

A look into the future of tablet production: Continuous Manufacturing Circle from Fette Compacting

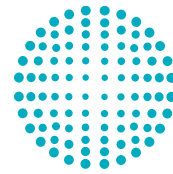
Schwarzenbek, 29 June 2022 – On June 22 and 23, the future of tablet production was paramount at Fette Compacting in Schwarzenbek. More than 100 participants discussed the opportunities and challenges of continuous direct compression at the "Continuous Manufacturing Circle". Instead of separate production steps, this process enables continuous processing from powder to the finished tablet. However, it has not yet become comprehensively established in pharmaceutical and nutrition industry.

The two-day event featured a keynote speech and practical workshops on direct compression, as well as a panel discussion with five industry experts: Lawrence De Belder, Executive Consultant Continuous Manufacturing at Pharmatech Associates; Frank Eismann, Venture Manager at Bayer Consumer Health; Dr. Markus Krumme, Vice President Continuous Manufacturing at Novartis; Wayne Sinclair, Associate Director Process Analytical Technology at Teva Pharmaceuticals; and Dr. Marten Klukkert, Manager Technology Center at Fette Compacting. Among other topics, they spoke about how companies can answer the demanding questions of greater efficiency, less complexity and faster response to challenging market conditions.

"There's no doubt that continuous manufacturing will play a dominant role in drug development and production in the future," emphasized Dr. Markus Krumme, who also delivered the keynote speech. "The only question is when this will be the case. That depends heavily on the commercial availability of modular solutions that pharmaceutical companies can implement in existing production environments. I believe there will be exponential growth in this, initially with cautious steps and then with increasing momentum as confidence in the new technology grows."

World premiere of the FE CPS

As a highlight of the Continuous Manufacturing Circle, Fette Compacting presented a new direct compression line, in which the dosing and mixing of the powder was arranged in a closed unit for the first time: the FE CPS. In addition, the continuous line includes an FE55 rotary press, which is directly connected to the upstream steps via the powder transport system of the FE CPS. With its compact and modular design, the new line can be flexibly integrated into existing



production areas. Its process design and rapid changeover capability make it possible to manufacture a wide variety of products on a single line. The FE CPS meets key requirements highlighted by the experts during the Continuous Manufacturing Circle.

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

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