

Press release

Laupheim, May 04, 2023

Uhlmann Pac-Systeme presents solids bottle line - Intuitive, seamless and safe

Laupheim, May 04, 2023. At Interpack 2023, Uhlmann Pac-Systeme is presenting a solids-in-bottle packaging line that covers the entire packaging process and can digitally network all steps. The packaging of solids in bottles is particularly popular in the growing segments of dietary supplements and alternative medicines, but is also attracting increasing interest in the pharmaceutical industry. Thanks to its modular design, the Uhlmann Pac-Systeme solution can be individually configured to meet specific requirements. Changes can easily be implemented. With the future-oriented Uhlmann SmartControl operating system, the interface on all Uhlmann machines is clearly and uniformly structured. This ensures intuitive and process-oriented operation for users. The Bottle line is a joint development with the counting system experts from Cremer Speciaal machines.

Counting, filling, checking, serializing in a continuous process

Are the bottles in the right position? Is the correct number of tablets or capsules filled? How is the serialisation required by regulations implemented? These are just some of the challenges that have to be solved to ensure a safe and efficient filling and packaging process. With its new solids-in-bottle line, Uhlmann Pac-Systeme offers a line that addresses all requirements – and does so across all machines and interfaces in the complete process: from erecting and cleaning the bottles to filling them with solids, desiccant or cotton wools, sealing the bottles, labeling and serialization. Suitable cartoning and end-of-line packaging machines can be easily connected to the bottle line, including aggregation with the Uhlmann Track & Trace solution. The individual elements of the Uhlmann Pac-Systeme solutions, such as the BU 300 bottle erector, the IBC 150 bottle line and the S 500 serialization platform, are optimally coordinated. A particularly innovative solution is the control module, which is already integrated into the counter of the IBC 150. This means that not only does

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the correct number end up in the vial, but also only undamaged tablets. Damaged and foreign tablets are detected and rejected. Before they are sealed, an integrated metal detector also checks the bottles for foreign particles. This reduces rejects to a minimum.

Controlling complex lines in a comprehensive, user-friendly and reliable manner

Solid-in-bottle packaging lines consist of a multitude of mechanical and digital components. In addition, there are high compliance requirements as well as specifications for counterfeit protection or traceability that must be implemented. Networking these complex structures in such a way that processes run safely and efficiently is not trivial; interfaces have to be managed, data collected, exported and analyzed. Uhlmann's Pexcite Software offers an application solution with which users can network Uhlmann Pac-Systeme systems as well as machines and equipment from other manufacturers, according to their process requirements and thus centrally monitor and control them. Pexcite offers various applications specifically for the control and operation of an entire plant:

- Supervisory Control – centralizes batch management for the entire line
- OEE Monitoring – visualizes and monitors the effectiveness of the entire line and thus creates the basis for optimizing production efficiency.
- Track & Trace – provides comprehensive anti-counterfeiting, product and process security in accordance with applicable track and trace regulations.

Pexcite ensures connectivity across the entire filling and packaging process of the solid dose bottle line, providing transparency on key process parameters such as waste, energy consumption, maintenance and spare parts requirements, enabling optimal processes.

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MORE INFORMATION

www.uhlmann.de

ABOUT UHLMANN

Uhlmann Pac-Systeme GmbH & Co KG is one of the world's leading system suppliers for the packaging of pharmaceuticals in blisters, bottles and cartons. In addition to its innovative packaging lines, Uhlmann offers consulting, project management, comprehensive services and digital solutions from a single source. The company is part of the Uhlmann Group, which generated sales of EUR 428 million in the 2021/22 financial year, with around 2,604 employees. Other companies in the Uhlmann Group include KOCH Pac-Systeme, Cremer Spezialmaschinen, Wonder Packing Machinery and Axito.

More at www.uhlmann.de and at www.uhlmann-group.com

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PRESS PHOTOS



Efficiently packaging tablets in bottles

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