

Clients we have successfully completed work for include:

United Utilities
Severn Trent Water
Glaxo SmithKline
Anhauser Busch
Unipart
Welsh Water
Department of the Environment - Water service NI
Northumbrian Water
Southern Water
Anglian Water
Scottish Water
Sydney Water
Brisbane Water Environmental Alliance (BWEA)
Thames Water



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DRUM SCREEN



**THE ENGINEERED SOLUTION FOR
FINE SCREENING**



ROTOSIEVE™ DRUM SCREEN



ROTOSIEVE™ DRUM SCREEN

CSO Technik Ltd markets and sells Rotosieve drum screens, which separate solid particles and fibres from liquids by screening. The drum screens are based on proven technology with a self-cleaning function that delivers very good results and minimises maintenance.

With high operational reliability, a long service life and low energy consumption, Rotosieve drum screens are a proven good investment.

Due to its internal feed and circular perforations, Rotosieve offers the best separation that can be achieved mechanically. It has been shown in practice that a fibre or hair has a very small chance of orienting itself at a right angle and against the water current, so that it can pass through a round hole.

Technical Features

- Low energy consumption
- High degree of separation
- High operational reliability
- Good utility in many applications
- 304 or 316 Stainless Steel Construction

Process Benefits

- Enhances processes
- Reduces need for cleaning
- Makes servicing easier
- Screening between 0.6mm & 2.5mm
- Flows between 5 & 290 l/s
- Ventilation connection
- Reduces running costs of subsequent stages



Rotosieve drum screens consist of a perforated drum with internally fixed screw, which transports the separated particles out of the drum. The drum rotates on trunnion wheels and is driven by a cog gear motor. Incoming liquid is fed into the drum through an inlet pipe, which distributes the water over a large area of the drum's interior. During passage through the drum, the liquid is screened through the drum's perforations and collects in the trough underneath. Separated particles are transported out of the drum through the screenings outlet. Dewatering continues throughout transport in the drum. To prevent clogging of the unit's perforations, all drum screens are fitted with a rotating brush and a spray header with spray nozzles. Rotosieve drum screens are completely encased in removable splash guards and equipped with a ventilation exhaust to improve the working environment.

Applications

- Water & Waste Water Treatment
- Abattoirs
- Food Processing
- Paper & Pulp Manufacturing
- Brewing Industries
- Chemical Industries
- Textile Industries
- Ships

CSO TECHNIK CAPABILITIES

- Odour Surveys
- Design proposals
- Turnkey projects
- CSCS Trained Staff
- ISO9001
- Achilles Verify registered
- Maintenance
- Spares & Service
- Fault Finding
- Technical Surveys & Reports
- Odour Testing

ALSO FROM CSO

- CSO Screens
- Flushing Systems
- Flow Regulators
- Inlet Screens
- Screenings Handling
- Ventilation Systems
- Sludge Treatment