

# Datasheet

# Vertical Mixer



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## General

The vertical conveyor is especially designed for efficient blending of raw material. The working principle; the product is conveyed from the bottom of the trough to the top where it falls by gravity. This sequence is repeated several times until a blend is obtained. The screw shaft is equipped with a scraper at the bottom to prevent product build-up. The mixer is equipped with a bolted cover to allow the pipe screw conveyor to be removed.

The bolted cover also has one inspection hatch. The main bearing of the mixer shaft is heavy, dust thrust bearings. The mixer is equipped with one pneumatic operated outlet-slide. The screw conveyor is powered by a sturdy shaft-mounted geared motor.

The vertical mixers are used to mix different raw materials or powdered finished products which are difficult to transport, such as animal meal, fish meal, etc.

The vertical mixer has a positive influence when used in:

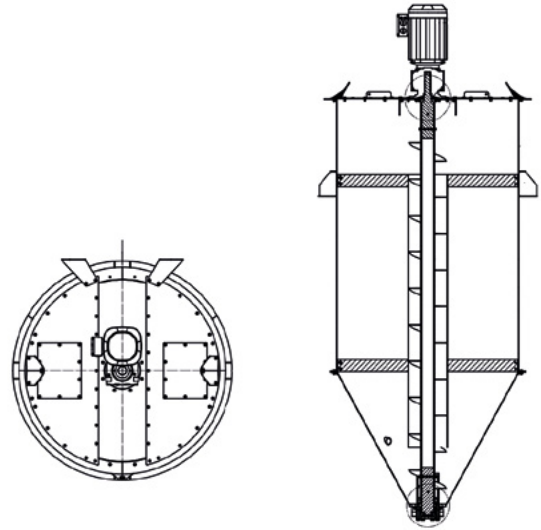
- Upstream of hammer mill installations
- Upstream of pelleting and extruder lines

## Features

- Outlet in base equipped with pneumatic slide
- Heavy-duty, vertical mixing shaft bearing
- Driven by direct-coupled motor reducer

## Options

- Stainless steel execution
- Atex 22 certified components



Type	Volume (US)	Diameter A (Inches)	Trough thickness (Inches)	Cover thickness (Inches)	Motor output (Hp)
VM500	133	40	1	1	10
VM1000	264	40	1	1	10
VM2000	530	60	1	1	15
VM4000	1057	60	1	1	15
VM6000	1586	79	1	1	15
VM8000	2114	79	1	1	25
VM10.000	2642	79	1	1	30
VM12.000	3171	79	1	1	40