



The Rotomesh automatic screen has the integrity of a Rotoshear® screen



Sturdy – long life, low maintenance

Hycor® Rotomesh Fine Screen

Reliable Rotoshear® design with fine perforated screening

Parkson extends its Hycor® family of reliable screens with a new fine rotary drum screen. Screen openings can be 1mm - 2mm with perforated plate. The Rotomesh screen uses the same proven construction and operation that have made the Rotoshear® line the choice for municipal and industrial applications with high flows, surges and solids loading.

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

The Rotomesh 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 Rotomesh screen is the best option for providing ultimate protection of membrane systems.



How it works

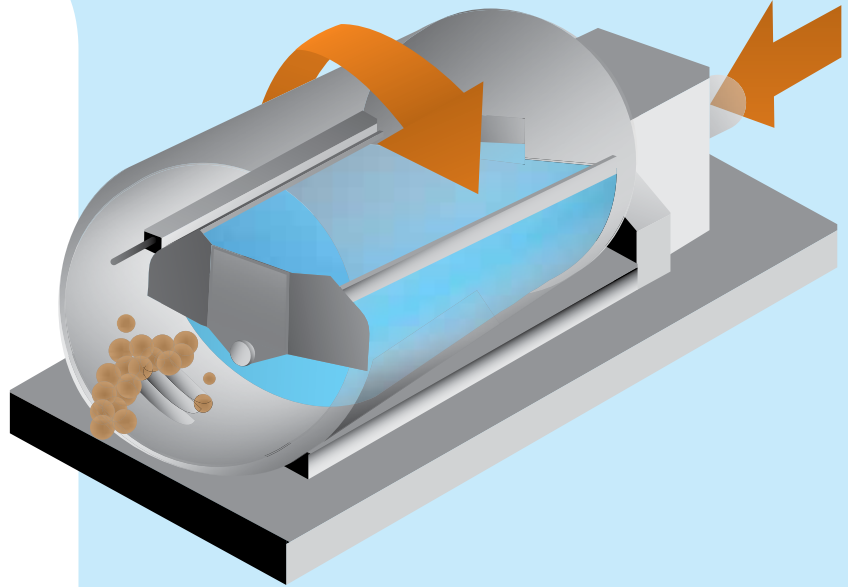
Influent enters the inlet, flows into the headbox, cascades over the weirs and contacts the rotating cylinder.

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 RDS is a less expensive alternative to shaker screens and is far less maintenance intensive
- 1-2 mm perforated screen is typically the media of choice for pre-membrane fine screening



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