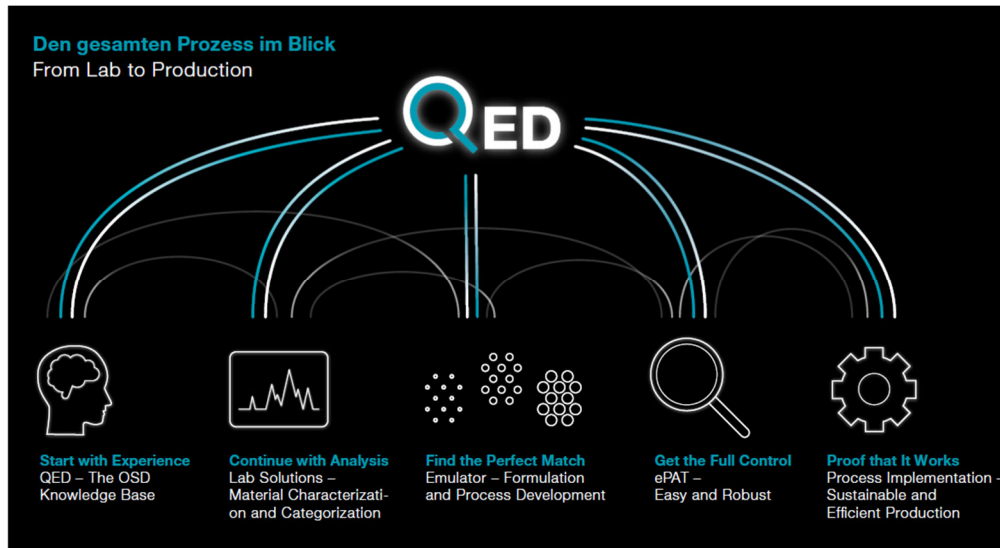
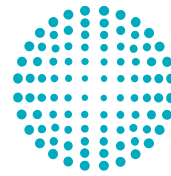


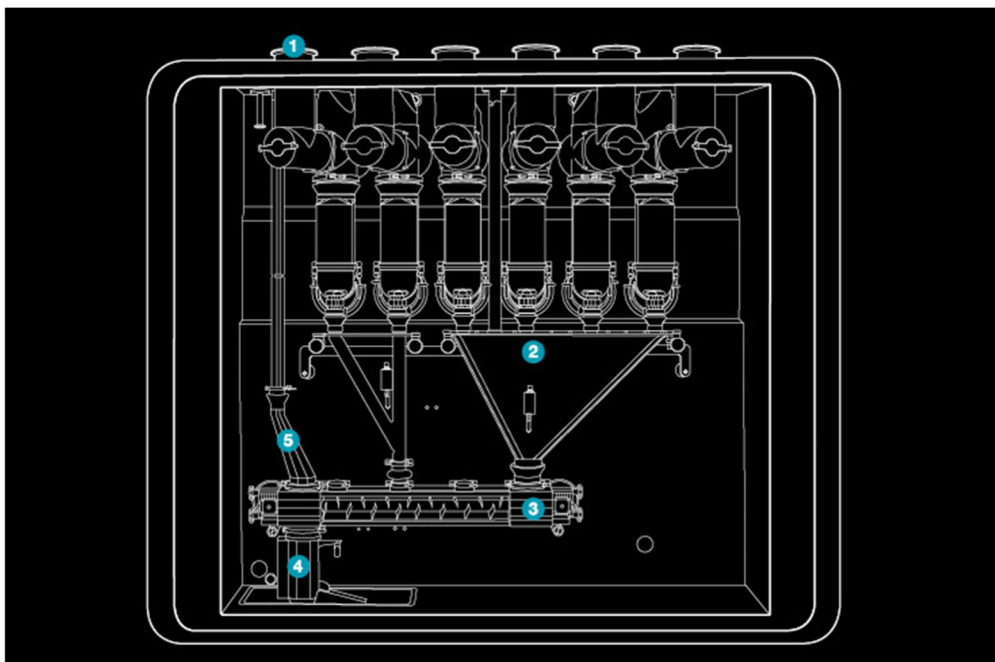
Press photos and captions on ACHEMA 2024



From Lab to Production: at ACHEMA 2024, Fette Compacting will be presenting new ways to develop a common understanding of processes with users, optimize powder formulations in the laboratory, and find the ideal production process. As a basis, expert knowledge has been bundled in the new QED (Qualified Expert Database).

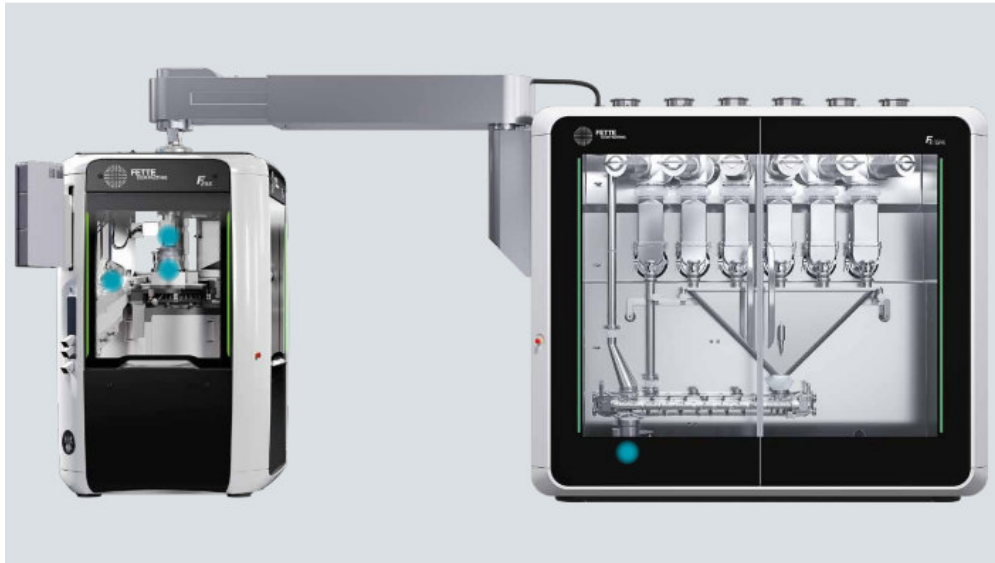


Continuous manufacturing: continuous direct compression line consisting of FE CPS processing system (right), FE55 rotary tablet press (left), and central operating terminal (center)



Continuous manufacturing: continuous production process with FE CPS

1. Material feed with automatic refill system (ARS)
2. Dosing with gravimetric (Loss-in-Weight, LiW) powder dosing units
3. Mixing process with horizontal two-zone mixer
4. Quality control with integrated NIR spectroscopy (ePAT)
5. Conveying mechanism on a single level via dense phase conveying



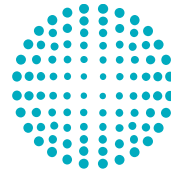
Continuous manufacturing: potential measuring positions for ePAT sensors (an additional measuring point can be set up using an external tablet testing device).



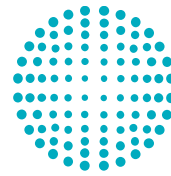
Continuous manufacturing: exemplary ePAT measuring head (integrated near-infrared sensor in the filling tube of a rotary tablet press)



Continuous manufacturing: HMI with intuitive user interface for a quick overview of the parameters of the entire continuous process



New i-series: cross-generation, system-compatible, dust-tight, energy-efficient and “digital ready” – from left: flexible single rotary F10i press, powerful all-rounder F20i press, and high-speed double rotary F30i press



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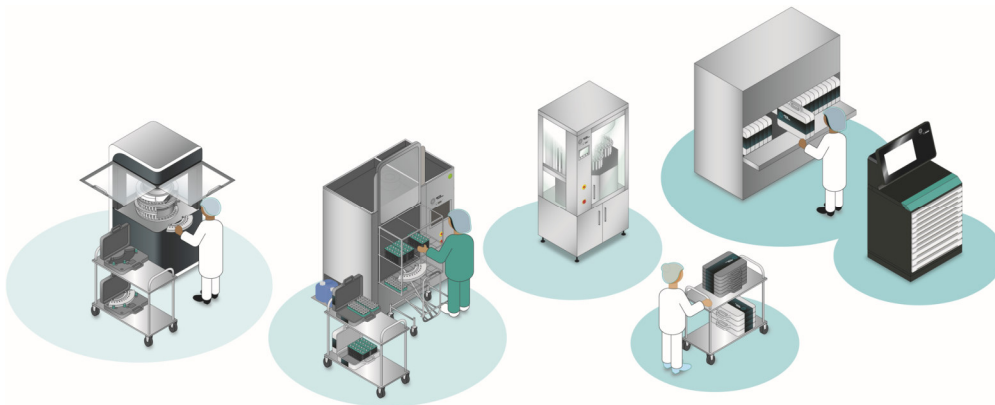
F Lab series: PVA units F Lab 10 and F Lab 5 enable the compression of formulations and subsequent evaluation of the results.



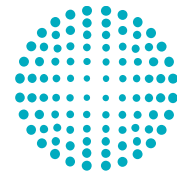
Lab Solutions: modular analysis system for the complete recording of the compression properties of powdered products



Tableting tools: the chrome nitride super smooth (FCG-SCR) coating has the best non-stick properties as well as high degrees of hardness and wear resistance.



Tableting tools: EasyCare for safe and efficient case handling with automated solutions for cleaning, polishing and storing tray tools



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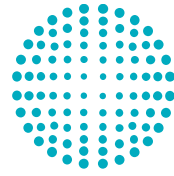
Joachim Dittrich, CEO Fette Compacting



Dr. Marten Klukkert, Vice President Customer Development Center at Fette Compacting



Dr. Martin Schöler, Vice President Technology at Fette Compacting



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Dr. Ina Petry, Group Lead Application Consulting at Fette Compacting