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Press Release**Coperion at PlastIndia 2026****Technologies for Greater Efficiency in Compounding, Recycling and Polyolefin Manufacturing**

Stuttgart, December 2025 – At PlastIndia 2026 in New Delhi (5-10 February 2026), Coperion will present its technological and process expertise in the manufacture, processing and recycling of plastics. For all three areas of application, Coperion realizes both individual components and entire systems from a single source. The focus of Coperion's solutions always lies in efficient operation and high reliability, increasing product quality, and responsible use of resources.

With Coperion systems, customers have only one point of contact and one supplier – from concept to engineering, commissioning and after-sales services. Every key component combines Coperion's production and process engineering expertise. Together with the brands Herbold Meckesheim and Coperion K-Tron, Coperion will exhibit various representatives of their combined offerings at PlastIndia in Hall 6 at Booth H6-A6.

Highest Efficiency in Compounding and Recycling

Coperion is a pioneer in the development of the closely intermeshing co-rotating twin screw extruder and will exhibit a high-performance ZSK 58 Mc¹⁸ extruder with a 58 mm screw diameter at Booth H6-A6 in Hall 6.

The ZSK 58 Mc¹⁸ twin screw extruder possesses a specific torque of 18 Nm/cm³. It achieves throughputs of up to 2,500 kg/h with concurrent low energy usage. ZSK extruders have proven themselves for many years with their high dispersion performance and gentle product handling

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in plastics compounding and recycling, ensuring very high product quality. The extruder is very robust and reliable, and both the machine's availability and its OEE (Overall Equipment Effectiveness) value are extremely high. Along with the ZSK extruder series, Coperion also offers both the STS and CTE twin screw extruders.

The ZSK 58 Mc¹⁸ will be available to view at the Coperion booth, together with a high-accuracy Coperion K-Tron K2-ML-D5-T35 twin screw feeder. This configuration is equipped with EPC (Electronic Pressure Compensation) and the ActiFlow™ bulk solid activator.

In a bottle-to-bottle recycling plant that Coperion is currently realizing for Indian preform and plastic packaging manufacturer Magpet Polymer Pvt Ltd., Coperion demonstrates clearly how every technology in its portfolio interacts with the others to create added value. This PET recycling line, encompassing Herbold Meckesheim technologies for mechanical processing as well as Coperion extrusion and compounding solutions, is designed for a throughput of 5,500 kg/h. Granulators and a washing line are already in operation; the ZSK twin screw extruder is currently being installed at Magpet.

Expertise in Conveying and Feeding

This year, Coperion is celebrating the 30th anniversary of its subsidiary Coperion Ideal in Noida, India. This location embodies Coperion's philosophy of physically being on location wherever needed. Coperion Ideal specializes in realizing technologies for bulk material handling as well as discharging and feeding additives. Expertise in design, engineering and project management as well as in-house fabrication and service round out the local offering for customers in India.

At PlastIndia, Coperion will display the WZK two-way diverter valve, manufactured at the India location, for conveying granulate and powders. Moreover, a high-pressure ZVH 250 rotary valve for granulate, as well as the FFU universal gate valve in new, compact design will be available to view.

Representative of Coperion's expertise in feeding, a Coperion K-Tron K3-V100 vibratory feeder, offering high gravimetric accuracy especially for feeding demanding materials such as smaller recyclates or flakes into the extrusion process, will be on display as well.

Equipment for the Polyolefin Industry

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Along with compounding and recycling lines, Coperion realizes entire facilities for polyolefin manufacturing that have proven themselves for many years with their reliability in operation. Recent developments have concentrated on decreasing plants' energy consumption, increasing plants' performances, saving on investment costs, and innovative process solutions such as quick color changes from black to natural grade without having to clean the system.

Coperion will demonstrate competence in realizing entire systems at PlastIndia by means of an all-encompassing 3D simulation. Visitors to Booth H6-A6 in Hall 6 will gain detailed insights into how entire facilities function as well as into individual components.

Comprehensive Services for Maximum Plant Availability

Coperion pursues the goal of ensuring its technologies' high performance availability throughout their entire life cycles, reducing downtime risk, and keeping processes' efficiency perpetually high. With a global network of highly specialized process and development engineers who are familiar with local conditions, Coperion services machines and lines in the field with the ability to implement measures on short notice.

About Coperion

Coperion (www.coperion.com) is a global industry and technology leader in compounding and extrusion systems, size reduction, washing, separating, drying, agglomeration, feeding, weighing, material handling and pneumatic conveying systems, as well as milling, mixing, thermal processing, dust collection and other services. Coperion develops, produces, and services plants, machinery, and components for the plastics and plastics recycling, chemical, battery, minerals, food and pharmaceutical industries. Coperion employs more than 5,000 people in its three divisions, Performance Materials, Food, Health & Nutrition, and Aftermarket Sales & Service - at over 50 sales and service locations worldwide. Herbold Meckesheim is a brand of Coperion. Coperion is an Operating Company of Hillenbrand (NYSE: HI), a global industrial company that provides highly-engineered, mission-critical processing equipment and solutions to customers serving a wide variety of industries around the world. www.hillenbrand.com

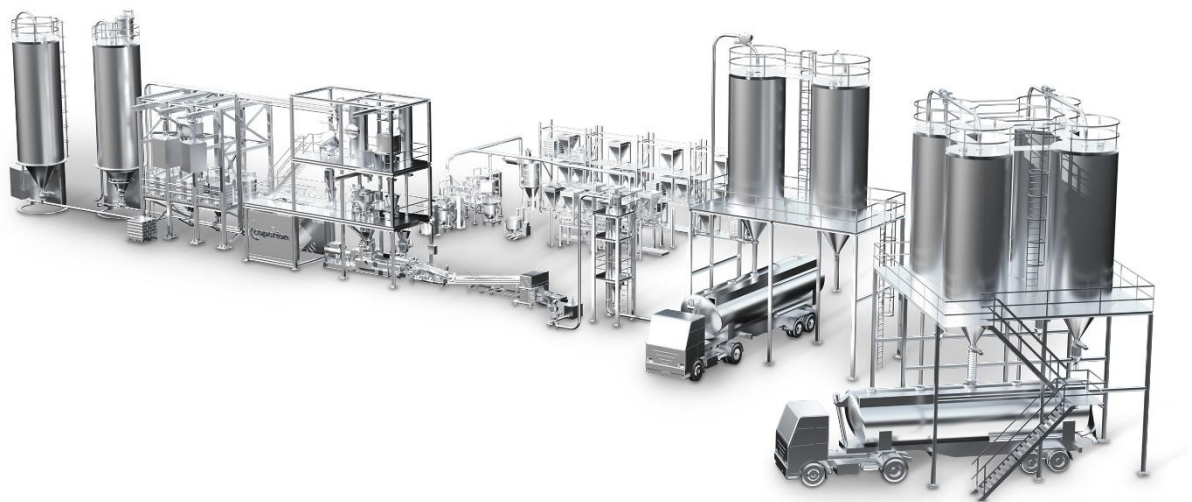


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You can find and download this press release in German and English and print-ready color images at
<https://www.coperion.com/en/news-media/newsroom/>

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At PlastIndia, Coperion will present its entire expertise, as well as various new products and developments, in the fields of mechanical processing, bulk material handling, conveying, feeding, compounding and after-sales services.

Photo: Coperion, Stuttgart Germany

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With its transparent process section, the ZSK Mc¹⁸ at Booth H6-A6 in Hall 6 provides exciting insights into a twin screw extruder's mixing and dispersion behavior.

Photo: Coperion, Stuttgart Germany



The high-accuracy Coperion K-Tron K2-ML-D5-T35 feeder is equipped with EPC (Electronic Pressure Compensation) and ActiFlow™ bulk solid activation – suitable for all feeding applications requiring frequent material changes and easy machine cleanability.

Photo: Coperion, Stuttgart Germany

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The WZK two-way diverter valve is fabricated at Coperion Ideal in India and is ideally adjusted for the demands of the Indian market.

Photo: Coperion, Stuttgart Germany



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Photo: Coperion, Stuttgart Germany