

PATON INTERNATIONAL: INNOVATIONS SHAPING THE FUTURE OF WELDING

PATON INTERNATIONAL continues to steadily strengthen its position as one of the leading manufacturers of welding equipment, combining decades of experience with advanced technological solutions. The recent period has been particularly rich in innovations that significantly expand user capabilities and improve the efficiency of welding processes.

Welding and Cleaning in a Single Unit

One of the key innovations is the implementation of the CLEAN mode in PATON Standard-TIG and MultiPRO series machines. This solution enables the integration of two critical processes — welding and cleaning — within a single unit.

Thanks to the new mode, users can quickly clean stainless steel components and their welds from oxides and heat tint without the need for additional equipment. This reduces processing time, simplifies workflow, and enhances overall productivity.



New Product: PATON TIGCleaner



An important addition to the product line is the PATON TIGCleaner, a modern solution for the electrochemical cleaning and polishing of stainless steel products. The device has been developed with the requirements of professional manufacturing in mind, where not only joint strength but also appearance and durability are essential.

The PATON TIGCleaner ensures fast and efficient removal of oxides and heat tint formed after welding, restoring the aesthetic appearance of the surface and improving its corrosion resistance. Unlike mechanical methods, electrochemical cleaning does not damage the metal structure or affect its properties.

The unit operates in two modes: CLEANING — for removing oxides and thermal discoloration from welds, and POLISHING — for polishing stainless steel surfaces.

Key advantages include compactness and portability (weighing only 3.9 kg), ease of use, and the ability to achieve professional results without abrasive treatment.

Due to its combination of efficiency and convenience, the PATON TIGCleaner is an optimal solution for enterprises with high requirements for weld quality and product appearance.

Synergic Control: A New Level of Convenience

Another significant development is the introduction of the synergic control function for the PULSE mode in semi-automatic MIG/MAG welding across a large portion of PATON welding equipment. This solution greatly simplifies the setup of the welding process and enhances its stability.

The user only needs to set basic parameters — material type, welding wire diameter, and voltage adjustment — after which the system automatically selects the optimal operating modes. As a result, stable arc burning is ensured, metal spatter is minimized, and a uniform, high-quality weld bead is formed.

This technology is particularly effective when welding thin-sheet materials, stainless steel, and non-ferrous alloys, where precise control of heat input is critical. The combination of pulsed operation and synergic control opens up new opportunities for both professional welders and industrial enterprises.



Global Expansion

In addition to technological innovations, PATON INTERNATIONAL is actively expanding its geographical presence. The company has successfully broadened its international dealer network by entering the markets of Bangladesh and the Republic of South Africa.

To strengthen the competitive position of its products in Sub-Saharan African markets, the PATON team organized a comprehensive set of activities for representatives of importing companies and local dealers. These included a series of



training seminars and workshops, where participants had the opportunity to gain both theoretical knowledge about the extensive product range and practical skills in operating and servicing PATON welding equipment.

In addition to expanding its international dealer network, PATON INTERNATIONAL is actively developing exports through localized online channels in an increasing number of countries. Recently, local websites have been launched in the United States, Canada, India, Argentina, Brazil, Chile, Peru, Mexico, Colombia, New Zealand, and Australia.

The expansion of international presence is accompanied by the development of a partner network, enhancement of service support, and adaptation of products to meet the requirements of local markets. This approach ensures a high level of customer service and meets the expectations of professional users across different countries.

Such a strategic approach confirms the growing demand for Ukrainian welding equipment and the high level of trust in the PATON brand among international partners, strengthening the company's position as a global player in the welding industry.

More Than Equipment: The PATON Philosophy

PATON INTERNATIONAL demonstrates consistent and systematic growth by combining innovation, practicality, and a strong user-oriented approach. The expansion of equipment functionality and entry into new markets further reinforce the company's status as a modern technological leader in the field of welding.

Today, PATON represents more than just equipment — it delivers comprehensive solutions that enhance production efficiency and create new opportunities for professionals worldwide.

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