

# GKF 705 Capsylon<sup>®</sup>

CAPSULE FILLING MACHINE FROM SYNTEGON.

## IDEAL FOR THE CAPSULE FILLING OF HEALTH AND NUTRITION AS WELL AS PHARMACEUTICAL PRODUCTS

The GKF Capsylon is a filling machine designed with known Syntegon quality and an excellent cost-performance ratio. It answers the growing need from the health and nutrition market for high efficiency, easy operation, and simple cleaning and maintenance machines.

## WIDE RANGE OF FILLING PRODUCTS

The GKF Capsylon is a very reliable machine suitable for powder, pellets and granules. These range from typical nutraceutical products, such as herbs or vitamins, to pharmaceutical products such as powder, pellets, granules, or even special products with fluffy, sticky, abrasive, fibrous, or other properties. The GKF Capsylon can accommodate different nutraceutical products, as required.

## FLEXIBLE MACHINE WITH DIFFERENT OUTPUTS

The smart and cGMP compliant design and experienced engineering allow easy and fast cleaning, as well as format change-over.



## Your benefits

- ❑ Easy and simple size changeover
- ❑ Syntegon's service network supports customers globally and immediately
- ❑ Cost efficient capsule filling machine for powder, pellets and granules
- ❑ Significantly increased yield and minimized product loss due to patented slide gate technology (optionally)
- ❑ Short cleaning times
- ❑ Highly efficient and effective production processes due to very easy maintenance and operation
- ❑ Only one day of training enables most operators to run the Capsylon
- ❑ Reliability as a result of more than 50 years of experience in designing and building capsule filling machines



### SLIDE GATE TECHNOLOGY (OPTIONALLY)

With the patented slide gate system the product loss is reduced, which does lead to a significant yield increase. Besides minimizing the dust impact of the product in the machine, the slide gate system also offers the possibility to run pellets on the same dosing station. Finally the slide gate technology does ease to handle difficult products significantly.

### EASY MAINTENANCE, EASY TO OPERATE

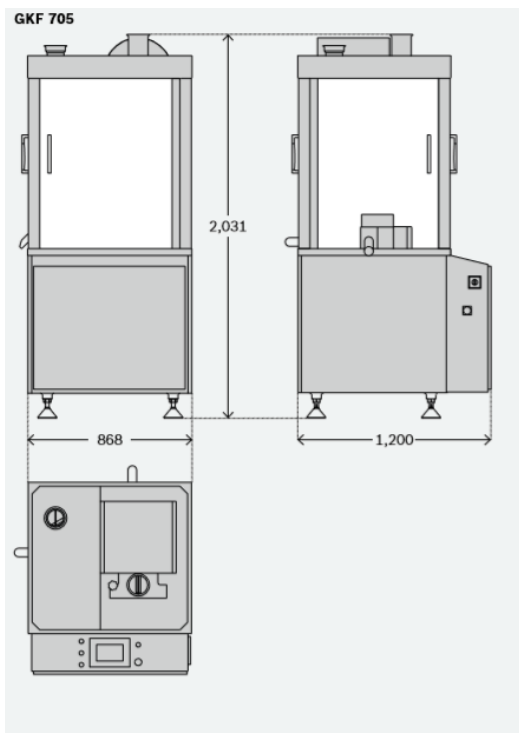
Syntegon has successfully established its reputation as a provider of reliable machines with advanced functionality. With the GKF Capsylon, we are aiming to bring this quality to a wider range of industries, specifically the health and nutrition market, with low investment and easy operation. For most personnel, the training only takes one day and then the operator is able to run the GKF Capsylon.

### FAULTY CAPSULE EJECTION

Non-separated capsules are automatically rejected and extracted, so that these faulty capsules are removed from the flow of good capsules, prior to the ejection station. By design the product loss of overfilled capsules is minimized, due to small diameter (forcer) and gentle transport.



- 1 Capsule alignment and separation
- 2 Separation carrier
- 3 Free station
- 4 Free station
- 5 Dosing station for powder or pellets via fixed or height-adjustable dosing disk
- 6 Segment alignment
- 7 Free station
- 8 Ejection of non-separated capsules
- 9 Uniting of the segments
- 10 Capsule closing station
- 11 Capsule ejection of filled capsules
- 12 Segment cleaning station



### Technical Specifications

Target groups	Small-batch production
Max. Output	42000 capsules/h
number of capsules/segment	5
Capsule size	000–5
Connected loads of the machine	400 V+/- 10%, 50/60 Hz 3ph/PE, 13A 9KVA nonstandard voltages
Connected load of the vacuum pump	230V, 550W
Connected load of the dust extractor	230V, 1.5kW

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