



The Rotoshear<sup>®</sup> PF automatic screen has the integrity of a Rotoshear<sup>®</sup> screen



Sturdy – long life, low maintenance

# Rotoshear<sup>®</sup> PF Fine Screen

Reliable Rotoshear<sup>®</sup> design with fine perforated screening

Parkson extends its family of reliable screens with a new fine rotary drum screen. Screen openings can be 1mm - 3mm with perforated plate. The Rotoshear<sup>®</sup> PF screen uses the same proven construction and operation that have made the Rotoshear<sup>®</sup> line the choice for municipal and industrial applications with high flows, surges and solids loading.

The Rotoshear<sup>®</sup> line features: an internally fed tub or medlow headbox, rugged construction, proven trunnion wheel design and water spray system for automatic screen cleaning.

The Rotoshear<sup>®</sup> PF screen is an ideal choice for fine screening prior to MBR Systems. It does not allow bypass of solids larger than the screen opening, unlike center-flow

band screen technologies. Bypassed solids can foul and even damage downstream membranes. Therefore, the Rotoshear<sup>®</sup> PF screen is the best option for providing ultimate protection of membrane systems.



## How it works

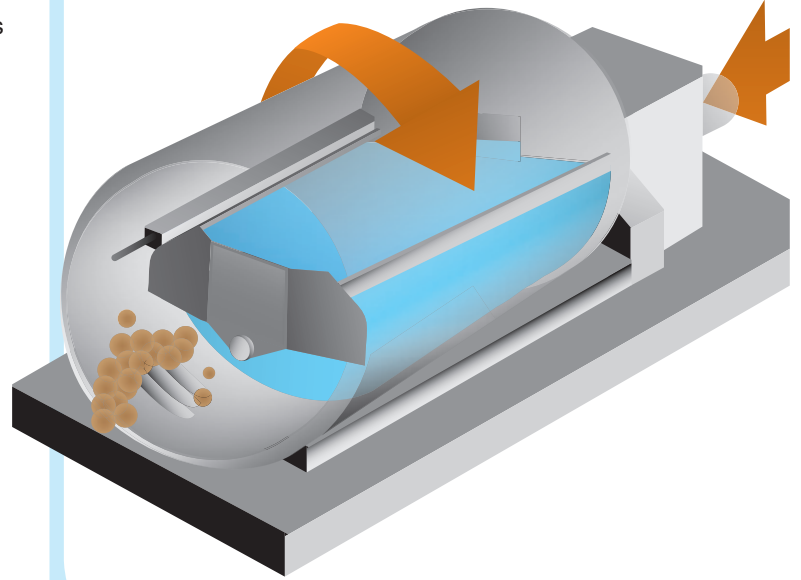
Influent enters the inlet, flows into the headbox, cascades over the weirs and contacts the rotating cylinder.

## Advantages

- Sturdy – long life, low maintenance
- Headbox design easily handles flow variations and surges
- Low horsepower, energy-efficient operation keeps operation costs low
- Water spray bars clean screen surface automatically
- Screen elements are fabricated in sections to make change-out easy
- Replaceable screen elements make screen opening changes inexpensive
- Fully enclosed for safety and containment of liquids
- Provides ideal, no bypass protection for MBR Systems

## Applications (partial list)

- Pre-membrane fine screening guarantees optimum performance of membranes and may allow for an increased warranty
- The HRS-PF is a less expensive alternative to shaker screens and is far less maintenance intensive
- 1-3 mm perforated screen is typically the media of choice for pre-membrane fine screening



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