



CONTINUOUS CENTRIFUGAL HYDRO EXTRACTORS for loose stock textile fibers SCPC-TE TYPE



KEY FEATURES OF SCPC-TE CENTRIFUGES



EASE OF USE

- Space optimization: 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 fibers, the centrifuge enables us to obtain a uniform remaining moisture content.



PRODUCTIVITY

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

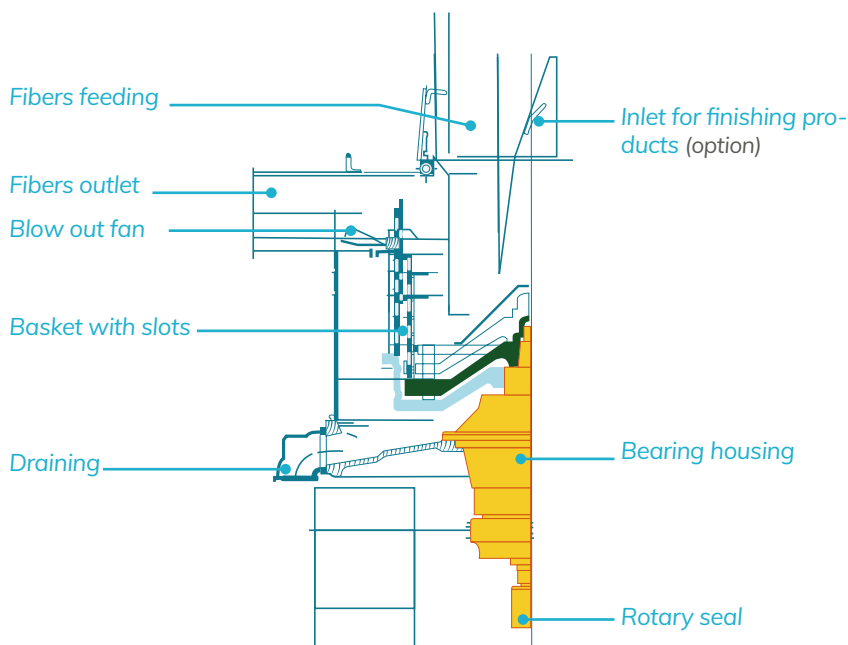
MAIN SPECIFICATION

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 a 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 fiber outlet is carried out tangentially by means of a crown located at the top of the basket.



OPTIONAL EQUIPMENT AND AUXILIARIES

- **All stainless steel version** when dealing with corrosive products (example: carbonizing 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 fibers dimension (example: in flock industry we have a very small gap in the filtering media, whereas in the wool fiber industry we have a larger gap).
- **Speed variation by hydrostatic transmission** or via a frequency inverter.

The goal is to optimize liquid extraction in the full respect of relevant fiber structure.

TECHNICAL CHARACTERISTICS OF SPC-TE RANGE

TYPE	Ø mm	Rotation speed rpm	Motors power kW		Dimensions L x w x h mm	Total weight kg	Hourly outputs in dry weight kg		
			Centrifuge	Hydraulic unit			Synthetics	Wool	Cotton
SCPC 120 TE	900	950	15	4	2.100 x 1.930 x 2.500	3060	1000 > 1600	800 > 1200	450 > 700
SCPC 150 TE	1200	850	30	11	2.750 x 2.320 x 2.740	5920	1400 > 2000	1200 > 1800	700 > 1200

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