

# Press Release

Karlsruhe/Germany, 2024-08-27

## Romaco at CPhI Milan 2024

### **One stop solutions supplier with a focus on sustainability**

**Romaco will be taking advantage of this year's CPhI in Milan to present one stop solutions for manufacturing, filling and packaging pharmaceuticals. Sustainable components and processes are a key development priority with all of the pharmaceutical machinery manufacturer's products.**

From powder processing to the finished pallet, Romaco has the right technology for every process step. The pharmaceutical machinery manufacturer's portfolio includes fluid bed processors, granulation lines, tablet presses and drum coaters as well as various primary, secondary and tertiary packaging solutions for processing and filling liquids, powders and solid dosage forms.

All Romaco machines are developed and manufactured in accordance with the Group's high sustainability standards. Featuring energy-efficient systems and designed using recycled or recyclable materials, they actively contribute to reducing carbon dioxide emissions worldwide. Romaco recently earned a silver medal in the EcoVadis Sustainability Rating for its commitment to climate protection.

Among other things, Innojet fluid bed processors can be equipped with heat recovery systems that reduce heat energy consumption by up to 70 percent, depending on the product and the process. The VENTILUS® Lab fluid bed processor from Romaco Innojet will be on show at CPhI Milan.

#### **VENTILUS® Lab fluid bed processor from Romaco Innojet**

Designed for laboratory-scale applications, the VENTILUS® Lab fluid bed processor from Romaco Innojet is used for granulating, drying and coating particles of any size from 10 µm to 2 mm. This multipurpose lab unit is intended for batch sizes from 0.7 to 7.0 liters. With its innovative process air distribution system inside the cylindrical product container, the VENTILUS® Lab shortens batch processing

times by up to 25 percent because the required power can be used far more efficiently. The process air is introduced through the circular ORBITER® booster, ensuring homogeneous flow conditions and extremely gentle intermixing of the batch. In combination with a central bottom spray nozzle, the ORBITER® booster plate forms a unique functional unit enabling much simpler scale-up processes. When it comes to nozzle technology, users can choose between the tried-and-tested ROTOJET® spray nozzle and the new FLEXIJET®, which was specifically developed for granulation processes and is not only very easy to handle but also quick to clean.

The patented fluid bed components invented by Dr. h. c. Herbert Hüttlin lie behind the remarkably accurate application of the spray liquid with a precisely defined droplet size. With controlled release formulations, for instance, the modified release profiles are achieved using 10 to 15 percent less material. This targeted reduction in spray liquid usage also means less power consumption, so that the VENTILUS® Lab results in substantially fewer carbon dioxide emissions from fluid bed processes. Furthermore, the rotating SEPAJET® filter system minimizes general product loss by returning particles retained by the filter to the process rather than discharging them.

**On show at CPhI in Milan (Italy) from October 8 to 10, 2024 (Fiera Milano, Stand 18A49).**

**For more information on Romaco, visit our website and social media channels: [www.romaco.com](http://www.romaco.com) – [Showroom](#) – [LinkedIn](#) – [YouTube](#)**

## **Romaco Group**

Romaco is a leading international supplier of processing and packaging equipment specializing in engineering technologies for pharmaceutical products. The Group provides individual machines, lines and turnkey solutions for manufacturing, filling and packing powders, granulates, pellets, tablets, capsules, syringes, liquids and medical devices. The company also serves the food and chemical industries. Through its various technologies, Romaco is committed to sustainable production and to systematically reducing CO<sub>2</sub> emissions.

The Romaco Group has its headquarters in Karlsruhe (Germany) and is part of Truking Technology, a globally operating high-tech enterprise based in Changsha (China). Truking's core competency is handling and filling pharmaceutical liquids.

Romaco operates from six production sites worldwide, with a broad portfolio comprised of seven established product brands. Noack and Siebler (Karlsruhe, Germany) supply blister, heat-sealing and rigid tube filling machines. Macofar (Bologna, Italy) markets technologies for filling sterile and non-sterile powders and liquids. Promatic (also Bologna, Italy) specializes in cartoners, track & trace systems and case packers. Kilian (Cologne, Germany) is a leading manufacturer of tablet presses. Innojet (Steinen, Germany) is in the business of granulating and coating fine solid particles. Tecpharm (Barcelona, Spain) offers tablet coating technologies.

More than 930 highly skilled and committed Romaco employees are dedicated to the development of future product technologies and to the continuous implementation of internal improvement processes. The Romaco Group's multi-brand system solutions are sold worldwide through nine Sales & Service Centers and a dense network of local agent organizations. Over 12,000 installations delivered by Romaco are currently in use in more than 180 different countries.

**The following picture is enclosed with the press release:**

1. VENTILUS® Lab fluid bed processor by Romaco Innojet  
VENTILUS-Lab\_Innojet\_Romaco.jpg



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