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Press release

Short delivery time, short amortization time

ZSK 43 Mv PLUS twin screw extruder now in best-practice design for producing powder coating

Stuttgart, January 2018 – Coperion is now offering the high-quality, reliable ZSK Mv PLUS twin screw extruder in a best-practice design. The extruder for powder coating production marketed as "ZSK 43 Mv PLUS world proven" comes with 43 mm screw diameter. It consolidates all the experience Coperion has accumulated while realizing more than 800 twin screw extruders for this field of application over the past 40 years.

The process section of the world proven model covers a very broad range of powder coating applications with three different screw configurations available. Typical throughput rates range from 250 kg/h to 600 kg/h for epoxy powder coating, and up to 750 kg/h for white hybrid powder coating or high-gloss products. For matte, highly filled polyester powder coating, the throughput rates are between 300 kg/h and 600 kg/h, for textured powder coating between 200 kg/h and 500 kg/h.

Standardized scope of supply speeds up ROI

The scope of supply is clearly defined. Apart from the process section it contains a volumetric feeding system and the main drive in the form of a water-cooled AC motor, an air-cooled frequency inverter cabinet, a mechanical safety coupling, the reduction gear, distribution gear, manifold, water cooler, the Siemens-based switchboard and the system startup. Additional powder coating screws and process engineering support from Coperion are optionally available.

The largely pre-defined structure of the ZSK 43 Mv PLUS world proven means that there are usually only four months between the receipt of the order, production at the Coperion facility in Stuttgart, and delivery, followed by the startup at the customer's premises. What's more, the same capability of a custom-configured solution is provided at a considerably lower investment

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cost. Due to this fact and the high throughput rates, the return on investment can quickly be achieved. Coperion exclusively uses high-quality, tried-and-tested components – a strategy which results in high process stability with consistently good product characteristics and a long service life for all ZSK twin screw extruders.

Coperion (www.coperion.com) is the global market and technology leader for compounding systems, feed systems, bulk goods systems and services. Coperion develops, produces and services plants, machines, and components for the plastics, chemical, pharmaceutical, food and minerals industries. Coperion employs 2,500 people worldwide in its four divisions Compounding & Extrusion, Equipment & Systems, Materials Handling and Service, as well as in 30 sales and service companies.

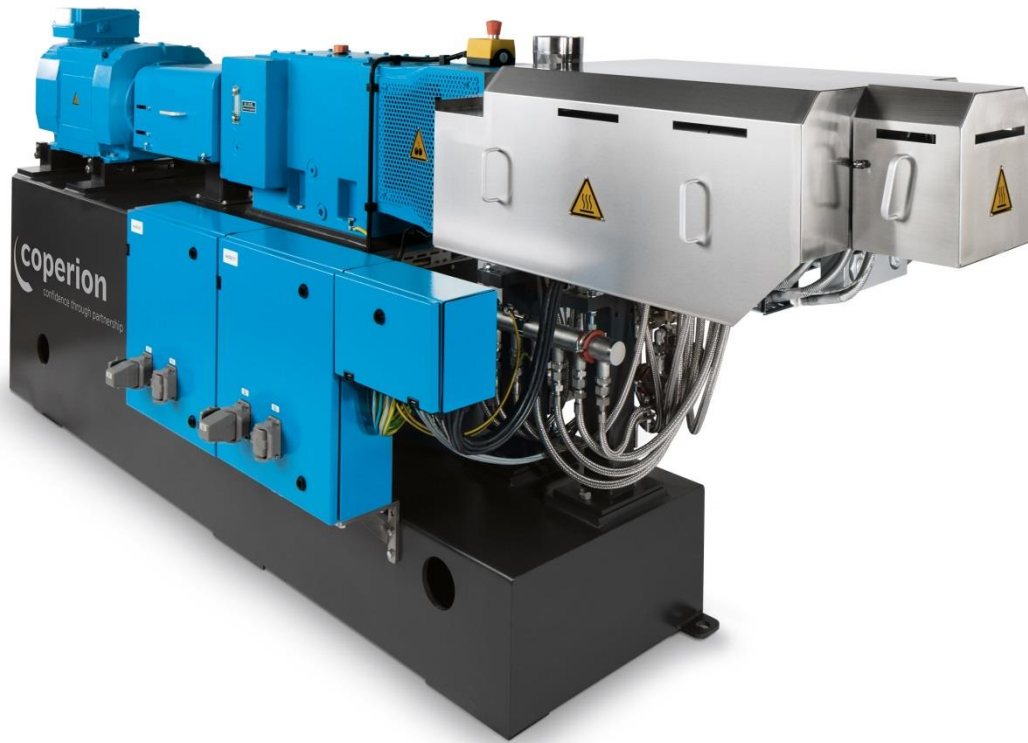


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The ZSK 43 Mv PLUS world proven twin screw extruder is a best-practice design of the Coperion ZSK extruder, and is ideally suited to production of all conventional powder coating formulas.

Image: Coperion, Stuttgart