

Press Release

Karlsruhe/Germany, 21/02/2019

Romaco at Pharmintech in Bologna Platform technologies for tamper-evident packaging

Romaco Promatic will take advantage of the upcoming exhibition to demonstrate its line competence when it comes to track & trace solutions including secondary packaging, identification and aggregation. Romaco Innojet processing technologies will likewise be on show.

With its secondary and tertiary packaging solutions, Romaco Promatic provides the pharmaceutical industry with a user-friendly platform for manufacturing tamper-evident packaging. The Promatic technologies are flexibly configurable and meet all the requirements of EU Regulation 2016/161 on anti-tampering devices for medicines, which came into force on February 9. In this same connection, Promatic has also prepared its semi-automatic case packers for aggregating serialised cartons. Romaco will show the Promatic PTT 250 track & trace machine at Pharmintech together with an upstream Promatic PCI 915 cartoner and a downstream Promatic PAK 130 case packer. This highly automated packaging line from Romaco Promatic is ideal for tamper-evident identification and aggregation of pharmaceutical packaging.

Promatic PCI 915 intermittent motion cartoner

A mere 3.5 m long, the Promatic PCI 915 intermittent motion cartoner convinces with its compact design and very small footprint. The strictly ergonomic system concept simplifies operation as well as format and product changes. The poka-yoke design of the format parts, for instance, prevents incorrect assembly. The cGMP compliant balcony architecture ensures good access to all components and speeds up safe line clearance. For one thing, the operator has an excellent view of all processes and for another, numerous camera systems permit seamless monitoring of the various steps. Furthermore, reproducible parameters guarantee

a highly reliable process. All in all, the Promatic has a maximum output of 160 cartons a minute.

Promatic PTT 250 Track & Trace system

The Promatic PTT technology offers a platform for mass serialization of pharmaceutical secondary packaging units. If required, it can be equipped with selected printers and labellers to apply the prescribed security features. Camera based inspection systems allow precise identification and verification of the tamper-evident features. The PTT is additionally suitable for integrating serialisation solutions. Users are free to decide themselves which suppliers they eventually purchase their seamless track & trace systems from. Romaco Promatic then designs the modular machine according to each customer's individual requirements. The Promatic PTT 250 achieves a maximum output of 250 cartons per minute. As a stand-alone machine, the Promatic PTT can be linked up to any standard cartoner. Configurations with a monobloc design are likewise possible in line with the Promatic PCI 915 intermittent motion cartoner.

Promatic PAK 130 semi-automatic case packer

The Promatic PAK 130 case packer downstream of the Promatic PTT provides secure aggregation of the serialised cartons. These semi-automatic machines in the PAK product family are thus in conformity with the rigorous standards for the manufacture of tamper-evident pharmaceutical packaging. On the Promatic PAK 130 both the grouping, aggregation and stacking steps and the insertion of the cartons into the cases are fully automated. The only manual steps with the semi-automatic machines are case erection and placement into the hopper by the operator. The filled cases are generally removed by hand. The Promatic PAK 130 currently achieves a maximum output of up to five cases per minute. A system for closing the carton flap with adhesive tape can be installed as an option. The case packer has a compact, ergonomic design with a very small footprint and is easy to clean and quick to retool.

Romaco Innojet VENTILUS® V 5 processing machine

The Innojet VENTILUS® V 5 processing machine, too, will be part of the Romaco exhibit at Pharmintech. The laboratory-scale version of the technology is used for granulating, drying and coating particle sizes from 10 µm to 2 mm. Due to its special design and enhanced processing efficiency, the VENTILUS® V 5 allows up to 25% shorter batch times. The homogeneous flow conditions inside the

cylindrical product container enable extremely gentle intermixing of the batch. The process air is controlled by the ORBITER booster, an ingenious container bottom consisting of overlapping circular plates. Together with the ROTOJET, the central bottom spray nozzle, the ORBITER booster forms an innovative functional unit that meets all the requirements for linear scale-ups. The air flow bed technology ensures accurate control of the product movement and equally precise application of the spray liquids. The resulting formulations can achieve the required release profile with between 10 and 15% less spray liquid.

On show at Pharmintech in Bologna (Italy) from April 10 to 12, 2019 (BolognaFiere Exhibition Centre, Hall 21, Stand A37-B38).

Romaco Group

Romaco is a leading international supplier of processing and packaging equipment specialising in engineering technologies for pharmaceutical solids. The group provides individual machines and turnkey solutions for manufacturing and packing powders, granulates, pellets, tablets, capsules, syringes and medical devices. Romaco also serves the food and chemical industries.

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

Romaco operates from four European business sites, with a broad portfolio comprised of six 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) offers compression solutions for tableting while Innojet (Steinen, Germany) is an innovation leader for granulation and coating.

More than 600 highly skilled and committed Romaco employees are dedicated to the development of future product technologies and to the continuous implementation of internal improvement processes. Romaco's multi-brand system solutions are sold worldwide through six Sales & Service Centres and a dense network of local agent organisations. Over 12,000 installations delivered by Romaco are currently in use in more than 180 different countries.

For more information about the Romaco Group, visit www.romaco.com

The following pictures are enclosed with the press release:

1. Romaco Promatic PCI 915 intermittent motion cartoner

Romaco_Promatic_PCI-915.jpg



2. Romaco Promatic end-of-line packaging solution for seamless track & trace featuring the PTT 250 and the PAK 130

Romaco_Promatic_PTT-PAK.jpg



3. Romaco Innojet VENTILUS® V 5 processing machine

Romaco_Innojet_Ventilus_V-5.jpg



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