

Mahr® Bar Screen

- ▶ Front raked, front return bar screen
- ▶ Fine screen capability to 3/16" (4 mm) with coarse screen durability
- ▶ Patented electronically controlled auto reverse clears obstructions
- ▶ Patented individually replaceable screenfield bars
- ▶ 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 bypass
- ▶ Dual-Surge™ system for screenings removal
- ▶ All stainless steel sieve elements

Perforator®

- ▶ Openings as fine as 1/8" (3 mm)
- ▶ Multiplex™ side seals prevent bypass
- ▶ 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 and transport spiral reduces costly maintenance downtime
- ▶ Uniform spiral and trough diameters mean less blocking
- ▶ Openings as small as 1/8" (3 mm)
- ▶ Optional TurboWash™ for superior screenings washing



TurboDrum IF™

Internally Fed Drum Screen

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



TurboDrum IN™

Inclined In-Channel Drum Screen

- ▶ 0.25 to 4 mm wedge wire or 2 to 6 mm perforated plate or wire mesh
- ▶ Screenings, conveying, compaction, washing, and bagging is handled in one unit with one motor
- ▶ Available for flows up to 29 MGD (1.3 m³/s)
- ▶ All in one system minimizes maintenance requirement
- ▶ 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

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



TurboDrum IH™

Horizontal Drum Screen

- ▶ 1 to 5 mm wedge wire or 2 to 6 mm perforated plate or wire mesh
- ▶ Integral conveying, compaction, washing, and bagging in one unit
- ▶ Available for flows up to 82 MGD (3.6 m³/s)
- ▶ No mechanical serviceable parts in effluent stream
- ▶ Optional TurboWash™ available



TurboStat™

Sidehill Static Screen

- ▶ Capacities from 150 - 1,400 GPM (10 - 88 l/s)
- ▶ Screen openings as small as .25 mm
- ▶ 304 or 316 stainless steel screen panel
- ▶ Stainless steel or fiberglass body
- ▶ Minimum maintenance
- ▶ Optional TurboWash™ available



OPTIONAL EQUIPMENT

The turbulent zone of influence created by the optional **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