OTTEVANGER
PROCESS SOLUTIONS
SINCE 1909

Ribbon Mixer

Technical Datasheet



Mixing time between 3 to 4 minutes

Inspection hatch provided with safety locks

Low energy consumption

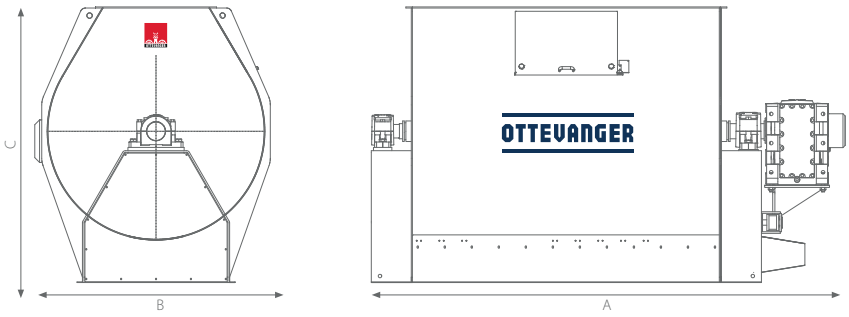
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Ribbon Mixer

Horizontal ribbon mixers are high efficient batch mixers that can mix with accuracy in a very short period.

The mixer consists a “tulip”-shaped housing and a shaft with mixing spirals. Two ribbons move the materials in opposite direction. The geometric design guarantees an intensive mixing process with a low rotation speed.

Special attention has been paid to hygiene. Connections inside the machine are smooth to prevent pollution and cross contamination. The construction of the shaft consists an absolute minumum welding in order to avoid clamps with external bolts for hygenic reasons.



Type	Contents (l)	Contents (kg)	Drive (kW)	Dimensions (mm)			Weight (kg) *
				A	B	C	
RM 500	500	250	3	1822	1000	1300	650
RM 1000	1000	500	5,5 - 9,2	2780	1210	1600	1700
RM 2000	2000	1000	9,2	3120	1462	1900	2300
RM 4000	4000	1000	15	3813	1810	2200	3600
RM 6000	6000	3000	22	4675	1810	2200	4500
RM 8000	8000	4000	30	4650	2115	2550	5900
RM 12000	12000	6000	2 x 37	5900	2155	2550	8000

* Weight incl motor / excl. drop bottom doors

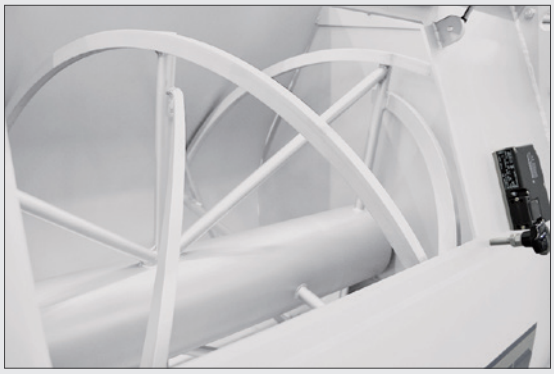
Features

- Mixing accuracy of 1:100,000/ variation coefficient <8%*
- Inspection hatch provided with safety locks
- Pneumatic outlet slide for dosed output
- Mixing time between 3 to 4 minutes
- Average 10 batches per hour (with outlet side)
- Low energy consumption

*indication, depending on formulation.

Special executions

- Stainless steel execution
- Special internal coatings
- ATEX 22 components
- Pneumatic drop bottom doors (RM500-RM4000)
- Spray bar(s) to add liquids (like oil and water)



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