

## AUTOMATIC RAKING MACHINES



## RAW WATER INTAKES



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Experience seamless raw water flows with Ovivo's full intake solutions. Our technology effectively removes debris, ensuring downstream equipment operates at peak efficiency. Our product lineup, featuring the Brackett Bosker®, sets a new standard in raw water intake efficiency. From large-scale cooling water needs to wastewater management, our solutions ensure optimal performance, protecting downstream processes and improving overall plant efficiency. The Brackett Bosker® handles everything from large tree trunks to seasonal challenges like kelp and jellyfish, offering unparalleled configurability and reliability.

## PRODUCT/PROCESS OFFERINGS:

- Brackett Bosker® Automatic Raking Machines (Trashrakes)
- Brackett Bosker® featuring Deep Clean™ Deep Tunnel Trashrakes

## HOW IT WORKS

Our fully automated raw water intakes, equipped with Brackett Bosker® technology, efficiently handle a wide range of debris, from large masses to seasonal plant life. The gripper collects debris while descending, preventing downstream issues. Coarse screens capture remaining debris, ensuring pump protection. Ovivo's screening equipment can further filter water if needed, with debris removed efficiently.

## TECHNICAL INFORMATION:

- Flow rates per screen exceeding +700 MGD
- Brackett Bosker® Trashrake clear opening from 0.75" to +6"
- Virtually infinite configurations for new and existing intakes
- Screening aperture sizes ranging from 2mm to +3/8"
- Quick seal replacement for Brackett Green® Drum Screens, enhancing maintenance efficiency

## APPLICATIONS AND MARKETS

- Power Plants
- Pumping Stations
- Refinery Cooling Water Intakes
- Cooling Tower Protection
- Pump Protection

# FEATURES & BENEFITS

- 20+ full intake solutions globally.
- Over 200 installations in North America for the Brackett Bosker® Trashrake.
- The Brackett Bosker® is exceptionally configurable, leaves the deck space clear and also acts as a material handling equipment moving debris to the dump location.
- Brackett Bosker® flexibility and overhead design allows for integration at existing sites improving operation and effectiveness of the intake.
- Brackett Bosker® trashrake equipment has been around since 1962 in use in critical land drainage applications.
- Brackett Green® Drum screens provide efficient solutions with a single moving part reducing OPEX significantly and with a long +30 year expected life.
- Brackett Green® Dual Flow Bandscreens are designed for a long life and designed for heavy duty applications. Newer design also for simplified service and parts for reduced OPEX without sacrificing capability.

