



**Colormax Systems**

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## Press Release

### Colormax Systems at Chinaplas 2022

## High-Accuracy and Reliable Feeding Solutions

*Shanghai, March 2022* – At this year's Chinaplas (April 25-28, 2022, Shanghai, China) Colormax Systems, a brand of Coperion, Stuttgart/Germany, is presenting feeding solutions for plastics processing and recycling at the Coperion Booth G91 in Hall 2.1 in the German Pavilion. The high-accuracy loss-in-weight twin screw feeder C/S-LW-NT28 as well as the vibratory feeder C/S-LW-V50 will be on display. Both feeders are ideal for reliable feeding at a consistent performance.

### Loss-in-Weight Feeders for High Product Quality Applications

At Chinaplas, Colormax Systems is exhibiting a C/S-LW-NT28 twin screw loss-in-weight feeder mounted on top of a Coperion STS 75 Mc<sup>11</sup> twin screw extruder as well as a C/S-LW-V50 loss-in-weight vibratory feeder. Loss-in-weight feeders are ideal for applications where the bulk density of the material being fed is not consistent, or when precise feed accuracy is critical to the quality of the end product. These feeders are often required for continuous processes, such as extrusion, where precise ratios of multiple ingredients must be controlled. Vibratory loss-in-weight feeders are a great choice for free-flowing and irregularly shaped materials, while twin screw loss-in-weight feeders are an ideal solution for more difficult to handle bulk materials.

The NT28 twin screw loss-in-weight feeder is designed to provide high value, reliable and accurate gravimetric feeding for a wide variety of materials including hard to handle bulk solids



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such as poor flowing powders. Feed rates range from 15 to 600 dm<sup>3</sup>/h, depending on feeder capacity and material characteristics. The vibratory loss-in-weight feeder V50 is ideally suited for feeding a variety of materials including pellets, granules, fiberglass. Feed rates are possible from 5-1200 dm<sup>3</sup>/h.

Both feeders are mounted on the Colormax Systems C2 scale, which uses a high-speed, highly accurate load cell. The scale is constructed of stainless steel and the scale housing is completely enclosed. All feeder parts that are in contact with the material are made of stainless steel. The feeder is easily disassembled for cleaning or change-over. The gravimetric control software of the Colormax Systems loss-in-weight feeders provides consistent, accurate, reliable and repeatable results. The operator interface allows for individual unit and recipe control. Each feeder has its own control board. Connection between control boards and operator interface is done via industrial protocol.

### **About Colormax Systems**

Colormax Systems is a brand of Coperion, the global leader in compounding and extrusion systems, feeding and weighing technology and bulk materials handling systems. Colormax Systems designs and manufactures feeders and related material handling equipment to meet all processing needs of the plastics and chemicals industry. Colormax Systems is committed to providing Asian and Chinese customers with a definitive edge by making the best of Western technology available at affordable prices. More information under: <http://www.colormaxsystems.cn/>



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*Colormax Systems loss-in-weight feeders, such as the C/S-LW-NT28, are ideal for high product quality applications thanks to the reliable, consistent and high-accuracy feeding technology.*

*Photo: Colormax Systems, Shanghai/China*