Cantilevered Drum Screen

Non-vibrating, low attrition tailing screen removes debris from coarse screening loop

Dependable dewatering of coarse screen rejects
Run smooth and steady with this low-horsepower, low-attrition tailing screen from Kadant. Employing a non-vibrating process that's easy on rejects, this rugged unit efficiently removes coarse debris and maximizes water recovery from your reject loop.

With an eye on your bottom line, Kadant’s newest drum screen line feature a simple, adjustable cantilevered design that optimizes rejects residence time - increasing fiber gain and water recovery - in either batch or continuous operation. The maintenance-free internal screw and paddle system conveys contaminants with minimal breakdown for maximum efficiency.

Manufactured to the highest standards in three sizes, these dependable detrashing drums can be fitted with a variety of screen perforation options to suit any number of production rates and stock qualities. Driven by a forged 4340 steel shaft, this industry standard is built tough with minimal moving parts and a simple eloquent design.

**Benefits**

- **Heavy-duty construction**
  - Reliable service components with extended life operating cycles
  - Forged and stainless steel construction

- **Improved performance**
  - Removes coarse debris while recovering valuable fiber and precious water

- **Low maintenance**
  - Simplified design means minimum maintenance, parts and labor

- **Maximized flow**
  - Stable peak output of both dewatered coarse rejects and accepted filtrate

- **Cost effective**
  - Low horsepower demands equals low cost operation

- **Strategic asset**
  - Perfectly suited for use with the Kadant Floatpurger and the Hydraflow Continuous Detrashing System
  - Excellent for both batch and continuous operation

**Forged 4340 steel drive shaft**

Handles the toughest loads over the long haul

**Rigorously tested and proven strong**, this unit’s rigid construction is built for low maintenance and high dependability
Built for the long run

Dependable simplicity - no plugging, no stringing

- Low-horsepower requirements run smooth and steady with an eye on the bottom line
- Stainless steel construction of all wetted parts
- Stainless steel enclosure minimizes water emissions during operation
- Minimal moving parts
- Simple adjustable supports
- Easy access ports

Oscillating shower system efficiently cleans screen surface

Additional internal shower hydrates stock as needed

Internal screw and paddle system conveys contaminants with minimal breakdown

Drive assembly segregation from wet stock chamber eliminates leaking and reduces wear

Recovered water and fiber pass through the screen and are recycled back into the process

Wet coarse rejects and unrecovered fiber enter through open end

Dewatered and fiber-free rejects are discharged by gravity
The Cantilevered Drum Screen is a strong team player in the Hydraflow Continuous Detrashing System.

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

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