

INDUSTRIAL CENTRIFUGES with removable basket



SC 85 Vx KC C2



RC 30 Vx

KEY FEATURES OF THIS CENTRIFUGES



EASE OF USE

- Independent units.
- Quick release removable basket.
- Automatic stop.
- Simple installation.



CONFIGURABLE

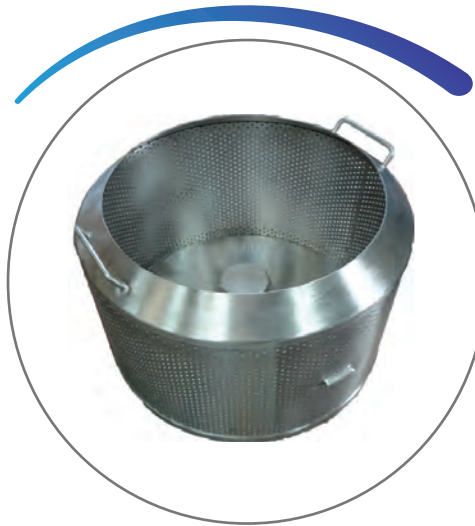
- Centrifuges with different removable baskets for appropriate unloading processes.
- Numerous application fields:
 - for parts and/or swarf.
 - or de-oiling, washing, spinning, drying.
- Stainless steel version for food industry applications.



FIABILITY

- Heavy masses for vibration minimizing.
- 3 point suspension for greater stability.
- Reduced maintenance.

HANDLING MODELS



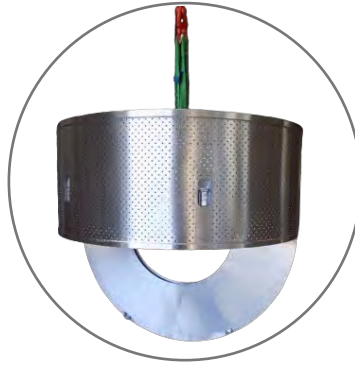
KC TYPE

- **Handles** fixed to the top part of the basket (\varnothing 400 & 475 mm).
- **Trunions** placed out outer side of basket to which a handling attachment can be fixed.
- **Specific top ring** to be handled by robot.
- **Unloading** by overtuning.



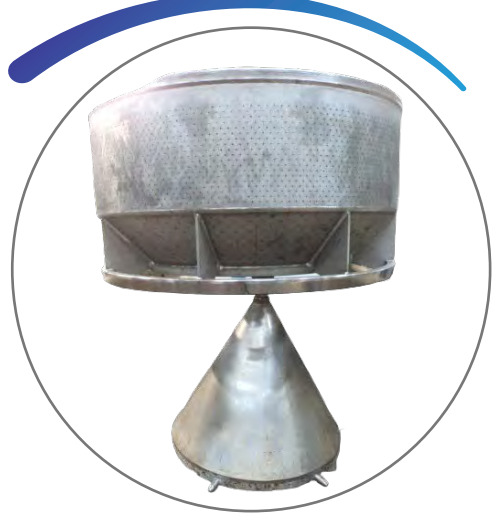
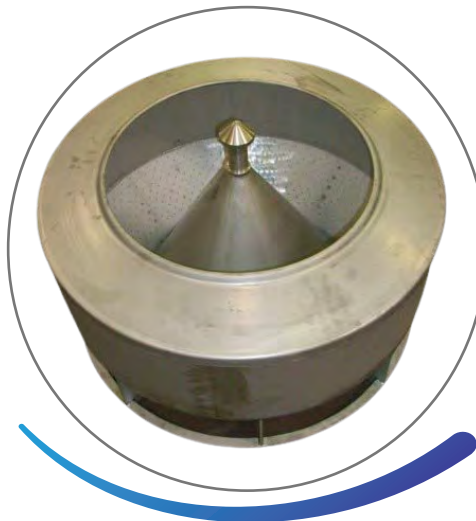
KFO TYPE

- Handling by the **central cone**.
- Unloading by opening of the 2 half **bottom doors**



KFE TYPE

- Handling by the **central cone**.
- Unloading by downward movement of retractable cone once the basket has been placed on its **discharging platform**.



MAIN FEATURES

- **Rigid type (RC) or suspended on three points (SA & SC) type centrifuge.**

Basket driven in rotation by direct axial motor (SA) or side mounted motor and belt drive (RC & SC). Constant or adjustable speed by frequency inverter (Vx).

- **Counter current braking (SA) or disk brake (SC)** for one speed centrifuges; Braking through frequency inverter and braking resistance for adjustable speed centrifuges.

- **Construction materials:** Cast iron and carbon steel for standard versions. Possibility to have some or all parts in contact with the product manufactured from stainless steel or coated.

- **Manual lid opening/closing or automatic by pneumatic jacks.**

Heating device (C2) integrated into the lid or independent, according to the model and required power (1400 W - 12 kW). Possibility to supply a thermo-regulator.

- **Possibility to process components with re-tention zone in a basket with a conical base** connected to an alternatin clockwise/anticlockwise directional drive to assist liquid draining and component drying.

- **Specially designed baskets:** split¹, with internal partitions for cases, buckets, or rectangular boxes, with flat or perforated base plates.

Specific basket perforations or suitable filtration mesh or removable bag.
Special partitioned baskets and filtration aids, i.e. filter bags.

- **Independent control panel** or control board with timer to adjust cycle times.

- **Possibility to supply the centrifuge** (RC & SC types only), with explosion-proof equipment, according to European or American electrical standards.
ATEX conformity for European markets.



SC 70 Vx KC Imp

TECHNICAL CHARACTERISTICS

TYPE	Basket								Dryer	Heating device (C2)	
	Model	Ø mm	Height mm	Volume l		Max. load kg	Empty basket Weight kg	Rotation speed rpm	Weight kg	Electrical resistance kW	Fan
				Total	Useful						
SA 40	KC	400	250	28	15	30	8	750	200	1.4	18
SA 50	KC	475	280	45	30	60	11	750	300	1.4	18
SC 70 Vx	KC	675	365	100	60	120	40	850	600	3	125
	KC	800	380	155	85	150	53	850	1200	4	125
SC 85 Vx	KFO	850	470	225	150	180	70	650	1300		
	KFE	850	390	160	100	180	90	650	1400		
SC 100	KC	1000	450	290	150	220	85	600	1500	6	125
	KFO	1000	500	340	200	240	90	650	1600		
	KFE	1000	455	250	150	240	120	650	1700		
SC 120	KC	1200	460	460	220	300	135	550	2000	6	125
	KFO	1200	600	600	310	370	110	500	2100		
	KFE	1200	500	440	230	370	150	550	2200		
SC 150	KFO	1500	600	900	410	500	155	500	3500	6	125
RC-Vx	KC	<p>Models available in basket Ø: 400, 475, 600, 675 mm and more. Their characteristics depends on the choice of ROUSSELET ROBATEL according to the use and the product concerned.</p>									

OPTIONAL EQUIPMENT AND AUXILIARIES

- Removable or integrated loading funnel.
- Washing pipe² or spraying nozzles for components interoperation cleaning.
- Side tanks (oil collecting, washing liquid³...).
- Additional removable baskets to reduce lost processing times and to increase productivity.
 - Angle bracket with hoist.
 - Temperature monitoring with suitable sensor.



SA 40 Vx KC C2

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