has a big color LCD screen with a multilingual interface, and has an increased duty cycle. A pneumatic ignition system makes it possible to use this machine in the sensitive to electromagnetic vibrations environment.

OVERVOLTAGE PROTECTION

WORK WITH WEAK POWER NETWORKS

ADAPTIVE COOLING

IGBT TECHNOLOGY

1~ 50 60 HZ HOUSEHOLD CHAIN

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

IP23

Features and Benefits:

- Peak overloads protection system.
- High duty cycle at rated current.
- Increased reliability of the machine in the conditions of dusty production.
- Big color LCD screen for easy machine setup.
- Presence of a pilot arc for better ignition of the main arc.
- Pneumatic ignition system.
- The plasmatron protection system that avoids machine work in case of insufficient air pressure.

THERMACUT
THE CUTTING COMPANY

PRO SERIES

1 year warranty

PROCUT-40 DC CUT

TECHNICAL SPECIFICATIONS

PARAMETERS:	ProCUT-40
Rated supply mains voltage 50Hz, V	230
Rated current consumption from the mains phase, A	30
Rated cutting current, A	40
Duty cycle	70% at 40A / 100% at 33A
Power supply voltage range, V	185 – 250
Cutting current control range, A	15 – 40
Maximum thickness of metal cut, mm	12
Operating air pressure range, MPa	0,5 - 0,55
Air flow, l / min	not less than 135
Plasma ignition voltage, V	270
Rated power consumption, kVA	5,2
Maximum power consumption, kVA	6,6
Efficiency,%	90
Cooling	Adaptive
Overall dimensions, LxWxH, mm	470 x 200 x 320
Standards	EN IEC 60974-1
Insulation class	H
Weight, kg	11,3
Protection class	IP 23

DELIVERY SET **ProCUT-40:**

Fitting for quick-release gas hose

Welding cable with ABICOR BINZEL «ground» terminal

FHT-EX45TTH TCS13, 5м plasmatron

PATON branded corrugated box

COMPLETE

COOLERS

PATON Cooler-7-400V/7S-400V/Cooler-8S are meant for providing cooling and circulation of the coolant in a closed system, during the work with welding machines. The main function of these devices is torch cooling during the welding on a high current – over 140A for TIG welding and over 300A for MIG/MAG welding, and also during the plasma-cutting works. The cooler usage during those works is very useful for protecting torches from overheating and for extending their working lifespan. Also, in particular cases, using coolers is the only way to meet the accident prevention requirements during the welding works.

Advantages

- High power capacity – stable fluid supply up to 10 meters high.
- High unit capacity – the speed of fluid supply up to 6,5 l/min.
- Quick-break connectors for convenient torch connection.
- Built-in protection for preventing engine overload.
- Built-in flow transducer for cooling system monitoring and preventing torch overheating.

IP21

SERIES

1 year warranty

COOLER-7-400V • 7S-400V • COOLER-8S

TECHNICAL SPECIFICATIONS

ПАРАМЕТРИ:	Cooler-8S	Cooler-7S-400V	Cooler-7-400V
Rated voltage of mains 50Hz, V	220	3x380/3x400	3x380/3x400
The range of voltage changes in mains supply, V	±15%	±15%	±15%
Power, W	270	160	160
Cooling power, kW, at 1L/min	1	1	1
Load duration, %	100	100	100
Rated current consumption, A	1,23	0,35	0,35
Coolant tank volume, L	8	7	7
Maximum feed, L/min	6,5	6,5	6,5
Coolant	BTC-50	BTC-50	BTC-50
The presence of a fluid flow sensor	+	+	-
Protection class	IP21	IP21	IP21
Overall dimensions (LxWxH), mm	522x267x382	522x267x382	522x267x382
Standards	EN IEC 60974-1		
Insulation class	H		
Weight, kg	16	17	17

DELIVERY SET
COOLER-7-400V/7S-400V/COOLER-8S:

Quick-release nipple , control jumper (for Cooler-8S)

PATON branded corrugated box

COMPLETE

WELDING ELECTRODES

PATON welding electrodes have been developed together with the specialists of the Electric Welding Institute named after E.O. PATON in accordance with the requirements of both Ukrainian and international standards, and are certified for sale in Ukraine as well as in the markets of Europe and Asia.

ELECTRODES FOR WELDING OF STRUCTURES MADE OF LOW-CARBON TYPES OF STEEL

E6013 ANO-36 ELITE

Ø 2|2,5|3|3,2|4|5 kg 1|2,5|5

Rutile cellulose-coated electrodes are designed for welding mild steels in all spatial positions. They can also be used for welding structures including galvanized steel surfaces (for maintenance and repair purposes). They are characterized by stable arc ignition, easy initial and repeated ignition, minimum spatter, uniform weld metal bead with a smooth transition to a base metal, and easy slag removal. Distinctive features of ANO-36 ELITE electrodes are their low sensitivity to surface preparation (rust, paint residues, and other impurities) and ease of handling which makes them convenient for both professionals and inexperienced welders.

E6013 ELITE ANO-21

Ø 2|2,5|3|4 kg 1|2,5|5

Rutile-coated electrodes which are designed for welding structures made of carbon steel grades left in accordance with DSTU 2651/GOST 380 (St 0, St 1, St 2, St 3) in all degrees of deoxidation – «CP», «PS», «SP», and GOST 1050. They can be used for welding of water pipes and low pressure gas pipelines and also for welding of root seams for thicker products. Can be used in all spatial positions except vertical from top to bottom for (4-5 mm electrodes). Can weld over an oxidised surface.

ELECTRODES FOR WELDING OF STRUCTURES MADE OF CARBON AND LOW-ALLOY TYPES OF STEEL

7018 ELITE

Ø 2,5|3|3,2|4|5 kg 5

The electrodes are designed for welding of critical structures made of low-carbon and low-alloy steels with increased yield strength, when the weld metal is subject to higher ductility and impact toughness requirements, especially at low temperatures. Can be used in bridge construction, shipbuilding and ship repair, as well as in the manufacture of pressure vessels.

Due to the presence of iron powder in the electrode cladding, metal losses on burnout and spatter are compensated, electrode consumption is reduced, cladding capacity is increased and welding performance is increased.

7015 UONI 13/55 CLASSIC

Ø 3|4|5 kg 2,5|

The electrodes are produced according to the classical formulation, have a basic coating and are used for welding critical structures of low-carbon and low-alloy steels when higher ductility and toughness requirements are placed on the weld metal, in particular when working at low temperatures, and for welding turning and nonrotating joints of main pipelines. Can be used for root passes in pipe welding.

FOR WELDING HIGH-ALLOY STEELS

Ø 3|4 kg 1

Electrodes are used for the preparation of austenitic corrosion-resistant steels of the type 12X18H10T, 12X18H9T, 08X18H12T, 08X18H12Б, AISI 321, AISI 304, AISI 347 and other in aggressive environments at temperatures up to 450°C.

Stagnate for the development of capacities, vessels, cleaning under a grip, pipelines, parts of the possession of food and naphtha-chemical industries, in an energetic machine.

Electrodes are characterized by a high corrosion resistance to oxidic middle levels, such as nitric acid, a high strength to microcrystalline corrosion, easy slag formation, uniformly formed by the jets that are bright.

FOR CAST IRON

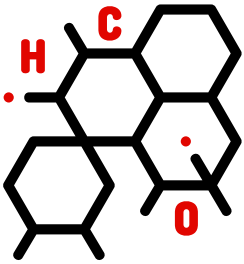
Ø 3|4 kg 1

The electrodes are designed for cold-welding, repair surfacing and welding cast defects in parts and structures made of ductile cast iron and grey cast iron with lamellar graphite as well as their joints with steel. They can also be used for the first one or two preliminary surfacing layers on worn cast iron parts for subsequent surfacing with special electrodes.

FOR SURFACE

Δ 4|5 kg 5

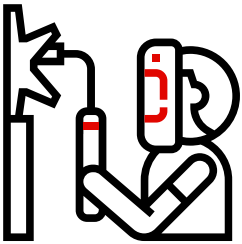
PATON T-590 special welding electrodes are designed for surfacing of parts which work under abrasive wear conditions with minimum impact loads. They are most often used to repair and restore parts in construction and agricultural machinery as well as production lines.



The latest recipe for a comfortable welding process

Increased safety for the health of the welder

High productivity and environmental friendliness



Wide range of interaction with metals

WELDING WIRE

ER70S-6 welding wire is designed for automatic and semi-automatic gas-shielded welding of carbon and low-carbon steels of wide application. They are used for welding works in mechanical engineering, shipbuilding and construction. The copper coating used significantly improves conductivity by reducing the contact resistance. This, in turn, it helps to provide the uniformity of the arc and improve the quality of the weld.

	Brand Chemical composition, %						
Wire	**Mn**	**C**	**Si**	**Cr**	**Ni**	**S**	**P**
ER70S-6	1,80-2,10	0,05-0,11	0,70-0,95	≤ 0,2	≤ 0,25	≤ 0,025	≤ 0,03

Advantages:

1. Tight wire winding (uniform feed speed).
2. Dense in-line winding uniform speed. Coil with adapter (suitable for most welding machines).
3. High-quality Ukrainian raw materials (high quality of the obtained seam).
4. Robust packaging (ensures preservation of the copper coating).
5. Minimum amount of impurities harmful to the weld.

CHARACTERISTICS:

Copper coating thickness, microns	≥ 0,10
Total copper content,%	≤ 0,35
Tensile strength	882-1323 Mpa | 90-135 kg / mm2
Coil diameter, mm	200, 270
Weight, kg	5, 15

Coating type - copper-plated
ISO 14341: G4Si1
AWS A5.18: ER70-S6
GOST 2246: Sv-08G2S

Ø 0,8|1,0|1,2|1,6 15 kg

Ø 0,8|1,0|1,2 5 kg

ACCESSORIES

UNIVERSAL PLASTIC CASE

PROTECTIVE BOX

WELDING CABLES WITH ELECTRODE HOLDER AND “GROUND” TERMINAL

WELDING CURRENT CONTROL PEDAL

WELDING CABLE WITH ELECTRODE HOLDER

WELDING TORCHES

TROLLEYS

UDEM

CERTIFICATE

ELECTROMAGNETIC COMPATIBILITY AND LOW VOLTAGE DIRECTIVES

Technical file of the company mentioned below has been inspected and audit has been completed successfully.
2014/30/EU Electromagnetic Compatibility
and 2014/35/EU Low Voltage Directives has been taken as referances for these processes.

Company Name	: **"Paton International" LLC**
Company Address	: 03045, Ukraine, Kyiv, Novopyrohivska Str., 66
Related Directives and Annex	: **2014/35/EU Low Voltage Directive** **2014/30/EU Electromagnetic Compatibility Directive**
Related Standards	: **EN 60204-1:2018, EN IEC 60974-1:2018, EN IEC 60974-1:2018/A1:2019, EN 60974-10:2014, EN 60974-10:2014/A1:2015**
Product Name	: **Welding Machines**
Product Brand/Model/Type	: Air-plasma cutting machines: StandardCUT-70-400V, StandardCUT-100-400V, ProCUT-40, Semiautomatic inverters: EuroMIG, StandardMIG-160, StandardMIG-200, StandardMIG-250, StandardMIG-270-400V, StandardMIG-350-400V, ProMIG-160-15-2, ProMIG-200-15-2, ProMIG-250-15-2, ProMIG-250-15-4, ProMIG-270-15-2-400V, ProMIG-270-15-4-400V, ProMIG-350-15-4-400V, ProMIG-500-15-4-400V, ProMIG-630-15-4-400V, ProMIG-800-15-4-400V, ProMIG-350-15-4-400V W, ProMIG-500-15-4-400V W, ProMIG-630-15-4-400V W, ProMIG-800-15-4-400V W, ProMIG-350-15-4-400V WK, ProMIG-500-15-4-400V WK, ProMIG-630-15-4-400V WK, ProMIG-800-15-4-400V WK; Multifunctional inverters: MultiPRO-250-15-4, MultiPRO-270-15-4-400V; MultiPRO-350-15-4-400V; Wire feeders: Feeder-15-2, Feeder-15-4; Cooling Units: Cooler-7; Cooler-8S; Inverter rectifiers: MINI, MINI-C, MINI R-4, ECO-160, ECO-160-C, ECO-200, ECO-200-C, ECO-250, ECO-250-C, ECO-270-400V, ECO-315-400V, ECO-350-400V, Standard-350-400V, PRO-160, PRO-200, PRO-250, PRO-270-400V, PRO-350-400V, PRO-500-400V, PRO-630-400V, PRO-800-400V, PRO-1000-400V; Argon-arc inverters: StandardTIG-160, StandardTIG-200, StandardTIG-250, StandardTIG-270-400V, StandardTIG-350-400V, ProTIG-250, ProTIG-200 AC/DC, ProTIG-315-400V AC/DC, ProTIG-315-400V AC/DC WK, ProTIG-400-400V AC/DC, ProTIG-500-400V AC/DC.
Certificate Number	: **M.2017.103.8826**
Initial Assessment Date	: 05.09.2017
Registration Date	: 12.09.2017
Reissue Date/No	: 23.08.2022
Expiry Date	: **11.09.2027**

UDEM International Certification Auditing Training Centre Industry and Trade Inc. Co.

The validity of the certificate can be checked through www.udem.com.tr. The CE mark shown on the right can only be used under the responsibility of the manufacturer with the completion of EC Declaration of Conformity for all the relevant Directives. This certificate remains the property of UDEM International Certification Auditing Training Centre Industry and Trade Inc. Co. to whom it must be returned upon request. The above named firm must keep a copy of this certificate for 15 years from the registration of certificate. This certificate only covers the product(s) stated above and UDEM must be noticed in case of any changes on the product(s)

Address: Mutlukent Mahallesi 2073 Sokak (Eski 93 Sokak) No:10 Çankaya – Ankara – TURKEY
Phone: +90 0312 443 03 90 **Fax:** +90 0312 443 03 76
E-mail: info@udem.com.tr www.udem.com.tr

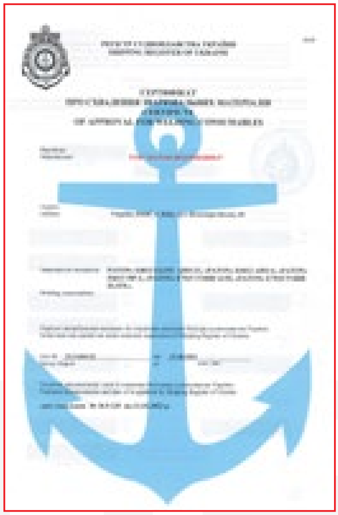
UDEM

Dedal

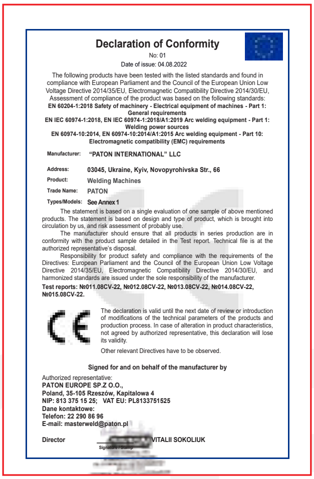
CERTIFICATE

of Conformity of the Factory Production Control

1922 - CPR - 1848



CERTIFICATES



Declaration of Conformity

No: 01
Date of issue: 04.08.2022

The following products have been tested with the listed standards and found in compliance with European Parliament and the Council of the European Union Low Voltage Directive 2014/35/EU, Electromagnetic Compatibility Directive 2014/30/EU, Assessment of compliance of the product was based on the following standards:
EN 60204-1:2018 Safety of machinery - Electrical equipment of machines - Part 1: General requirements
EN IEC 60974-1:2018, EN IEC 60974-1:2018/A1:2019 Arc welding equipment - Part 1: Welding power sources
EN 60974-10:2014, EN 60974-10:2014/A1:2015 Arc welding equipment - Part 10: Electromagnetic compatibility (EMC) requirements

Manufacturer:	"PATON INTERNATIONAL" LLC
Address:	03045, Ukraine, Kyiv, Novopyrohivska Str., 66
Product:	Welding Machines
Trade Name:	PATON
Types/Models:	See Annex 1

The statement is based on a single evaluation of one sample of above mentioned products. The statement is based on design and type of product, which is brought into circulation by us, and risk assessment of probably use.

The manufacturer should ensure that all products in series production are in conformity with the product sample detailed in the Test report. Technical file is at the authorized representative's disposal.

Responsibility for product safety and compliance with the requirements of the Directives: European Parliament and the Council of the European Union Low Voltage Directive 2014/35/EU, Electromagnetic Compatibility Directive 2014/30/EU, and harmonized standards are issued under the sole responsibility of the manufacturer.

Test reports: №011.08CV-22, №012.08CV-22, №013.08CV-22, №014.08CV-22, №015.08CV-22.

The declaration is valid until the next date of review or introduction of modifications of the technical parameters of the products and production process. In case of alteration in product characteristics, not agreed by authorized representative, this declaration will lose its validity.

Other relevant Directives have to be observed.

Signed for and on behalf of the manufacturer by

Authorized representative:
PATON EUROPE SP.Z O.O.,
Poland, 35-105 Rzeszów, Kapitalowa 4
NIP: 813 375 15 25; VAT EU: PL8133751525
Dane kontaktowe:
Telefon: 22 290 86 96
E-mail: masterweld@paton.pl

Director VITALII SOKOLIUK
Signature / Stamp

ABS

TÜV NORD

CERTIFICATE

PATON

CERTIFICATES

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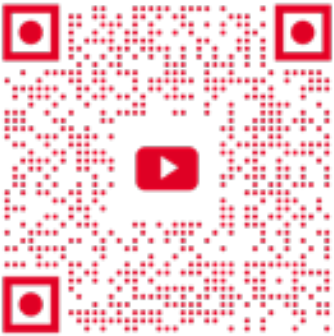

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