

DOUBBLE CONE BLENDER



Siddhi Pharma Equipment

Mfg.& Exp. Of Plants & Machineries for Pharmaceuticals,
Cosmetics, Chemicals food & Beverage Industries

Plot No. 1601/1,3rd Phase G.I.D.C., Vapi-396195. (Gujarat)

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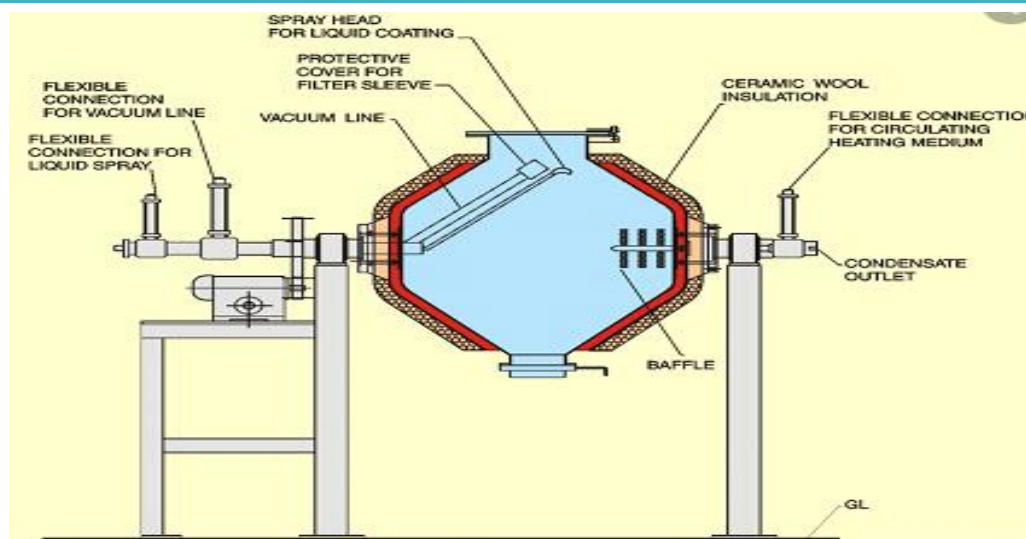
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Double Cone Blender :

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

The Double shape blenders have long two 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 particles with rapid intermixing of particles irrespective of varying specific gravities. The material is loaded into the double cone blender drum. The double blender is tumbles the material in the container and spread out. The mixing is achieved in 5 to 15 minutes with better homogeneity.



Silent Features :

- Design is cGMP – Current Good Manufacturing Practices compliance
- All Product contact parts AISI 316 & non contact parts AISI 304.
- Double Cone shape product container for Ideal dry mixer for lubrication of granules and homogenization mixing of multiple batches in to single batch.
- Enclosed rigid drive with reduction gear box and motor.
- Product container having discharge with butterfly valve and man hole.
- Charging hole with hinged lid with seal for charging and cleaning.
- The product container rotates on speed 8 RPM.
- Safety reeling provided for rotating area of product container.
- Fixed baffles provided for lumps braking.
- Electric controls panel with cycle time.

Advantageous \ Benefits :

- It is efficient for mixing powders of different densities.
- Material is loaded and emptying is done through same port.
- Mixing occurs due to tumbling motion
- The rate of rotation should be optimum depending upon the size, shape of the tumbler and nature of the material to be mixed.

Technical Specification :

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

Single Source Provider for all your technical requirements.

One of the most important “Siddhi Pharma Equipment” guideline is to be closest to our Customers. We strive to create end-to-end solutions that meet our clients needs and their expectation.

Application :

- Pharmaceutical
- Food
- Chemical
- Cosmetics
- Allied Industry