

AREAS OF APPLICATION

- Ideal for ultrafine powders with low bulk density ranging from 10 to 350 g/l and high air retention capacity, as well as particle sizes under 200 µm
- Filling into paper valve bags
- Perfect for use in the chemical industry and other industries processing high-quality powders

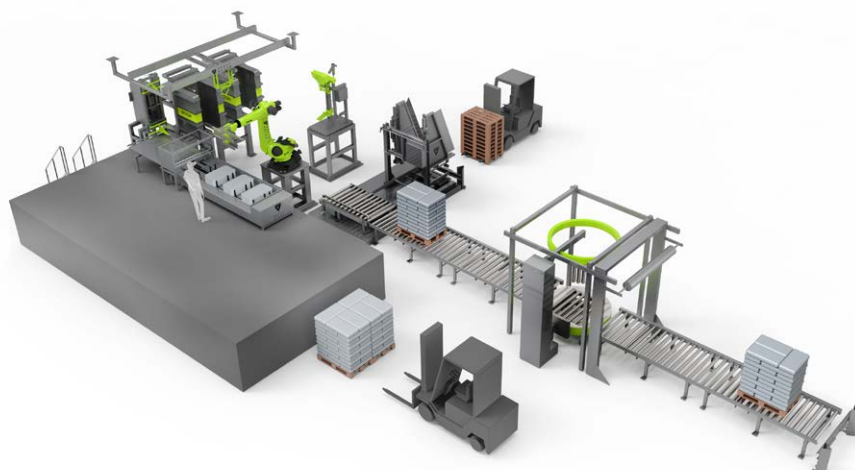
YOUR BENEFITS

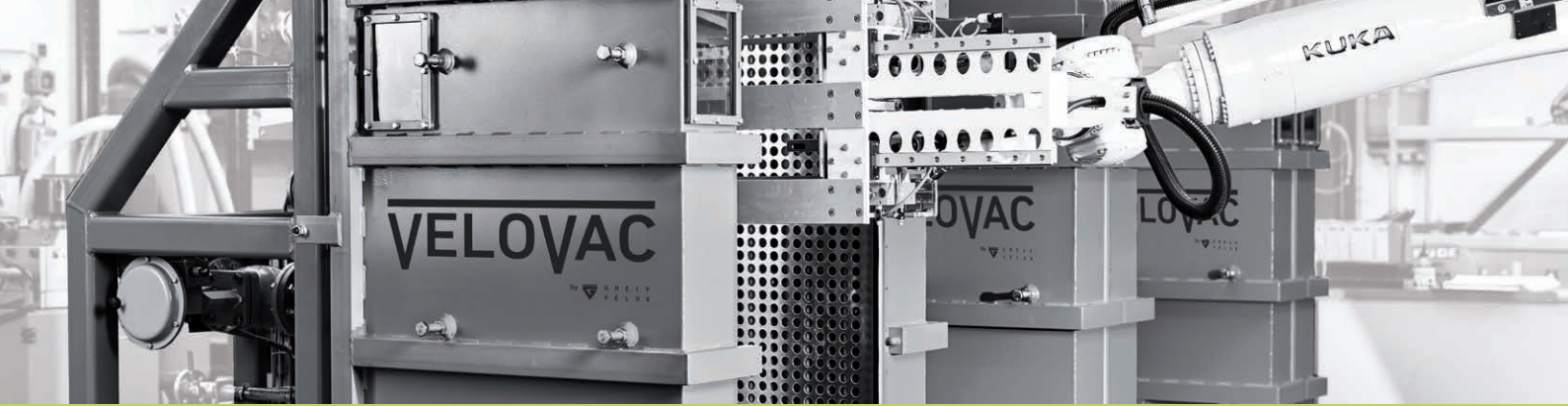
- High bagging performance: up to 100 bags/h per chamber
- Maximum product compacting without contamination
- No product loss – for optimal resource efficiency
- High work safety improves employee protection
- Significant reduction in storage and logistics costs
- Savings on packaging materials
- Lower CO₂ footprint during handling and transport

VELOVAC: REVOLUTIONARY IN CLEAN AND COMPACT PACKAGING OF ULTRALIGHT POWDERS

Greif-Velox's VeloVac is a groundbreaking solution that tackles the challenges of packaging ultralight powders such as carbon black, color pigments and silica. Our innovative technology eliminates the drawbacks of conventional systems, whilst ensuring a clean, efficient, and dust-free bagging process.

This innovative technology enables dust free bagging whilst ensuring pallets are clean and contamination free, resulting in considerable product savings, delivery security, as well as significant savings in bag and logistics costs.





EXTENSIONS FOR A FULLY INTEGRATED SOLUTION

Our Full-Line concept includes a variety of accessory and expansion options to further optimize and automate your bagging process.

- ValvoDetect
- ValvoCare
- ValvoSeal
- Valvomat
- Lifting and moving unit
- Conveying technology
- Palletizing
- Cover sheet and film applicator
- Labelling system
- Stretch Wrapper

DISCOVER HOW THE VELOVAC VACUUM PACKER CAN REVOLUTIONIZE YOUR PRODUCTION PROCESSES:

Scan the QR code or visit our website for more information.



INNOVATIVE SYSTEM FOR EFFICIENT AND DUST-FREE PACKAGING

The VeloVac technology enables efficient packaging, provides a healthy dust-free work environment and delivers significant cost saving. The bagging process takes place in a vacuum sealed chamber in which ultralight powders are safely and cleanly filled into valve bags.



ADVANCED WEIGHING SYSTEM AND ASPIRATION

Thanks to our advanced weighing system and precise process control, we ensure high filling accuracy with minimal product losses. Our patented nozzle aspiration PureVacSpout encloses the nozzle when the chamber is closed, ensures residue-free cleaning through suction that moves over the nozzle. The movable aspiration does not affect the filling or attaching process, ensuring that both bags and nozzles remain equally clean.

BIG SAVINGS

By compressing bags by up to 400%, our customers reduce their storage and logistics costs by up to 75%. Our dust-free technology also increases work safety and reduces cleaning costs, whilst clean pallets and transport security enhance customer satisfaction.



APPLICATION

- Containers: FIBCs
- Medium: Powders with low bulk density and high air retention capacity, e.g., Carbon Black, Silica
- Industries: Chemical

YOUR BENEFITS

- High bagging performance: 4-10 FIBCs/h
- No contaminations
- No product loss
- High occupational safety
- Reduced storage and logistics costs
- Savings on packaging material
- Reduced CO₂ footprint in handling and transport

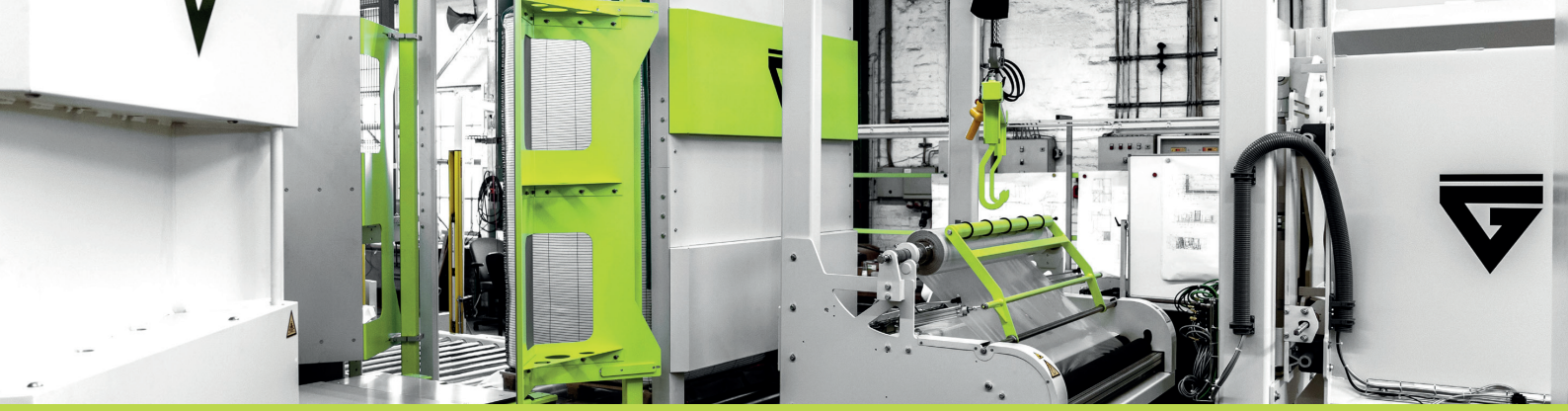
VeloVac XL: DUST-FREE BAGGING OF ULTRA-LIGHT POWDERS IN FIBCs

Dust-free, clean, and compact: The vacuum system VeloVac XL is a revolution in the bagging of low bulk density powders with high air retention capacity. Efficient and contamination-free, substances such as carbon black or highly dispersed silica are compacted up to 400% and filled into FIBCs („Big Bags“).

HOW IT WORKS

Powders with grain sizes of less than 200 micrometers and a bulk density of 10 to 450 grams per liter are filled in a completely sealed vacuum chamber where an atmospheric vacuum is created, sucking the product into the FIBC. Users do not lose any valuable product as any escaping dust is extracted and returned directly to the bagging process. With precise process control and a specially developed weighing system by Greif-Velox within the vacuum chamber, filling under vacuum is highly accurate.





ACCESSORIES & EXTENSIONS

- Full-line concept
- Lifting and moving unit
- Rolling system
- Labeling system
- ValvoDetect
- ValvoCare
- ValvoSeal
- Valvomat

DISCOVER HOW THE VeloVac XL VACUUM PACKER CAN REVOLUTIONIZE YOUR PRODUCTION PROCESSES:

Scan the QR code or visit our website for more information.



SIGNIFICANT SAVINGS

The VeloVac XL is high-performing: Depending on the setup of product feeding and product characteristics, four to ten FIBCs per hour can be filled – in all desired FIBC bag sizes with a filling weight of up to 500 kilograms. With bags compacted up to 400 percent, users save 75 percent on storage and logistics costs. The VeloVac XL is available in two different automation levels and can be integrated into a full-line concept.

