



OptiScreen MS

Machine screening

OptiScreen MS screens provide the important final cleaning stage in the approach system, removing any remaining impurities and deflocculating the stock.

High efficiency

The screening efficiency of the OptiScreen MS series is based on the design features of the outflow-type screen and the interaction of the patented rotor and foil. Pulsations are minimized as a result of the overlapping and inclined positioning of the foils combined with the foil shape and the profiled, electro polished surfaces of the screen body. The MS screen features a robust outflow design, sturdy rotor and foil support, and durable screen baskets, thus eliminating process vibration, disturbances and basket collapse in high-pressure designs. Available in vertical and horizontal designs, they can be operated with both slotted and hole screen baskets.

Easier installation and maintenance

The low design of the horizontal model facilitates installation in basements with low ceilings, allowing simplified feed and accept piping with fewer elbows. Maintenance is also easier with simple removal of the screen basket for washing possible without removing the rotor. Additionally, drive belts located at the end of the screen offer easy access for service.



Key benefits

High screening capacity and efficiency

- Uniform flow of stock throughout the screen basket area
- Optimal velocity difference between stock rotation and flow
- Drop in pressure across the screen basket minimized
- Efficient removal of impurities

High availability and reliable operation

- Robust design
- Precision cleaning of interior surfaces
- Easy maintenance

Nimax MS screen baskets

Offering excellent dynamic strength and increased capacity compared to conventional screen baskets, the Nimax MS screen basket has been designed specifically for machine screening applications. The smooth wire design provides a stringing free operation with a non-turbulent and streamlined flow through the accept channel between two adjacent wires.

Our overall efficient solutions help you to save energy, raw materials, water and maintenance costs.

Kimmo Harju,
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