

**Contact**

Kathy Taylor  
Marketing Communications/  
Trade Show Coordinator  
Coperion K-Tron Pitman, Inc.  
590 Woodbury Glassboro Rd.  
Sewell, NJ 08080 USA

Phone (856) 256-3065  
ktaylor@coperionktron.com  
www.coperion.com

**Press release**

**Coperion and Coperion K-Tron to exhibit at Plastimagen 2017**

**Twin screw extruder STS 35 Mc<sup>11</sup> with high accuracy feeder and strand pelletizer**

*Sewell, NJ, USA, October 2017* – At this year's Plastimagen 2017 (November 7-10, Centro Citibanamex, Mexico City, Booth #2330, USA Pavilion, Hall B) Coperion GmbH, Stuttgart, Germany, is presenting a representative of its first-class twin screw extruder series STS Mc<sup>11</sup> with a screw diameter of 35 mm. The STS 35 Mc<sup>11</sup> compounder is equipped with a high accuracy Coperion K-Tron feeder K2-ML-D5-S60 and a Coperion Pelletizing Technology strand pelletizer SP 100.

**STS Mc<sup>11</sup> Twin Screw Extruder Series for Most Standard Applications**

Coperion's STS Mc<sup>11</sup> extruder series has a specific torque of 11.3 Nm/cm<sup>3</sup>. It features up to 27% higher throughput rates than the preceding model, while the higher degree of screw fill results in a decrease of melt temperature, thus improving compound quality. It incorporates the full process and quality know-how of Coperion.

The STS Mc<sup>11</sup> series is exclusively equipped with European, Coperion branded gearboxes. Maximum screw speed has been increased from 800 to 900 rpm. To improve cleaning and facilitate quick changeovers for masterbatch applications, the STS twin screw extruder also features new hoppers with inserts and a redesigned die head. The screw shaft coupling is similar to the one long proven in Coperion's ZSK Mc<sup>18</sup> extruder series. The new, optimized base frame withstands torsion under maximum stress.

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The STS Mc<sup>11</sup> compounder covers most standard applications in process technology. It offers high productivity at an attractive price-performance ratio. Production of the STS Mc<sup>11</sup> is in Nanjing, China, in compliance with CE directives. It is a high-performance compounding system with low investment costs which ensures a fast return on investment. The modular design of the process section allows maximum flexibility in production at process lengths of 24 to 68 D.

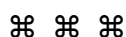
### **Single Screw Feeder with Interchangeable Feeding Tool**

Coperion K-Tron's K2-ML-D5-S60 modular loss-in-weight feeder is designed for gravimetric feeding of free flowing powders, granules and other bulk materials. The weigh bridge is stainless steel and the scale housing is completely enclosed. All parts in contact with the material being fed are stainless steel. Feeding equipment is easy to disassemble. The horizontal agitator gently moves the bulk material to the large throat and then into the screw. This equipment conforms to DCE standards regarding EMC and safety.

### **Coperion Pelletizing Technology Strand Pelletizer SP 100**

Coperion has longtime experiences and extensive know-how in the production of pelletizers. The strand pelletizer SP100 shown at Plastimagen is in use for the processing of the melted polymer to cylindrical, dry and easy to handle plastics pellets. Beside the strand pelletizer itself Coperion supplies the whole product range for strand pelletizing – from cooling, to dewatering, pelletizing and screening. Coperion Pelletizing Technology strand pelletizers cover throughput ranges from 2 kg/h to 6,300 kg/h.

Coperion ([www.coperion.com](http://www.coperion.com)) 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. For more information visit [www.coperion.com](http://www.coperion.com) or email [info@coperion.com](mailto:info@coperion.com).

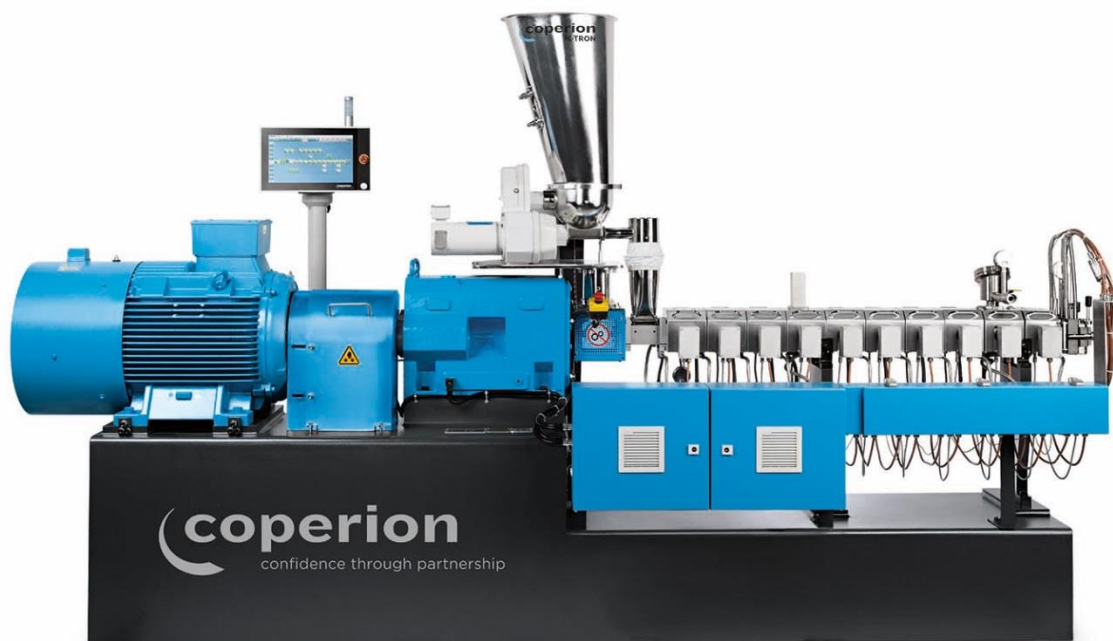


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Dear Colleagues,  
an MS-WORD file of this press release in English and  
a printable-grade copy of the enclosed image are available for download at  
<https://www.coperion.com/en/news-media/newsroom/>

Editorial contact and voucher copies:

Dr. Jörg Wolters, KONSENS Public Relations GmbH & Co. KG,  
Hans-Kudlich-Straße 25, D-64823 Groß-Umstadt  
Phone: +49 (0)60 78/93 63-0, Fax: +49 (0)60 78/93 63-20  
E-Mail: mail@konsens.de, Internet: [www.konsens.de](http://www.konsens.de)



*Coperion's twin screw extruder STS Mc<sup>11</sup> has a specific torque of 11.3 Nm/cm<sup>3</sup> and features up to 27% higher throughput rates than the preceding model.*

*Image: Coperion Stuttgart*

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*K2-ML-D5-S60 modular loss-in-weight feeder is designed for gravimetric feeding of free flowing powders, granules and other bulk materials*

*Image: Coperion K-Tron, Switzerland*