

Vertical Centrifuges



Oriental Vertical Centrifuges provide the features for cost effective, high output and minimum maintenance for your solid/liquid separation need. Effective dewatering with high filtration rates and option to atomize the process, makes Oriental centrifuges the first choice for the industry. The effective washing arrangement increases the quality of finished product. Oriental Centrifuges can be used in wide spectrum of application, ranging from bulk chemicals, agricultural and petro chemical industries. These are German Designed Machines.

Our Vertical Centrifuges are vertical basket type centrifuges (batch type centrifuge) and can be operated automatically.

- Separate suspension with solid particles as small as 5 microns
- Process suspension with solid content upto 50%
- Effective washing of solids
- Minimize damage to solid particles
- Achieve lower residual moisture
- Guaranteed higher product purity
- Produce near solid free filtrates
- Can be integrated in solid – liquid separation lines using pneumatic discharge systems
- Can be used in the manufacture of sterile products as well.

General Features for All machines

- Flexibility
- Intensive washing of solids
- Result oriented control
- Removal of residual heel cake
- Rinsing equipment for process room
- Optimized discharge system
- cGMP Compliance
- Fully automatic model available thru HMI and PLC
- 4 point viscous damper mounts
- Hydraulic/pneumatic and manual lid opening Model available
- Variable speed drive with dynamic braking
- Zero speed interlocks
- Feed sensors
- Hydraulic and manual scrapper
- Mounting trolley for lab models
- Bag lifting device can be made available in hydraulic and pneumatic versions
- Vibration trip device available
- Nitrogen blanketing
- Clean in place (CIP)
- Cake thickness Sensor

Material of construction: Carbon Steels, Stainless Steels (Austenitic), various other metals like Bronze, Hastalloy, Titanium..... Various Coating (i.e. rubber lining, Halar lining, antistatic Halar lining, PFA lining, PTFE lining, PVDF lining etc.)