RFV

Vertical cooling mixer

The **RFV** range of coolers **is the ideal solution to combine the requirements of restricted spaces and easy cleaning with cooling efficiency**.

The mixing tool and the optional cooling ring are equipped with devices to extract them from the vessel, thus further facilitating cleaning and any special maintenance operations. **Applicable to any type of turbomixer,** special versions can be built to meet specific customer needs.

FEATURES

VERTICAL COLING VESSEL

- Built entirely of stainless steel as regards the parts in contact with the material, with double jacket for circulation of cooling water.

MIXING TOOL

- Made of stainless steel with radial and vertical mixing effects. Designed to optimize distribution of the hot material on the cooling surfaces.

SUPPLEMENTARY RING

- To increase the heat exchange surface in the cooler; installed inside the vessel.

LID

- Can be supplied in various configurations; it can be opened vertically thanks to a pneumatic cylinder operated lifting system.
- Safety device only allowing the lid to be opened after the mixer has stopped moving.

TEMPERATURE CONTROL

- By means of thermocouple located at the side of the mixing vessel to control operating and safety temperatures.

DISCHARGE

- Closure plug in stainless steel, adapted to the internal shape of the vessel, operated by a pneumatic cylinder.

Type	Total capacity Lt.	Motor power kW	
		Standard	Boost
RFV 400	400	7,5	11
RFV 800	800	11	15
RFV 1000	1000	11	15
RFV 1600	1600	15	18
RFV 2000	2000	22	30
RFV 2500	2500	30	37
RFV 3600	3600	55	70

NOTE: The data shown in the table are purely indicative and must be confirmed by PLAS MEC.

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Accessories - Optionals

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DOUBLE DISCHARGE OUTLET

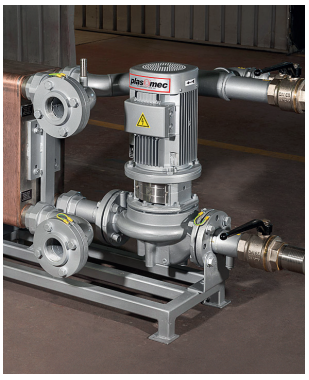
Discharge of material to a second user.

OPENABLE DISCHARGE OUTLET

Facilitates and reduces cleaning times.

FILTER SYSTEMS

Self-cleaning filters for powder suction.



HEAT EXCHANGER FOR COOLING WATER CIRCULATION

Keeps the water supply circuit separate from from circulation, avoding deposit of materials. Recommended when installing closed loop systems under pressure.

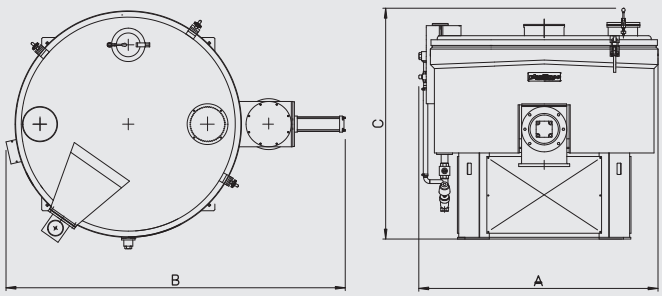
CHOPPERS

Elimination and reduction of any lumps in the mix.

INSTALLATION ON LOAD CELLS

Used to determine the amount of material in the cooler.

Dimensions	A	B	C
RFV 200	1200	1775	1535
RFV 400	1500	2020	1535
RFV 800	1710	2360	1535
RFV 1000	1710	2360	1735
RFV 1500	1920	2555	1785
RFV 1600	1920	2555	1835
RFV 2000	2210	3000	1835
RFV 2500	2210	3000	2005
RFV 3600	2465	3265	2105



PVC DRY BLEND, POWDER COATINGS, MASTERBATCH AND PIGMENTS, THERMOPLASTIC RUBBERS, WOOD PLASTIC COMPOSITES AND MORE...

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100% MADE IN PLAS MEC

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