

PRESS RELEASE

Syntegon expands Sepion series with new pilot-scale tablet coater

- Syntegon completes its coater portfolio with new Sepion 75
- Flexible batch processing, scalable process conditions, and containment-oriented design combined with closed material handling
- Consistent process principles enable direct parameter transfer from pilot to commercial scale as well as reproducible coating results

Stuttgart (Germany), August 19, 2026. Syntegon, a strategic lifecycle partner to the pharmaceutical and biotech industry has expanded its Oral Solid Dosage (OSD) processing portfolio with the Sepion 75. The new pilot-scale tablet coater designed to support manufacturers and CDMOs in handling growing product diversity, smaller and more variable batch sizes, and stricter containment requirements for highly potent active ingredients. The new coater completes the established Sepion series and supports consistent scale-up, faster flexible batch processing, and containment-oriented manufacturing.

Building on decades of coating expertise, the Sepion series combines established process knowledge with a machine concept tailored to modern pharmaceutical manufacturing requirements. "By extending the Sepion series to the pilot scale, we support pharmaceutical manufacturers in simplifying development and scale-up while maintaining consistent process principles across production stages," says Fritz-Martin Scholz, Global Product Manager at Syntegon.

Flexible batch processing for changing production needs

To support evolving production requirements, the new tablet coater enables flexible batch processing across a wide operating range, covering batch sizes from 10 to 100 percent of the maximum working volume. Two interchangeable drum sizes within a single machine cover batch volumes from 8 to 75 liters, supporting both early development batches and advanced pilot runs without requiring process parameters to be redefined. This enables flexible production planning and reduces downtime during product changeovers.

An optimized drum geometry combined with an advanced spraying system improves process air usage and allows for shorter processing times. The automatically adjustable spray arm maintains the optimal spray position for different filling levels and contributes to reproducible coating conditions across varying batch sizes, making the Sepion 75 suitable for demanding applications such as functional coatings.

Closed material handling for modern containment requirements

In addition, the whole Sepion series features closed material handling during filling, sampling, and discharge. By minimizing manual intervention, the machine concept supports containment-oriented production for highly potent active ingredients. Containment up to OEB5 is an option for all Sepion coaters through split valves,

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safe-change filters, and extended cleaning configurations. This improves operator safety and reduces contamination risks while supporting compliance with current pharmaceutical manufacturing requirements.

Apart from the Sepion 75, the coater series is available in six sizes variants from 175 to 1,000 liters capacity, covering scalable production outputs from development to commercial manufacturing.

Lifecycle support from process development to services

As a strategic lifecycle partner to the pharmaceutical and biotech industry, Syntegon supports customers throughout the entire equipment lifecycle, from process development and scale-up to qualification, modernization, and services. With comprehensive process expertise and a global service network, Syntegon helps customers optimize production performance, maintain reliable operation, and adapt manufacturing processes to changing market and regulatory requirements.

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	The Sepion 75 extends the established Sepion series to the pilot scale and supports efficient development and scale-up.
	The new tablet coater offers a high degree of flexibility, processing batch sizes from 10 to 100 percent of its maximum working volume.

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About Syntegon

Syntegon is a leading global technology company and strategic life cycle partner to the pharmaceutical, biotech, and food industries. With a strategic focus on the growing pharmaceutical and biotech sectors, the company plays a vital role in global healthcare, providing in-depth process expertise and mission-critical technologies for the safe, efficient, and compliant production of essential medicines. In the food sector, Syntegon is recognized for high-speed, high-precision packaging solutions, drawing on unique engineering excellence to help manufacturers improve performance and product quality. Its global service business supports more than 70,000 installed systems with a comprehensive lifecycle offering, ensuring uptime, efficiency, and long-term value. In fiscal year 2025, Syntegon generated 1.75 billion euros in sales. Headquartered in Stuttgart, Germany, the company employs 7,300 people at 49 locations in more than 20 countries. With over 160 years of industry expertise, Syntegon delivers solutions that make a real difference, helping people live better, stay healthier, and trust the products they rely on every day.

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