

PRODUCT CATALOGUE

2021



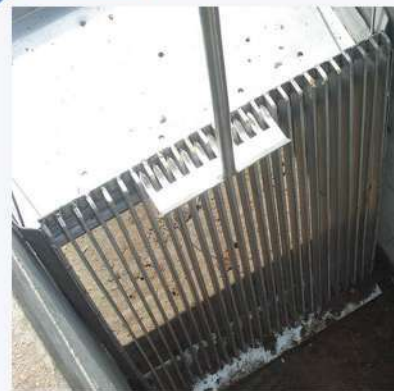
Screens

Screens are placed within the drainage system to capture any debris to avoid it from reaching the waterway. Various method of screening is available depending upon the trash size & type. Screens are also available with conveyors to move the collected trash to the collection bin.

Remove floating debris from liquid. Improved productivity & efficiency can be achieved by installing a screen. Effective and easy to install and maintain. Durable enough to significantly cut down on maintenance costs. Potential Engineering specializes in custom-built screens depending on the trash conditions.



Multi Rack screen



Manual Bar Screen



Honeycomb Type Screen

Multi Rack Screen

Screens are suited to serve Industrial, Municipal & Process water screening for arresting floating waste. They are placed at entrance of hydraulic structure, water intake & pumping station.

Multi-rake screen uses inclined bars equispaced to arrest fine, medium and large floating wastes. The screen is cleaned by a mechanized rake which moves in upward direction to collect the waste to discharge bin/conveyor. Multiple number of rakes are provided to clean the waste depositing on bars.



Features

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

Specifications

- ❖ Bar Spacing : 6mm & above.
- ❖ Channel Width : 600mm to 2500mm.
- ❖ Channel Depth : Up to 15m.
- ❖ Operation : Motorized.
- ❖ MOC : CS/ SS/ Other material on request.

Application areas

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

Industries



Manual Bar Screen

Screens are suited to serve Industrial, Municipal & Process water screening for arresting floating waste. They are placed at entrance of hydraulic structure, water intake & pumping station.

Manual bar screen uses inclined bars equispaced to arrest large and medium floating wastes. Generally these screen is installed ahead of Mechanical bar screen. Cleaning of screen is done manually with the help of manual rake comb provided with the screen. Manual screen can either be fixed type or removable type. It can also be used as a stand by for mechanical bar screen.



Features

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

Specifications

- ❖ Bar Spacing : 6mm & above.
- ❖ Channel Width : upto 3mm.
- ❖ Channel Depth : Up to 5m.
- ❖ Operation : Manual.
- ❖ MOC : CS/ SS/ Other material on request.

Application areas

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

Industries



Honeycomb Type Screen

Screens are suited to serve Industrial, Municipal & Process water screening for arresting floating waste. They are placed at entrance of hydraulic structure, water intake & pumping station.

Honeycomb screen uses metallic honeycomb conveyor belt to arrest the floating debris. It is rotated with motor, gearbox, shaft & sprocket. It utilizes water jet & brush to remove debris which gets stuck. It is also provided with overload protector, conveyor & trash bin if required. It is mainly used to arrest floating debris 20 mm and above.



Features

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

Specifications

- ❖ Honeycomb Size : 20mm & above.
- ❖ Channel Width : upto 2m.
- ❖ Channel Depth : Upto 6m.
- ❖ Operation : Motorized.
- ❖ Moc of Screen : SS/ Other material on request.
- ❖ Moc of Conveyor : SS/ Neoprene/ Other material on request

Application areas

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

Industries

