



Product News

BEUMER bag placer: Filling Bulk Material More Efficiently with the BEUMER fillpac

Edited by on 2. Jul. 2017

Beckum, Germany -

With its standardised modular design, the new BEUMER bag placer from [BEUMER Group](#) provides numerous set-up options. The user can set it up at any angle by adding an optional turntable for example. This reduces the required floor space considerably. The system is equipped with an ergonomic control terminal. The improved Human Machine Interface concept makes controlling the BEUMER bag placer easy and intuitive. It can also automatically adjust to different valve bag formats.



Fig. 1: Capacity and efficiency of the BEUMER fillpac can be further increased with the BEUMER bag placer and the ream magazine.

BEUMER bag placer for valve bottom bagsThe drive unit and the gripping arm are driven automatically by servomotors, ensuring precise positioning and energy efficiency. The gripping system and the application unit apply the bag from the bag ream safely onto the filling spout. The drive technology used in combination with the electric coupling of both servo drives of the gripping arm and the application unit minimises the number of necessary mechanical components. The sophisticated kinematics also reduce the vibration of the

machine, increasing its service life significantly. An oil-free vacuum ejector ensures low-maintenance operation. And due to the fact that the gripping arm is supported on both sides, it keeps running very smoothly even at an output rate of 6,000 bags per hour.



Fig. 2: The gripping system and the application unit apply the bag from the bag ream safely onto the filling spout.

The operator can use this version for PP, PE and paper valve bottom bags. Bag lengths of 350 to 650 millimetres and bag widths of 230 and 550 millimetres are possible as well as valve widths of 80 to 160 millimetres. The new system can

handle 3,000 bags per hour, the high-capacity version up to 6,000 bags. The optional turntable is driven pneumatically with a swivelling range of up to 60 degrees or electrically with a range of up to 150 degrees. The modular design of the ream magazine can be adjusted to lengths from two to nine metres. The drive and end stop can be installed on either side. The ream magazine can be filled ergonomically even with varying heights of the filling spouts.



Fig. 3: The gripping arm is supported on both sides. This ensures smooth running even under load.

(Figure credits: BEUMER Group GmbH & Co. KG)

BEUMER bag placer for flat valve bags With the BEUMER bag placer for flat valve bags the operator can choose between two versions, depending on which side they prefer the placing unit. In order to considerably reduce its footprint, the bag placer can be set up at an angle of up to 60 degrees by using the optional turntable. The BEUMER bag placer for flat valve bags is used for woven PP and PE bags with lengths of 600 to 800 millimetres, widths of 400 to 550 millimetres and valve widths of 125 to 150 millimetres. Its capacity is up to 2,400 bags per hour. The patented opening system in the placing unit opens the bag valve. This ensures that the bags are correctly applied on the filling spouts and avoids standstill during the filling process. The BEUMER bag placer can be easily adjusted to different bag formats. *The **BEUMER Group** is an international leader in the manufacture of intralogistics systems for conveying, loading, palletising, packaging, sortation, and distribution. With 4,000 employees worldwide, the **BEUMER Group** has annual sales of about EUR 750 million. The **BEUMER Group** and its subsidiaries and sales agencies provide their customers with high-quality system solutions and an extensive customer support network around the globe and across a wide range of industries, including bulk materials and piece goods, food/non-food, construction, mail order, post, and airport baggage handling.*