

AUTOMATED TRASH SCREENS

Automated Trash Screens remove weed and debris from waterways, often protecting downstream systems and minimising OH&S risks. Design options are available for bulk and finer filtration requirements.

FEATURES & BENEFITS

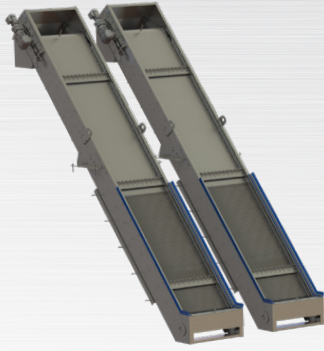
- Reliable self-cleaning system.
- Customised bar spacing or wedge wire options to suit debris type and loading.
- Automated trash screens can be either AC or DC powered.
- Low noise level.
- Long life fully sealed polymer bearings.
- Optional spill trays and screen covers.
- Custom designed to suit application size and shape.
- Captures floating and submerged debris within waterways.
- Reduces OH&S risks by eliminating manual cleaning.
- Requires minimal civil works to install.
- Protects downstream infrastructure such as pumps, valves and pipework.
- Designed to require minimal maintenance.
- Improved downstream water quality.
- Designs meet safety regulations on pipes, siphons, pumps and culverts.
- Suitable for exclusion of weed, rubbish, branches and other solids.



APPLICATIONS

- Pipes.
- Pump Intakes.
- Siphons.
- Stormwater Systems.
- Floodways.
- Channels.
- Water Distribution Systems.
- Wetlands.
- Mining.

AWMA
Water Control Solutions



AUTOMATED TRASH SCREENS

DESIGN

DESIGN SUPPORT

- AWMA's R&D and Engineering teams are available under Early Contractor Involvement (ECI), to assist in developing water control and screening solutions for bespoke green-field and brown-field sites.

SIZES

- All AWMA screens are custom sized to ensure they meet specific site and operational requirements.

MATERIALS

- AWMA automated trash screens are constructed from either 304 or 316 stainless steel for long service life.

MAINTENANCE

- Trash Screens are designed to achieve high duty cycles with minimal downtime.
- Can be easily accessed and cleaned out of the waterway, without the need to dewater or bypass the structure.
- Minimal maintenance is required offering low 'whole of life costs'.

MANUFACTURE

QUALITY

- All AWMA products meet relevant Australian and international standards.
- AWMA hold international accreditations for ISO 9001; Quality, ISO 14001; Environment and ISO 45001 OH&S management.
- AWMA's Integrated Management System aims to provide a framework to deliver products and services that consistently exceed customer expectations.

OPTIONS

- Customised spill trays, hungry boards and screen covers are available, subject to application.
- Water Sprays.

INSTALLATION

MOUNTING OPTIONS

- Trash Screens are typically wall mounted.

OPERATION

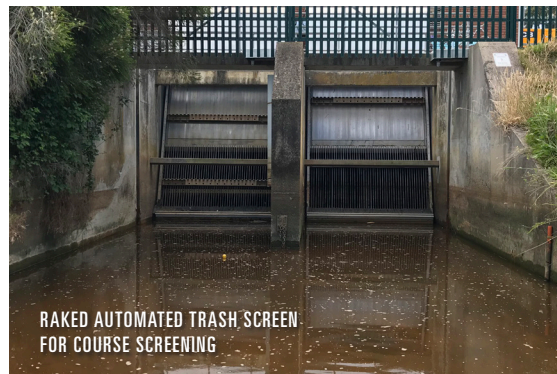
- AWMA's Automated Trash Screens utilise either raked or brushed elevator's (or flights) attached to a rotating chain system. This is driven by a motor and gearbox coupled to a drive shaft. The result is a reliable, autonomous, self-cleaning system. These debris removal processes can remove bulky objects and/or fine debris from the front of the screen to avoid blockages. Debris is transported upwards, out of the waterway into removable disposal bins, conveyors, chutes or troughs.

COMMISSIONING

- Detailed documentation on operation, testing procedures and maintenance is provided with all AWMA water control solutions.
- Comprehensive on and/or off site training available.

DOCUMENTATION AND TRAINING

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RAKED AUTOMATED TRASH SCREEN
FOR COURSE SCREENING