

## Press release

Syntegon Technology

### New GKF Capsylon 6005 capsule filling machine from Syntegon combines maximum efficiency and proven flexibility

- Maximum efficiency: 360,000 filled capsules per hour thanks to 48 segment bores and two dosing stations
- Higher product yield and minimized dust impact due to patented slide-gate technology
- Click system ensures significant time savings during format part changeovers

Waiblingen (Germany), July 12, 2023. Syntegon is setting new standards in capsule filling for the nutraceutical industry with the European and US market launch of its [GKF Capsylon 6005](#). The latest addition to the GKF [Capsylon series](#) is already successfully in operation in the Asian market; the North American launch is planned for October 2023. The GKF Capsylon 6005 differs from its predecessors primarily in terms of output and product yield – serving the need for higher production capacities of manufacturing companies. “We are seeing growing interest in products like vitamins, proteins, and other dietary supplements in the European and U.S. markets,” says Andreas Nuessle, product manager at Syntegon. “The GKF Capsylon 6005 combines a significantly higher output rate with the flexibility of the range to fill powders, pellets, granules, and even special products. This makes it suitable for a particularly wide range of applications.”

#### The highest output with two dosing stations

The GKF Capsylon 6005 is based on proven technology and features numerous innovations at the same time. With 360,000 capsules filled per hour, the output has more than doubled compared to the GKF Capsylon 3005 (175,000 capsules/hour). The high-speed capsule filling machine has 48 instead of 21 segment bores in four instead of two rows. “The GKF Capsylon 6005 also features two dosing stations operating in parallel,” Andreas Nuessle adds. “This allows us to fill a larger number of capsule segments evenly without losing any time.”

Syntegon's patented slide-gate, which is used in the GKF Capsylon series by default, provides additional support. The slide-gate's precise movements reliably cover the segment bores from below during filling. This results in a higher product yield and lower dust impact with overall higher filling accuracy. At the same time, the slide-gate technology offers manufacturers more flexibility by allowing the GKF Capsylon 6005 to process pellets or granules on the same dosing station.

#### Flexible format part changeover without readjustment

A further optimization of the GKF Capsylon 6005 relates to format part changeover: the click system developed by Syntegon ensures significantly faster changeovers. No manual readjustment of the format parts is needed – the ideal prerequisite for processing a wide range of different products on the same machine in a time-saving manner. Operators can learn the use of the intuitive system with minimal effort.

Chairman of the Supervisory Board: Marc  
Strobel Management: Dr. Michael Grosse,  
Dr. Walter Bickel, Dr. Peter Hackel,  
Johan Nilsson

Phone +49 7151 14 0  
E-mail [press@syntegon.com](mailto:press@syntegon.com)  
Website [www.syntegon.com/press](http://www.syntegon.com/press)  
Twitter @Syntegon

Visitor address  
Stuttgarter Straße 130  
71332 Waiblingen

Syntegon Technology GmbH  
P.O. Box 11 27  
71301 Waiblingen

## Professional service worldwide

From October 23 to 27, 2023, visitors of SupplySide West in Las Vegas can experience the GKF Capsylon's flexibility and efficiency live at booth 4227. Together with Syntegon's high-shear granulators, fluid bed systems and capsule checkweighers, the new capsule filling machine can be combined to form a complete production unit.

Syntegon also supports its customers with a comprehensive service portfolio. They have access to a global network of service experts who provide support in case of technical questions, perform maintenance work, and provide training for machine operators. In addition, original Syntegon spare and format parts always ensure optimum machine functions and smooth production. This minimizes production risks and allows manufacturers to concentrate on their core business.

###

## Images



The GKF Capsylon 6005 capsule filling machine can fill 360,000 capsules per hour due to its two dosing stations and 48 segment bores.



Format part changeovers can be carried out quickly and conveniently with the click system developed by Syntegon.

## Contact

Nicole König  
Spokesperson Product Communications Pharma  
+49 7951 402-648  
[nicole.koenig@syntegom.com](mailto:nicole.koenig@syntegom.com)

**About Syntegon**

Processing and packaging for a better life – this is what 5,800 Syntegon employees work for every day. Be it with individual machines, systems, or services, Syntegon helps its customers in the global pharmaceutical and food industries to improve people's lives. The company, which is headquartered in Waiblingen, Germany, looks back on more than 160 years of experience and achieved annual sales of 1.4 billion EUR in 2022. In the pharma sector, the company's intelligent solutions enable the safe and high-quality production, processing, filling, inspection, and packaging of liquid and solid pharmaceuticals. In the food industry, Syntegon's flexible and reliable technologies produce and pack confectionery, dry food, frozen food, and dairy products. With 1,100 service experts and a comprehensive service portfolio throughout the entire machine lifecycle from spare parts management to digital line optimization, Syntegon lays the foundation for smooth production processes for all customers. More than 35 sites in almost 20 countries keep a firm eye on Syntegon's impact on the environment and society. Syntegon is a leader in the development of sustainable packaging solutions, reduces the energy consumption of its machines and pursues ambitious goals to lower its emissions. [www.syntegon.com](http://www.syntegon.com)