



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

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



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



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

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.

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.

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centrifugation

GENERAL FEATURES

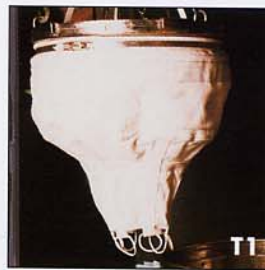
- Vertical axis centrifuge.
- Cast iron shell base.
- Outer shell manufactured from mild steel with full lid opening.
- Hooped stainless steel basket.
- Basket rotation achieved by side-mounted electric motor (IP55).
- Centrifugal or hydraulic clutch according to centrifuge type to allow soft start.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



Standard basket.



Cell basket for tops, cylindrical bobbins. Type KFUS.



Removable filtration bag for flocks. Type KSA.



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

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 → SC125 K) 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 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.



Basket for conical bobbins/packages. Type KBO.



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



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



Loading trolley (for Type KFI).

TYPE	Speed (rpm)	BASKET					Hourly starting number	Motor power (kw)	Machine weight (kg)
		Diameter (mm)	Height (mm)	Volume (dm ³)		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

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