



Smith & Loveless, Inc.

MECHANICAL BAR SCREEN



Application Data

Flow Ranges:	up to 10 mgd / 483 lps
Sizing:	Standard or Custom
Channel Widths:	Min. 3' & larger / 0.91m
Angle:	90° Vertical
Clear Openings:	3/8" to 1/2" openings
Construction:	SST or CS & Other Alloys

MARK VIII-A™

Provides Screenings for Small to Very Large Plants

Designed for small to very large plants the **Schloss Mark VIII-A™** Bar Screens are particularly well suited where larger materials may be present such as hospitals, prisons and similar applications. A fully enclosed **Mark VIII-A™** has electrical heating and insulation for colder climates. The screen can also provide weather protection for the screening container which is located behind a door and inside the housing unit. Full enclosures are also available for odor and vector control without the heating and insulation.

Smith and Loveless can also provide single or double arm rotary raked bar screens for the most economical screening solutions.

FEATURES AND BENEFITS

- Vertical Back Cleaned Screening System
- Low Maintenance
- No chains, sprockets or bearings
- Fully Enclosed has electrical heating and insulation Option
- Full enclosures are also available for odor and weather protection



Mark VIII-A™ Bar Screen



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For project inquiries, visit SmithandLoveless.com



Smith & Loveless, Inc.

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Pictured: Mark VIII™, Heated and Insulated option

Mark VIII-A™ System Diagram and Data

Diagram Details

- 1 Drive Motor**
Face mounted to hollow shaft speed reducer.
- 2 Wiper**
Wipes the screenings off the rake plate.
- 3 Rake Arm**
With replaceable teeth, follows race track pattern.
- 4 Bar Rack**
Spaced metallic bars.
- 5 Dead Plate**
Transports the removed fine solids for washing, dewatering and disposal.
- 6 Discharge Chute**
Compactor
- 7 Controls**
(Not shown). Depending on application and location, NEMA 4x, NEMA 7, and NEMA 12 panels are available.

