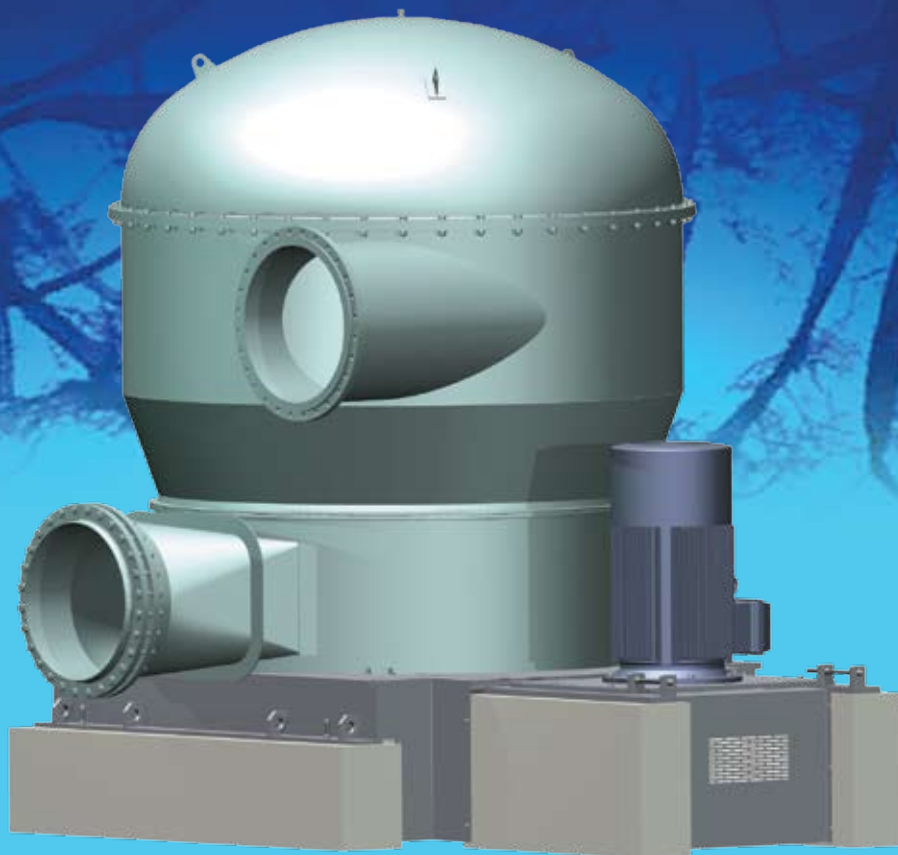


PERISCREEN-M

**Machine Screen for all stock types
and applications**



Low energy consumption
Reliable operation
Low pulse

PERISCREEN-M

MODERN DESIGN MACHINE SCREEN

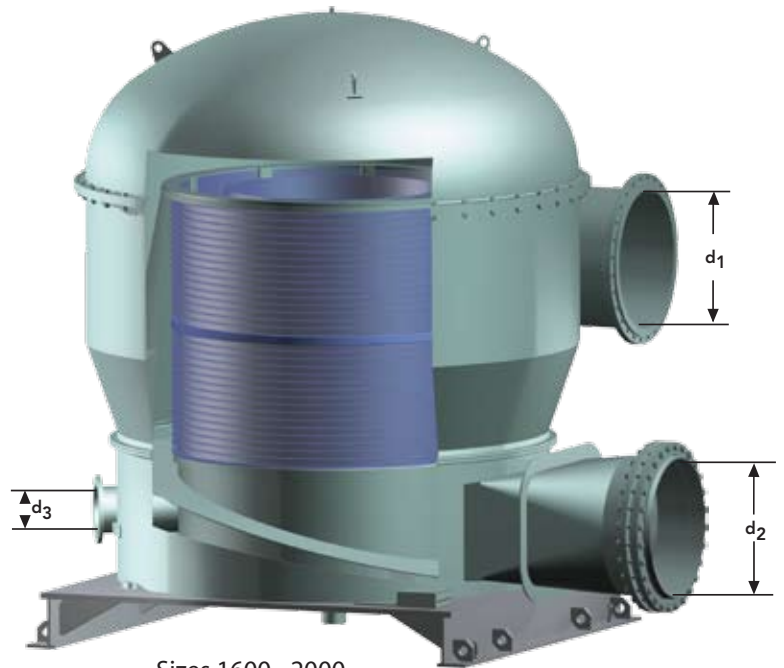
PERISCREEN-M is a high capacity machine screen featuring low energy consumption, high efficiency and availability, low maintenance costs and compact design. It can be used for all stock types and applications as an important stage in the approach flow system.

PERISCREEN-M serves as a protection screen effectively removing remaining impurities and deflocculating the stock prior to entering the headbox.

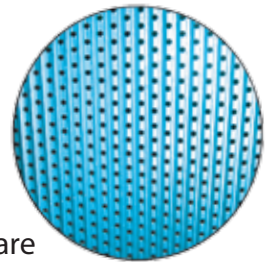
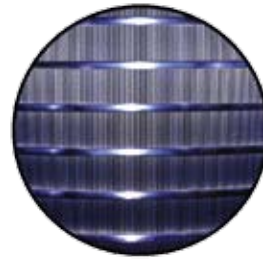
Due to its design, PERISCREEN-M is practically pulsation free, which in combination with the excellent deflocculation effect promotes good formation and very low MD and CD variations.

LOW ENERGY CONSUMPTION

The optimized and functional design ensures low energy consumption at high operational reliability.

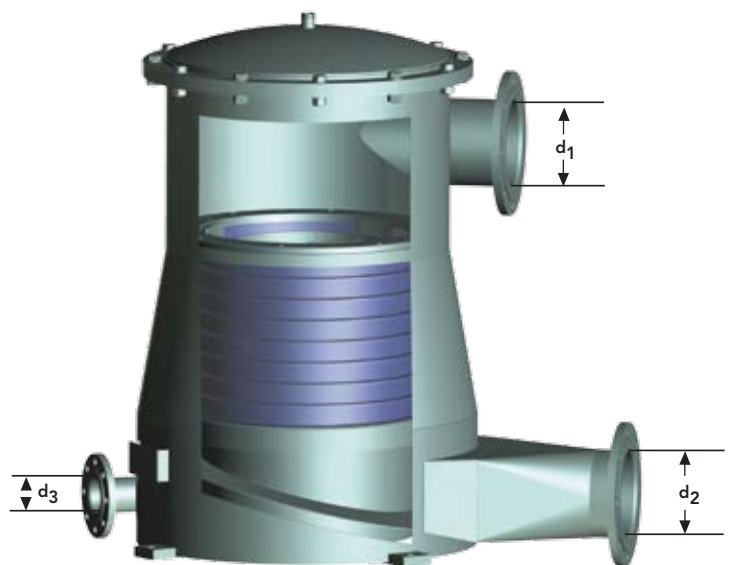


Sizes 1600 - 2000



PERISCREEN-M screen baskets are available with either slots or holes.

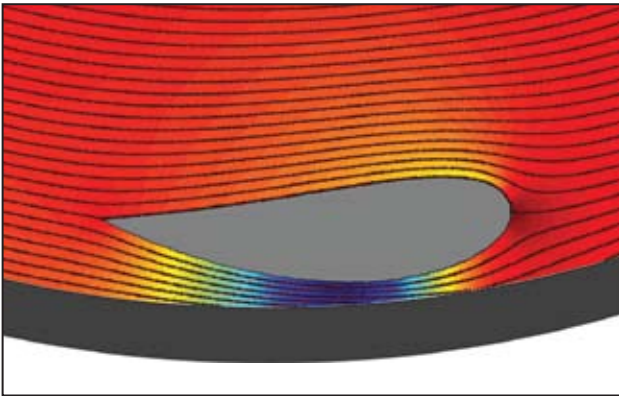
SIZE	Screening area A_s m ²	Stock Inlet dia d_1		Accept dia d_2		Reject dia d_3	
		mm	in	mm	in	mm	in
400S	0.26	200	8	200	8	80	3
400	0.39	200	8	200	8	80	3
500	0.64	250	10	250	10	80	3
630	1.01	300	12	300	12	100	4
800	1.65	400	16	400	16	150	6
1000	2.70	500	20	500	20	200	8
1250	4.15	600	24	600	24	200	8
1600	6.36	800	32	700	28	250	10
2000	10.47	1000	40	900	36	300	12



Sizes 400S - 1250

DESIGNED WITH LATEST FLUID DYNAMICS TECHNOLOGY

All flows through PERISCREEN-M machine screen have been simulated with advanced Computational Fluid Dynamics (CFD) technology in order to optimize operating conditions. This has led us to the design of a powerful machine screen that combines modern design and functionality and meets today's demands for process optimization.



Different rotor foil designs are simulated to optimize screening efficiency.

TROUBLE-FREE OPERATION AT HIGH CAPACITIES

The screen's optimized fluid dynamics lead to a stable flow and uniform impact on the screen basket. Specially designed rotating foils aim to deflocculate the stock in order to keep the screen basket plug-free and guarantee smooth operation at high capacity.

ADVANCED STOCK FLOW FEATURES

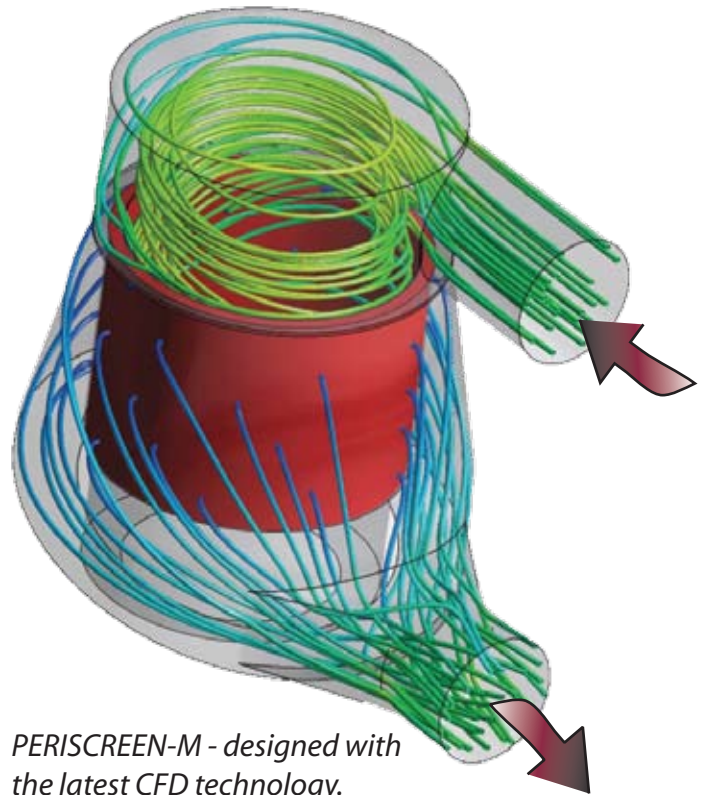
The unique design, combining an optimal rotor, a conical housing section and a sloped accept chamber improves the flow distribution throughout the entire screening zone. This results in a high capacity machine screen guaranteeing maximum availability.

IMPROVE YOUR PRODUCT QUALITY

Due to its design, the PERISCREEN-M machine screen provides a very uniform velocity profile. This ensures an evenly distributed stock suspension at the headbox. As a result, improved formation and enhanced product quality is achieved.

OPTIMIZED PROCESS SOLUTIONS

Noss has through many years of experience gained valuable know-how in the field of process optimization. That's our customers' advantage.



PERISCREEN-M - designed with the latest CFD technology.



LOCAL SUPPORT – WORLDWIDE

The global Noss organization is adapted to the pulp and paper industry's regional requirements. Through our own offices around the world we provide our customers with service and support close to their operations. Our service engineers regularly service all Noss installations in order to secure optimal operating conditions.

Warehouses in Europe, Asia and North America ensure fast availability of spare parts.



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