



CENTRIFUGAL HYDRO-EXTRACTORS with removable and interchangeable baskets, nets or bags



KEY FEATURES OF THESE CENTRIFUGES



VERSATILITY

- Different design of baskets, bags or nets can be fitted in the same hydro-extractor, which allows all types of textile products to be de-watered.



QUALITY

- The utilization of baskets totally suited to the products, limits or reduces product deformation.



PRODUCTIVITY

- With different baskets/carriers, loading and unloading operations can be carried out more effectively, consequently reducing dead time resulting in improved production efficiency.

MAIN SPECIFICATIONS

- Vertical axis centrifuge.
- 3 column centrifuge.
- Cast iron shell base.
- Outer shell manufactured from mild steel with full lid opening.
- Basket rotation achieved by side-mounted electric motor (IP55).
- Centrifugal or hydraulic clutch according to centrifuge type to allow soft start.
- Automatic disc brake.
- Lid locking device function of zero speed.
- Separate control panel with adjustable cycle timer.
- All safety devices according to European Standards.

OPTIONAL EQUIPMENT AND AUXILIARIES

- Basket top rim articulated or removable according to basket diameter and centrifuge duty.
- Outer shell and lid manufactured from stainless steel.
- Manual or pneumatic lid opening (SC70K > SC120K) and pneumatic or hydraulic (SC150K > SC200K).
- Product wetted parts stainless steel (various grades available).
- Speed variation for fragile products and fabrics through a frequency modulated drive.
- Specially designed baskets (dimensions, perforations and shells...).
 - Lid and basket rim hydraulically opened and closed.
 - Additional baskets, bags and nets.
 - Stainless steel loading trolley (type KFI).
 - Feeding pipe mounted on the lid (type KSA).
- Rousselet Robatel special designs allows us to offer hydro-extractors with increased basket height (unit on rigid inertia plate which is supported by spring and visco-dampers) or with increased maximum rotational speed.



TECHNICAL CHARACTERISTICS OF THIS RANGE

TYPE	Basket						Maximum number of starts per hour	Motor power kW	Weight kg
	Rotation speed rpm	ø mm	Height mm	Volume l		Capacity dry textile kg			
				Total	Useful				
SC 70K	1300	700	350	125	70	27	4	4	700
SC 85K	11 00	850	430	240	140	50		5.5	1200
SC 100K	1000	1000	500	360	260	70		7.5	1500
SC 120K	900	1200	600	580	310	110		9	2000
SC 150K	750	1500	750	950	500	170	3	15	3500
SC 200K	600	2000	1000	2250	1250	320	2	22	8000



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