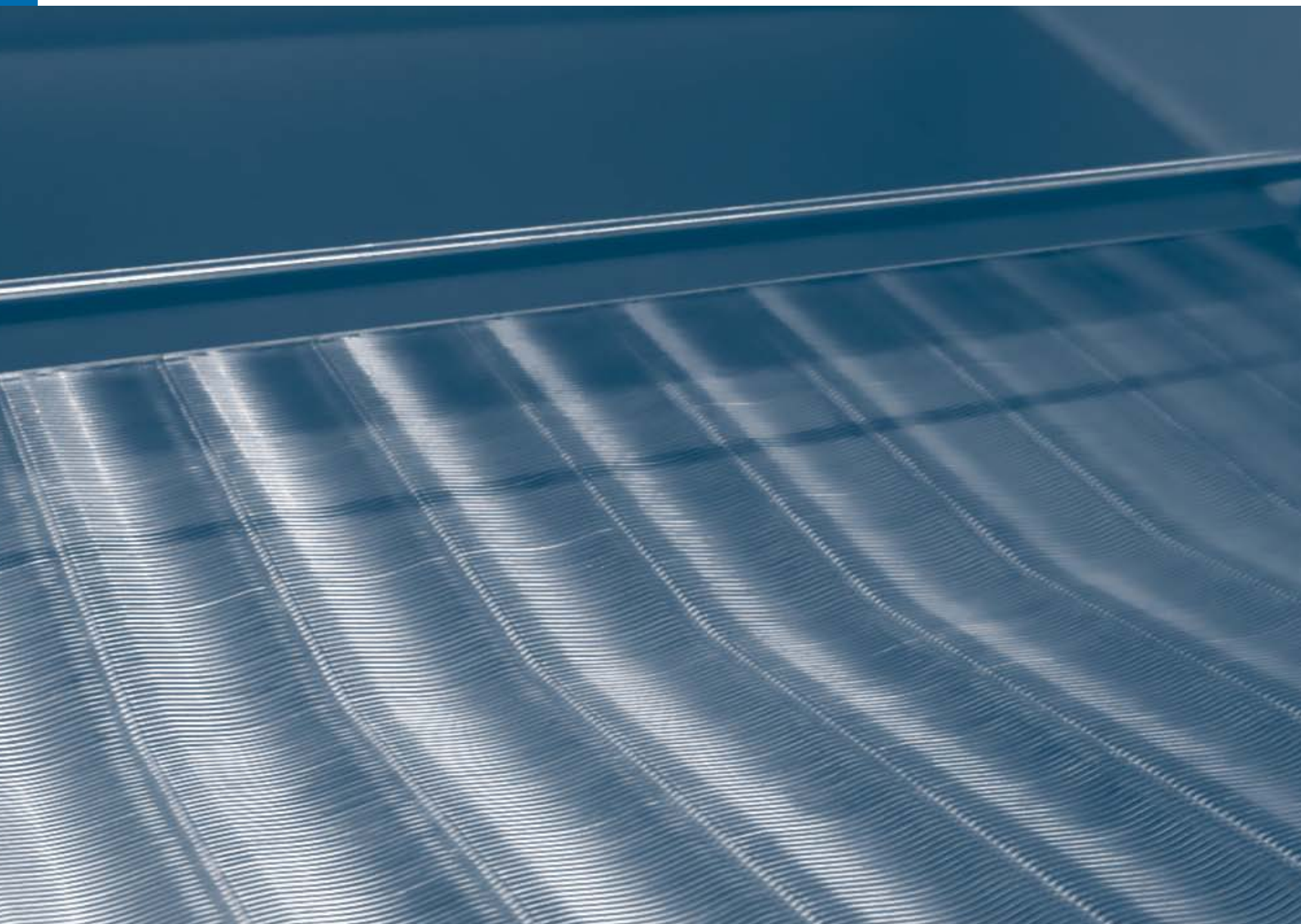


# HydraScreen HS

Static bow screen for effective dewatering

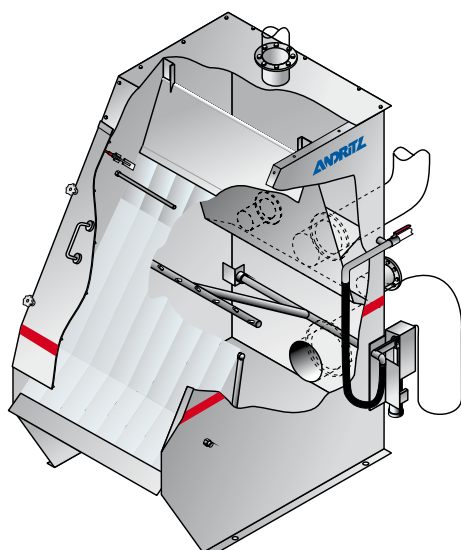


# HydraScreen HS

## For various dewatering and cleaning applications

The ANDRITZ HydraScreen is a static bow screen for various dewatering and cleaning purposes in the pulp and paper industry. It can be used for fiber and solids recovery, thickening process and waste water treatment, as well as for dewatering of water from chip washers and barking drums.

The stock is pumped by gravity into the HydraScreen headbox. When the stock flows over the headbox weir, the flow speed increases and the stock layer becomes thinner as it approaches the screen surface. Most of the liquid is removed on the first slope of the screen surface. On the following slopes, more liquid is removed and the solids start to roll down the surface of the screen.



### Benefits

- High capacity in relation to floor space required
- Minimum control and maintenance requirement
- Automatic screen surface washing
- Low investment and operating costs
- Wide selection of screen plates

### Characteristics

HydraScreen HS	HS750	HS1000	HS1500	HS2000	HS3000
Width [mm] / [inch]	750 / 29.5	1,000 / 39.4	1,500 / 59.1	2,000 / 78.8	3,000 / 118.2
Operating weight [kg] / [lb]	900 / 1,983	1,150 / 2,533	1,650 / 3,635	2,300 / 5,067	3,200 / 9,172
Wash water volume [dm³/s] / Usgpm]	1.0 / 15.8	1.3 / 21.1	2.0 / 31.7	2.7 / 42.2	4.0 / 63.4
Wash water pressure [kPa] / [psi]	min. 500 / 70 - max. 800 / 120				
Instrument air pressure [kPa] / [psi]	min. 600 / 85				

All data subject to change

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