

Machinery and Plants for  
**Paper Industry**  
**Water Treatment Systems**



**High density cleaners DPD**

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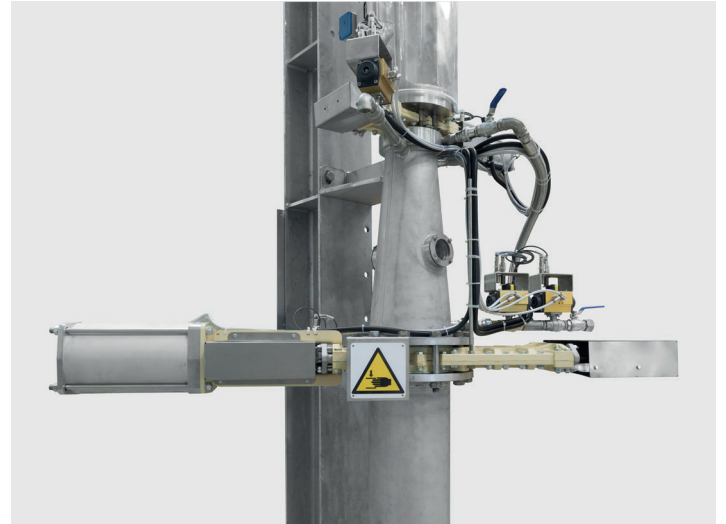
This cleaner is especially suitable to remove heavy contaminants such as grit, small stones and paper clips from pulp suspensions having 3 ÷ 5% consistency.

Separation is obtained through a centrifugation process that is performed by subjecting the pulp to a fast rotation and to a subsequent pressure drop in the inlet winding frame. Therefore, the cleaner has no moving parts and can afford a long life guarantee accompanied by simple maintenance operations.

After separation, the heavy parts fall along the conical part and are collected in the junk trap that can be operated in manual or automatic mode. The stock cleaned goes up in the centre of the cleaner for the following treatment process.

By removing heavy contaminants (grit, stones, staples etc..) the high consistency cleaner protects pressurized screens, refiners, deflakers from damages or fast wearing enhancing their performances.

A wide range of models also with automatic discharge of the contaminants is available to meet heavy-duty production requirements.



Model	DPD 4	DPD 8	DPD 12	DPD 16	DPD 20	DPD 25	DPD 30
Flow rate [l/min]	500	800	1200	1600	2000	2500	3000
Stock consistency [%]	3 ÷ 5						
Operating pressure [bar]	5						
Differential pressure (inlet - outlet) [bar]	1,0 ÷ 1,5						