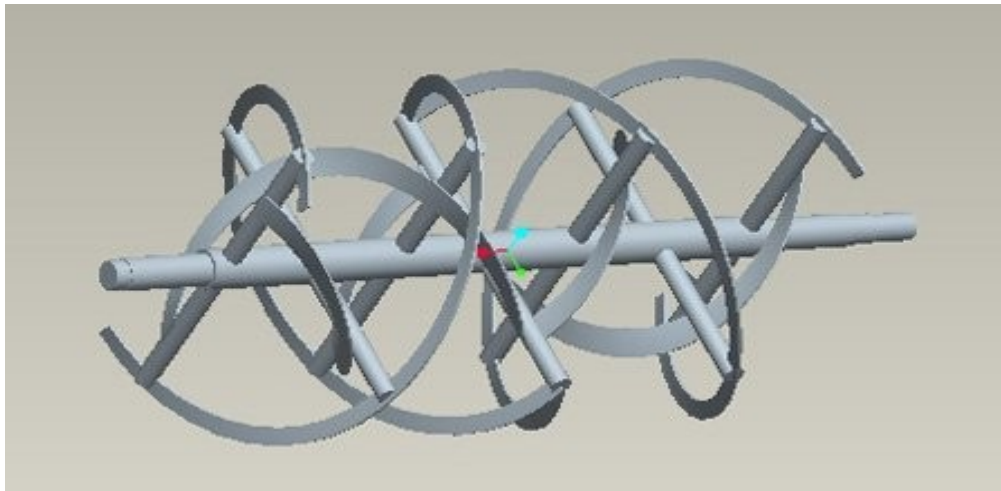


## Clarion Make CRB Series Horizontal - Ribbon Blenders

Ribbon Blender comprises of a U-shaped horizontal trough and a specially designed (as per application) Double Helical Ribbon Agitator rotating within. Ribbon Blenders are based on a proven agitator construction that provides a triple mixing action ensuring fast, efficient blending. The dimensions and configuration of the ribbons are carefully balanced to provide a movement of material within the container that avoids dead spots, thorough mixing of products and gives rapid product discharge.



An alternate design is the paddle agitator. The paddles are positioned to move the material in opposing lateral directions as well as radially. The paddle design is generally employed where friable materials are being blended, and when batches as small as 15-20% of the total capacity are going to be mixed in the blender.



## Advantages of CRB Series Horizontal - Ribbon Blenders



1- Effective Blade Design, to achieve better mixing results

2- Available in SS or MS steel of construction

3- capacity range from 40 ltrs to 9000 ltrs working volume

4- Available in Water cooled jackets for heat sensitive products.

5- Custom made solutions can be possible.

6- Easy cleaning & complete drain Possible due special design of blades



7- Variety of dry Powders can be processed with single machine.

8- Blades can be changed for different types of applications

9- Can be fitted with on line with other machines to optimise the process.



## Technical Specifications for CRB - Series Ribbon Blenders

MODEL	GROSS VOLUME	WORKING VOLUME	Approx DIMENSIONS IN MM			THICKNESS	POWER
			CRB	Ltrs	Ltrs		
CRB 20	20	10	450	250	300	1.2	0.5
CRB 40	40	25	600	275	350	1.6	0.75
CRB 75	80	50	750	300	400	2	1.0
CRB 150	150	100	850	400	600	2	3.0
CRB 250	250	150	1000	450	600	2	3.0
CRB 400	400	250	1275	550	710	2	5.0
CRB 600	525	350	1500	600	800	3	7.5
CRB 800	800	500	1600	700	1000	3	10.0
CRB 1000	1100	700	1800	800	1000	3	12.5
CRB 1500	1500	1000	2000	800	1025	3	15.0
CRB 2000	2000	1250	2250	900	1100	4	20.0
CRB 4500	4750	3000	3000	1200	1450	5	30.0
CRB 9000	9000	5500	3750	1500	1775	6	50.0
CRB 12500	13000	8000	5000	1600	1800	6	60.0
CRB 18000	18000	10000	5000	2000	2300	8	75.0

**Important Note :** Working capacity may vary between 60 to 80 % (also depends upon the type of products its density, flowability, physical status, etc.) of the total capacity mentioned above. The Change in design may be possible as compared with data specified in above table, as a part of continual improvement process.

