

Press Release

New filling system for open-mouth bags

BEHN + BATES at Powtech 2010: For the first time with exhibit

The machine building company BEHN + BATES based in Münster/Germany will be present at Powtech 2010 with an exhibit for the first time. On the common stand with the parent company HAVER & BOECKER it will show the newest product out of its packing machine range for open-mouth bags which is the filling system BOH – a cost-effective, user-friendly, manual filling station for open-mouth flat and gusseted bags made of paper, PE, PP or material combinations.

In the last few years BEHN + BATES mainly concentrated on the development and construction of fully automatic systems for the efficient filling of food and pet food powders into open-mouth bags. Now the traditional German company is targeting packing companies that either market niche products or only require low packing outputs. Thus, they frequently do not need fully automatic machines with automatic empty-bag application and full-bag discharge, but, of course, insist on the precise filling of their products. Based on the proven modules of the fully automatic machines BEHN + BATES developed the filling station BOH in 2009.

The focus was put on the construction of a simple packing system filling all kinds of products and especially powders in a clean, gentle and weight-accurate way. The basic filling module is designed for the manual empty-bag application and full-bag discharge, but can easily be converted for semi-automatic operations subsequently. Besides the possible tailor-suited increase in capacity the user attains an optimum budget planning due to the later extension.

The BOH filling station can fill bag weights from 10 to 50 kg. The product weighing is done during the filling process, i. e. according to the gross filling principle. The proven hexagonal filling spout is used for the dust-tight filling of powders. Its special feature is that the bag is held absolutely tight from all sides at the filling spout. Product dust may

thus not leak from the bag during the filling process. The product dosing into the bag is carried out by either an auger or an impeller dependant on the product and the required capacity. The capacity of the basic machine is between 50 and 150 bags per hour.

The filled bags are taken off the filling spout and are transferred to the bag closing station manually. The user decides on the type of bag closure considering his individual needs. Due to the mature modular design the BOH filling station can be combined with all possible types of closing stations.

BEHN + BATES will deliver the first BOH filling station for tapioca starch to Thailand in 2010. The customer is in the process of building a new and more modern starch production facility. For a start he does not need a fully automatic machine. Thus, the BOH concept made by BEHN + BATES convinced him.

Münster, March 2010

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