



EUROTECK
ENVIRONMENTAL (P) LTD

LET'S RECYCLE

SCREENS

(A Primary treatment product)



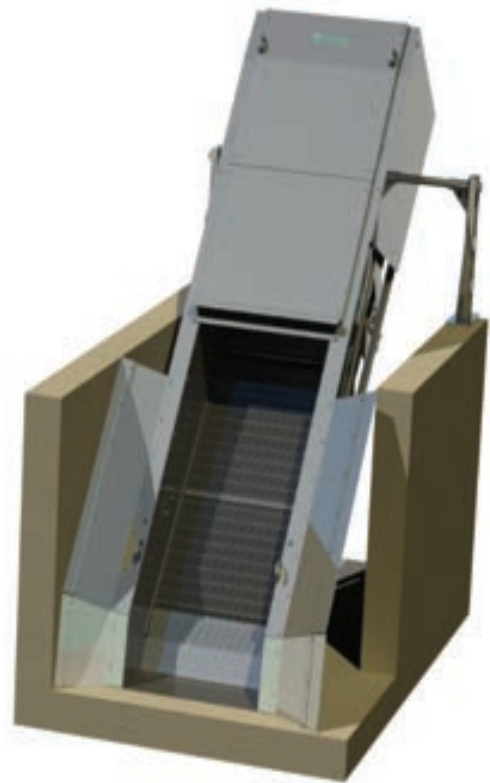


STEP TYPE SCREEN

Step screen/ Fine screen is a mechanically cleaned screen ideal for headworks and water inlet structures. Step Screens are a "stepping" type of screening systems for separating suspended solids. They are designed to handle large flow rates of sewage or process flows with small head loss, low energy consumption and minimal maintenance. It is true to say that fine screens are the most efficient equipment for the fine treatment of municipal and industrial wastewater with a high separation degree of small floating inorganic and fibrous inclusions

KEY FEATURES

- Fine treatment, sheet metal plates with a thickness of 2-3 mm provide a high throughout capacity of the screen
- Electrical overload protection of the drive protects the equipments from damage in case of jamming
- Self-cleaning of the screen plates in the countercurrent mode without the use of auxiliary mechanisms, brushes or water rinsing



APPLICATIONS

- STP
- CETP

SPECIFICATIONS

Bar spacing	05 or 06 mm Larger spacing on request
Bar Thickness	2 or 3 mm
Channel width	500mm to 1500mm
Channel depth	Up to 1900mm
Mode of Operation	Motorized (Geared motor)
Drive IP	IP55-67
Power Consumption	0.55 to 2.2 kw
Material of construction	SS 304, SS 316/Duplex/Super Duplex
Angle of inclination	40 & 45 deg



RAKE TYPE BAR SCREEN

Multi rake type bar screen is a mechanically cleaning screen which is installed in the inlet works of treatment plants, pumping stations and water inlet structures to capture solid materials as a result to reduce load of downstream processes and to the downstream equipment.

The inclined bar screen is stationery and is cleaned by a mechanized rake which rakes the screen upwards to deposit the raked waste to a waste discharge bin / conveyor. Multiple number of rakes are provided to clean the waste depositing on bars continuously at a pre-decided time interval.

KEY FEATURES

- Lower ranking speed for higher efficiency
- Frequent cleaning cycles
- Unique Tapper/teardrop shaped bars minimize hydraulic/tapered resistance inti increase its throughout capacity
- Electrical protection against overload
- Bar spacing from 5mm to 70 mm



APPLICATIONS

- Sewage water pumping stations
- Surface water pumping stations
- STP
- CETP/ ETP

SPECIFICATIONS

Bar Spacing	6,8,10,12,15,20,30,40,50,60,70mm other on request
Bar Type	Flat, Tapper, teardrop other on request
Bar Thickness	6 to 12 mm other on request
Channel width	400 mm to 2000mm
Channel depth	Maximum upto 15000mm , Other on request
Operation	Motorized (Geared motor)
Drive IP	IP55-67
Power Consumption	0.55 to 2.2 kw
Chain	SS Chain with plastic rollers
Material of construction	SS 304, SS 316 Duplex/Super Duplex
Rake MOC	SS 304, SS 316 Duplex/Super Duplex
Angle of inclination	75 & 80 deg



ROTARY BRUSH SCREEN

The rotating Brush screen is a reliable and proven inlet screen, an excellent screening solution for applications where small particles need to be removed. Rotary screens have very high strength coupled with very high open area and rigid construction. The captured filter residue is compacted, dewatered, transported and cleaned to remove most of the organic material to achieve a solid content. The rotary brush screen is suitable for municipal wastewater treatment plants, industrial wastewater and process water screening. The screen size and diameter can be individually adjusted to specific site requirements.



KEY FEATURES

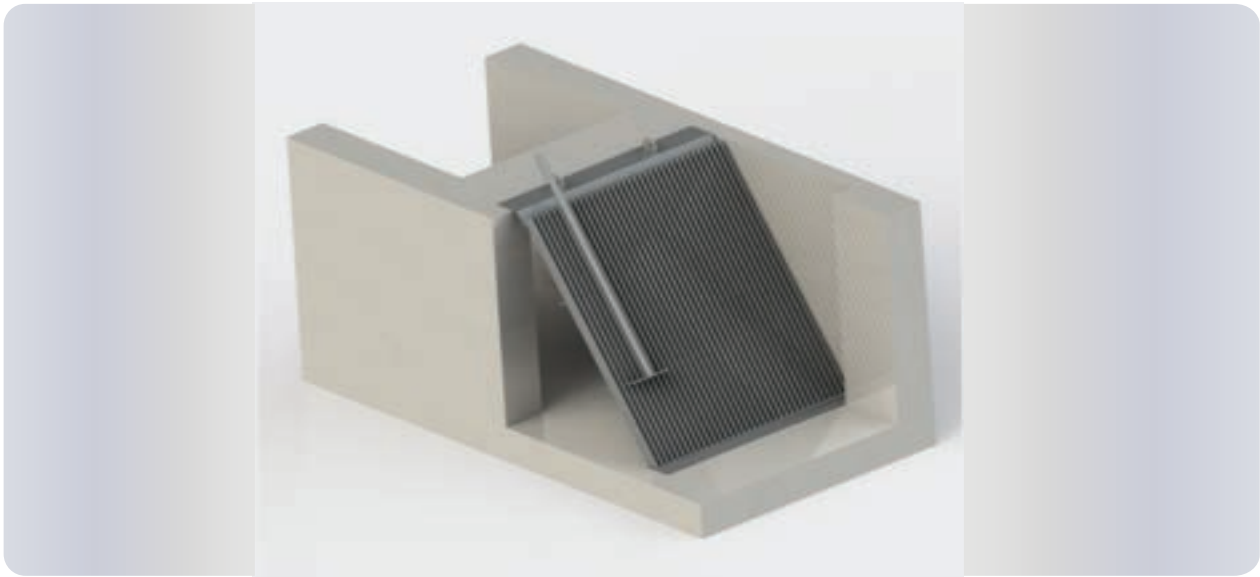
- The screen is made of stainless steel that ensures the long service life
- The perforated mesh with small openings ensures fine treatment of effluents with retention of such hard-to retain contaminants as hair
- The cover covering the mesh on the top prevents from splashing and odour spreading, as well as ensures easy access for maintenance and visual control

APPLICATIONS

- ETP
- CETP
- WWTP

SPECIFICATIONS

Capacity	50,100,150,200m ³ /hr,250,300m ³ /hr
Perforation size	2 to 5 mm , other on request
Mode of operation	Motorized (Geared Motor)
Material of construction	SS 304,SS 316/Duplex
Brush MOC	Nylon
Duty	Continuous



MANUAL BAR SCREEN

Manual bar screen with inclined vertical flat bars spaced apart is used to prevent large and medium floating wastes from travelling further into the screening chamber. It consists of a stainless steel frame fixed to the wall with a central screening area. These are generally installed at the upstream of Mechanical bar screen as well as a standby to the mechanical bar screen. Cleaning is done with the help of the manual rake comb provided with screen. Manual Screen can be of fixed or removable type. It can also be used as a standby for Mechanical bar Screen.

KEY FEATURES

- Customized design
- Low Maintenance
- Easy installation
- Safe operation in hazardous area
- Spares easily available

APPLICATIONS

- Oily water treatment
- SBR Plants
- MBR plants
- Pre-treatment solutions
- Post-treatment solutions

SPECIFICATIONS

Bar spacing	6 mm and above
Channel width	Max upto 5000mm , above on request
Channel depth	Max upto 8000mm , above on request
Operation	Manual Rake
Material of construction	Carbon steel/stainless steel 304,316 Duplex/Super Duplex other material on request



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J TYPE TRASH RACK SCREEN

J-type trash screen is manually cleaned coarse screening equipment used to prevent large and medium sized undefined floating waste coming with water in water and wastewater pumping stations, river or barrage intake structures and treatment plants. The screen is provided with rollers for smooth movement and has integral motorized operation to raise or lower the screen. The cleaning of screen has to be done manually after raising the screen up to operating platform



KEY FEATURES

- Low maintainance
- Spares easily available
- Easy installation
- Customized design
- Safe operation in hazardous area

APPLICATIONS

- Sewage water pumping stations
- Surface water pumping stations
- STP
- CETP

SPECIFICATIONS

Bar spacing	20 mm and above
Channel width	Max upto 6000mm
Channel depth	Max upto 20,000/mm
Operation	Chain pulley block or by hoist crane
Material of construction	Carbon steel/SS 304,316 Duplex/Super Duplex
Lifting	By hoist crane
Rake	Manual hard rake

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