

Product

Summary

Mahr® Bar Screen
Eliminator™ Screen
Perforator® Screen
Transpactor™
Transportor™
Screwpactor™
Spiralman™
Spiralman Plus™
TurboDrum IF™
TurboDrum IN™
TurboWash™
TurboTank™
TurboStat™



www.headworksusa.com

Product Summary

Screenings and Screenings Handling Equipment

MUNICIPAL WASTEWATER

The treatment of municipal wastewater is experiencing tremendous change today with the development of advanced treatment systems such as the Membrane Bio Reactor (MBR), Moving Bed Biofilm Reactor (MBBR) and Integrated Fixed-Film Activated Sludge (IFAS) processes. These processes have performed exceptionally well in achieving the new higher levels of treatment required today but also require higher levels of (liquid-solid separation) screenings removal in front of the processes.



Mahr® Bar Screen

- ▶ Continuously self-cleaning, front multi-rake system
- ▶ Patented jam protection clears obstructions automatically
- ▶ Cleaning cycle of 5 to 10 seconds, even in deep channels
- ▶ High efficiency, with openings as small as $\frac{3}{16}$ " (4 mm)
- ▶ All stainless steel construction



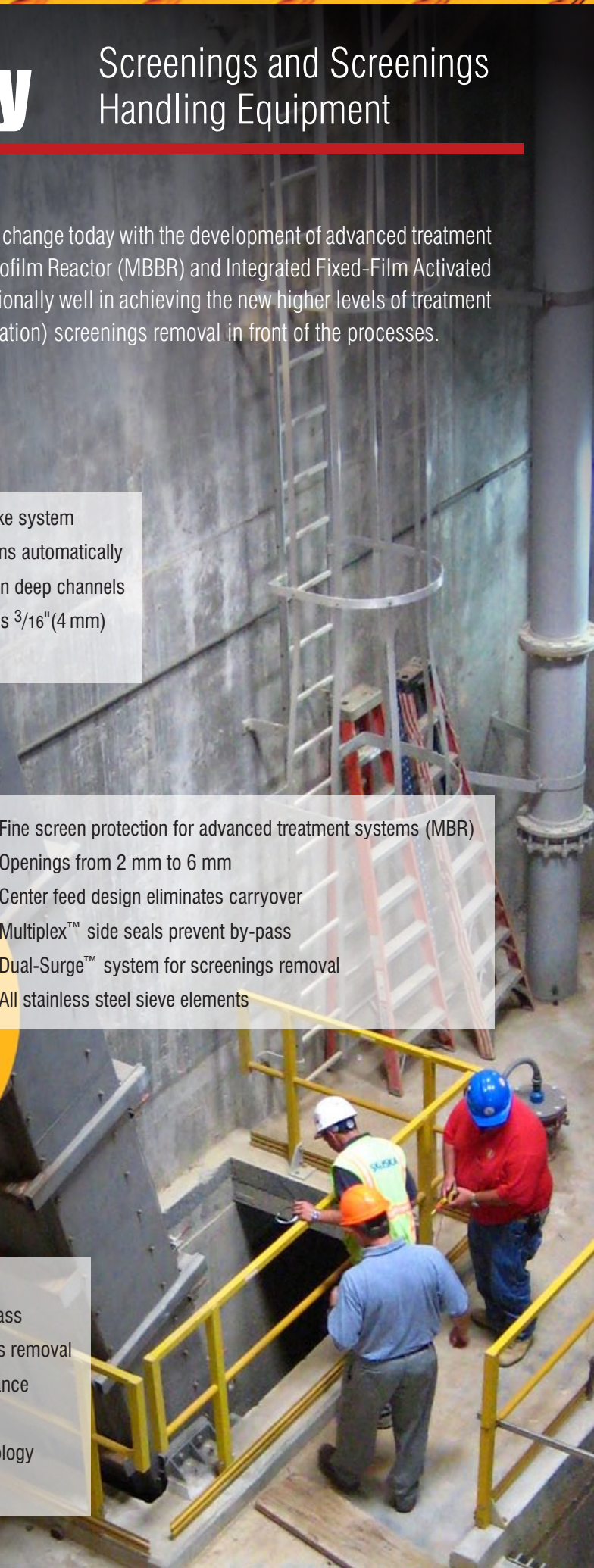
Eliminator™ Band Screen

- ▶ Fine screen protection for advanced treatment systems (MBR)
- ▶ Openings from 2 mm to 6 mm
- ▶ Center feed design eliminates carryover
- ▶ Multiplex™ side seals prevent by-pass
- ▶ Dual-Surge™ system for screenings removal
- ▶ All stainless steel sieve elements



Perforator®

- ▶ Openings as fine as $\frac{1}{8}$ " (3 mm)
- ▶ Multiplex™ side seals prevent by-pass
- ▶ Dual-Surge™ system for screenings removal
- ▶ Pivot option ensures easy maintenance
- ▶ All stainless steel construction
- ▶ Maintenance friendly proven technology
- ▶ All stainless steel sieve elements





Spiralman™ and Spiralman Plus™

In-Channel Screen

- ▶ U-trough design with bolted covers provides simple access
- ▶ Bolted connection between sieve spiral & transport spiral reduces costly maintenance downtime
- ▶ Uniform spiral and trough diameters mean less blocking
- ▶ Openings as small as 1/8" (3mm)
- ▶ Optional TurboWash™ for superior screenings washing



Screwactor™

Shafted Screw Compactor

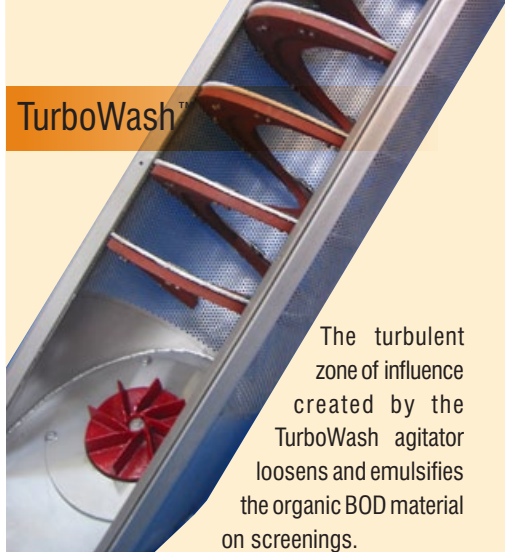
- ▶ Shafted screenings compaction system
- ▶ Low profile and easily retrofitted
- ▶ Custom designed discharge tube
- ▶ Optional Grinder
- ▶ Bagging module available
- ▶ Reliable low-maintenance performance
- ▶ Optional TurboWash™ for superior screenings washing



Transactor™ and Transporter™

Conveyors/Compactors

- ▶ Shafted screenings conveying/compacting system
- ▶ Bagging module available
- ▶ Reliable low-maintenance performance
- ▶ Optional TurboWash™ for superior screenings washing



TurboWash™

The turbulent zone of influence created by the TurboWash agitator loosens and emulsifies the organic BOD material on screenings.

- ▶ Low maintenance and long lifecycle
- ▶ Over a decade of highly effective proven technology
- ▶ Ease of operation
- ▶ Maximized BOD removal

TurboTank™



Stand alone washing unit for sluice troughs or larger screenings quantities

TurboDrum IF™

Internally Fed Drum Screen

- ▶ 304 or 316 stainless steel wetted parts
- ▶ 0.5 to 4mm wedgewire or 2 - 6mm perforated plate or wire mesh
- ▶ Dual spray screen washer system
- ▶ Adjustable speed control
- ▶ Dual discharge inlet headbox
- ▶ Solid helicoid arranged discharge blades
- ▶ Optional TurboWash™ for superior screenings washing



TurboDrum IN™

In-Channel Inclined Drum Screen

- ▶ 0.5 to 4mm wedge wire or 2 - 6mm perforated plate or wire mesh
- ▶ Screenings, conveying, compaction, washing, and bagging is handled in one unit with one motor.
- ▶ Screen sizes are available for flows for up to 4600m³/h (29mgd)
- ▶ All in one system allows for a very low maintenance requirement
- ▶ Optional TurboWash™ for superior screenings washing



TurboStat™

- ▶ Capacities from 150 - 1,000 gpm
- ▶ Screen openings as small as .25 mm
- ▶ 304 or 316 stainless steel screen panel
- ▶ Stainless steel or fiberglass body
- ▶ Minimum maintenance
- ▶ Optional TurboWash™ available

**Headworks® Inc. sets the standard
for robust, reliable and durable
wastewater treatment equipment.**



*The team of professionals at
Headworks® is committed to
innovate and refine our
processes to design and
manufacture the best
products in the industry.
With these goals in mind,
Headworks has become the
benchmark in the industry as the
leading supplier of wastewater
screening systems worldwide.*

Headworks® is the number one choice among experienced owners, engineers and operators who know that quality construction, innovative design, and low lifecycle costs translate into long-term success for their wastewater screening and screen handling investment.

Our equipment is utilized in municipal and industrial wastewater treatment plants, power plants, water intake structures, and sludge screening facilities. Our dependable screening equipment operates automatically and with virtually no maintenance in extremely tough and corrosive environments.

Incorporating the latest European and American technologies while maintaining competitive pricing and personalized service, Headworks equipment sets the industry standard.



800 Wilcrest, Suite 340 | Houston, Texas 77042 | USA

Phone: +1.713.647.6667 | Fax: +1.713.647.0999 | E-mail: hw@headworksusa.com

www.headworksusa.com