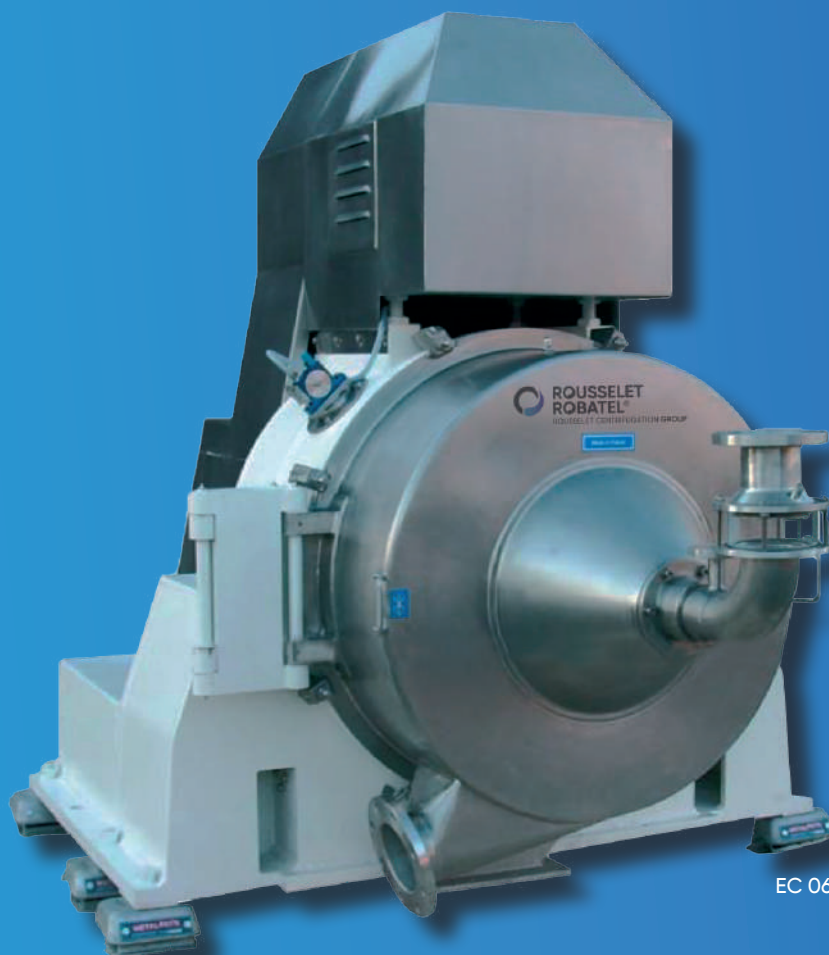


CONTINUOUS CENTRIFUGE WITH SCREW AND HORIZONTAL AXIS TYPE EC



EC 06

PROPERTIES OF THE EC RANGE



EASE OF USE AND INSTALLATION

- Centrifuges that can be installed at ground level or on a mezzanine.
- External tank with full opening for easy access to the basket.
- Dedicated feed and discharge pipes for mother liquors and washing liquids.
- Vibrator on tank to facilitate solids discharge.



PRODUCTIVITY

- Continuous mode compatible with many chemical production lines.
- Wide application range:
 - G effect from 1,500 to 2,200 «G».
 - All solid particles larger than 50 microns (several grid ranges available).
- Production up to 10 tons per hour.



RELIABILITY

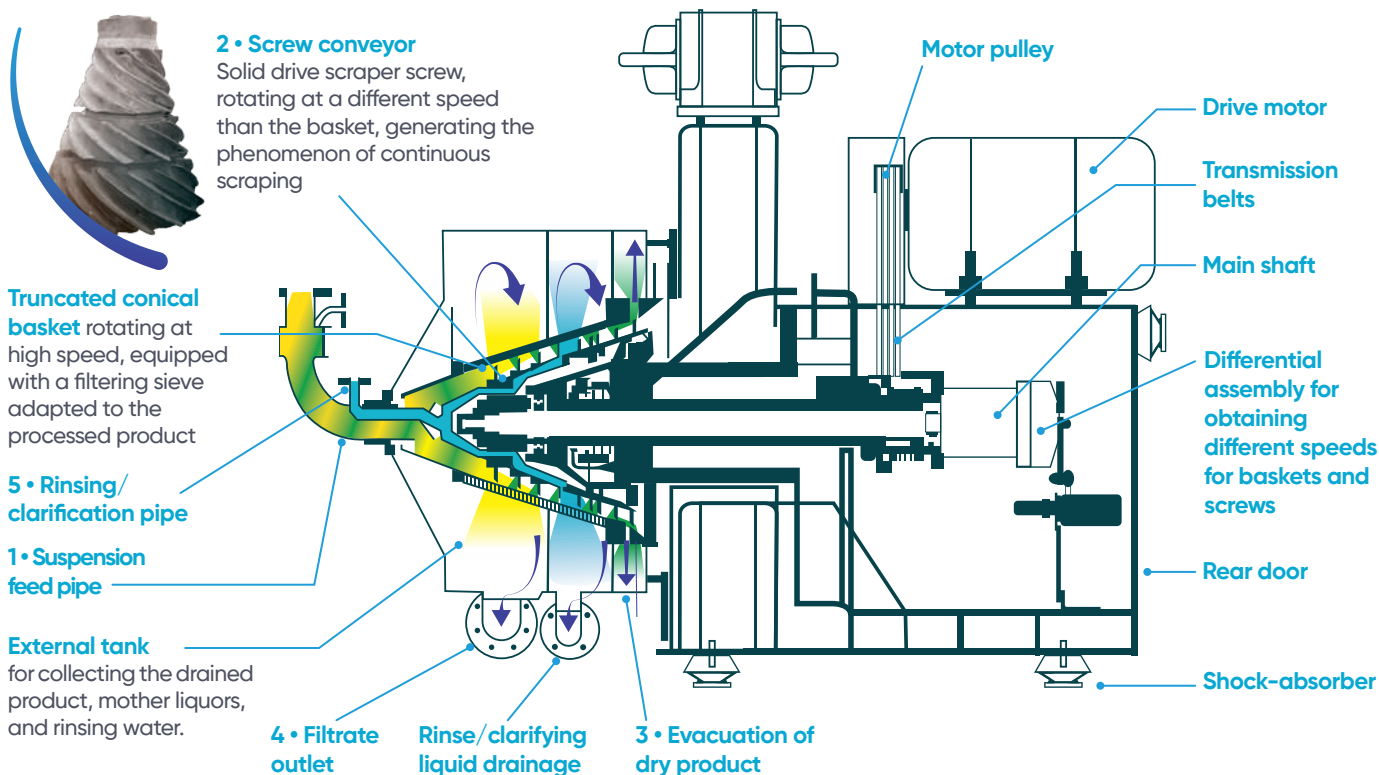
- Heavy mass and anti-vibration mounts to limit potential vibrations.
- Torque limiter to prevent overload.

GENERAL DESIGN OF EC TYPE CENTRIFUGES

ROUSSELET ROBATEL continuous centrifuges are equipped with a conical basket and a filter screen. They extract mother liquors and, if necessary, continuously wash solids before their final spinning.

CONSTRUCTION

Made of mild steel, stainless steel, or special alloys.



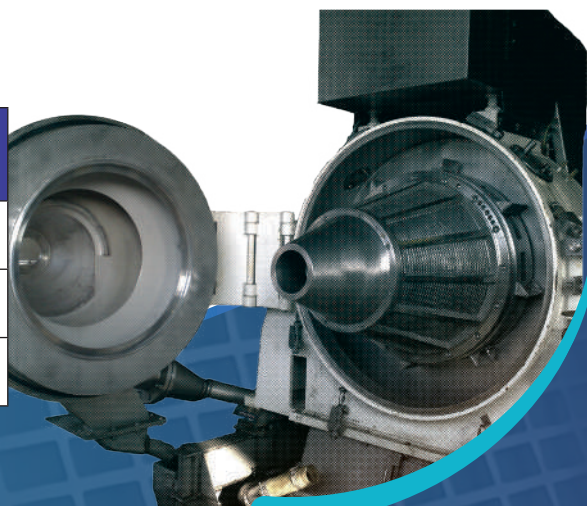
OPERATION

- The suspension to be treated is fed by a constant flow pump via the feed pipe¹.
- Under the action of centrifugal force, the solids are deposited on the inner wall of the basket filter screen.
- They are then carried by the scraper screw² to the discharge area³ (tank equipped with a vibrator).

- The filtrate is discharged via the drain pipe⁴.
- The rinsing/clarification pipe⁵ allows liquid to be introduced to rinse the solids that have been pre-spun before final spinning and discharge.

MACHINE	ø Basket (mm)	Height/Depth (mm)	Max. rotation speed (rpm)	Max. G-Effect (G)	Flow rate (m ³ /h)
EC01	100	85	3 000	503	0,4
EC03	300	170	3 600	2 173	8
EC06	600	430	2 300	1 774	20

Other models on request



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