

RIBBON BLENDER

Mono block cGMP design



CE

TAPASYA

Ribbon Blender is a light duty blender mainly used for easy to mix powder components which are pre-processed like dried granules, pre-sieved powders etc. It is a LOW SHEAR and mostly used for SOLID / SOLID Mixing. Solid / Liquid mixing can also be achieved when high shearing force is not desired. It occupies less head room space for large volume mixing unlike Double Cone, 'V' Blenders etc.



SALIENT FEATURES

- ! Available in two shapes J & 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 stainless steel 316.
- ! Bearing mounted on lanterns out of mixing zone to avoid Cross contamination.
- ! Feeding through a charging port mounted on top of the blender.
- ! Reduced Material handling due to side discharge facility of processed materials.
- ! Monoblock Design avoids Cross Contamination
- ! Meets all cGMP/cGEP standards
- ! Air purge on the side entry seals for better cross contamination control
- ! Continuous Ribbon design for complete discharge of the finished product.
- ! Variable frequency drive for fine tuning the Shear energy at different stages of Blending

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- ! Belt driven power transmission for Quieter environment and less maintenance.
- ! Reduced material handling with Top mounted charging port and Side discharge arrangement for Total containment.
- ! Bearing mounted on the lanterns outside the Mixing zone to avoid Cross contamination.
- ! Paddle style agitator instead of Ribbon for Blending fragile materials.
- ! Capacity available 125 L to 8400 L (Larger volumes upto 20,000 L can be provided)



APPLICATION

Lubrication of dry granules in large quantity

Dry mixing of free flowing powders requiring low shearing force
Dry blending of capsule formulation

Mixing of cosmetic powders.

TECHNICAL SPECIFICATION

Model	Gross Cap in Ltr	Working Cap in Ltr	Dimension in mm L x W x H	RPM	HP
SAI-RIB-1	150	100	1600 x 800 x 1250	15/30	3/5
SAI-RIB-2	500	325	1800 x 800 x 1300	15/30	5/5
SAI-RIB-3	1000	650	2500 x 1000 x 1500	15/30	7.5/10
SAI-RIB-4	2000	1300	3500 x 1200 x 1750	15/30	10/15
SAI-RIB-5	3000	2000	4000 x 1500 x 2000	15/30	20/25
SAI-RIB-6	4000	2600	4500 x 1800 x 2000	15/30	25/30
SAI-RIB-7	5000	3250	4950 x 1800 x 2000	15/30	30/40
SAI-RIB-8	7500	5000	5450 x 2000 x 2000	15/30	40/50
SAI-RIB-9	10000	6500	6000 x 2000 x 2000	15/30	60/75

Specification and technical data are subject to change without prior notice



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