

Marketing&Communication Department

Via Nazionale 100, 40065 Pianoro (Bo) – Italy

Press contact: Antonio Leggieri – antonio.leggieri@marchesini.com

Company contact: Emilio Maffei – emilio.maffei@marchesini.com

www.marchesini.com



Press release

Marchesini Group at Achema 2018: the best of “Made in Italy” technology on show at the tradeshow in Frankfurt

Pianoro (Bologna) – Preparations are underway for the yearly *main event* in Frankfurt, **Achema**. Marchesini’s booth of 800 square meters (**Hall 3.1, stand G3**) is expected to be one of the busiest at this key German venue. The exhibition area will host six stand-alone machines and five lines, amongst which will be many **novelties for the Track&Trace, serialization, Industry 4.0 and aseptic packaging sectors**. As is customary, the Group’s high-technology goes hand-in-hand with **typical Italian hospitality**. Guests may indeed enjoy the gastronomy of the Emilia-Romagna region at the Group’s bar and restaurant. There will also be a new **virtual reality area** where some major technological developments will be illustrated.

Lines

The liquids and aseptic area will host *Capsy*, a rotary aseptic cap sealing unit for Small Parenteral Volume vials (SPV). It will be combined with the new *Stery LA* under Isol-Air unit, which is the **first produced by Marchesini Group**.

Another aseptic line will include *Unica*, a robotic machine that integrates the deep-draw forming and cartoning operations into one block. It will be showcased with the syringe and safety device assembler *Combi 1 SD*.

To represent the solids counting section, there will be the counting and capping unit, *Compact 12*, with vial feeder Sirio 3 “Code”, which is able to position round, square, oval or rectangular vials. The key features of this solution are compactness, thanks to the fact that two operations are

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carried out on just one machine, and the possibility to use possible isolator and laminar flow containment systems to guarantee complete protection of product and operator.

Again for the solids industry, there will be the robotic blister line *Integra 320*, set up to meet customers' every need in terms of industry 4.0. The unit will be illustrated for the first time at Marchesini's booth with a 5-camera infeed system, *Valida*, to ensure the multi-vision control of the shape, thickness and colour of the pills. It will also have a NIR active ingredient recognition system. Another novelty on this machine will be the SCADA system - developed together with SEA Vision, a relatively new partner of Marchesini Group. This system checks the mechanical and functional state of the machine by constantly monitoring the quality parameters and informs the operator accordingly. To conclude, the line will also be equipped with a predictive maintenance system to pinpoint possible mechanical problems and suggest appropriate scheduled maintenance actions.

For tube packaging, there will be the linear automatic filler and sealer *MILL 120* with *Robovision*, combined with an *MA 155* cartoner, featuring a new design of the panelling, electric cabinet and pneumatics, plus new components to comply with new safety standards.

Stand-alone machines

The liquids area will be represented by the vial filler *RSF 24* and the *ML 618 1T* vial filler and capper equipped with 18 syringes and a capping head. It is a very compact and flexible machine, ensuring batching precision, high production performance and total compliance to GMP standards.

Another innovative solution on show for stickpack solids will be a version of *MSP 560*, which has been upgraded and lowered to boost its

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performance and ergonomics. The *MSP 560* exhibited at Achema is the perfect solution for packaging liquids (but also powders or granular products) inside stickpacks, thanks to its incredible versatility, compact footprint and easy-to-dismount and clean batching units.

There will also be some **novelties for end-of-line and serialization solutions** with three brand new machines, or ones with new functions. The *BL H235* labeller can label products lying flat, such as pens, lipstick and mascara. The carton labeller *BL A525 CW* with Track&Trace and weight control is able to produce 520 pieces a minute. It is equipped with a **load cell fully integrated** into the stepper conveyance system, which checks the position of the cartons and their weight throughout the whole process and rejects feasible non-conforming products according to the “**Fail Safe**” logic.

Great expectations also for the new *Track-Pack* single block serialization and accumulation unit made up of the labeller *BL A415* and case packer *PS 300*. Some strongholds are that it can be equipped with Tamper Evident heads to apply **self-adhesive tamperproof seals** on the closure corners of the cartons. The end result is a compact machine complete with patented timing device that sets the cartons apart and positions them correctly on the adjustable toothed belt, which prevents them from slipping.

To conclude, the *TURBO-MEK 500* vacuum turbo-emulsifier will be exhibited. It is used to prepare liquid and creamy products, especially emulsions (cream, milk), serum, oil and balm, gel and lotion. This machine, by DUMEK, proves the growing importance of the cosmetic packaging industry within the Marchesini Group’s production range, which is expected to grow even more thanks to the Group’s new Beauty Division.

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