

Large Capacity Vacuum Mixer VGM

The **Large Capacity Vacuum Mixer VGM** is suited to combine several small batches into one large batch and allows the **homogenization of pasty and thixotropic products** with a high sagging and sliding resistance. The mixer is also ideal for the **adjustments of the required viscosity, color and other properties** after an aging process.



Characteristics

- **Closed system**
- An integrated discharge system allows an almost complete discharge even with high viscous products
- **Bubble and cavity free** discharge under vacuum
- **Gentle mixing** with minimal energy requirement
- Optimized adjustment of the product after the aging process
- Ensures a stable product quality with drastically reduced laboratory expenses compared to single batches
- Minimal loss of vacuum if the pump is switched off

Design

- Product specific mixing tools
- The sturdy construction of the mixer as well as the electric drive unit ensures a high durability of the equipment and minimal maintenance cost
- Equipped with segmented heating and cooling jacket
- The drive unit is adjusted to the products being processed
- Integrated re-circulation pipe

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Technical data

Material

- Stainless steel, mild steel

Content

- 8'000 to 28'000 l

Options

- PLC control with graphic panel
- Filling and conveying systems
- Vacuum system
- Pipeline construction
- Operating and maintenance platform

System solution

The **Large Capacity Vacuum Mixer VGM** 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
- Buffer Press HPP / VPP
- Drum and Pail Filling Unit FHA

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

