

News Release

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KORSCH to Present Innovative 4th Generation Tablet Press at INTERPHEX NYC

The XL 400⁴ adds an integrated electrical cabinet, torque drive, and new HMI design to the proven XL 400 platform, with models for dedicated single-layer and advanced multi-layer flexibility.

South Easton, MA – **KORSCH AG** – the global leader in tablet press technology, offering solutions for product development, scale-up, high-speed production, multi-layer, mini-tablet, and WIP/high-containment applications, will present its next-generation **XL 400⁴** at INTERPHEX NYC 2020. The XL 400⁴ features smart Industry 4.0 capability, both in a single-layer only and a flexible execution, which permits the production of single-layer, bi-layer, tri-layer, tablet-in-tablet, and microchip-in-tablet product formats – all on a common machine platform.

Advancements in the new XL 400⁴ include an integrated electrical cabinet for a smaller footprint, a torque drive to deliver optimal performance, a fully sealed machine design, and a fast-change capability to drive gains in uptime and efficiency. Based on the latest Allen-Bradley ControlLogix PLC, and featuring a completely redesigned HMI environment, the XL 400⁴ offers an intuitive operating experience, with integrated online help, including access to manuals, schematics, procedures, and support videos directly at the machine.

The new **XL 400⁴** is available in two versions, as follows:

KORSCH XL 400⁴ SFP (Single-Function Platform)

Offering a dedicated single-layer capability, the **XL 400⁴ SFP** features an ergonomic, accessible design and the fastest changeover of any machine in its class. An exchangeable turret execution with internal lift device permits the production of any size tablet on a single machine. Designed with a 100 kN precompression column, a 100 kN main compression column, and an innovative compression dwell bar between the compression stations, the **XL 400⁴ SFP** is rugged and robust. With a maximum press speed of 120 RPM, and an extended feeder length, the **XL 400⁴ SFP** is geared for high-speed production with a maximum output of more than 300,000 tablets per hour.

KORSCH XL 400⁴ MFP (Multi-Function Platform)

Offering single-layer, bi-layer, tri-layer, tablet-in-tablet, and microchip-in-tablet capability in a single machine, the **XL 400⁴ MFP** can produce a tablet of any size, shape, and format. Its modular feeders, compression stations, and cam tracks allow the press to be reconfigured for all applications over the course of a normal changeover.

In single-layer mode, the XL 400⁴ MFP is process-identical to the XL 400⁴ SFP, and the two machines share common product contact parts and full turret interchangeability. The XL 400 platform also offers a comprehensive containment capability with fully integrated solutions for OEB 3, OEB 4, and OEB 5 applications.

All key components, including turrets, feeders, and cams, are fully interchangeable with 3rd generation XL 400 machines, permitting seamless integration at existing installations. The XL 400⁴ SFP and MFP share an identical Allen-Bradley PLC-based control system and HMI environment with secure login, product recipe, electronic audit trails, and full network integration, including domain login, centralized product recipe and batch data storage, as well as transfer of all process parameters to a centralized SCADA or historian.

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About KORSCH

Founded in 1919 in Berlin, Germany, KORSCH AG has a 100-year tradition and commitment to innovation. As the only true **specialist** in the tablet press market, KORSCH focuses solely and completely on the advancement of tablet press technology for pharmaceutical, nutraceutical, food, confectionary, technical, and chemical products. The result is generations of experience developing the broadest, most innovative tableting equipment portfolio in the world. In operation worldwide, KORSCH tablet presses are supported by a global network of sales and technical service specialists. For more information, visit www.korsch.com.