

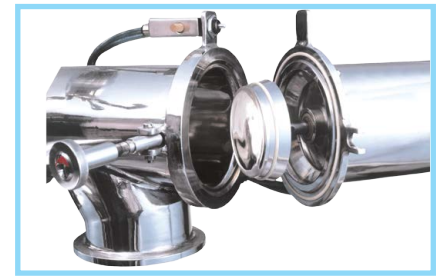
RIBBON BLENDER

Tapasya's Ribbon Blender is a light duty, compact blender is designed to achieve convection mechanism of blending powder components which are pre-processed like dried granules, pre-sieved powders etc. It is a LOW SHEAR mixer and ideal for SOLID / SOLID Mixing. Solid / Liquid mixing can also be achieved when high shearing force is not desired.



Features:

- Available in two shapes - U & W
- U-for Low to Medium volume Capacity (single shaft)
- W-for Large to Mega volume Capacity (double shaft)
- Batch size based on 65% of Blender volume
- All contact parts in SS 316L
- Designed to avoid Cross contamination with Monoblock Design
- Bearing mounted on lanterns out of mixing zone
- Air purge on the side entry seals
- Meets all cGMP/cGEP standards
- Continuous Ribbon design for complete discharge
- Variable frequency drive for fine tuning the Shear energy
- Belt driven power transmission
- Reduced material handling with Top mounted charging port and Side discharge arrangement
- Paddle style agitator instead of Ribbon for Blending fragile materials
- Lance type injectors for liquid spraying



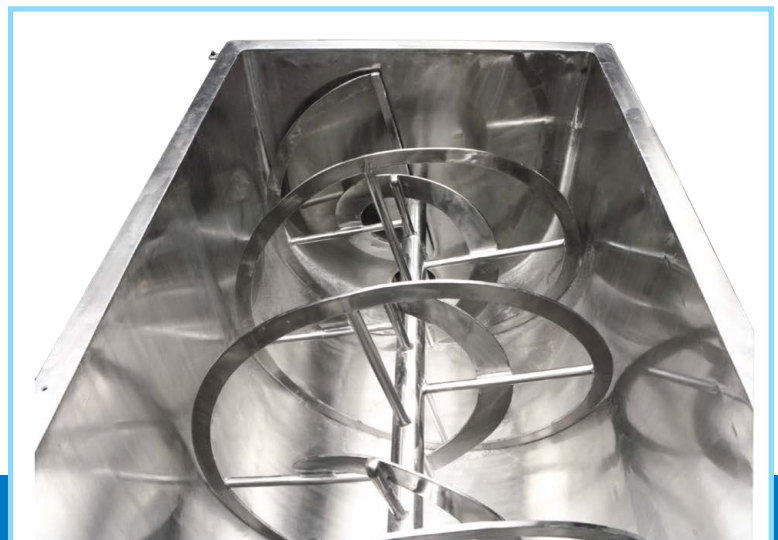
Pneumatic Discharge



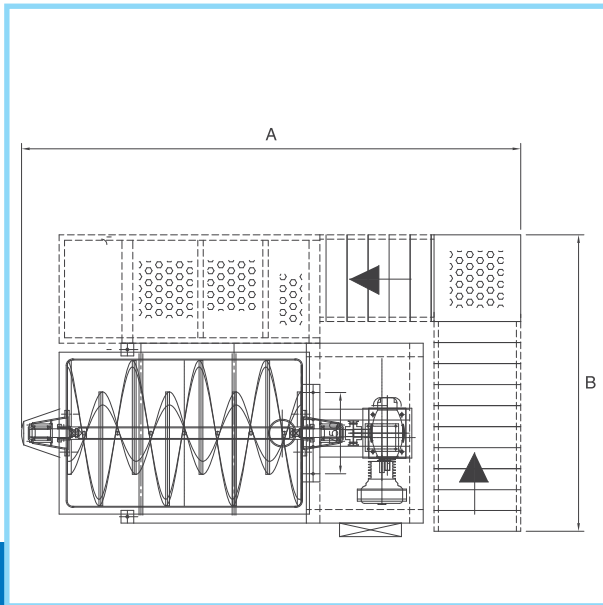
Air Purged Sanitary Sealing

Benefits For You:

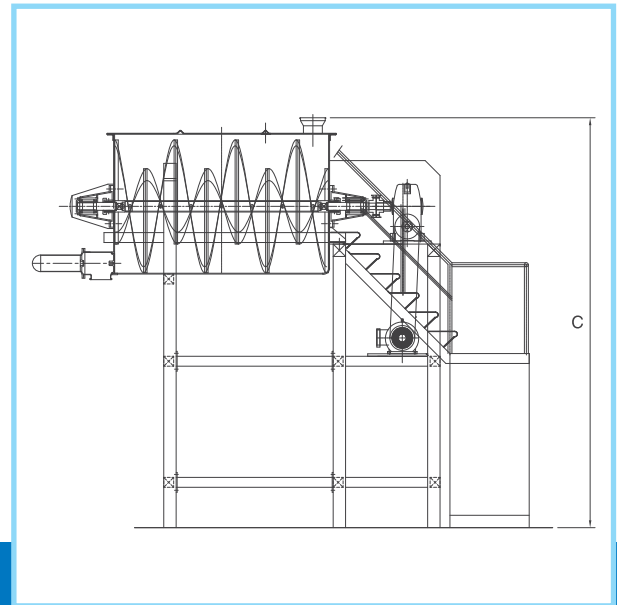
- Homogenised blending of solid components
- Specially designed to avoid cross contamination
- Low maintenance
- Low noise blender
- Occupies less space
- Minimal material handling



Double Hex Ribbon Blade



Plan view



Elevation view

Technical Specifications:

MODEL	GROSS CAPACITY (in Liters)	WORKING CAPACITY (in Liters)	OVERALL DIMENSIONS (in mm)			MOTOR HP	APPROX. WEIGHT (in kg)
			L	B	H		
TAP-RB-100	100	65	1000	800	1000	3	600
TAP-RB-300	300	195	2000	1100	1100	5	1200
TAP-RB-500	500	325	2500	1200	1300	7.5	1600
TAP-RB-1000	1000	650	2700	1300	1800	10	2800
TAP-RB-2000	2000	1300	3200	1400	2300	15	4000
TAP-RB-5000	5000	3250	3600	1500	2500	25	4500

Customised sizes available on request
Laboratory model design available

Double Cone Blender used in Industries:

- Pharmaceutical
- Nutraceutical
- Food
- Chemical
- Cosmetics