

CONTINUOUS CENTRIFUGAL HYDRO EXTRACTORS FOR LOOSE STOCK TEXTILE FIBERS SCPC-TE TYPE



KEY FEATURES OF SCPC-TE CENTRIFUGES



EASE OF USE

- Space optimisation: a compact unit; the SCPC-TE requires only a small area and due to its closed continuous process, the usual working environment of a hydro-extractor can be simplified.
- Limited maintenance. The spare parts are infrequently required because imbalance is kept to a minimum, due to a regular feed into the rotating basket, and because individual starts and stops are significantly reduced.



QUALITY

- Consistent extraction: by operating on thin layers of fibres, the centrifuge enable us to obtain a uniform remaining moisture content.



PRODUCTIVITY

- Design for feeding and discharging of fibres in a continuous way, allowing the greatest possible throughput.

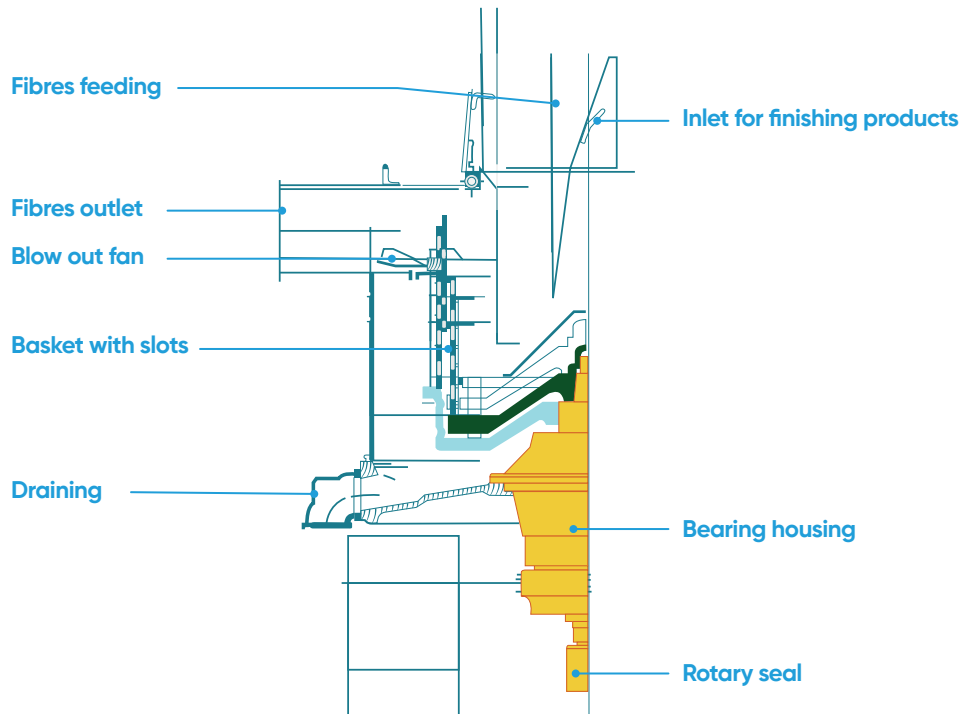
MAIN SPECIFICATION

The inside of the double step basket is equipped with vertical slotted griddles.

The down step works as a pusher and has an alternate up and down motion via an hydraulic device.

Thus the material to be treated which is continuously introduced into the basket in rotation pushes the already centrifuged product according to the pusher frequency and stroke.

The fibres outlet is tangentially done by means of a crown placed on the basket top part.



Optional equipment and auxiliaries

- An all stainless steel version when dealing with corrosive products (exemple: carbonising industry).
- Full opening of the lid for complete access to the basket and allowing quick and easy cleaning when necessary.
- Selection of the aperture size of the filtering medium which can be adapted to suit the required fibres dimension (exemple: in flock industry we have a very small gap in the filtering media, whereas in the wool fibre industry we have a larger gap).
- Speed variation a frequency inverter. The goal is to optimise liquid extraction in the full respect of relevant fibre structure.

TECHNICAL CHARACTERISTICS OF SCPC-TE RANGE

TYPE	Ø mm	Rotation speed t/mn	Motors power kW		Dimensions L x l x h mm	Total weight kg	Hourly outputs in fry weight kg		
			Centrifuge	Hydraulic unit			Synthetics	Wool	Cotton
SCPC 120TE	900	950	15	4	2100 x1930 x2500	3060	1000 > 1600	800 > 1200	450 > 700
SCPC 150TE	1200	850	30	11	2750 x2320 x2740	5920	1400 > 2000	1200 > 1800	700 > 1200

HEADQUARTERS

ROUSSELET ROBATEL
45 Avenue Rhin et Danube
Parc d'activité économique de Marenton
07104 ANNONAY - FRANCE
Tel.: +33 / (0) 4 75 69 22 11
E-mail: info@rousselet-robatel.com

UK

Rousselet UK Ltd
Parkside House, 17 East Parade
HARROGATE
NORTH YORKSHIRE HG1 5LF
Tel: + 44 (0)1 423 530 093
E-mail: info@rousselet-robatel.com

DEUTSCHLAND

ARRGOS GmbH
Max-Eyth-Str. 1
D-71691 Freiberg a.N.
Tel: +49(0)7 7229 20
Fax: +0)173 757 6226
Email: nicolas.kiehl@arrgos.de

USA

Robatel Inc.
703 West Housatonic Street
PITTSFIELD
MA 01201
Tel: + 1 413 499 4818
E-mail: sales@rr-centrifuge.com