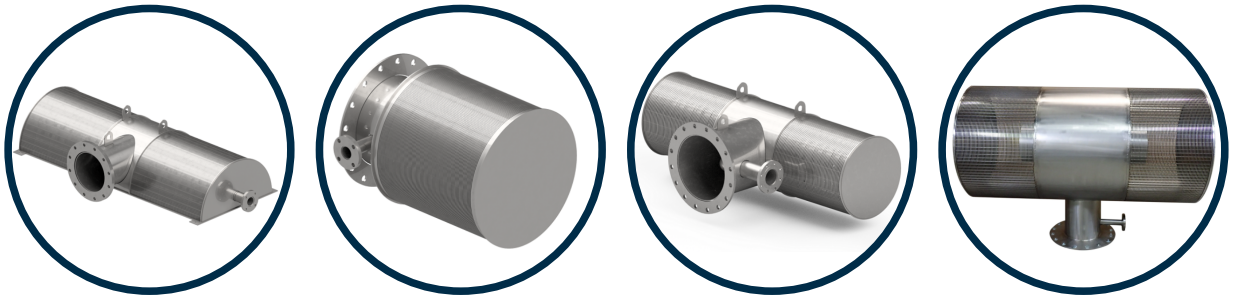
YUBO™
Filtration. Solution. Perfection

Wedge Wire Products

INTAKE SCREEN Customized



YUBO Screens passive intake screens provide uninterrupted water withdrawal from rivers, lakes, and oceans. Initially, our High-Capacity intake model set the industry standard when it came to efficiency. The combination of our non-plugging YUBO design and our patented internal flow modifiers provided a high open area while maintaining the lowest entrance velocity and pressure drop on the market. Additionally, our passive intake screens have no submerged moving parts that could break down or wear out and incorporate the use of the Hydroburst air backwash cleaning system, guaranteeing minimal maintenance.

Flow rates ranging from 2 cfs (898 gpm; 1.3 MGD;204 m3/h) for a single drum screen up to more than 200 cfs (89,766 gpm; 129.3 MGD; 20,388 m3/h) from a single T screen with the opportunity to have multiple screens at a site.

Screen slot sizes ranging from 0.5 to 9-mm.

Brush-cleaning drive types to best suit site conditions: electric, hydraulic, and turbine.

Screen materials including Type 304 and 316 stainless steel with custom materials available(e.g., 2507 super duplex stainless steel).

Sized to be compliant with state, federal, and international fish protection requirements. Internal flow baffle distributes flow evenly across the screen surface.

Optional retrieval track systems to support inspection and maintenance or to raise the screens when not in service.

Control panel to match customer equipment and remote monitoring and control needs.

Bar racks, isolation gates, antifouling coatings,and debris jetting systems provided as optional equipment.

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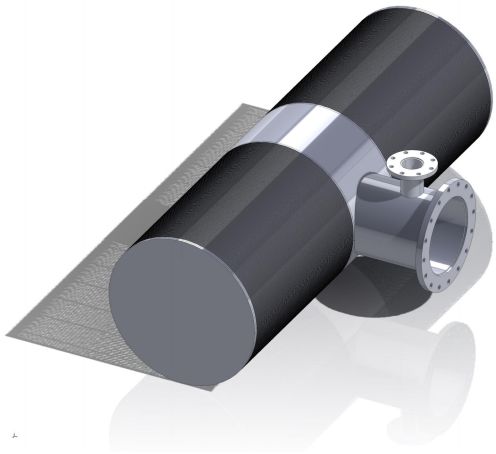

Benefit

Ideal solution for rivers and streams, lakes, estuaries, and marine waters including areas with high biofouling, silty conditions, and heavy debris loads. Designed to exceed fish and marine mammal protection requirements Protects pump and other downstream equipment from clogging debris Low head loss, low maintenance, and minimal power input Highly customizable to site conditions

Application

Drinking water
Desalination
Power plants

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