

Slotted Drum Screen

The next generation
of reject handling

*Ideal for removing rejects
anywhere a low attrition
tailing screen is needed*



Slotted Drum Screen

Application

The slotted drum screen is a non-vibrating, low attrition tailing screen that removes debris normally found in the coarse screening loop of most fiber recycling mills.

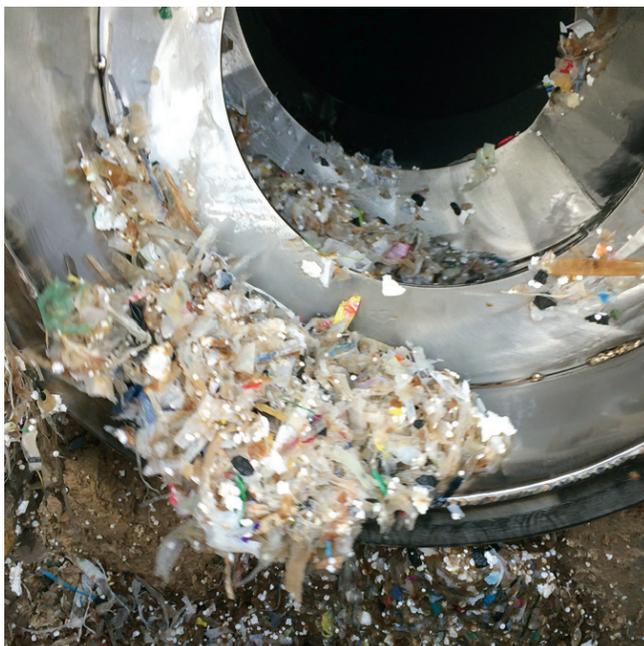
Ideally suited for processing rejects from a Kadant Black Clawson Float Purger™ stock cleaning system or anywhere a non-pressurized tailing screen device is used.

Operation

The slotted drum screen consists of a slowly rotating slotted wire cylinder with a baffle screw. The pulp slurry, with concentrated rejects, enters the center inlet of the drum screen. The loose fiber is washed through the cylinder and the accepts can go back into the system.

Results

The concentrated rejects continue to dewater as they move down the cylinder. Due to the non-pressurized operation and screening with small slots versus larger holes, styrofoam removal efficiency is extremely high.



Benefits



Available in multiple size ranges for different production rates



Low horsepower requirements save on energy consumption



Extremely efficient for the removal of styrofoam



Gentle on contaminants, rejecting more trash and debris with minimal containment breakdown



Cost saving, low maintenance design with minimal moving and vibrating parts requires fewer spares and increases uptime

The slotted drum screen rejects more contaminants with less energy than conventional solutions.

Low horsepower requirements maximize efficiency and keep cost down

Stainless steel enclosure minimizes water emissions during operation

Easy access inspection ports

Oscillating shower system efficiently cleans screen surface

Internal screw and paddle system conveys contaminants with minimal breakdown

Stainless steel construction of all wetted parts



The slotted drum screen is excellent for the removal of styrofoam, one of the most abrasive contaminants found in recycling furnish.

Our slotted drum screen is the perfect choice for processing rejects from a Float Purger stock cleaning system

Foundations Fiber Product Line



A Trusted Partner

Stock preparation is in our DNA. We know this industry like few others – your equipment, your processes, and your challenges. We have the know-how and tools to elevate the efficiency of your production. Our team can help monitor, maintain, and upgrade your line, providing process improvements, replacement parts, rebuilds, and comprehensive maintenance plans.

We understand what it takes to remain competitive, protect your investment, and extend the life of your stock preparation assets. To that goal, we offer:

- Field services, inspections, and audits
- Rebuilds and retrofits
- Upgrades and modernizations
- Maintenance and service contracts
- Process control solutions
- Replacement upgrades and spare parts

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

Expertise to Empower You

Our team is there for you at every step. We help you select the right options to best meet your specific needs.

We have generations of experience, a history of innovation, and a proven record of success across the globe. Our skilled engineers, process professionals, application experts, manufacturing, and field service teams have thousands of successful installations to their credit.

Get You Running, Keep You Running

Our technical service and support teams are ready. We provide superior guidance in the planning, design, engineering, installation, and start-up of your systems. Our products and expertise cover the full range of stock preparation and pulping, including:

- Pulping
- Screening
- Cleaning
- Thickening
- Deinking
- Detrashing
- Refining and dispersing
- Reject handling
- Recovery systems
- Heat transfer
- Pulp washing
- Reausticizing

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

KADANT

fiberprocessing.kadant.com Kadant is a global supplier of high-value, critical components and engineered systems used in process industries worldwide.

North America, Central America, and Japan:

Kadant Black Clawson LLC
1425 Kingsview Drive
Lebanon, OH 45036 USA
Tel: +1-513-229-8100
Email: info@kadant.com

China, Taiwan, and South Korea:

Kadant Fiberline (China) Co. Ltd.
STE 1960, Beijing Sunflower Tower
37 Maizidian Street, Chaoyang
District, Beijing 100125 China
Phone: +86-10-65813011/12/13
Email: Marketing.KFC@kadant.com

EMEA, APAC, and South America:

Kadant Lamort SAS
39, rue de la Fontaine Ludot,
B. P. 30046
Vitry-le-Francois cedex 51302
Phone: +33-26-74-80-80
Email: kadant.lamort@kadant.com

Kadant Noss AB
Malmgatan 25
602 23 Norrkoping, Sweden
Phone: +46-(0)-11-23-15-00
Email: info.kadantnoss@kadant.com

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