

AUTOMATIC CENTRIFUGES FOR FOOD INDUSTRY TYPE RCPC



RCPC 125 Vx

KEY FEATURES OF KSA TYPE CENTRIFUGES:



PRODUCTIVITY AND FLEXIBILITY

- Between 350 kg and 3600 kg per hour, depending on the centrifuge model, the product features i.e. size, specific gravity, fragility, and on the required or targeted remaining moisture.
- Adjustable speed by means of a frequency inverter to select the most appropriate basket speeds for each cycle phase and to adjust the acceleration and deceleration times. Cycle programmer allowing up to 19 different cycles to be stored.
- Control panel which can also control upstream and downstream equipment.



ACCESSIBILITY AND CLEANABILITY

- Fully retractable lid, wide inspection doors, discharging funnel cover.
- Basket base manufactured from solid stainless steel. Triangular shape of the wedge wire screens which forms the basket wall, cleaning in place pipes, shell design without any retention zones.



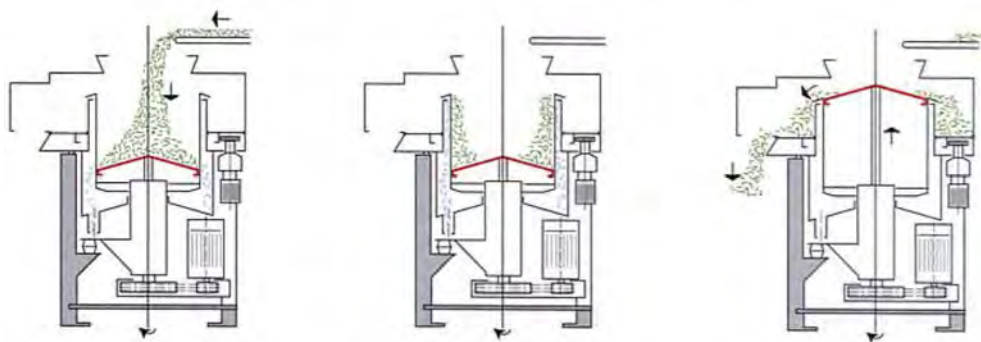
SAFETY AND RELIABILITY

- Lid and inspection doors can only be opened when basket is registering zero speed.
- Antivibration pads and motor counterweight ensures rigid centrifuge stability.
- Centrifuge design is in accordance with safety regulations and European standards.

CYCLE DESCRIPTION OF THE RCPC RANGE

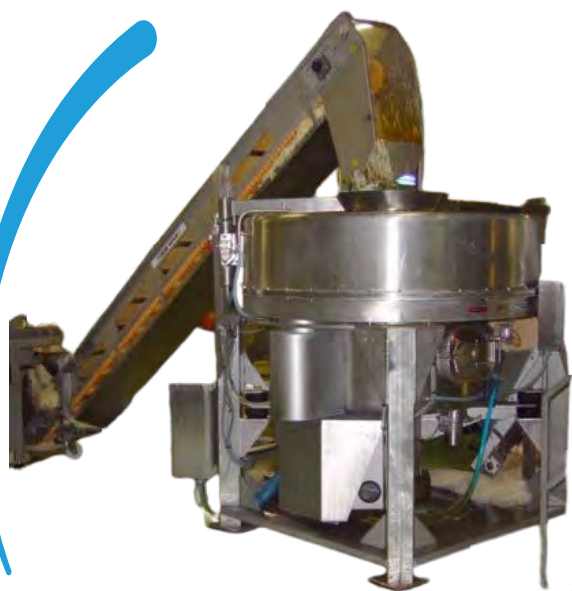
Basket rotational speeds and duration of each phase can be adjusted independently.

- 1 • LOADING** through a funnel which is situated above the lid and when the basket is rotating at low speed.
 - 2 • ACCELERATION** the basket speed is increased to the desired speed for a particular product range.
 - 3 • SPINNING** for a selected duration.
 - 4 • DECELERATION** the basket speed is decreased to the selected speed for unloading.
 - 5 • UNLOADING** the pusher plate then extends vertically allowing the product to be discharged without damage from the basket and to be collected on the rotating crown disc prior to discharge via the discharging chute...
- As soon as the pusher plate starts to retract downwards, a new cycle can begin...



CHARACTERISTICS OF THE RCPC RANGE

TYPE	BASKET			CENTRIFUGE		
	Diameter (Ø)	Height (mm)	Max. Speed (rpm)	Motor power (kW)	Dimensions: L x w x h (m)	Weight (kg)
RCPC 70 Vx	700	525	630	9	1 580x1 380x1 820	1 750
RCPC 100 Vx	1 000	660	630	15	2 280x1 970x2 170	3 150



Additional and optional equipment

- **Liquid dispersant coating** of selected areas in contact with the product.
- **Specially designed frame** with two product exits.
- **Washing rotating heads** placed on the centrifuge lid.
- **Speed variation** of the discharging crown.
 - **Cycle programming by plc**
 - **Vibration monitoring.**
 - **Stainless steel control panel.**
- **Feeding and unloading conveyors**

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