

PackworldUSA Highlights Advanced PW5500 Series Heat Sealer
“C” frame touch screen pass-through heat sealer for advanced packaging needs

[PackworldUSA](#), a leading manufacturer of precision heat sealing equipment, highlights the PW5500 Series, engineered with a robust open “C” frame pass-through design to deliver superior performance and flexibility for packaging environments. Recommended for clean room and production floor use, the PW5500 Series is designed for full width bag, pouch, or web heat sealing, making it ideal for medical, life sciences, and R&D applications. Current available models include the PW5536, PW5548, PW5560, and PW5572, with seal lengths ranging from 36 to 72 inches and seal widths from 2 to 12 mm.

The era of overly complicated machinery is over. The 5500 Series is equipped with an intuitive touchscreen control panel that provides users with complete operational control. Real-time displays of critical parameters ensure that the sealing process remains consistently precise, while password protection safeguards validated settings to maintain security and reliability.

The 5500 Series is designed to meet the needs of diverse applications, from delicate medical supplies to bulky industrial products. With an optional vacuum/purge system, the equipment enables customizable cycles that provide the flexibility to create the perfect seal for any product. An additional optional automatic knife trimming feature is also available, helping to reduce packaging bulk where required.

At the core of the 5500 Series is the TOSS® PIREG® Variable Resistance Control. This advanced technology eliminates the need for thermocouples, achieving precise sealing temperatures in milliseconds. Available in single or dual band configurations, it's ready to tackle even the most challenging sealing applications.

The 5500 Series excels in industries where regulatory compliance is imperative. It is fully validatable, ISO 11607 compliant, and equipped with test ports for verifying critical process parameters. The exclusive AUTOCAL function simplifies temperature calibration, ensuring that seals meet the highest standards every time.

With features like recipe storage, a resettable seal counter, and real-time graphical displays, the 5500 Series is designed to maximize efficiency and minimize downtime. The emergency stop button and integrated safety gate adds extra layers of safety, giving operators peace of mind.

PackworldUSA stands behind its products with a 30-month warranty on all parts (excluding consumables). Each machine is built to exacting standards, meeting the rigorous demands of packaging professionals across industries.

For more information about the PW5500 Series, visit [PackworldUSA’s website](#).

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About PackworldUSA

PackworldUSA is proudly celebrating its 30th anniversary as a premier manufacturer of validatable heat sealing equipment specializing in medical and pharmaceutical packaging solutions. With three decades of precision and innovation, PackworldUSA machines are trusted across various industries, including biotech, life sciences, and R&D labs. PackworldUSA is distinguished by its proprietary TOSS Technology, known in the industry as “The Optimum Sealing System,” which enhances the performance and reliability of heat sealing equipment. For more information, visit <https://www.packworldusa.com/> or contact support@packworldusa.com. Connect with us on [LinkedIn](#), [X](#), and [Facebook](#).