

Double-Cone Blender

The Double-cone shape blenders have two long corner of product container for more rubbing and tumbler effect to the material for fast and homogenizing mixing. It can perform homogenously dry mixing of free flowing powders, granules requiring low shearing force, Mixing and Blending of parctiles with rapid intermixing of particles irrespective of varying specific gravities with the help of Baffles.



Application:

Double cone Blenders are used for mixing, lubricating and blending in Pharmaceutical, Nutraceutical, Food, Chemical, cosmetics, ceramics, pesticide, plastics and other Allied industries

Salient Features :

- All Product contact parts of AISI 316 & Non contact parts of AISI 304.
- Double Cone shaped product container is for Ideal dry mixer & lubrication of granules for homogenization mixing of multiple batches in to single batch.
- Available Capacities are 25 kg to 2500 kg batch size.
- Enclosed rigid drive with reduction gear box and motor.
- Product container having discharge with butterfly valve and a man hole.
- Fixed & removable baffles provided for lumps braking.

Optional Features :

- Charging through conveyors
- Loading & Unloading of Product container with jacking trolley.
- Vacuum conveying system.

- Bin loading by hydraulic hoist.
- Rotary Intensifier with AC variable drive.
- AC Frequency variable drive for product container.
- Flame proof motor and Push Button station.

Technical Specifications :

Model	Working Volume (Liters)	Gross Volume (Liters)	Discharge Height	Charge Opening	Electrical Power	Overall Dimensions (L) x (W) x (H) mm
JDI/DCB-100	200	300	450	200	2 HP	1750 x 850 x 1900
JDI/DCB-200	400	600	450	200	2 HP	2050 x 1100 x 2050
JDI/DCB-400	800	1200	600	300	3 HP	2350 x 1600 x 2350
JDI/DCB-500	1000	1500	800	350	3 HP	2450 x 1800 x 2300
JDI/DCB-750	1400	2100	800	350/400	5 HP	3000 x 2100 x 2700
JDI/DCB-1000	2000	3000	800	450/500	7.5 HP	3400 x 2100 x 2500