# Innovative servo-driven machinery defines WALTEC industry leadership

**Across the global glass industry, WALTEC continues to demonstrate how engineering expertise and adaptable machinery can enhance production efficiency. The company's S-Series integrates precision control, flexible forming capabilities and data-driven optimisation – supporting manufacturers in meeting evolving industrial demands while maintaining consistent quality and operational reliability.**

With a legacy spanning more than 125 years, WALTEC has established itself as a key partner in the global glass industry. Recognised as a primary reference point for radial glass production machinery, the company combines long-standing engineering expertise with ongoing technological development. Its systems support the production of a wide spectrum of glass products, from tableware and cookware to specialised technical components such as insulators, washing machine cover glass, and glass blocks. Across these applications, a consistent focus on process control, efficiency, and product quality underscores its industrial approach, alongside a clear commitment to sustainability and cost efficiency.

## PERFORMANCE IN MOTION

At the core of the S-Series is a gravity-based spinning machine designed for high-output flexibility. Available in configurations with 1, 9, 18 and 24 stations, the system can reach production speeds of up to 100 pieces per minute. When combined with the linear ESERVO feeder, it enables the simultaneous production of up to three different articles, each with individually configurable process sequences. Servo-driven acceleration and variable speed profiles ensure stability throughout operation, allowing manufacturers to efficiently handle both large-scale production and smaller batch requirements.

## PRECISION FEEDING SYSTEMS

The ESERVO feeder introduces a high level of adaptability through variable gob weight control. This capability allows manufacturers to produce glass articles of differing weights and designs within the same production cycle. Multiple speed options and consistent gob weight distribution contribute to reliable forming conditions for each product type. This integration of flexibility and precision reflects a broader emphasis on accommodating diverse manufacturing needs without compromising output consistency.

## INTELLIGENT CONTROL AND OPTIMISATION

Energy efficiency and process stability are central to the S-Series design. Servo drives are integrated into every station, enabling precise control of each spinning spindle and vertical funnel movement. Mould temperature management is achieved through a combination of rapid linear motion, adjustable airflow cooling, and optional water-based systems, ensuring stable forming conditions. Operational usability is enhanced through an intuitive control interface, while safety is reinforced by automated stop mechanisms and decentralised control systems positioned away from heat and contaminants. Complementing the machinery, the WTRACK software solution provides data-driven monitoring and analysis, supporting continuous process optimisation and integration with existing IT infrastructures.