



Double Cone Blender



Description:

Double Cone Blender: Capacity: 10 kg, 25 kgs, 50 kgs, 100 kgs, 200 kgs, 300 kgs, 500 kgs.

Operation:

The Double Cone Blender is an efficient and versatile machine for mixing dry powder and granules homogeneously. Two third of the volume of the Cone Blender is filled to ensure proper mixing. It can be used for Pharmaceutical, Food, Chemical and Cosmetic products etc.

Salient Features:

- The conical shape of both ends enables uniform mixing and easy discharge.
- All contact parts are made out of SS316/ S.S. 304 quality material.
- Maximum care has been taken to ensure safe operation of the unit.
- Manual rotating facility with hand wheel for inching. The same will be provided with ss cover & limit switch.
- (In 200 Kgs. & above model)
- Two nos. of safety road will be provided at back side. (One LH side & one RH side)
- Suitable size of butterfly valve at one end of the cone provided for material discharge & hole with open able cover provided at other end of the cone for material charging & cleaning.
- One shaft with 04 nos. of fixed buffers with mirror polished provided inside the cone.
- Cone will be mirror polished from the inside & outside & structure will be matt polished.
- All moving parts covered with SS304 covers.
- Safety guards made from SS304 pipes provided in front of the m/c with limit switch.

- Panel fabricated from SS304 material with facility of three phase indication, D.O.L. tarter, digital timer & Amp. Meter.
- As per customer requirement machine will be provided with left side drive or with right side drive.
- The conical shape at both ends enables uniform mixing and easy discharge.
- All contact parts are made out of SS304/316(as per customer requirement) quality material.
- Maximum care has been taken to ensure safe operation of the unit.
- Worm reduction gear use for speed reduction.
- Food grade rubber gasket will be used on both ends of cone as well as in butterfly valve.
- Inside & outside of the cone will be polished to the mirror finished.
- General structure made out of SS304 and Polished to the matt / mirror finish (as required by you) in GMP Model.
- All safety guards & covers made out of SS304 in GMP Model.
- Hand wheel will be provided for manual tilting of cone.
- Safety guards provided with limit switch to not start the machine when safety guards are not in proper position.

Technical Specifications:

Capacity / Kg	10	25	50	100	150	200	250	300
Gross Vol	35	80	150	300	450	600	800	900
Volume/Ltrs	10	50	100	200	300	400	500	600
Motor Hp	0.5	1	2	3	5	5	7.5	7.5
Gear Box	1.75"	1.75"	2"	3"	4"	4"	5"	5"
Butterfly Valve	NA	NA	NA	200	200	250	250	250
Safety Guard	NA	NA	YES	YES	Yes	YES	YES	YES
Discharge Ht	300	300	450	450	450	450	450	450

Note: *Dimensions & Technical Details are subject to change as per customers' requirement without any further notice*