

Vertical Powder Mixer (VPM)

Complete Hygienic Construction

No Dead Zone

Works Perfectly with Part Capacities of 20% of The Rated Capacity

Complete Product Discharge

CIP Compatible

Applications

- SAT Vertical Powder Mixers (VPM) are suitable for processing of dry / moist solids with possibilities for adding flavour / liquids to meet the most demanding tasks for products of the most varied density, granulation and consistency in large production facilities

Advantages

- High speed choppers to avoid agglomeration of mixed product
- No housing / bearing components inside mixing chamber to ensure full hygienic construction
- 100% product discharge
- Vacuum version available



Solutions For :

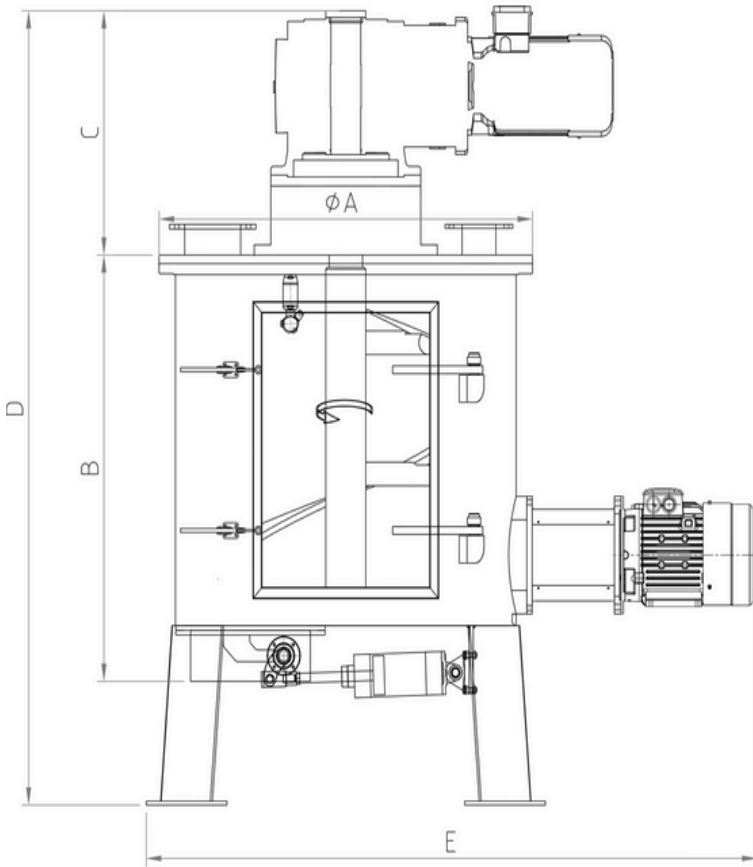
- Food & Beverages
- FMCG
- Pharmaceutical
- Petrochemicals
- Chemicals & Specialty Chemical
- Foundries
- Ceramics
- Paints & Pigments and many more

Design :

The product to be mixed is supplied through a feed inlet into the mixer. This product can come through Gravity Feed System or a Pneumatic Conveying System

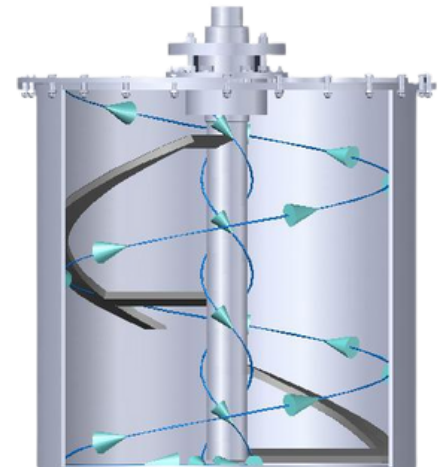
The product is distributed by the intensively working mixing tool. The mixing spiral carries the mixing product to the outside and on the wall upwards and from there the mixing product glides down again to the bottom in the center where it is mixed again horizontally and vertically by the distributing and mixing arms.

Drawing & Dimension Table :



Size	A	B	C	D	E
100	720	905	440	1520	970
150	750	850	420	1900	1320
300	890	1090	450	1800	1100
500	1210	1100	500	2050	1825
750	1250	1270	550	2270	1650
1000	1200	1645	550	2695	1650
1500	1350	1850	600	2950	1800
2000	1500	1925	700	3125	2400
2500	1550	2250	750	3500	2450
3000	1750	2280	750	3530	2650
4000	1850	2450	780	3730	2750
5000	2000	2600	850	3950	2900

Note : Higher sizes available on request



Product Flow

Technical Data :

- Material of Construction in SS 304 / SS 316 / Mild Steel
- Interior surface - Matt / Mirror finish
- Outside surface - Glass bead blast / Matt / Mirror finish
- Pneumatic flush bottom valve for product discharge
- Access door with safety switches, completely flush on inside

Optional Accessories :

- Sampling cover
- Sight glass with illumination
- Additional inspection door
- Heating & cooling jacket
- High speed choppers
- Liquid injection systems
- CIP
- Integrated weighing systems
- Various automation sensors
- Frames and platforms
- Frequency control
- Electrical and automation panel

Other Products :

