

Machinery and Plants for
Paper Industry
Water Treatment Systems



Disc filter FDL

Disc filter FDL

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

It is mainly used for thickening the pulp in the stock preparation.

The disc filter can typically increase the consistency in the range from 0.9% - 1.3% (inlet) up to 4% - 6% (outlet) depending on the stock characteristics.

The sectors are assembled on a central shaft with full visibility of flow channels: the pulp panel formation on the discs starts by gravity, the pulp is detached from the sectors by a high pressure spraying pipe and is collected into a front hopper. The filtered water is extracted through the central holed shaft featuring of a special design.

