

PATON INTERNATIONAL — EVOLUTIONS IN YEARS

The history of welding equipment manufacturing in Ukraine spans nearly a century. For over six decades, this legacy has been intrinsically linked to **PATON INTERNATIONAL**, a company **founded in 1959** at the renowned E.O. Paton Electric Welding Institute. Established to bring cutting-edge welding technologies developed by the Institute to market, PATON INTERNATIONAL has since produced hundreds of thousands of units of welding equipment for industries across virtually every continent. Today, PATON INTERNATIONAL stands as a leading Ukrainian manufacturer of welding equipment and consumables and holds a prominent position in the markets of the CIS region.

PATON's **two production facilities in Kyiv** form the nucleus of its operations. These facilities collaborate closely with the E.O. Paton Electric Welding Institute, one of the world's foremost research centers in the field of welding. The company's in-house R&D laboratories manage every aspect of product development — from mechanical design and enclosure fabrication to the creation of advanced electronic circuits and proprietary software. As a result, PATON currently **manufactures over 60 models** of welding equipment, including:

- ◆ manual arc welding (**MMA**) inverters rated from 150 to 630 A;
- ◆ **MIG/MAG** semi-automatic welding machines from 150 to 630 A;
- ◆ argon arc (**TIG**) inverters from 200 to 350 A;
- ◆ air-plasma cutting machines (**CUT**) from 40 to 100 A;
- ◆ **multifunctional** welding inverters from 250 to 350 A.



PATON equipment integrates components sourced from leading global manufacturers such as **INFINEON, VISHAY, KENDEIL, NXP, TOSHIBA, and TEXAS INSTRUMENTS**. Complemented by high-quality welding accessories produced in Germany and Ukraine, the equipment reflects the company's commitment to excellence. This dedication is backed by extended **warranties of up to 5 years**, demonstrating PATON's confidence in the durability and reliability of its products.

In addition to equipment, PATON INTERNATIONAL **produces a comprehensive range of welding accessories and electrodes**, including the 10 most popular grades that meet international standards such as **AWS 5.1:E6013, E7015, E7018; A5.4:E347-16; 5.15:ESr; and EN 14700: E Z Fe14**. Manufactured using refined formulations and raw materials from top-tier Ukrainian and international suppliers, PATON electrodes are certified by leading international quality bodies and are known for their excellent performance, arc stability, and user-friendly operation.

At the end of 2024, PATON once again reaffirmed its position as a technological leader by launching a **new generation of welding machines**. This release is the result of continuous improvement driven by feedback from professional welders and the evolving needs of modern manufacturing. Rather than being a routine upgrade, the

new generation marks a significant leap forward in welding technology.

At the core of the new series is a completely redesigned hardware architecture that operates **five times faster** than its predecessor. This advancement enables much higher precision and responsiveness in controlling the welding process. User experience has also seen a major boost: a new encoder makes parameter adjustments intuitive, while a large **LCD display with a graphical interface** provides clear, real-time visual feedback during setup and operation.

The feature set has been significantly expanded, with enhancements to existing functions and the introduction of entirely new ones, including **inductance adjustment, Smart Stop, SPOT mode, PULSE welding**, and more. The interface now updates dynamically in real time, giving welders complete visibility and control throughout the welding process.

Thanks to its engineering innovations, high manufacturing standards, and decades of expertise, PATON's products enjoy strong recognition among welding professionals both in Ukraine and around the world. Expanding its global reach remains a strategic priority for PATON. Today, the **company exports to over 50 countries**, spanning Latin America, Europe, Asia, Africa, and Australia.



One of PATON's top priorities is strengthening its position on the European market — and it's making bold strides forward.

By combining European-level quality, cutting-edge functionality, energy efficiency, and compact design, PATON delivers a powerful alternative to many global brands. And to ensure maximum convenience for European customers, the company has established official branches in Poland (**PATON Europe**) and the United Kingdom (**PATON Welding UK Ltd**). These regional offices oversee logistics, service, and product distribution across the EU and the UK — bringing PATON even closer to its customers.

To make PATON equipment more accessible than ever, the company has gone far beyond the traditional distributor model. PATON INTERNATIONAL has launched over 30 official regional online stores and ensured its presence on nearly all major European and global e-commerce platforms — **Amazon, eBay, Kaufland, CDiscount, OnBuy, Leroy Merlin, Rakuten**, and more. Whether you're a DIY enthusiast or an industrial professional, finding and ordering PATON products is just a few clicks away.

And there's even more good news for European buyers: thanks to partnerships with leading financial platforms like **PayPal, Klarna, Comgate, Santander**, and others, PATON equipment can now be purchased in convenient monthly installments. High-quality welding solutions are now more affordable and accessible than ever.

What truly sets PATON apart is its absolute transparency and confidence in the quality of its products. With one of the longest warranty periods on the market, PATON proudly stands behind every machine it builds. The company is also actively represented on top reputation platforms like **Trustpilot** and **Trustmate**, where real users and customers freely share their experiences, leaving honest and qualified reviews.

PATON INTERNATIONAL is not just a manufacturer — it's a driver of innovation. Constantly investing in research and development, the company is committed to its global mission: to empower welders around the world with accessible, reliable, and high-performance welding solutions.

 Learn more at paton-welding.com/en