

## Vacuum Mixer Phoenix VMP

The Vertical Vacuum Mixer Phoenix VMP is designed for the efficient mixing of low up to high viscous sealants and adhesives as PU, silicones, hybrides and plastisols as well as coating compounds, paints and varnishes. The flexible mixer is suited for reactive and moisture sensitive products.



### Characteristics

- Mixing tool can be extracted from the product under vacuum
- Optimized mixing process also at variable batch sizes
- Oscillation stroke can be adjusted to the filling level
- Mixing tools are designed to achieve short mixing cycles
- Precise temperature control during the mixing process
- Gentle mixing with low energy
- Easy and fast cleaning
- Catalyst adding can be done directly during the mixing process
- Changing pot system customizable to existing vessels

### Design

- Large useful area on the mixing cover to place the product connections
- The beam mixing tool can be equipped with dispersing teeth and paddles for an optimized material feeding
- Compact water-cooled high performance electric gear motor as main drive
- Wall scrapers guarantee an efficient heat exchange between product and vessel
- Optimal distribution of forces due to the central position of the main drive above the mixing tool
- Revolution speed, height of stroke und stroke speed of the mixing tool are continuously adjustable

# Vacuum Mixer Phoenix VMP

## Technical Data

- Operation volume 300-1200 l
- Rotational speed\* 20-200 rpm
- Torque\* max. 5900 Nm
- Drive power\* max. 90kW

\*depends on the product

## Options

- Vacuum system with dry filter
- Integration in a superordinated control system with data trend registration and recipe management
- Mixing tool adaptable to specific products
- Customer specific positioning of the product connections and flanges

## System solution

The Vertical Vacuum Mixer Phoenix VMP may be extended with additional components for a further auto-mation of the mixing process and to ensure an efficient production up to the filling.

- Vacuum Mixing Dryer VT and Cooler VK
- Discharge Unit AS
- Drum and Pail Filling Unit FHA

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



Mixer cover with connection flanges



Compact electric gear drive



Hydraulic lifting system