

R-DOS Essential

APPLICATIONS

- Products with low to high viscosity (1 to 1,500 mPas at filling temperature)
- Filling into canisters, drums, and IBCs
- Industries: Chemicals, petrochemicals, food

YOUR BENEFITS

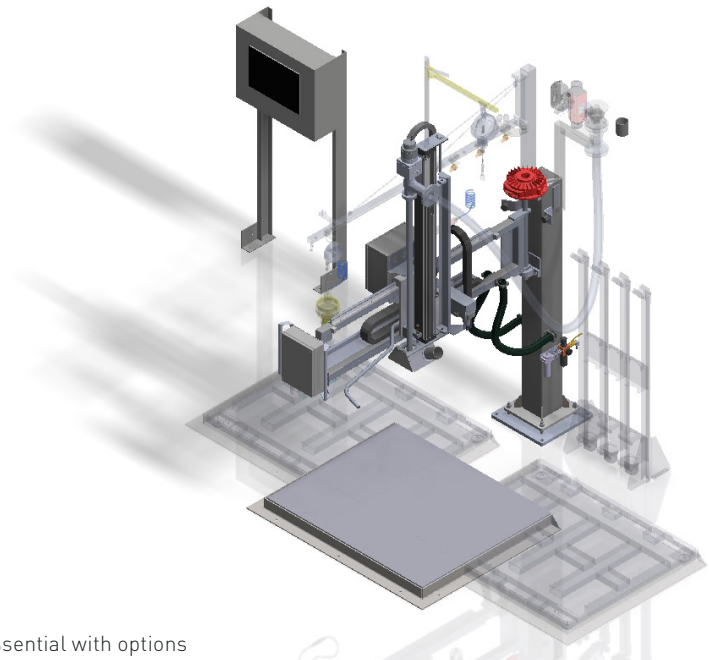
- Fast availability thanks to short delivery times
- Filling performance: Up to 42 200L drums/hour or 13 IBCs/ hour with a product supply of up to 24 m³/h, depending on operator speed
- Easy operation: Intuitive handling and quick commissioning
- Cost-efficient: Low CAPEX and OPEX costs
- Flexible & versatile: "Plug & Fill" solution for various container types
- Long service life: Minimized wear due to high-quality materials and precise workmanship
- Suitable for filling explosive substances in ATEX Zone 0/1

R-DOS Essential: EFFICIENT, SIMPLE, AND COST-EFFECTIVE FILLING

The GREIF-VELOX R-DOS Essential is a semi-automatic filling system for canisters, drums, and IBCs, offering a robust design and cost-efficient solution. Designed for rapid availability, it enables easy operation and high flexibility when filling a wide range of liquids.

FUNCTIONALITY

Thanks to the sub-surface filling unit with manually adjustable valve lift speed, various liquids can be filled with precision.
A mechanical tilting drip catcher in the extraction hood ensures clean filling of products with viscosities of up to 1,500 mPas, while the manually adjustable base height allows adaptation to different container sizes. Operation is conveniently managed via a control panel, ensuring safe and intuitive handling. The entire system, including operation and control, can be installed in ATEX Zone 2.



R-Dos Essential with options



EXTENSIONS

- Design for explosion protection requirements
- Product supply mounted on a stand column (pilot ball valve, product hose)
- Valve parking stand for efficient handling
- Screwdriver on a swivel arm, optionally with clincher
- Optional second scale

LEARN MORE:

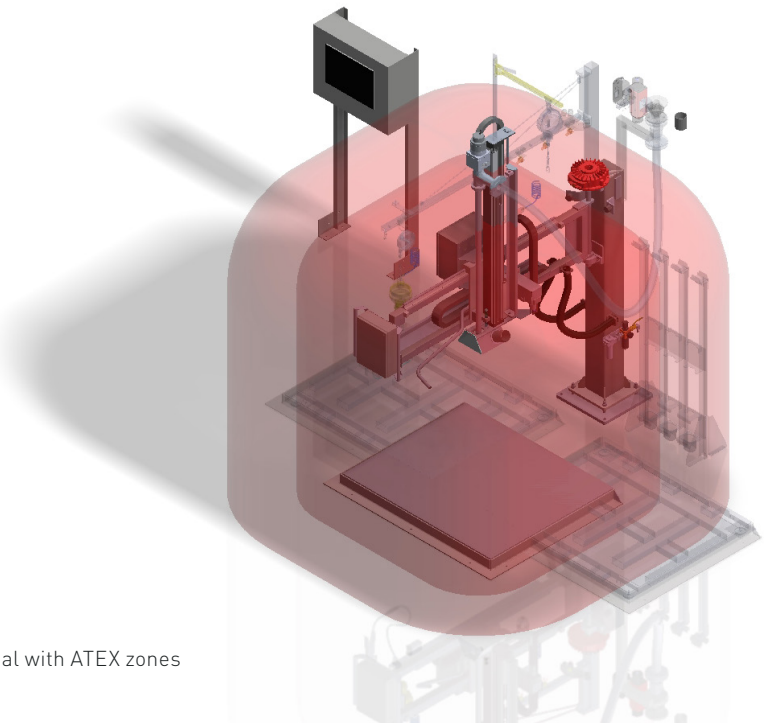
Scan the QR code or visit our website for further information.

MAXIMUM PRECISION, EFFICIENCY, AND OPERATIONAL SAFETY

To ensure optimal adaptation to various filling requirements, different dosing valves are available for canisters, drums, or IBCs. Additionally, the system can be equipped with a floor scale, a pit scale, or a U-scale to ensure precise weight measurement during the filling process. The robust, low-maintenance design, made of high-quality stainless steel (1.4301) and product-contacting parts (1.4571) with PTFE seals, guarantees durability and reliability. For seamless commissioning, GREIF-VELOX offers service, installation, and initial calibration from a single source—ensuring maximum efficiency and operational safety.

AVAILABLE OPTIONS:

- Dosing valve for canisters, drums, or IBCs
- Floor scale or pit scale (each W x D: 1,250 x 1,500 mm) or U-scale (W x D: 1,500 x 1,450 mm)
- Weighing range: 25 – 600 / 1,500 kg



R-Dos Essential with ATEX zones