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## Small businesses, in particular, welcome the new **Bosch capsule filling machine Capsylon GKF705**

The new capsule filling machine Capsylon GKF705 has been on the market since May 2010. It thus completes the cost-optimized Capsylon machine family, consisting of the **Capsylon 705** (up to 42,000 capsules/h), **Capsylon 1505** (up to 92,000 capsules/h) and **Capsylon 3005** (up to 175,000 capsules/h). Thanks to the excellent reputation of the already established Bosch GKF models, the first orders were placed in a very short time. Several Capsylon 705s, which produce up to 42,000 capsules an hour, were ordered for dietary supplement and health care products as well as pharmaceutical products. Prior to placing their orders, the manufacturers, all of which are small companies, initially considered capsule filling machines from aggressively-priced competition, however, they finally decided on the Bosch model Capsylon 705 - and thus on Bosch as business partner for the first time - because of the obvious advantages for their production and the intrinsic value.

One new customer active in the dietary supplement and healthcare sector did not have in-house capsule filling up to that time but outsourced to an external manufacturer who operates semiautomatic machines. With costs in mind, it had also initially considered installing a semiautomatic unit. However, this was quickly dismissed due to the advantages of reasonably priced fully automatic machines.

As bringing capsule filling in-house represented a high investment for the company, management carried out a thorough assessment of the machinery available on the market, including a direct comparison between the Capsylon GKF705 and lower priced automatic machines. When comparing value for money and 'like for like', the company soon realized that the GKF705 offered a number of features as standard, which other machines lacked, and this brought significant advantages and benefits to the capsule filling process.

The first major advantage is that the Capsylon 705 has powder extraction as standard. This means that if a capsule is missing from the filling line, the powder is automatically ejected by an extraction device. This prevents the product being carried along and the development of dust in the machine.

Also standard on all Capsylon GKF machines in the Bosch range is the removal of non-separated capsules by vacuum extraction and an intensive cleaning station for blowing any powder residue from the capsule carrier blocks, which ensures that new capsules will feed efficiently into the line.

The capsule filling machines also use Bosch's well known 'Tamping pin' method for filling powders, which creates a uniform slug.

The advantages are multifaceted and include minimal product loss, the consistent prevention of trapped air, the constant mass and weight and - of decisive importance - excellent suitability for difficult to handle products.

Finally, the customer also benefited from the Capsylon 705 having a capsule carrier turret completely sealed off from mechanical movements, thus ensuring easy and efficient cleaning.

This results in significantly shorter cleaning times.

Starting with these varied advantages of the Capsylon GKF705, this company decided to select Bosch as an experienced partner in this field. The company found Bosch's technical expertise in encapsulating powders to be invaluable and gained much more technical advice and support than would otherwise have been the case if it had simply bought an off-the-shelf capsule filling machine.

The second Capsylon 705 was recently sold in the UK to a small pharmaceutical company that was also new to capsule filling. The company wanted a partner to work with it in a new facility for producing antibiotics.

After assessing a number of capsule filling units, the company found that the features of the Capsylon GKF705,

together with the high quality engineering and expertise provided by Bosch also in filling antibiotics, were clearly superior to similar, equivalent machines on the market.

As well as vacuum extraction, the customer welcomed the ease of changeovers and cleaning of the machine.

For the Capsylon product series, our customers can make use of the local Bosch Service network.

### **Have we aroused your interest?**

Please contact us:



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