

New i Series: leaps in performance in OSD production

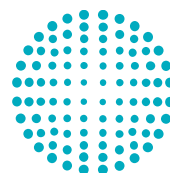
Schwarzenbek, June 10, 2024. With the tablet presses of the new i Series, Fette Compacting has taken a decisive step into the future of solids production. The machine series, consisting of the flexible single rotary F10i, the powerful all-rounder F20i, and the high-speed double rotary F30i, combines proven technology and innovative new features to create a pioneering technology platform for tableting.

The new generation of the i Series follows in the tradition of Fette Compacting's tablet presses, which have long formed the backbone of high-volume OSD series production worldwide. Numerous innovations ensure outstanding performance. At the same time, the use of proven design principles ensures a high level of system compatibility with existing systems. This results in significant advantages: the new i Series minimizes the time and effort required to validate and qualify the machines from several months to just a few days. At the same time, existing production environments can be easily expanded.

In addition to an optimized rotor change system, the innovative multi-format tablet discharge, which was specially developed for the new i Series, is a guarantee of performance. It is suitable for most common tablet formats and, thanks to a special diverter shape, ensures that the tablets automatically find the path with the lowest frictional resistance. This significantly reduces the risk of material jams.

Focus on operator safety

All members of the new machine family are dust-tight as standard – an important aspect for protecting operating personnel from exposure to active ingredients. For further containment protection, the new i Series offers the



'Containment Guard' option, a tailor-made solution package that is available not only for the tablet presses but also for the process equipment.

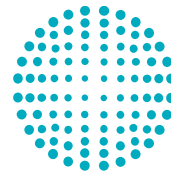
The operator is also potentially exposed to the processed active ingredient when cleaning the machine. For this reason, the new i Series has significantly reduced the areas to be cleaned compared to previous models. An optimized extraction system also helps to reduce product deposits in the interior to a minimum. Dust-tight connections between the interior and process equipment as well as intelligently routed cables and lines also ensure that the machine can be pre-cleaned quickly and safely.

New digital standards and easy operation

The new i Series offers the technical requirements for use in state-of-the-art production environments and enables the simple integration of process equipment according to the plug-and-play principle. The machine's open interfaces comply with industry standards for automation and allow the tablet press to be easily integrated into a Manufacturing Execution System (MES) or connected to the Internet of Things (IoT).

The series also impresses with its user-friendliness. Modern software and intuitive user interfaces make the machine easy to operate, even for less experienced personnel. As a digital assistant, a Workflow Operation Wizard provides step-by-step guidance through the processes in an easy-to-understand manner. An optional Radio Frequency Identification (RFID) function is available for user recognition.

One topic that is becoming increasingly important for manufacturing companies is energy efficiency. This is why the machines in the new i Series are equipped with intelligent energy monitoring, in addition to other innovative solutions. With its help, power consumption is recorded and stored in real time. This allows users to determine the required kilowatt hours



for each product batch, derive detailed forecasts for future energy consumption, and even achieve savings of up to 15 percent.

About Fette Compacting

With more than 6,000 installed machines, Fette Compacting is the world technology leader in integrated solutions for industrial tablet production. The company has specialized in high-performance machines for the pharmaceutical, nutrition, and chemical sectors for more than 75 years.

The company has its headquarters in Schwarzenbek near Hamburg. A second technology and production site is located in Nanjing (China) and another development location is in Mechelen (Belgium). Fette Compacting is represented in more than 50 countries around the world and is a member of the LMT Group, a medium-sized, family-owned group of companies. Around 1,800 people are employed at more than 20 locations worldwide. The Group achieved sales of around 380 million euros in fiscal 2023. www.fette-compacting.de

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