

# Headbox Screens

ModuScreen™ HB

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## Final protection before headbox

Excellent screening performance leads to superior paper/board quality. Factors such as the screening equipment's availability and runnability are key factors in achieving production goals and reducing maintenance requirements.

The ModuScreen™ HB headbox screen from Andritz is designed to meet the most stringent requirements for paper stock quality and operating performance.

The proven and successful inflow design of the screen, combined with the correct application of hole or slotted screen cylinders, can be applied to any machine for paper or board manufacturing.

Many world-class paper machines producing the highest quality paper grades rely upon Andritz headbox screens.

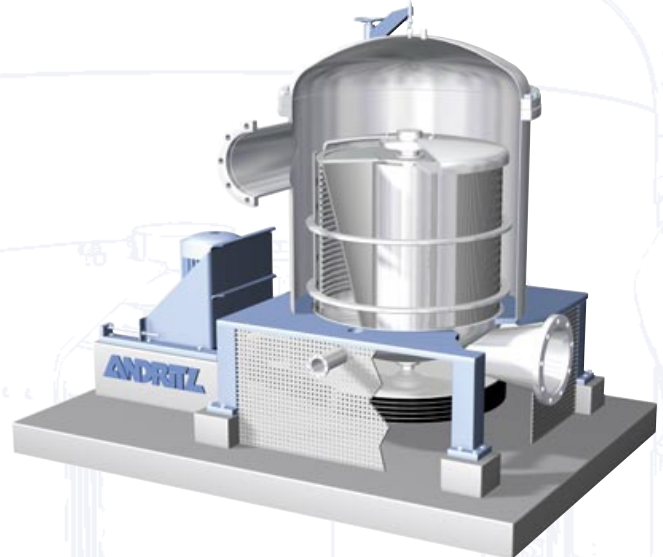
This includes main line machine screening as well as dilution headbox screens.

Andritz screening experience in critical applications have led to the continuous development of efficient, pulsation-free screening for paper/board machine headboxes.

The Inflow Principle of the ModuScreen™ HB directs any heavy particles and impurities in the stock to the outer periphery of the screen body. This way, the clearance between foil rotor and screen cylinder stays free of any damaging particles.

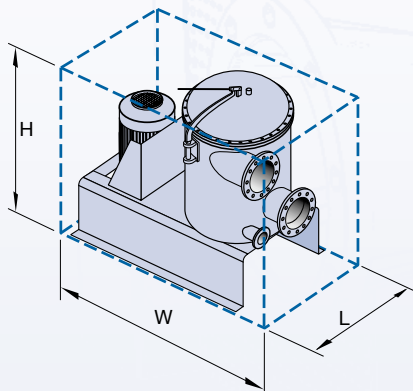
Design of the accepts space, quality polishing and counter-fit flanges ensure a constant velocity of the stock through slots and in accept space. This prevents internal deposits from accumulating.

Extremely low pulsation is required for any headbox



screen. The ModuScreen™ HB feed space design and a smooth rotor cover prevent any direct pulses from reaching the screen cylinder surface. A wide accepts opening with a pulsation diffuser also contribute to the lowest possible pulsation levels at the headbox.

The overall design simplifies operation and maintenance. The rotor is installed in such a way that adjusting clearance and replacing foils can be easily done.



MODUSCREEN	H		H <sub>(maintenance)*</sub>		W		L	
	mm	inch	mm	inch	mm	inch	mm	inch
HB1	1990	78	2190	86	1500	59	940	37
HB2	2360	93	2650	104	1860	73	1160	46
HB3	2880	113	3400	134	2170	85	1350	53
HB3.5	3230	127	3700	146	2670	105	2000	79
HB4	3380	133	3900	154	3000	118	2150	85
HB5	3920	154	4530	178	4200	165	2550	100
HB6	4450	175	5130	202	5000	197	3050	120
HB7	4800	189	5830	230	5000	197	3050	120

\* minimum required height for maintenance (additional space required for lifting crane)

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