

# RIBBON BLENDER

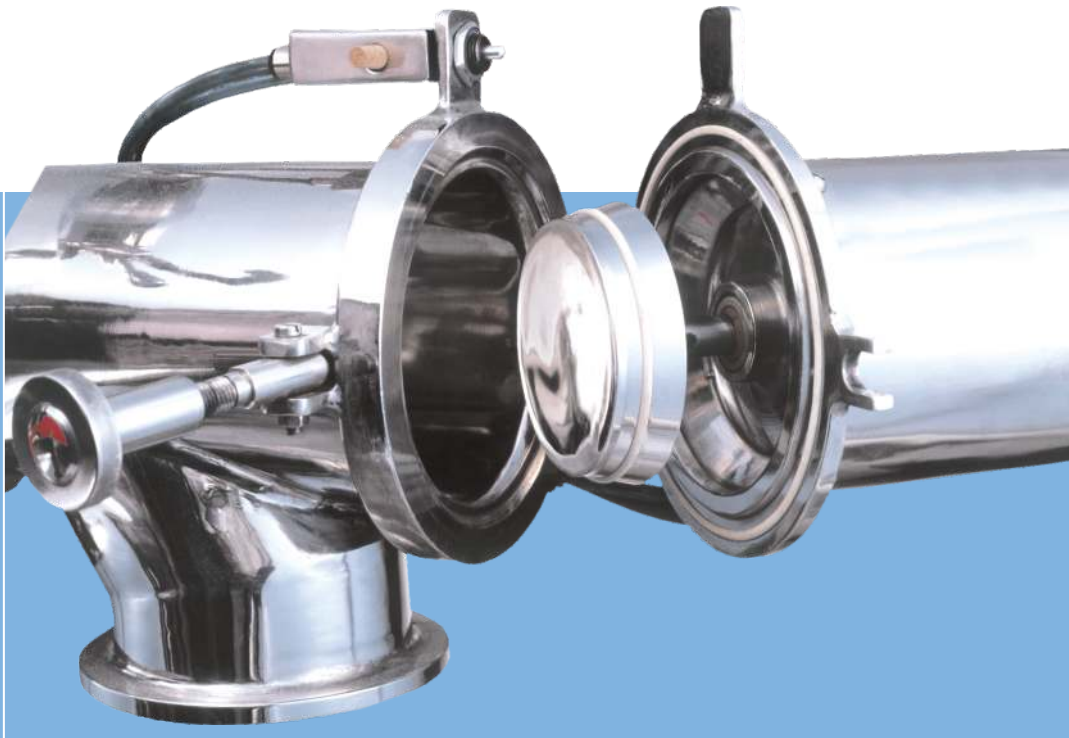
Mono block cGMP design



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**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 mixer 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 - 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 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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Mono block cGMP design

- 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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