



Range of Application

Mixing, homogenizing and dyeing of powdery or granulated components in the plastics, chemical, chemico-technical industry, drug and dye works, food and luxury food industry as well as textile and leather industry. Moreover special purposes such as dissolving solids in liquids, polishing metal or plastic parts, moving inert media to avoid structural changes and cleaning containers by means of solvents.

Operation

The container rotating around an inclined axis serves as a mixing tool. The rotating movement and the inclined arrangement of the container walls result in a mixing effect which is based on the combination of gravity and frictional forces. The particles are lifted and slide or fall back into the product to be mixed. This guarantees intensive mixing.

Advantages

- Intensive mixing even in the case of small quantities for example of additives or active substances
- Well suitable for small and frequently changing quantities of product
- Easy exchanging of the mixing container
- Easy cleaning of the mixing container
- Drum hoop also usable as a conveying roll for short distances

Additional equipment

All drum hoop mixers can be equipped with a protective fence according to the EC directives and with a three-blade mixing insert for accelerating and improving the mixing intensity.

Technical Data

Type	Material	Drum Hoop		Roller Track			Roller Track + Drum Hoop		Rolls	Axle Distance
		D	B3	L	B2	B1	H	Weight Roller Track Drum Hoop		
RRM 200	stainless steel	1080	453	1000	500	1020	1300	80 kg 24 kg	90	500

Type	Volume		Charge limit	Drum Hoop	Power	Voltage	Speed	Frequency	Enclosure
	gross	net	max.	Speed min-1 min-1	kW	Volt	min-1	Hz.	ip
RRM 200	200 l	150 l	120 kg	21	0,55	230/400	250	50	54

Range of Application

For accelerating and improving the mixing intensity of powdery and dry products.

Operation

The mixing insert is put on the bottom of the drum and fastened at the drum wall by parallel locking. It is easily exchangeable due to the draw and turn locking.

Mixing Inserts

(suitable for the following drums; if desired, they can be adapted to containers provided on site)

Drum size	Diameter in mm	Height in mm	Material thickness in mm	Material	Weight in kg
200 l	560	882	1,5	1.454 l	7,0

Drums

Gross Volume	Diameter in mm	Height in mm	Beadings	Material	Weight in kg
200 l	560	882	yes	1.454 l	18,1

- mixing, homogenizing, dyeing
- 5 different sizes
- mixing containers for 50 up to 300 liters
- batch operation

- wide range of additional equipment and special executions
- variable speed
- optional with ATEX conformity acc. to regulation 94/9 EG



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200 liter Tromleblander

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Alle mål i mm.
All measures in mm.

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