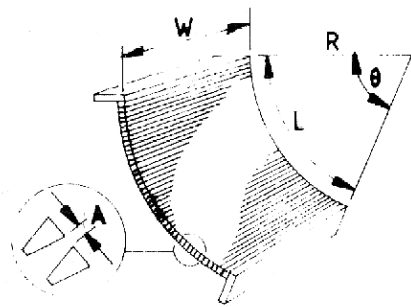


SPECIAL PURPOSE FINE SCREENS

Wedge Wire and Continuous Belt Technology

AquaSieve

AquaSieve is a cost-effective method of separating solids from water streams. Our unique design consists of a static curved wedge wire section fed from above through a header box. The header box ensures solids are not separated prior to the screen and evenly distributes inflow over the entire wedge wire surface.



W,R,L and θ are dependent on liquid and solids characteristics

The continuous wedge wire slots utilised by AquaSieve eliminates localised flooding and provides superior open area and rigidity.

- Captures around 65% of particles 0.5 times the aperture size (A).
- Manufactured in 304 SS to exotics such as Hastelloy C
- Apertures of 0.25mm to 10mm.
- Applications in mineral processing, grit dewatering, sugar mill, cement, juicing, food, paper, abattoir and wastewater treatment

AquaDrum-ACT

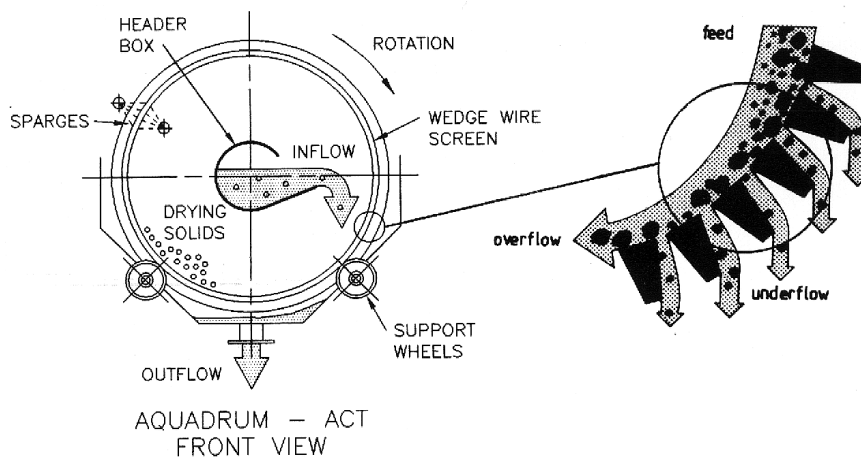
AquaDrum-ACT applies simple sieve bend technology into a continuously rotating and self cleaning trommel. Solids separation is extremely effective due to the non-clogging attributes of wedge wire and longer solids retention time.

The trommel's construction consists of longitudinal triangular shaped wires mounted to provide a scalping action. This action is accompanied by enhanced wedge wire cleaning by intermittent or continuous spray cleaning systems.

Flow enters the centre of the slightly inclined and rotating drum, discharging evenly over the header box weir. Inflow is directed to fall onto the screen at a location that provides efficient scalping action.

Outflow passing through the screen is collected in a distribution trough. Separated solids retained on the screen's surface accumulates for a short drying period prior to its movement out of the drum.

- Trailing wedge wire edge is placed above and in advance of the leading edge of the following wire
- Drives by chain or direct from the support wheels
- Available in drum sizes up to 2.2m diameter and 6m lengths
- Applications in municipal and industrial wastewater screening, mining, food & sugar processing



AquaScreen - Series CB

AquaScreen - Series CB is a reliable continuous belt screen for water streams that must have a low percentage of fibrous material.

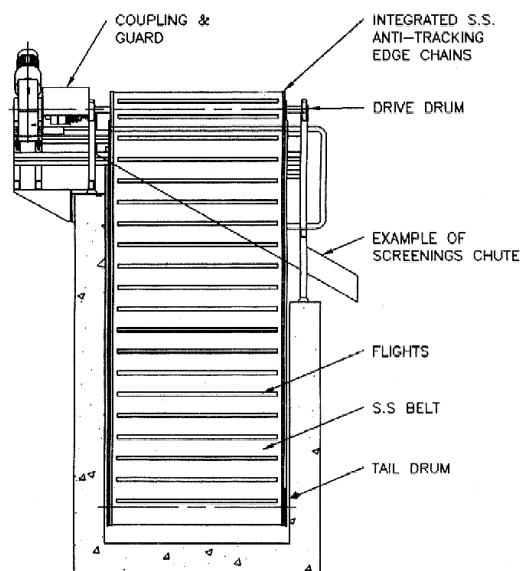
The screen consists of a woven stainless steel belt with stainless steel chains attached at its edges. The chains are cross-connected by pins and flights at around 200mm centres. This unique design prevents belt misalignment and provides a removal mechanism for large objects.

Water passes through the screen leaving behind unwanted contaminants on the belt's surface. Captured screenings move with the continuous belt and are removed by pressure sprays.

Screenings can be directed away from the screen via a gravity chute, conveyor or held in a free-draining screenings basket.

- Anti-tracking belt features
- Anti-seize and self lubricating submerged bearings

- Apertures down to 2mm
- Full stainless steel construction
- Applications in potable water treatment, and industrial wastewaters



FRONT VIEW

AQUASCREEN - SERIES CB

The manufacturer reserves the right to alter performance, specification or design without notice.

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