

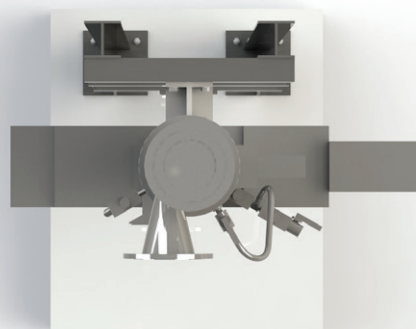
## TT HighDensityCleaner

Suitable to work both with virgin pulp and recycled paper, the **TT HighDensityCleaner** is designed to reliably remove heavy contaminants from pulp suspensions at consistencies up to 6% in order to clean the stock and protect against wear the machines downstream in the process. The inlet head geometry has been studied in order to have high

turbulence and the contaminants separation is assured by the centrifugal forces created as the pulp rotates inside the cleaner. The cone top part is made in stainless steel to assure a long life while the cone bottom part can be manufactured, for virgin pulp applications, in a transparent composite that resists to wear but allows to see the internal

vortex or, for the dirtiest pulps, in stainless steel with optional ceramic lining. Also in this second case, the cone is provided with transparent inspection windows to check the vortex.

All wet parts are made in stainless steel, eventually except the bottom cone.



Model	HDC400	HDC800	HDC1200	HDC1600	HDC2000	HDC3000
Hydraulic flow rate (l/min)	400	800	1200	1600	2000	3000
Stock consistency (%)	3 - 6					
Differential pressure (bar)	1.0					



Additionally, the heavy rejects trap is provided with sight glasses. These features, together with the rotor-less concept, make the **TT HighDensityCleaner** very easy to operate and quick to maintain. Moreover the fiber losses are minimized thanks to the reject trap design.

The **TT HighDensityCleaner** is supplied complete of a robust installation stand and all the valves necessary

to operate and accurately regulate the water flow. If installed as first cleaner of a two stage system, it can be designed to have a continuous reject flow; if applied as single stage or second cleaner, it is equipped with a trap that in automatic mode periodically discharges the rejects through a specially designed gate valve.

For more information:

[info@toscotec.com](mailto:info@toscotec.com), [www.toscotec.com/products](http://www.toscotec.com/products)

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