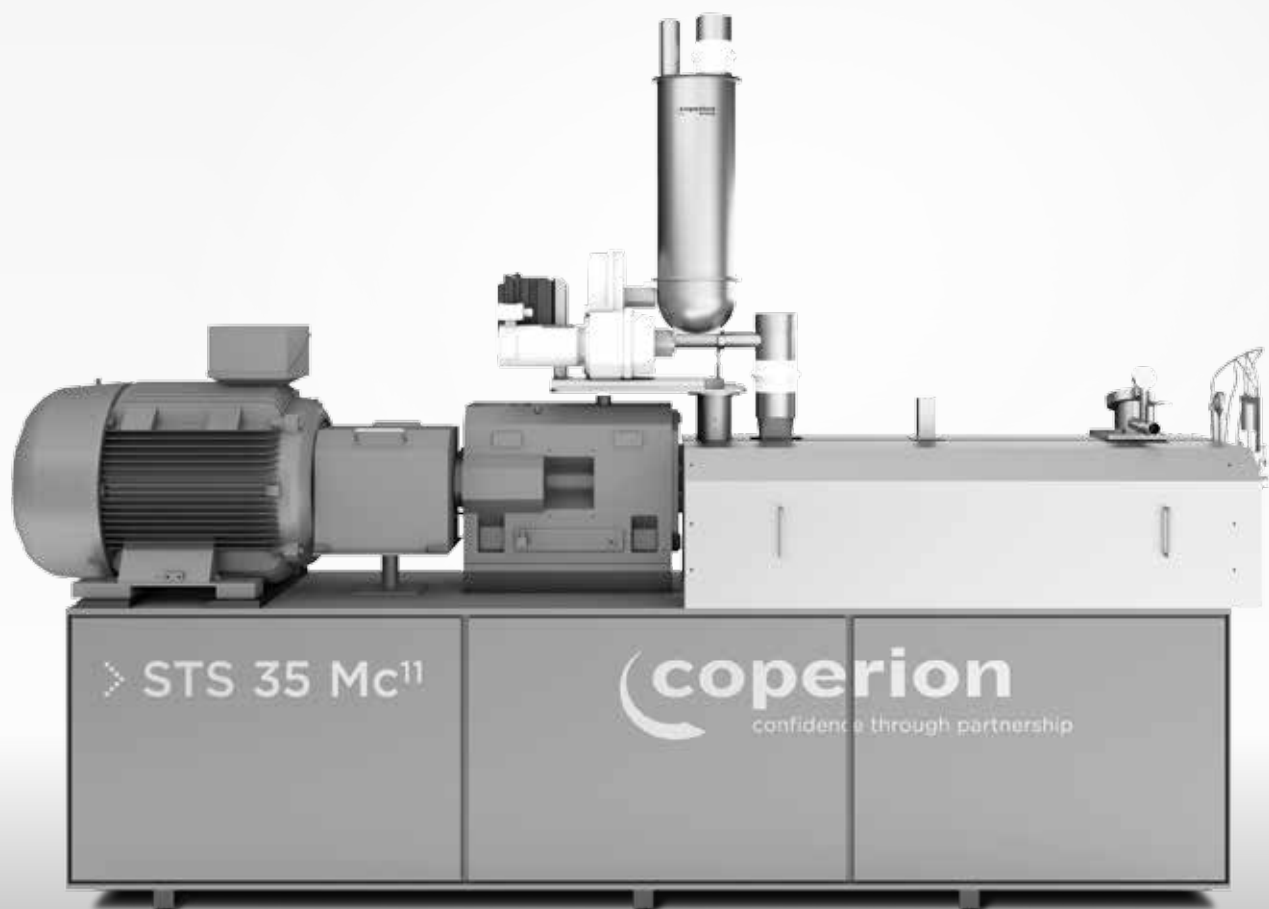




STS 35 Mc¹¹ designed for masterbatch production. Bringing Coperion's first-class technologies together in one system.

STS 35 Mc¹¹ - THE PERFECT SOLUTION FOR MASTERBATCH PRODUCTION



Coperion's new STS Mc¹¹ with a screw diameter of 35 mm and a specific torque of 11.3 Nm/m³ features a die head specially developed for masterbatch applications and is equipped with a Coperion K-Tron single screw feeder and an SP 100 strand pelletizer from Coperion Pelletizing Technology. The extruder, feeder and pelletizer are all perfectly adapted to an economic and efficient production of masterbatch.

NEW MASTERBATCH DESIGN OF STS 35 Mc¹¹

- STS 35 Mc¹¹ 35 mm screw diameter and specific torque of 11.3 Nm/m³
- Wires and cooling concealed in the base frame
- Easy cleaning of protective cover due to its special, gapless design and smooth surfaces
- Larger area opening on the main feed port (barrel 1)
- Coperion quality – Coperion gearbox
- Stainless steel water lines
- Attractive price/performance ratio

All these features ensure the economical production of high-quality masterbatches with a throughput rate of up to 300 kg/h.

S60 VOLUMETRIC COPERION K-TRON FEEDER

Coperion K-Tron feeders are designed for efficient and accurate feeding of raw ingredients. The single screw volumetric S60 feeder is ideally suited to the production of masterbatch and ensures a continuous, uniform infeed.

The S60 volumetric feeder is a single screw feeder with interchangeable feeding tools. All parts in contact with the material being fed are stainless steel and the feeding equipment is easy to disassemble and clean. The horizontal agitator gently moves the bulk material to the large throat and then into the screws. Feeder screws are easily interchangeable. Coperion K-Tron equipment conforms to CE standards regarding EMC and safety.



STRAND PELLETIZER SP 100

The strand pelletizer SP 100 is ideal for long term operation thanks to robust features such as the rugged housing for sturdy cutting gap and high cutting quality over the whole working width. The cantilevered bearing design offers easy access and quick cleaning. 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 ensure gentle product handling and best pellet quality, and are available for all Coperion Pelletizing Technology pelletizers.

- Working width of 3.94 in [100 mm]
- 20 strands (at strand diameter 0.118 in [3.0 mm])
- Throughput rates of up to 1,433 lb/hr [650 kg/hr]

Interested? Get in touch!

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