

Raditrim-F™ Tailing Fine Screen

For most efficient fiber recovery
in fine screening systems

*High-efficiency screen
with low maintenance
requirements*



Raditrim-F

Tailing Fine Screen

Enhanced Screening Efficiency

The Raditrim-F is a completely enclosed tailing fine screen combining shive separation and thickening with effective fiber recovery. It is designed to operate as the final stage in fine screening systems and can be used for all pulp types.

Excellent Fiber Recovery Properties

Due to the optimized and functional design featuring a unique conical screen drum and a conical rotor, the Raditrim-F tailing fine screen provides excellent fiber recovery at high operational reliability.

The adjustable dilution ensures optimal washing efficiency for each section of the screen drum whilst the shives are continuously moved upwards towards the reject chute, where they can easily be taken out of the system for further processing or discharge.

It is recommended to install a high density cyclone ahead of the Raditrim-F tailing fine screen for separation of abrasive, heavy-weight impurities, which minimizes wear of the screening equipment.

The accept from the Raditrim-F tailing fine screen is recirculated to one of the prior stages in the fine screening system for further processing of the recovered fibers.

High Reject Consistency

The Raditrim-F tailing fine screen provides a high reject consistency with practically fiber-free shives that are immediately ready for further processing. This facilitates easy reject handling with less energy requirements.

Low Maintenance Costs

The Raditrim-F's optimized design ensures easy access to exchangeable wear parts, which keeps downtime during maintenance to a minimum.

Benefits



Low Power Consumption

- Optimized and functional design ensures low energy consumption at high operational reliability



High Fiber Recovery

- Efficient shive washing leads to considerable fiber savings



High Reject Consistency

- Easy reject handling with less energy requirements



Low Maintenance Costs

- Robust and optimized design
- Low maintenance costs



Trouble-Free Operation

- Smooth performance
- High runnability and maximum uptime

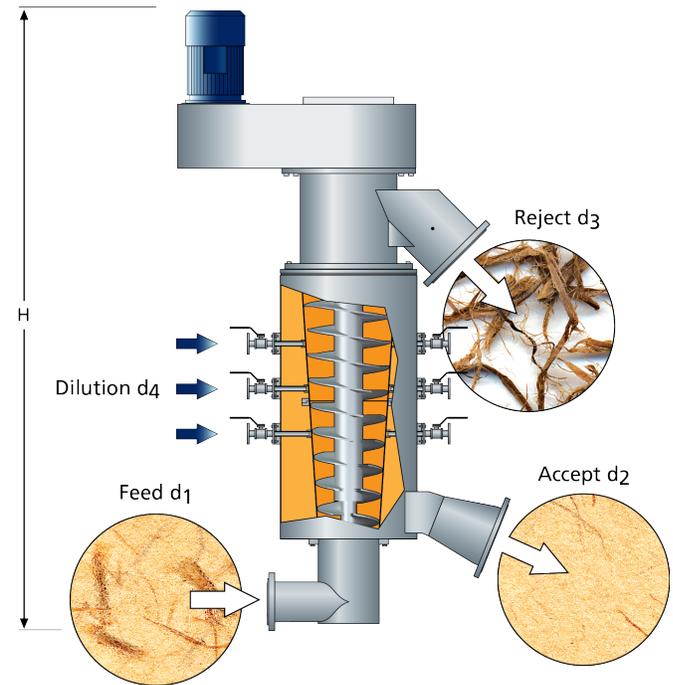


Rejected shives - ready for further processing.

Functional design



Raditrim-F tailing fine screen installation



Model Size	Height H		Feed dia d ₁		Accept dia d ₂		Reject dia d ₃		Dilution dia d ₄	
	mm	in	mm	in	mm	in	mm	in	mm	in
F400/600	4125	162	200	8	400	16	400	16	25	1

Specifications and information subject to change without notice. General dimensions and not certified for construction or installation.

The easily accessible slide bearing enables simple and time-saving replacement.



Easy maintenance

Due to the production environment, the exposed components are subject to wear, and it is therefore important that they can be reached easily during maintenance.

The rotor can be lifted out of the screen drum without having to remove the motor. Since the lower bearing assembly is mounted directly on the rotor, maintenance can be performed most efficiently. This shortens downtime during maintenance considerably.



Raditrim-F tailing fine screen installation

Innovative Design

The main section of the Raditrim-F tailing fine screen is equipped with a conical screen drum in which a conical rotor carries the pulp upwards separating fibers from shives. Highly efficient, discontinuous rotor blades enhance the fiber recovery by promoting a smart recirculation of the shives.

The unique conical screen design allows for accurate adjustability of the distance between the rotor and the screen drum surface, which prevents the screen from plugging and ensures better runnability.

Designed almost vertically, the reject chute at the top of the screen ensures smooth shive reject handling, which prevents material build-ups.

Certified Parts and Service 24 Hour Hotline for North America: 1-800-448-5422

For patent information about this and other Kadant products visit <https://kadant.com/en/patents>

KADANT

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Smart Upgrade

The Raditrim-F tailing fine screen is an ideal solution for a cost-effective addition to an existing fine screening system, with increased fiber savings as a result. The ease of installation combined with a fast payback time makes it a smart choice for the benefit of the whole system.

Engineered for great results



Improved washing efficiency for maximum fiber recovery



Conical screen design for better runnability



Each section equipped with adjustable dilution



Smooth reject discharge through almost vertical reject chute



Rotor easily accessible during maintenance

Fibers are a valuable resource

Most efficient fiber recovery is essential in today's pulp production, where smart fiber management is an important economic factor. The Raditrim-F tailing fine screen ensures that your valuable fibers don't go to waste.