

POWDER BLENDERS





POWDER BLENDERS

Shree Engineering Service is an engineering company active in providing service to wide range of industry verticals. Our expertise includes design, engineering, manufacturing and supply of different types of powder Blenders like Ribbon Blender, Double Cone Blender, V Shape Blenders, Octagonal Blender, BIN Blender (Conta Blender etc...., Which are being used in Pharmaceuticals, Chemicals, Food & beverages, Cosmetic product manufacturing industries and Specialty Chemical manufacturing Industries.

POWDER BLENDERS

SALIENT FEATURES

- vGMP Model equipment with Stainless Steel 316 Grade contact parts
- vRigid and sturdy design with highest operational efficiency.
- vVariable Frequency Drive for smooth operation and soft start of equipment.
- vAll product contact parts are polished to mirror finish.
- vAll non-contact parts are made of Stainless Steel 304 grade material.
- vHeavy parts and structure shall be of mild steel, fully covered with Stainless Steel 304 grade material.
- vUnit complete with flame proof electrical and control panel.
- vCapacities ranging from small 1 kg laboratory blender to large 10 MT capacity.

OPTIONAL

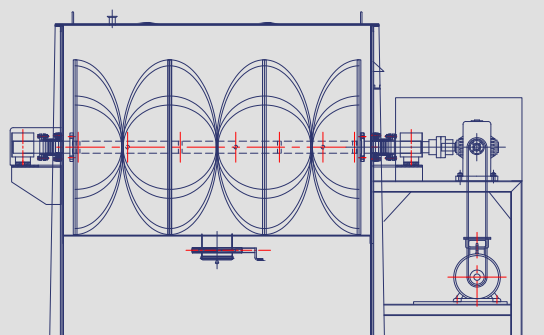
- vStainless Steel 316 L, Stainless Steel 304 L or any specific MOC for Contact Parts.
- vFlame proof construction
- vZero positioning with break motor & proxy switch
- vPLC Panel with option for 21 CFR Part 11 compliance.
- vLoad cell mounting for perfect batch weighing.
- vVacuum Based powder Charging arrangement.
- vCharging and discharging through screw conveyor Tailor made design

RIBBON BLENDER

Ribbon Blender have multiple application for powder blending in Pharmaceuticals, Food & beverages, Cosmetics, Chemical, Agrochemical, Plastic and other powder processing industries. In well designed and fabricated Ribbon Blenders, helical pattern ribbons move within close tolerance with U shaped trough, produce balanced bidirectional movement of materials being blended. Available in small laboratory batch size 2.0 Kg to large production capacity of 10000 kg batch capacity. Higher capacity models are also available on demand.



MODEL	CAP. IN KG/BATCH	MOTOR HP	L	W	H
SES-RB-25	25	1.5 HP	1500	450	900
SES-RB-50	50	2.0 HP	1600	500	1000
SES-RB-100	100	3.0 HP	1900	600	1100
SES-RB-250	250	5.0 HP	2500	850	1400
SES-RB-500	500	7.5 HP	3000	1000	1625
SES-RB-1000	1000	15.0 HP	3750	1250	1925
SES-RB-2000	2000	20.0 HP	4000	1500	2200
SES-RB-3000	3000	30.0 HP	4500	1650	2500
SES-RB-5000	5000	40.0 HP	5100	2000	3000
SES-RB-10000	10000	60.0 HP	6600	2500	3400



DOUBLE CONE BLENDER

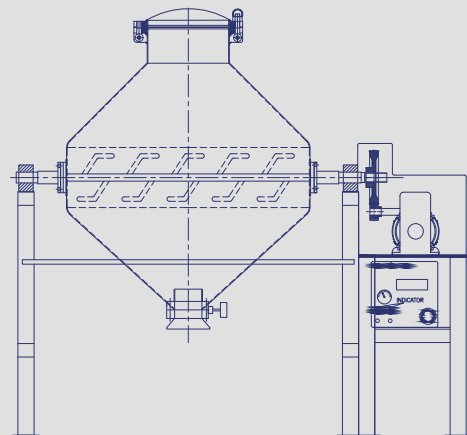
Double Cone Blenders are most suitable for dry Blending of Free-Flowing powders. Materials being blended are constantly intermixed, during rotation of Double Conical shaped Blender container.

Available in small laboratory batch size 2.0 Kg to large production capacity of 5000 kg. Higher capacity models are also available on demand.

Stainless Steel 316 grade contact parts & cGMP design equipment available with different options for Automation.



MODEL	CAP. IN KG/BATCH	MOTOR HP	L	W	H
SES-DCB-25	25	1.5 HP	1250	850	1200
SES-DC50	50	2.0 HP	1600	1100	1600
SES-DCB100	100	3.0 HP	1900	1200	1750
SES-DCB250	250	5.0 HP	2500	1500	2000
SES-DCB500	500	7.5 HP	3000	1800	2250
SES-DCB1000	1000	15.0 HP	3750	2500	3000
SES-DCB1500	1500	20.0 HP	4100	2750	3300
SES-DCB-2000	2000	30.0 HP	4500	3250	4000

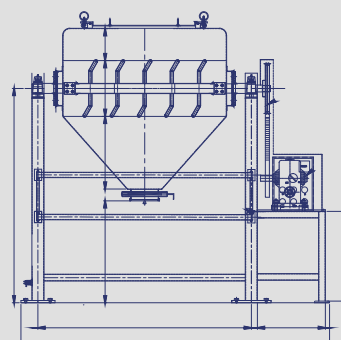


OCTAGONAL BLENDER

Octagonal Blender is most efficient and suitable Blender for Homogeneous Mixing and Lubrication of Dry granules, in Solid Dosage Production Line. Due to Octagonal Shape and Slow speed Blending, it is ideally suitable for Granular and crystalline products. Available in small R&D scale 5.0 Kg to large commercial scale 10000 Kg / Batch. Different material charging options can be provided. Stainless Steel 316 Grade contact parts and cGMP design equipment available with different automation options. Equipment with PLC panel and 21CFR Part 11 compliance can be provided.

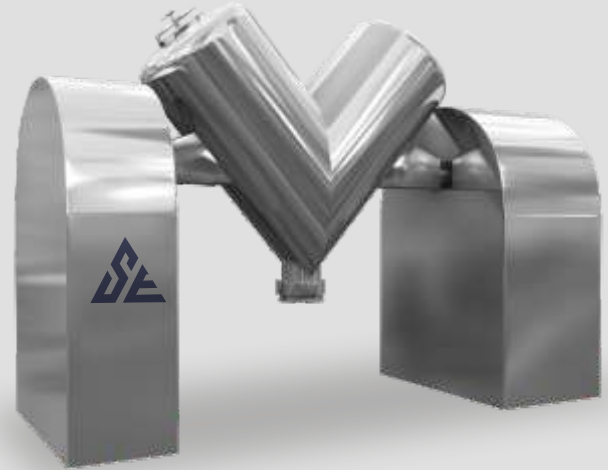


MODEL	CAP. IN KG/BATCH	MOTOR HP	L	W	H
SES-OCB-25	25	1.0 HP	1500	1000	1250
SES-OCB-50	50	1.5 HP	1750	1100	1300
SES-OCB-100	100	2.0 HP	2000	1250	1400
SES-OCB-250	250	3.0 HP	2500	1400	1800
SES-OCB-500	500	7.5 HP	2900	1750	2250
SES-OCB-1000	1000	10.0 HP	3250	2250	2800
SES-OCB-1500	1500	15.0 HP	3800	2800	3250
SES-OCB-2000	2000	20.0 HP	4200	3200	3600
SES-OCB-3000	3000	25.0 HP	5000	3800	4500
SES-OCB-5000	5000	40.0 HP	5600	4250	5100
SES-OCB-10000	10000	50.0 HP	6500	5000	6000

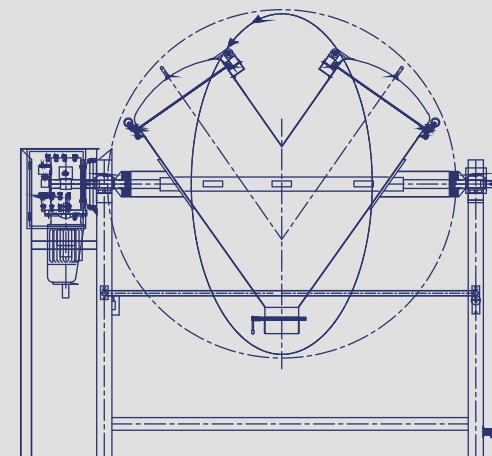


V BLENDER

V BLENDER V Blenders are ideally suitable for dry blending of free-flowing solids. Solids with different density and in different quantity, can be effectively blended in V Blender. Materials being blended are constantly being split and intermixed, V shape container are constantly rotating. Available in small laboratory batch size 2.0 Kg to large production capacity of 2500 Ltr. Higher capacity models are also available on demand. Intensifier bar for deagglomeration, can be provided on demand.



MODEL	CAP. IN KG/BATCH	MOTOR HP	L	W	H
SES-VB-25	25	1.5 HP	1500	1200	1500
SES-VB-50	50	1.5 HP	1750	1350	1750
SES-VB-100	100	2.0 HP	2000	1500	2250
SES-VB-250	250	5.0 HP	2750	1750	2400
SES-VB-500	500	10.0 HP	3300	2100	2600
SES-VB-1000	1000	15 HP	4000	3000	3600
SES-VB-1500	1500	20.0 HP	5000	3500	4500



BIN BLENDER (CONTA BLENDER)

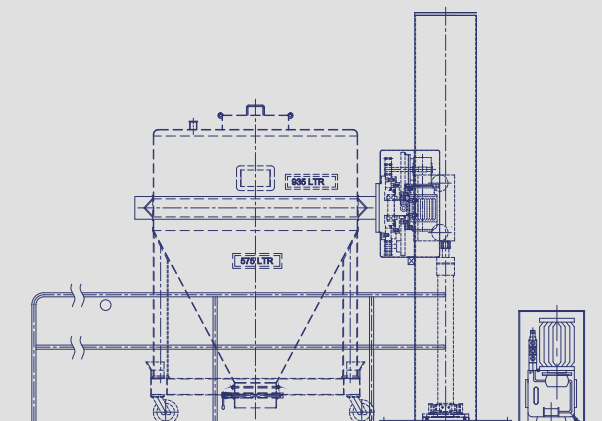
Cage Blender is a type of tumble Blender, in which in process Container fitted with the drive unit. This is the quick & efficient way of Blending which reduces number product exposure points, in the process, material Handling and Cleaning requirement.

Available in small R&D scale 2.0 Kg to large commercial scale 1000 Kg / Batch. Combo unit with interchangeable BINs to meet the different batch capacity requirement.

Stainless Steel 316 Grade contact parts and cGMP design equipment available with different automation options. Equipment with PLC panel and 21CFR Part 11 compliance can be provided.



MODEL	CAP. IN KG/BATCH	MOTOR HP	L	W	H
SES-BB-25	25	1.0 HP X 2 NO.	1500	1250	1500
SES-BB-50	50	1.5 HP X 2 NO.	1600	1350	1600
SES-BB-100	100	2.0 HP X 2 NO.	1750	1500	1800
SES-BB-250	250	3.0 HP X 2 NO.	2000	1750	2250
SES-BB-500	500	5.0 HP X 2 NO.	2500	2100	2750
SES-BB-1000	1000	7.5 HP X 2 NO.	3000	2500	3200
SES-BB-1500	1500	10.0 HP X 2 NO.	3500	3000	4000



INDUSTRIES, WE SERVE



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Personal care**



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Food & Beverages



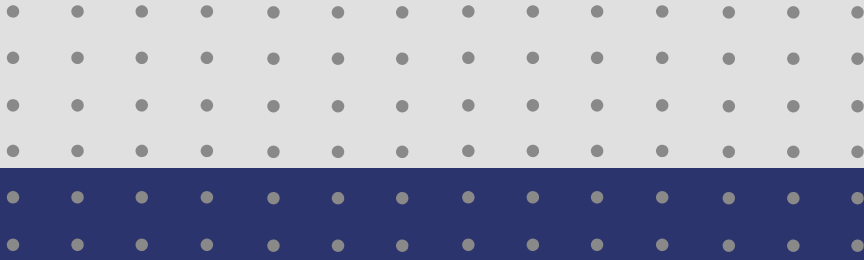
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