

Drum and Pail Filling Unit FHA

The **Drum and Pail Filling Unit FHA** is designed for the **filling of medium up to high viscous products**. Due to the **gas tight construction** the system is especially suited for reactive sealants and adhesives. The unit is fed directly by the mixer or the buffer press.



Characteristics

- Designed for the filling of 200 l standard drums or pails
- Automatic PLC controlled filling process
- The container is lifted to the filling position with a 2-hand operation
- Automatic switching from the full to the empty container
- Easy operation
- The filling time per drum is 3 to 8 minutes, depending on the viscosity of the product
- Available as single or tandem filling unit
- High accuracy of the filled quantity

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Design

- Holding clamps for drum inliner
- Adjustable pneumatic counter pressure
- Stroke measurement system for the volumetric filling and exact position determination
- Separate operating unit for each filling station
- Safety elements are supervised by a PLC control system
- A pressure tank ensures the filling of a started container in case of a loss of air pressure

Options

- Follower plate with vacuum connection for holding the protection foil
- PLC control system
- Integration in an existing control system
- Connection for product sampling
- Vacuum pump
- Filling of other containers
- Movable roller conveyor for an easy container handling
- Unit on four wheels for mobile use
- Full product piping system

System solution

The **Drum and Pail Filling Unit FHA** may be extended with additional components for a further automation of the mixing process and to ensure an efficient production up to the filling.

- Vacuum Mixer VMH / VMV and Vertical Vacuum Mixer Phoenix VMP
- Large Capacity Vacuum Mixer VGM
- Buffer Press HPP / VPP

Furthermore **fitech ag** provides engineering, planning and manufacturing of complete production plants.



Single drum filling system with hydraulic filter screen change system