

# CENTRIFUGES FOR PARTS after hot galvanizing TYPE RC-KG



RC 60 Vx KG

## KEY FEATURES OF RC-KG RANGE



### EASE OF USE

- Fully independent centrifuges.
- Starting linked to lid closing.
- Removable basket to be handled by stirrup.



### PRODUCTIVITY

- Optimized recovery of liquid metal melt due to strong starting acceleration.
- Very short acceleration time.

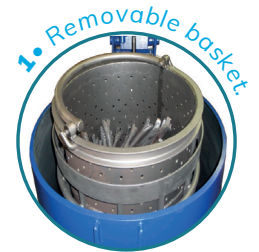


### RELIABILITY

- Industrial and strong design centrifuges.
- Massive base plate for increased stability.
- Safeties according to european standards.

## MAIN FEATURES

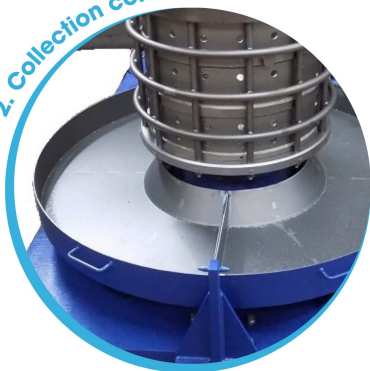
- Vertical axis centrifuges.
- Rigid type centrifuges.
- Carbon steel construction.
- Centrifuges driven in rotation by a side-mounted motor, linked to a frequency inverter for starting, braking and speed variation.
- Removable basket with flat or conical bottom
- plate to be unloaded by overturning, with handling stirrup.
- External conical casing with hot liquid metal bottom receiver.
- Removable receiver of dry zinc.
- Independent control box.
- Safeties according to European standards.



## TECHNICAL CHARACTERISTICS OF THE RC-KG RANGE

TYPE	Basket					Centrifuges
	∅ mm	Height mm	Useful volume l	Maximal load kg	Speed rpm	Weight of the basic version kg
RC 40 Vx KG	355	300	30	30	1000	250
RC 50 Vx KG	400	400	60	60	500	450
RC 60 Vx KG	500	500	80	80	400	1000
RC 70 Vx KG	600	600	150	140	400	1700

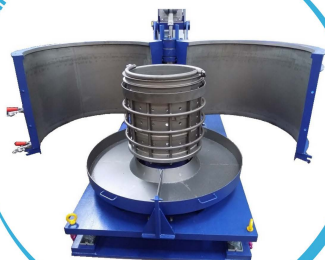
2. Collection container



3. Pneumatic control equipped lid



4. External tank composed of 2 half-shells



### OPTIONAL EQUIPMENT AND AUXILIARIES

- Stainless steel construction for selected parts of the centrifuge.
- Pneumatic lid opening and closing<sup>1</sup>
- Double lid to seal removable basket: a second lid is fitted to centrifuge lid by means of a rotating coupling, which rotates with the removable basket to avoid any part ejection.
- External casing designed with two half shells articulated on a rear mast. When opened, it allows access inside the basket for inspection and cleaning operations.
- Increased motor (and inverter) power to shorten starting and braking times.
- Double base plate: the centrifuge supporting plate is equipped with anti vibration absorbers and assembled with a ground clamping plate. This allows for a vibration reduction and increased hot liquid metal to collect into the bottom receiver.
- Specially designed centrifuge and removable basket for basket robotized handling and centrifuge integration into fully automated processing line.
- **ROUSSELET ROBATEL can in some instances redesign and manufacture a basket carrier to clients specification, in order to accept clients own basket.**

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