

MILL-ENNIUM RS-10/20/30



IMMERSION BASKET MILL

“BATCH” PROCESS FOR LOW / MEDIUM VISCOSITY PRODUCTS

- Design for floor mounting.
- Materials in contact with the product, anti-abrasion and stainless steel.
- Discontinuous process without pump.
- Extremely easy to clean for color changes.
- Productions from 165 to 2.000l depending on model.
- Adjustable speed by frequency converter.
- Possibility of working with different diameters of grinding elements.
- Rotor-stator grinding system. System of pegs (rotor) and counter-pegs (stator) to favor the circulation of the grinding elements.
- Grinding basket with wide central opening to facilitate product recirculation.
- Screen with large outlet surface (side and bottom of the grinding basket).
- Screen mesh size of 800µ, 500µ or 275µ.
- Interchangeable impellers to ensure optimal product recirculation according to the rheology of the product.
- Telescopic lid to avoid evaporations during the process
- Cooling recirculation system through the grinding basket and the jacketed process vessels.
- Hydraulic power unit for head lifting.
- Belt clamping system with safety micro for the process vessel.
- **ATEX CERTIFIED FOR EX VERSIONS.**
- Standard color BLUE RAL 5017.

CONTROL SYSTEM

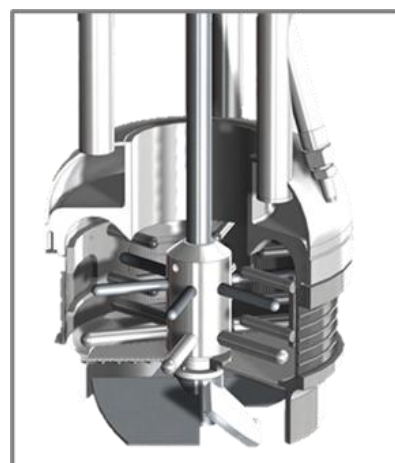
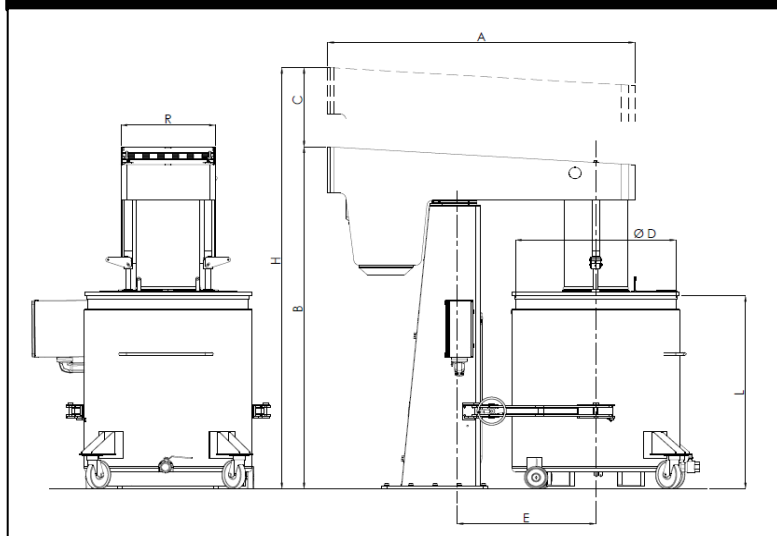
- **Type S** (Standard pushbutton panel) allows manual operation of the mill. As an option, the process time or the energy consumption can be controlled.
- **Type CP** (Digital Signals + Software + Touch Screen), allows management and operation with manufacturing recipes, machine set-up, operation supervision and maintenance monitoring.

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TECHNICAL DATA

MODELO	VOLUMEN CAMARA MOLIENDA (L)	LUZ MALLA TAMIZ(μ)		POTENCIA (kW)	DIMENSIONES (mm)					
		ESTANDAR	OPCIONAL		A	B	C	E	H	R
RS - 10	11,8	500	275 - 800	30	2335	2675	1300	1050	3975	700
RS - 20	26,6	500	275 - 800	45						
RS - 30	35,8	500	275 - 800	55	2600	3018	1600	1175	4618	800

OVERALL DIMENSIONS



VESSEL ASSIGNMENT AND TECHNICAL DATA

	RS-10	RS-20	RS-30	BATCH / LITERS		DIMENSIONS D x L (mm) (with wheels)
				Min.	Max.	
DH - 300	•			165	300	625 x 1390
DH - 600		•		375	600	800 x 1540
DH - 800	•			425	800	1000 x 1390
DH - 900			•	525	880	900 x 1710
DH - 1300		•		845	1.300	1200 x 1540
DH - 2000			•	1.185	2.000	1350 x 1710

GRINDING ELEMENTS

MATERIAL	REF/ BEADS SIZE	SCREEN
Zirconium	OBCZS/1,4-1,6 mm	500 μ
(ZrO ₂ -SiO ₂)		
Zirconium-Yttrium	OBCZY/0,7-0,9 mm	275 μ
(ZrO ₂ -Y ₂ O ₃)	OBCZY/1,2-1,4 mm	500 μ

OPTIONAL

- Vessels with cooling jackets
- Supplement for ATEX 1/2 for Zone 0 (Control on quick shaft and basket)
- Vacuum lid EExd
- Helix blade EExd
- Orbital blade EExd
- Video Camera
- Vacuum group
- Articulated strap
- Tongs holder
- Basket cleaning cart

APPLICATION

- Paints: Decorative, Industrial, Car industry, Can and Coil coatings, pigments, etc.
- Inks: Liquid in general
- General use on grinding/ Dispersions of low and medium viscosities products