



GATOR RAKE

Bar Screen

The leading supplier of raw water intake screens, parts and on-site service for over 50 years.



CONFIDENCE FOR THE TOUGHEST APPLICATIONS

GATOR RAKE bar screens are purpose built from the ground up to provide you with the confidence to efficiently remove debris under the toughest loading conditions. Protecting your critical downstream processes and infrastructure assets is a critical job and that's why Atlas-SSI's GATOR RAKE uses advanced engineering, experience and rugged construction.

Designed to fit into canals or water intake openings, GATOR RAKE bar screens utilize stainless steel and carbon steel for construction.

The non-metallic teeth incorporated in GATOR RAKE systems prevent wear on both the rake arm and screen bars to extend the life of key components. Our bolt-on design ensures quick and easy maintenance of the rake teeth.

GATOR RAKE bar screens feature torque tube head shaft assemblies that provide strength and stability to engage the carrier chain with positive locking fabricated sprockets to ensure uniform lifting even under high loading periods. Wiper bars are attached to the carrier chain.

Electric motors and speed reducers are sized for the application and are rated for heavy duty use and will stand up to any weather conditions.

These features enable GATOR RAKE bar screens to remove grass, trash and debris from the bar racks quickly and effectively – preventing blockages and differential head loss.

TYPICAL APPLICATIONS

- Storm Water Management
- Flood Plain Management
- Drinking Water Treatment Plants
- Wastewater Treatment Plants
- Industrial Raw Water Feed
- Pump Stations



GATOR RAKE HD

When dealing with debris or working in areas where flash flooding is common, the GATOR RAKE HD (heavy duty) offers the ideal solution with heavier gauge steel frames, chains and larger drive motors.



MATERIAL HANDLING

GATOR RAKE bar screens can be designed with conveyors and compactors to efficiently collect and remove debris.

REMOTE OPERATION

GATOR RAKE bar screen systems are delivered complete with controls and enclosures. The control package is equipped to meet your installation's run criteria. Ultrasonic differential level indicators, automatic timers and a local manual override provide you with many options for rake operation, which is important when stations are unmanned.





CONFIDENCE & EXPERIENCE

EVERY STEP OF THE WAY

SYSTEM AND PARTS MANUFACTURING IN THE USA WITH QUICK SHIP INVENTORY

As the largest full-service water intake system manufacturer in North America, we offer the industry's most comprehensive engineering and manufacturing capabilities. We design and build our GATOR RAKE bar screens and parts in the USA.

UNMATCHED SERVICE

We offer North America's largest team of factory-trained technicians and certified commercial divers to handle your project needs, including turnkey installations, inspections and on-site repair. We can even rebuild your existing rake screens.

SAFETY DEFINES OUR CORPORATE CULTURE

We are proud to be a trusted extension of our clients' in-house engineering and maintenance teams. As the most experienced water intake system provider in North America, we operate with an uncompromising commitment to health and safety at our facilities and on the jobsite. Safety starts with our leadership team and touches every employee through daily hazard assessments, safety training and ensuring that all essential industry safety certifications are in place.

We are here to help. Contact us today.

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