

MicraScreen

Economical solids/filtrate separation



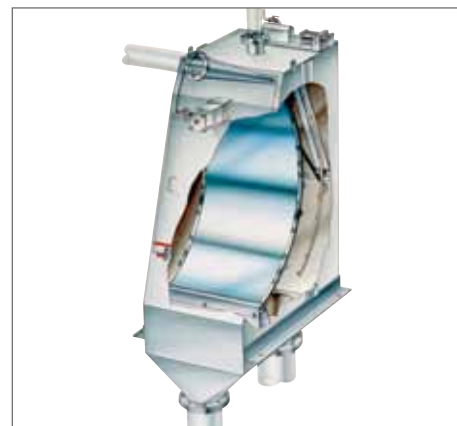
MicraScreen

For various separation and fractionation applications

The ANDRITZ MicraScreen is a versatile, pressure-fed bow screen for various separation and fractionation applications in the Pulp & Paper Industry. It can be used for fiber recovery, thickening, solids removal, fractionation and fiber/filler separation.

The suspension is pumped to the MicraScreen feed chamber at 0 - 2% consistency. It enters the screen plate tangentially at high velocity. Injection carries the suspension across the curved screen sur-

face, where it splits into filtrate and solids. Fine suspended solids pass through the plate with the filtrate and fibrous materials aligns with the direction of injection flow on the screen plate.



Benefits

- **Cost effective solids/filtrate separation for various pulp and paper applications**
- **Simple, reliable operation**
- **Automatic screen plate washing and feed slice flushing**
- **Compact, closed design**
- **Wide screen plate selection**
- **Pressurized feed – high capacity**



MicraScreen	Single	Double	Triple
Screen plate area [m ²] / [sqft]	1.3 / 13.6	2.5 / 27.1	3.8 / 40.7
Feed pressure [kPa] / [psi]	150 - 250 / 22 - 36	150 - 250 / 22 - 36	150 - 250 / 22 - 36
Wash water amount [l/s] / [Usgpm]	1.7 / 27	3.3 / 52	5 / 80
Min. wash water pressure [kPa] / [psi]	500 / 70	500 / 70	500 / 70
Min. instrument air pressure [kPa] / [psi]	600 / 85	600 / 85	600 / 85
Operating weight [kg] / [lb]	550 / 1200	950 / 2100	1400 / 3100

All data subject to change.

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