

Hydro-Industrial Drum Screen

Reliable, economical screening for industrial water.

Product Profile

Reliably capture industrial wastewater screenings in an economical, compact, high-throughput unit.

The Hydro-Industrial Drum Screen is an externally fed rotary drum screen that reliably and effectively separates screenings from industrial wastewater prior to further treatment without the need for chemical additives. .

The compact nature of the system ensures effective screening in a small footprint (as little as 0.9 m² / 9.6 ft²), particularly for effluent containing high concentrations of fats and oils, and a hydraulic throughput of up to 105 l/s / 1,600 gpm enables industrial facilities to handle high volumes in a single unit - removing nuisance and damaging materials to protect and improve downstream treatment processes.

The Hydro-Industrial Drum Screen is easy to operate, quick and simple to maintain, and its low power and low flushing water consumption make it a highly economical treatment option.

Benefits

Get effective, economical screening.

- » **Cut sewerage discharge costs** through improved effluent quality
- » **Reduce energy costs** by removing more BOD
- » **Increase downstream treatment capacity** through removal of solids and BOD
- » **Cut screening costs** with low flushing water and low energy consumption
- » Screen **high volumes** of wastewater in a **small footprint**
- » **Prevent downstream damage, blockages and wear** - separate damaging and clogging materials from the onward treatment process
- » Tackle wastewater with high concentrations of **fats and oils**



Applications

Compact, high-throughput screening for a range of industrial sectors

- » Meat and poultry slaughter and processing
- » Dairy and milk processing
- » Fish canning
- » Brewing and winemaking
- » Vegetable processing
- » Pulp & paper making
- » Oil and fat processing
- » Chemicals and petrochemicals
- » Textiles and leather production



Industrial Water

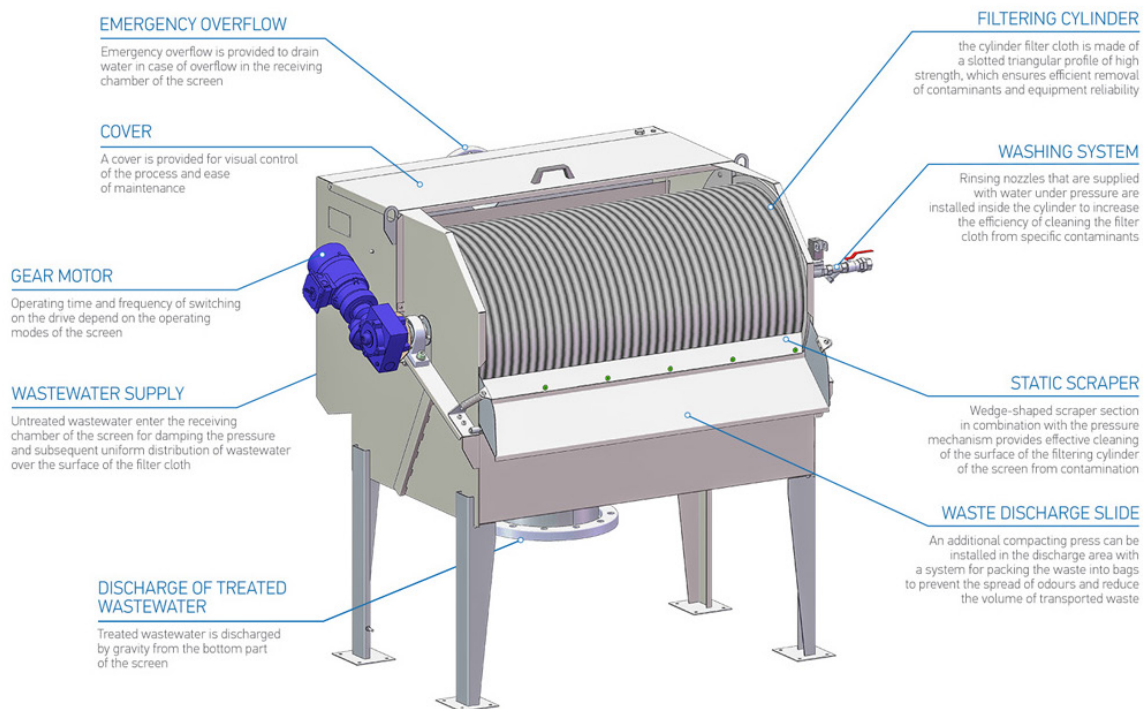
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Technical specifications

- » Minimum particle removal size: 250 µm
- » Hydraulic throughput: 9-105 l/s / 142-1,600 gpm
- » Flushing water consumption at 45 psi: 0.1-1 l/s / 1.5-15 gpm
- » Footprint: 0.9-4.3 m² / 9.6-46.5 ft²
- » Power: 0.3-1.0 hp

Features

- » **Long lifetime:** strengthened filtering mesh, wear-resistant polyamide and passivated stainless steel increase the durability and system lifetime
- » **Corrosion resistant:** stainless steel protects against wastewater corrosion; design limits water contact to corrosion-resistant materials
- » **Quick, easy installation:** small-footprint, simple design enables straightforward installation and integration into existing processes
- » **Simple maintenance:** simple design and easy access makes cleaning and maintenance quick and easy
- » Material options include AISI 316 and AISI 321 stainless steel



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We'll help you to solve your challenges.

Our experts will consult with you to identify your requirements, define your objectives and develop the specific treatment solution that delivers the business benefits that you need.