

Virgin Pulp	Graphic/ Speciality	Raw Material Handling	Pulping	Screening	Centrifugal Cleaning	Deinking	Washing Dewatering	Fiber treatment	Approach Flow System	Water, Sludge, Reject
Recovered Paper	Board & Packaging									
Broke + Approach Flow System	Tissue									
ProEnergy ++++		ProQuality +++		ProCapacity +++		ProYield +++		ProSpace ++		ProEnvironment ++

MultiFoil Screening Rotors

Efficient screening with the MF-E and MF-H variants

Poorer quality raw materials demand increased screening efficiency and pose distinct challenges for facility operators. Voith MultiFoil™ rotors are the ideal answer, combining maximum screening quality and throughput with optimal energy use in each area of application.

The proven MultiFoil rotor concept allows reliable, efficient operation of the screen with C-bar slot and hole screen baskets. Using Voith's patented foil geometry, with an effect similar to that of an airplane wing profile, the flow facilitates ideal screening.

Customer benefits

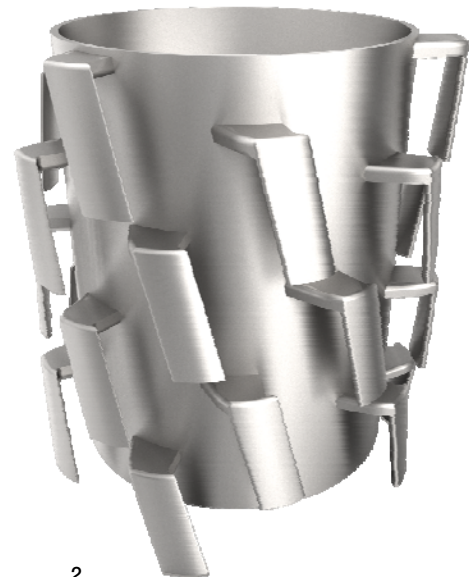
- + Dynamic pressure and suction pulse
 - + ideal differential speed between rotor and pulp suspension
 - + no additional shredding of contaminants or stickies
 - + lowest wear on processed screen basket surface
- + Engineered MultiFoil blade geometry
 - + zero spinning of fibers
 - + yields the highest clearing frequencies and improvements in keeping the screen clear
 - + minimal pulsations while the system is operating
- + Energy-saving screening resulting from
 - + The optimal number of blades and their multi.stage configuration clear
 - + low rotational speeds

1 MultiFoil E (Economy)

2 MultiFoil H (High-end)



1



2

Areas of application

Voith MultiFoil rotors were developed for use in stock preparation and approach flow system screening for Voith screens, and for the centrifugally operated pressure screens of all other manufacturers.

For use in an approach flow system, we recommend our MF-H series to counteract any developing pressure pulses. For all stock preparation applications, the MF-E series ensures energy-optimized operation (up to 15 percent less than the MF-H series).

Options and possible combinations

To achieve the best screening efficiency for a machine or system, Voith offers an on-site ScreenFit analysis. This analysis enables Voith to design a customized screen basket and rotor set to maximize performance gains. The MultiFoil rotor can be combined with all C-bar slot and hole baskets.

Maintenance intervals and services

Voith technicians work on a case-by-case basis to determine the optimal service intervals for your new rotor. Our technical customer service center is available for further information and targeted advice.

References

Efficiently meeting customized requirements, Voith MultiFoil rotors set the highest technological standard worldwide for screening — in the most varied applications for graphic paper, board and packaging, tissue, groundwood pulp, and specialty paper grades. Nearly all large international pulp-and-paper producers, as well as medium-size and small regional manufacturers, use MultiFoil rotors from Voith, a tried and true technology for many years.

3 MultiFoil blade geometry



Further information

- Link to product finder:
www.voith.com/paper