

DOUBLE CONE BLENDER

Mechanised transfer system
with dust containment



CE

TAPASYA

Double Cone Blender is an efficient and versatile machine for mixing of dry powders 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, cosmetic products etc.



SALIENT FEATURES

- The conical shape at both ends enables uniform mixing and easy discharge
- The cone is statically balanced which protects the gear box and motor from any excessive load
- Powder is loaded into the cone through a wide opening and discharged through a butterfly or a Slide valve.
- Depending upon the characteristic of the product, paddle-type baffles can be provided on the shaft for better mixing, uniform blending and de-agglomeration
- Contact parts are made of S.S.304 or S.S.316
- Flame proof electricals can be provided as optional
- (The working capacity can be exchanged to 70% of gross capacity by validated study)
- 'Slant' design (off centre) CLIN CONE BLENDER
- Variable speed option available 70 %~
- Dust free bin charging system ensures minimum material handling
- Capacity available 20 L to 3000 L



DOUBLE CONE BLENDER

Mechanised transfer system
with dust containment

APPLICATIONS

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

TECHNICAL SPECIFICATION

Model	Gross Cap in Litres	Working Cap in Litres	Overall Dimension L x W x H	RPM	HP
SAI-DC-1	30	20	1200 x 950 x 1650	20	2
SAI-DC-2	150	100	2000 x 1200x 2250	20	3
SAI-DC-3	300	200	2100 x 1400 x 2350	20	5
SAI-DC-4	500	350	2350 x 1500 x 2500	20	5
SAI-DC-5	1000	750	2700 x 1800 x 3000	20	5
SAI-DC-6	1500	1000	3000 x 2200 x 3400	20	7.5
SAI-DC-7	2000	1400	3250 x 2400 x 3550	20	10
SAI-DC-8	2500	1750	3400 x 2600 x 3700	20	15
SAI-DC-9	3000	2100	3600 x 2750 x 3850	20	15
SAI-DC-10	4000	2800	4200 x 3000 x 4500	20	20



Specification and technical data are subject to change without prior notice



Manufactured & Exported By:

Tapasya Engineering Works Pvt. Ltd.

A/212, Road No.30, Wagle Industrial Estate, Thane (W) – 400 604. India

Tel.: +91 - 22- 6157 9400 / 2582 2287 • Fax : +91 - 22- 2582 5243

E-mail: sales@tapasyaindia.net • info@tapasyaindia.net • Web : www.tapasyaindia.net

Our Representatives in USA:

Thomas Engineering Inc.

575 West Central Road, Hoffman Estates, IL 60192

phone : 847-358-5800 • facsimile : 847-358-5817 • toll free : 800-634-9910