

RIBBON BLENDER



Siddhi Pharma Equipment

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

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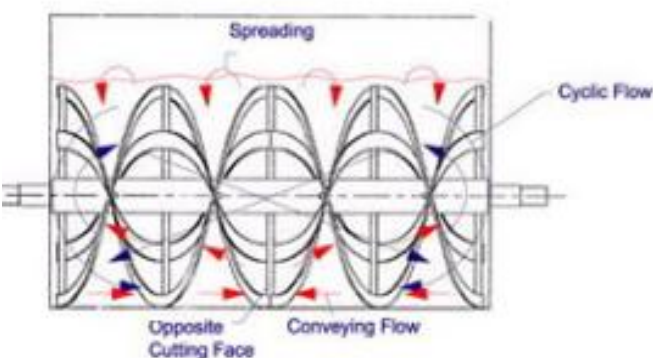
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Ribbon Blender:

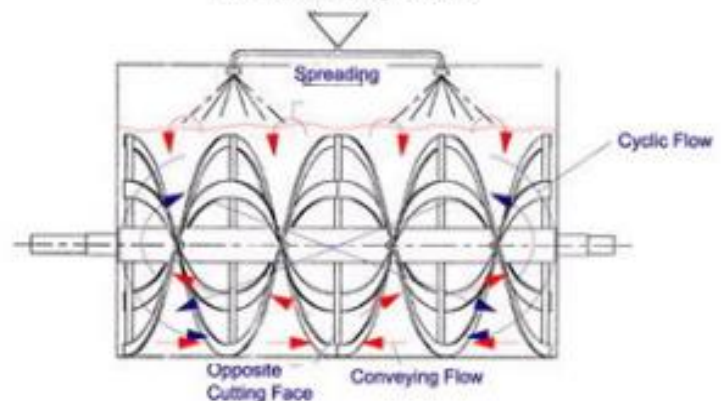
Ribbon Blender (also named ribbon mixer) is a basic industrial mixing machine. They consist, basically, of a trough-shaped shell (usually 2 to 3 times longer than it is wide) with a semicircular bottom, fitted with a horizontal longitudinal shaft on which are mounted arms supporting a combination of ribbon blades, paddles or helical screws set at a fairly close clearance to the semicircular mixer body so that no layer of material remains on the bottom of the ribbon mixer. The most effective design of ribbon layout is the double spiral in which the outer ribbon moves the product in one direction and the inner ribbon moves it in the opposite direction.

The ribbons rotate and move materials both radially and laterally to insure thorough blends in short cycle times. Ribbon agitators are used for blends that will be between 40 and 70% of the rated capacity of ribbon blend.

Ribbon Mixer



With Oil Spraying Device



Silent Features :

- Air purge on the side entry seals for better cross contamination control.
- Continuous Ribbon design for complete discharge of the finished product.
- Belt driven power transmission for Quieter environment and less maintenance.
- Paddle style agitator instead of Ribbon for Blending fragile materials.
- Bearing mounted on lanterns out of mixing zone to avoid Cross contamination.
- Reduced Material handling due to side discharge facility of processed materials.

Advantageous \ Benefits :

- Mild mixing which will not break the physical size of material
- More loading factor:
- Easy Cleaning: usually, the opening at ribbon blender's top cover is very large to touch into the inner surface for cleaning purpose.
- Easy Maintenance: the structure of ribbon blender is very simple, easy to dismantle and maintenance
- Low Power Energy

Technical Specification :

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

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