



Chain Screens SGC type



Management
System
ISO 9001:2008



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Our factory is manufacturing several mechanical screens for water and waste water applications. The bar screen chain type is the best solution for cleaning of small pieces in suspension, not tangled like leaves, branches, cans, sticks and others.

Key features

- maximum width 3 meters
- maximum depth 15 meters
- continuous sweep of small pieces
- flow velocity up to 1 m/s
- bar spacing 20 to 150 mm

Recommended for:

- waste water without large pieces
- easy access for maintenance
- reduced sizes
- easily installation
- rectangular shape channels
- grid with short pitch

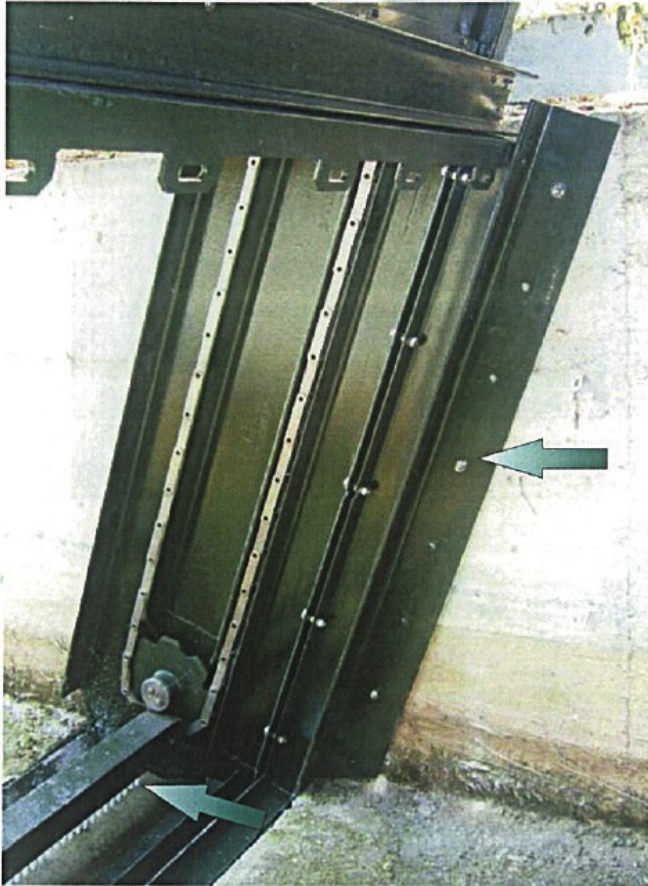
Not recommended for:

- high workloads
- lack of access to grid
- first screen stage
- water with long or bulky materials
- stones in the channel

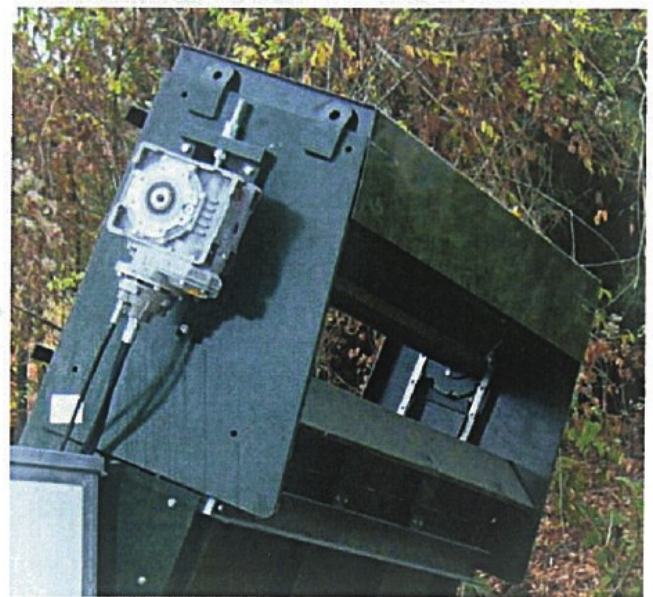


Stainless steel chain and sprocket detail: a self lubricating and longlife composite bearing is placed inside of sprocket with the possibility to access without remove the machine

Easy system to remove and replace the screen machine from the channel.
It is possible to fix the machine also with anchors removable comb for grid cleaning



Grid realized in elements:
easy to dismount and remove if is it necessary to access inside the channel



Electric control panel, hydraulic power pack and motor:
- easy speed control
- easy torque regulation to prevent risk of damages
- reverse chain rotation to unlock in case of overload

Special execution in stainless steel

Screen features:

- Channel width: up to 4.000 mm
- Height above channel floor: up to 15 m
- Bar spacing: 20-150 mm
- Installation angle: 70°-75°-80°
- Materials: galvanized steel S275 J
stainless steel AISI 304 /316



Tests in workshop

commissioning on site

