The new i Series from Fette Compacting: the efficient platform for OSD production

Schwarzenbek/Düsseldorf, May 4, 2023 – The tablet presses in the i Series have been setting standards in efficiency and quality in tablet production for decades. With the latest generation, the tableting specialists have further developed the i Series into a future-proof technology platform that can be optimally integrated into existing production environments.

The new i Series from Fette Compacting comprises three models: the F10i and F20i single rotary presses and the F30i double rotary press. The machines are in the tradition of Fette Compacting's tablet presses, which have long formed the backbone of large-volume OSD series production worldwide. With the latest generation of the i Series, Fette Compacting has succeeded in developing a technology platform that offers users unique future security. Numerous innovations ensure superior performance. At the same time, the use of proven design principles ensures a high level of system compatibility with existing installations. Advantage for users: validation and qualification efforts are significantly reduced – from several weeks to only a few days.

This makes production scaling and expansion as well as the integration of further processes particularly easy.

The new generation of the i Series – An overview of innovations

1. Innovation

The entire platform is based on an innovative design. These include a high-performance multi-format tablet chute, an optimized rotor change system, and dust-tight basic equipment for increased operator protection.

In addition, all models of the new i Series are also available as a containment option.

2. Energy monitoring

Sustainability is a topic which is close to Fette Compacting's heart. That is why all new models feature intelligent energy monitoring. It records power consumption and enables precise forecasts of future energy use – with a measured savings potential of around 15 percent.

3. Digitization

The new i Series is also "digital-ready." This means that it has the latest technical connectivity to be used in the context of pharmaceutical production 4.0. The platform's interfaces are suitable for a Manufacturing Execution System (MES) and the Internet of Things (IoT). The whole thing is complemented by apps from OSDi, enabling mobile and real-time monitoring of production by customers.

Easy handling

Like all Fette Compacting machines, the i Series is controlled via an intuitive Human Machine Interface, which allows even less experienced personnel to control, monitor and document the tableting processes. Support is provided by a Workflow Operation Wizard, which guides through the processes step-by-step and in an easy-to-understand manner. Process reliability has also been raised to a new level: for example, the optional RFID (Radio-Frequency Identification) transceiver system can automatically identify components and compare them with preset recipes.

Parallel operation of both generations possible

Since the first machine of the latest generation was presented in 2019, the F10i and F30i models have now proven themselves in regular production

operations at several companies. The first projects featuring the latest F20i are in preparation. The system-compatible design is proving to be particularly valuable: the compatibility of all process-related assemblies enables users to continue using die or segment rotors, for example, with minor modifications. Another advantage: with the help of conversion kits, users can also upgrade existing systems to a newer version.

About Fette Compacting

Fette Compacting is the leading international supplier of integrated solutions for industrial tablet production. The company has its headquarters in Schwarzenbek near Hamburg. Fette Compacting operates a second technology and production facility in Nanjing (China). Fette Compacting is represented in more than 50 countries worldwide. Fette Compacting 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 euro in fiscal 2021. www.fette-compacting.de

Your contacts at Fette Compacting:

Volker Reinsch
Director Corporate Marketing & Communication
+49 (0)4151 12-498
vreinsch@fette-compacting.com

Nicole Anderson
Corporate Communication Manager
+49 (0)4151 12-559
nanderson@fette-compacting.com