

## Double Cone Blender

The Double Cone Blender is an efficient and versatile machine for mixing dry powder and granules homogeneously. All the contact parts are made of stainless steel. The effective volume for optimum homogeneity is between 35-70% of gross volume. The SLANT double cone design eliminates dead spots, which occasionally occur in conventional double cone mixer. It can be used for pharmaceutical, food, chemical and cosmetic products etc.



### APPLICATION

- Dry powder mixing for tablets and capsule formulations
- Dry granules sub lots mixing to increase the batch size at bulk lubrication stage of tablet granules.

### FEATURES

- The conical shape at both ends enable uniform mixing and easy discharge
- The cone is statically balanced to avoid any excessive load on the gear box and motor
- While the powder can be loaded into the cone through a wider opening, it can be discharged through a butterfly or slide valve
- Depending upon the product, paddle-type baffles can be provided on the shaft for better mixing inside the cone.
- The contact parts are made of either SS 316
- Fame proof motor can be supplied as optional
- Capacity available 20lts. 3000 Liters
- The working capacity can be exchanged to 80% of gross capacity by validated study depending on the product.
- 'Slant' designed (Off centre Double Cone Blender is also available.)

### TECHNICAL SPECIFICATION

MODEL	GROSS CAP.	WORKING CAP.	RPM	HP
DCB-20	30	20	20	2
DCB-100	150	100	20	3
DCB-200	300	200	20	5
DCB-350	500	350	20	7.5
DCB-750	1000	750	20	10
DCB-1000	1500	1000	20	15
DCB-1400	2000	1400	20	15
DCB-1750	2500	1750	20	20
DCB-2100	3000	2100	20	20
DCB-2800	4000	2800	20	25

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