



Fette Compacting at the ACHEMA 2022

Schwarzenbek/Frankfurt am Main, August 22, 2022 – Continuous processes and digital tools are increasingly gaining acceptance in pharmaceutical and nutrition production. At ACHEMA 2022, Fette Compacting will present which technologies are particularly economical for tableting and which total solutions users can count on.

The demands on efficiency and quality in tablet production are increasing worldwide, driven by rising pressure on costs and new drug developments. At the same time, production technologies have received a significant boost in recent years, especially in continuous manufacturing and modern digital solutions.

Interested parties can find out what these trends mean for the production of medicines and food supplements at ACHEMA from August 22-26, 2022 in Frankfurt am Main. The experts from Fette Compacting will be available there to answer questions about continuous manufacturing, tablet presses, tableting tools, software offers, services and more. The exhibition area is part of a joint stand with the Excellence United partners. At Fette Compacting, visitors to the fair can find out about these four innovations, among others:

FE CPS: Continuous Direct Compression reinvented

A new type of plant for Continuous Direct Compression enables highly economical Continuous Manufacturing. Instead of oversized production plants, a compact, easy-to-operate technology is used. It consists of the closed FE CPS dosing/mixing unit, an FE55 tablet press, and an operating terminal. The entire system can be integrated into existing production areas on a single level, thereby reducing building investments to a minimum, possibly even eliminating them altogether. It processes a wide range of formulations with throughputs from about five to 200 kilograms per hour. To monitor quality attributes, the plant features a novel ePAT (embedded Process Analytical Technology) system with integrated advanced sensors. The in-line measurements by near-infrared spectroscopy (NIRS), which take place directly during the production flow, allow fast responses and direct control within the production process if necessary.

F20i: The new i Series is supplemented by an all-rounder

With its F20i tablet press, Fette Compacting is expanding the trend-setting range of the new i Series. This high-performance single rotary press closes the gap between the ultra-flexible F10i and the high-volume F30i double rotary press. With up to 475,000 tablets per hour, the F20i is a true all-rounder in the series. Optimized for even faster rotor changes, it is suitable for a wide range of products and batch sizes, thus enabling maximum flexibility in tableting. Like the other machines in the new i



Series, the F20i is compatible with all generations of systems and is dust-tight as standard. For active or highly-active ingredients, it can also be upgraded to include a Containment Guard option. In addition, there are further innovations: a new type of tablet discharge, comprehensive connectivity up to the Internet of Things (IoT), easier operation and cleaning, as well as smart energy monitoring.

alva: Training software for intuitive learning

A training tool that is always available: alva, the new learning app from the OSDi business unit. As a browser-based application, alva can also be consulted on mobile devices to impart sound knowledge about tablet production. Learning is supported by interactive, three-dimensional graphics, animations and instructions based on the knowledge of experienced trainers and designers. The app is divided into various modules, each of which presents a work process or an important assembly. In this way, alva helps to quickly and easily train new operators and qualify them to work on the tablet presses.

EasyCare: Complete system for tableting tools

Tableting tools make a significant contribution to performance in the area of tablet production. To ensure that they are in top condition at all times, Fette Compacting has developed the comprehensive EasyCare handling and care system. One central element is represented by the TRI.EASY tool case, which allows tableting tools to be safely transported, stored and cleaned in a single container. The trays of the cases fit exactly into a fully-automatic cleaning system supplied by partner ARUNA. With cleaning and corrosion protection agents from Borer Chemie, the tools are cleaned without leaving any residue and then automatically polished using a machine from Nortec. With these GMP-compliant components, Fette Compacting offers a comprehensive solution for the safe and efficient handling of tray tools.

About Fette Compacting

Fette Compacting is the world's leading provider of integrated solutions for industrial tablet production. The company has its headquarters in Schwarzenbek near Hamburg. A second technology and production facility is operated in Nanjing, China. Fette Compacting is represented in more than 50 countries worldwide. It is a member of the LMT Group, a medium-sized, family-owned group of companies. 1,800 people work for LMT Group companies at over 20 locations worldwide. The Group achieved sales of 375 million euros in fiscal 2021.

More information at: www.fette-compacting.com

Presseinformation

Press release



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