

BVP / BVPV

AREAS OF APPLICATION

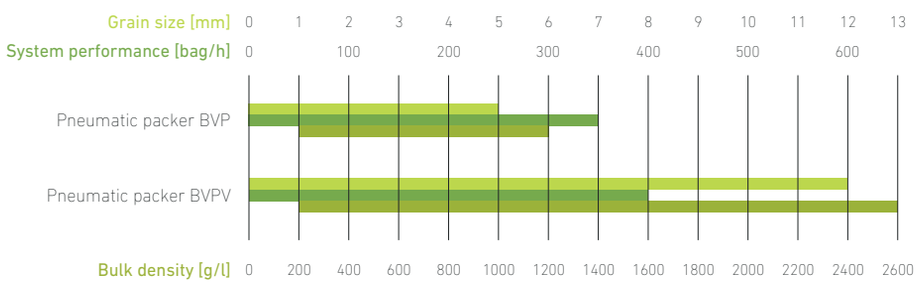
- **Packaging types:** Valve bags made of paper, PE, or PP fabric
- **Media:** Fine-grained products, powders, granulates, pellets, and product mixtures
- **Particle sizes:** From 30 µm to 5 mm (BVP) and from 50 µm to 12 mm (BVPV)
- **Industries:** Chemicals, petrochemicals, food, construction materials
- **Output:** Up to 250 bags/hour (up to 800 bags/hour with four-packer setup)

ACCESSORIES & EXPANSIONS

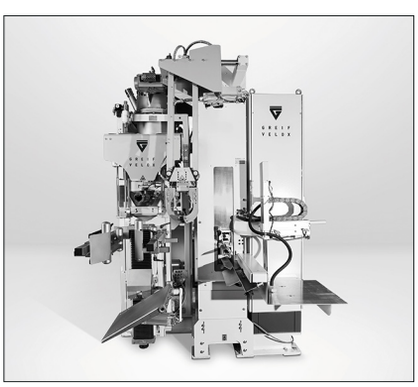
- Ultrasonic sealing system ValvoSeal
- Sensor system ValvoDetect
- Fully automatic air supply control
- Automatic bag placer ValvoMat
- Enclosed system VeloStar
- Mobile version on transport frame (ValvoMat S1)
- Inline packer: expandable up to four filling spouts
- Integration into full-line solutions including palletizing and load securing
- Optional for BVP: Flexible inlet

Maximum Filling Accuracy with Minimal Effort: The GREIF-VELOX BVP and BVPV

The BVP and BVPV gross pneumatic packers from GREIF-VELOX define a new benchmark in high-precision filling of fine-grained products, powders, granulates, pellets, and mixtures. With the optional FlexChair, which adjusts to the desired bag size, both machines enable flexible filling of weights between 4 and 40 kilograms (BVP 4.40/BVPV 4.40).



Thanks to specially developed dosing technology and a calibration-compliant weighing system, the machines not only meet but exceed the strict requirements of calibration law. The result: less product loss, consistently high dosing accuracy, and stable production performance. The modular system design also allows for easy scaling – for example, by adding additional filling spouts – offering flexible adaptation to increasing production demands. Depending on the system setup, outputs of up to 800 bags per hour can be achieved.



Pneumatic packer BVP with ValvoMat S1



Pneumatic packer BVPV

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BVP / BVPV

YOUR BENEFITS

- Significant reduction in product loss due to high filling accuracy
- Reliable quality through dosing precision exceeding legal tolerance limits in accordance with calibration regulations and OIML – even for small packages
- Reduced cleaning and changeover times thanks to hygienic design
- Maximum flexibility for frequent product changes with up to 250 stored product settings (machine parameters)
- Easy scalability due to modular design
- High performance – depending on system configuration, up to 800 bags per hour

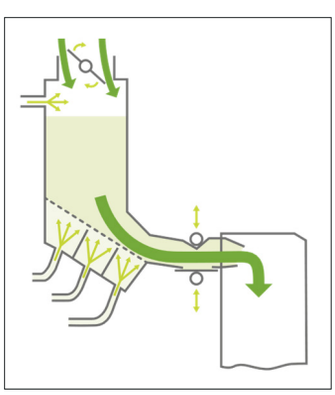
HYGIENIC DESIGN FOR ENHANCED PRODUCT SAFETY

The hygienic design, with product-contact components made of durable stainless steel and custom hopper geometries for the BVP and BVPV, significantly reduces cleaning and downtime. This also minimizes the risk of contamination – a key factor in product safety, especially in the food and chemical industries.



FUNCTIONALITY

In both the BVP and BVPV models, filling is performed via a controlled airflow, precisely adjusted to the product's flow properties, bulk density, and particle size. This ensures gentle and uniform filling. The integrated weighing system provides real-time, accurate weight control, even for smaller packages. Quick and efficient product changes are enabled by storing and retrieving product-specific machine parameters, allowing for flexible handling of various bulk materials.



Functionality of pneumatic BVP/V conveying

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BVP / BVPV

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BVP

BVPV

BVP: EASY CLEANING THANKS TO INNOVATIVE HOPPER GEOMETRY

Alongside its robust hygienic design with stainless steel in all product-contact areas, the BVP features an optimized residual emptying system. This ensures that even adhesive or poor-flowing products leave minimal residue in the hopper, reducing cleaning and changeover times by up to 80% compared to conventional systems. Wet cleaning is also easily possible. These features make the BVP ideal for demanding applications involving frequent product changes, strict hygiene requirements, and aroma-sensitive products.

BVPV: SEGREGATION-PROOF FILLING WITH INTELLIGENT HOPPER DESIGN

The BVPV is designed specifically for safely filling free-flowing and blend-sensitive powders. Its innovative hopper geometry prevents unintentional segregation, ensuring that different particle sizes remain homogeneously mixed rather than settling or separating as seen in traditional designs. An integrated vibration unit further supports the process by preventing bridging and enhancing flowability during filling. The result: consistently high product quality and reproducible fill quantities.

GREIF-VELOX BVP OR BVPV: WHICH PACKER SUITS YOUR NEEDS?

Feature	BVP	BVPV
Particle size	30 µm – 5 mm	50 µm – 12 mm
Product type	Fine, sticky	Coarse, free-flowing, mixable
Cleaning	Wet cleaning possible	Easy cleaning due to special hopper design
Anti-segregation	-	Vibration unit & special hopper
Ideal for	High hygiene, aroma sensitivity, frequent product changes	Standard applications and varied product mixes

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