



ROUSSELET ROBATEL

CENTRIFUGAL HYDRO-EXTRACTORS WITH REMOVABLE AND INTERCHANGEABLE BASKETS, NETS OR BAGS.

ADVANTAGES

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

QUALITY OF HYDRO-EXTRACTED PRODUCTS : The utilisation of baskets totally suited to the products, limits or reduces product deformation.

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



Hydro-extractor with removable net for hanks, pieces and fabrics.
Type KFI.



Hydro-extractors with spindle holder for conical / cylindrical bobbins.
Type KBOB



Hydro-extractor with automatic "Lid/basket rim" assy motion

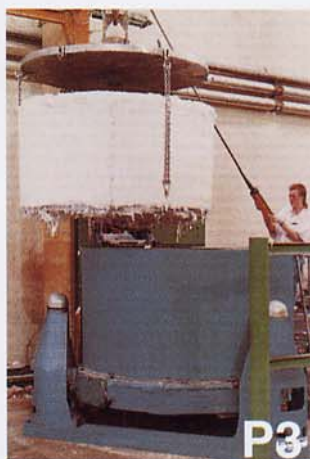
APPLICATIONS De-watering of all types of textile products (cable, fibre cakes, loose stock, fabrics, tubular knitted fabrics, hanks, tops, conical/cylindrical bobbins, packages, flock and hosiery) following wet processing which includes washing, dyeing, bleaching, carbonising and softening.

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GENERAL FEATURES

- Vertical axis centrifuge.
- Cast iron shell base.
- Outer shell manufactured from mild steel with full lid opening.
- Hooped stainless steel basket.
- 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.



Hydro-extractor with plate end chains for de-watering cakes following dyeing in a autoclave. Type KGA

TECHNICAL SPECIFICATION / OPTIONS

- 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 (SC70 K ➤ SC120K) and pneumatic or hydraulic lid opening (SC150 K and SC200 K).
- 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.



Removable filtration bag for flocks. Type KSA.

TYPE	BASKET						Hourly starting numbers	Motor power (kW)	Machine weight (kg)
	Speed (rpm)	Diameter (mm)	Height (mm)	Volume (litres)		Capacity dry textile (kg)			
				total	useful				
SC 70K	1300	700	350	125	70	27	4	4	700
SC 85K	1100	850	430	240	140	50	4	5.5	1200
SC 100K	1000	1000	500	360	260	70	4	7.5	1500
SC 120K	900	1200	600	580	310	110	4	9	2000
SC 150K	750	1500	750	950	500	170	3	15	3500
SC 200K	600	2000	1000	2250	1250	320	2	22	8000



Basket with bottom opening for use in laundry industry. Type KFO and KLU.



Basket for loose stock fibres to be used in conjunction with a autoclave (kier).



Standard basket.



Cell basket for tops, cylindrical bobbins. Type KFUS.



Basket for conical bobbins / packages. Type KBO.



Spindle holder being loaded into specially formed basket for conical / cylindrical bobbins. Type KBOB.



Loading trolley (for Type KFI).

As one of the world leaders in centrifugal extraction, Rousselet Robatel offers distinct ranges of centrifuges for various industries : textile, chemicals and pharmaceuticals, metal working, food industry...

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