Machinery and Systems
for Paper Industry

ST MACCHINE

Disc filter FDV

Disc filter FDV

11/2015 Schio
www.zorattistudio.it

The **ST Macchine** disc filter is designed for thickening applications and it is composed by a series of discs with diameters of 3000 mm or 3800 mm.

The disc filter is mainly used for two different applications thickening in the stock preparation or white water cleaning in the approach flow.

In the white water cleaning, the disc filter is used for production of filtered water to be reused in the mill to minimize the fresh water demand

The disc filter can typically increase the consistency in the range from 0.3 -1.3% (inlet) up to 10-12% (outlet) depending by the stock or water characteristics.

Disc sectors are assembled on a centre shaft with full visibility of flow channels: the pulp material formation starts under vacuum; cloudy and filtered water are extracted due to filtrate valve with particular design and pulp is detached by the sectors by an high pressure spraying pipe; pulp is removed by a screw conveyor positioned on the side part of the vat.

S.T. MACCHINE SpA
via Calcara, 1
36030 Monte di Malo (VI) Italy

tel +39 0445 602688
fax +39 0445 605452

www.stmacchine.it
info@stmacchine.it