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Press Release

Coperion & Coperion K-Tron at Plastimagen 2019, Booth no: 2330

Perfect Solutions for Masterbatch Compounding

Sewell, NJ, USA, March 2019 – At this year's Plastimagen show (April 2-5, 2019, Centro Citibanamex, Mexico City) Coperion will present an STS 35 Mc¹¹ twin screw extruder for masterbatch that features a series of improvements for safer working and improved cleaning, such as a new base frame design, reengineered extruder covers and a new die head specifically developed for producing color masterbatch. Also on display will be a Coperion SP 50 pure strand pelletizer and a Coperion K-Tron gravimetric screw feeder, ideally suited to the production of masterbatch to ensure a continuous, uniform infeed.

Coperion Twin Screw Extruder STS Mc¹¹ Ideal for Color Masterbatches

The STS 35 Mc¹¹ twin screw extruder features a specific torque level of 11.3 Nm/cm³, screw speeds of up to 900 rpm, and proven Coperion extruder quality. The full line of STS extruders offers an extremely appealing price/output performance ratio. With color masterbatch processing in mind, Coperion equipped the STS Mc¹¹ twin screw extruder with new features that significantly improve the system's handling and ease of cleaning. The STS Mc¹¹ now includes a new base frame design which allows for integration of the water manifold and wiring connections for better cleanability without sacrificing accessibility.

Coperion Pelletizing Technology Strand Pelletizer SP 50

The strand pelletizer SP 50 pure on display is ideal for longtime operation due to robust functions such as the rugged housing for sturdy cutting gap and high cutting quality over the

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whole working width. The cantilevered bearing design offers easy access and quick cleaning. The vibration insulation and many other useful options such as pellet length regulation, driven upper feed roll, cutting head cooling or transfer signal to the extruder control, which are available for the different pelletizers of Coperion Pelletizing Technology, ensure gentle product handling and best pellet quality.

Coperion K-Tron Twin Screw Compact Feeder Optimal Solution for Feeding Difficult Materials

The Coperion K-Tron KT20 twin screw feeder with interchangeable feeding tools is mounted on a 24 kg fully enclosed platform scale for high accuracy feeding of difficult flowing ingredients. All feeder parts in contact with the material being fed are stainless steel, and feeding equipment is easy to disassemble. A horizontal agitator gently moves the bulk material to the large throat and then into the screws. Twin screw feeders are ideal for floodable powders and more difficult, sticky or poorly flowing materials, as well as fibers or flakes. Specialty designs are available for clustering of feeders above extruders, blenders and other processes for optimal accessibility and ease of cleaning.

For additional information on Coperion & Coperion K-Tron products and services visit:

www.coperion.com

Also representing Coperion K-Tron feeding and conveying pneumatic conveying equipment and systems will be Dinamica de Sólidos, S.A. de C.V. Booth no. 2630

Word count: 446

Coperion is the international market and technology leader in compounding and extrusion systems, feeding and weighing technology, bulk materials handling systems and services. Coperion designs, develops, manufactures and maintains systems, machines and components for the plastics, chemicals, pharmaceutical, food and minerals industries. Within its four divisions – Compounding & Extrusion, Equipment & Systems, Materials Handling and Service – Coperion has 2,500 employees and nearly 30 sales and service companies worldwide. Coperion K-Tron is part of the Equipment & Systems division of Coperion. For more information visit www.coperion.com or email info@coperion.com.



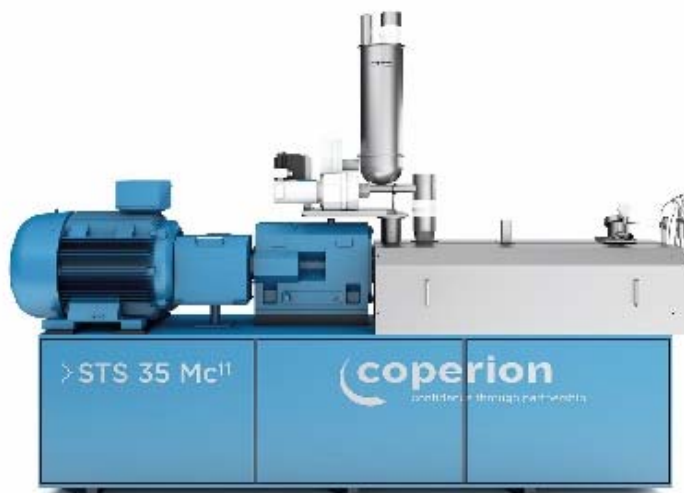
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Dear colleagues,

You can download this press release in English and Spanish and the color photos in printable quality from the Internet at <https://www.coperion.com/en/news-media/newsroom/>

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Coperion has equipped the STS Mc¹¹ twin screw extruder for masterbatch with new features that significantly improve the system's handling and ease of cleaning.

Image: Coperion, Stuttgart, Germany

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Coperion designs pelletizing systems to exactly meet the requirements of compounding and extrusion lines.

Image: Coperion, Stuttgart, Germany



Coperion K-Tron's feeder can be used for both loss-in-weight feeding to continuous processes and loss-in-weight batching direct to batch blenders.

Image: Coperion K-Tron, Sewell, NJ