

Contact

Julia Rupp
Marketing Communications
Coperion GmbH
Theodorstrasse 10
70469 Stuttgart / Germany

Phone +49 (0)711 897 22 25
Fax +49 (0)711 897 39 74
julia.rupp@coperion.com
www.coperion.com

Press Release

Coperion delivers compounding plants to BASF in South Korea

Stuttgart, May 2016 – In the past decade, Coperion GmbH in Stuttgart has delivered, installed and launched several compounding plants for BASF to manufacture engineering plastics. For a new compounding plant in South Korea, BASF relied once again on Coperion's expertise; in September of 2015, the plant was handed over within the contractually agreed timeframe. Since then, BASF has been successfully processing polyamides of the highest quality.

Planning and implementation of the entire plant, all under one roof

Coperion delivered the entire production facility to BASF. The project scope included planning, assembly and start-up as well as verification of guaranteed performance data under production conditions. Moreover, the scope of supply and performance included all equipment and structures to be installed. The entire utility supply was also included in the scope of the project, encompassing not only electricity, but also compressed air, exhaust air purification and pelletizing water circulation, including cooling. All applicable standards and legal regulations for the construction and operation of compounding facilities in South Korea were observed throughout the project.

Throughout the compounding plant, proven Coperion processes and components are used for energy-efficient conveying of raw materials. New to this plant is the use of high-precision Coperion K-Tron feeders. These ensure continuous precise feeding of raw materials according to a predetermined formula into the heart of each line – the high-performance ZSK twin screw extruder. Following subsequent pelletization and drying, the finished product is carefully transported to the product silos. From there, the pellets are fed into the fully automated IBP 250 FFS bagging and palletizing system, which handles weighing, filling, marking, testing, and

May 2016

palletizing processes in a single unit. During the planning of the facility, careful attention was paid to ensure that all steps in the process were optimally coordinated.

Coperion as a reliable global partner — global network with optimal utilization of local resources

Coperion established a specialized team ten years ago for just such projects. The team is composed of specialists from several international company locations who complement each other in process and plant planning, project management, and coordination of the assembly as well as the start-up. Using this global network ensures that the best possible solutions are realized – always taking local circumstances and opportunities into account – for clients at every location around the globe.

Coperion (www.coperion.com) is the international market and technology leader in compounding systems, feeding 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 40 sales and service companies worldwide. Coperion K-Tron (www.coperionktron.com) is a brand of Coperion.



Dear Colleagues,
This press release in English and German
and the color photos in printable quality are available for download from
<http://www.coperion.com/en/news/newsroom/>

Editorial contact and voucher copies:

Dr. Georg Krassowski, 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

May 2016



High-precision Coperion K-Tron loss-in-weight feeders

Image: Coperion, Stuttgart



High-performance ZSK twin screw extruder for polyamide production

Image: Coperion, Stuttgart

May 2016



Coperion IBP 250 FFS bagging and palletizing system for the packaging of engineering plastics at BASF's site in South Korea.

Image: Coperion, Stuttgart