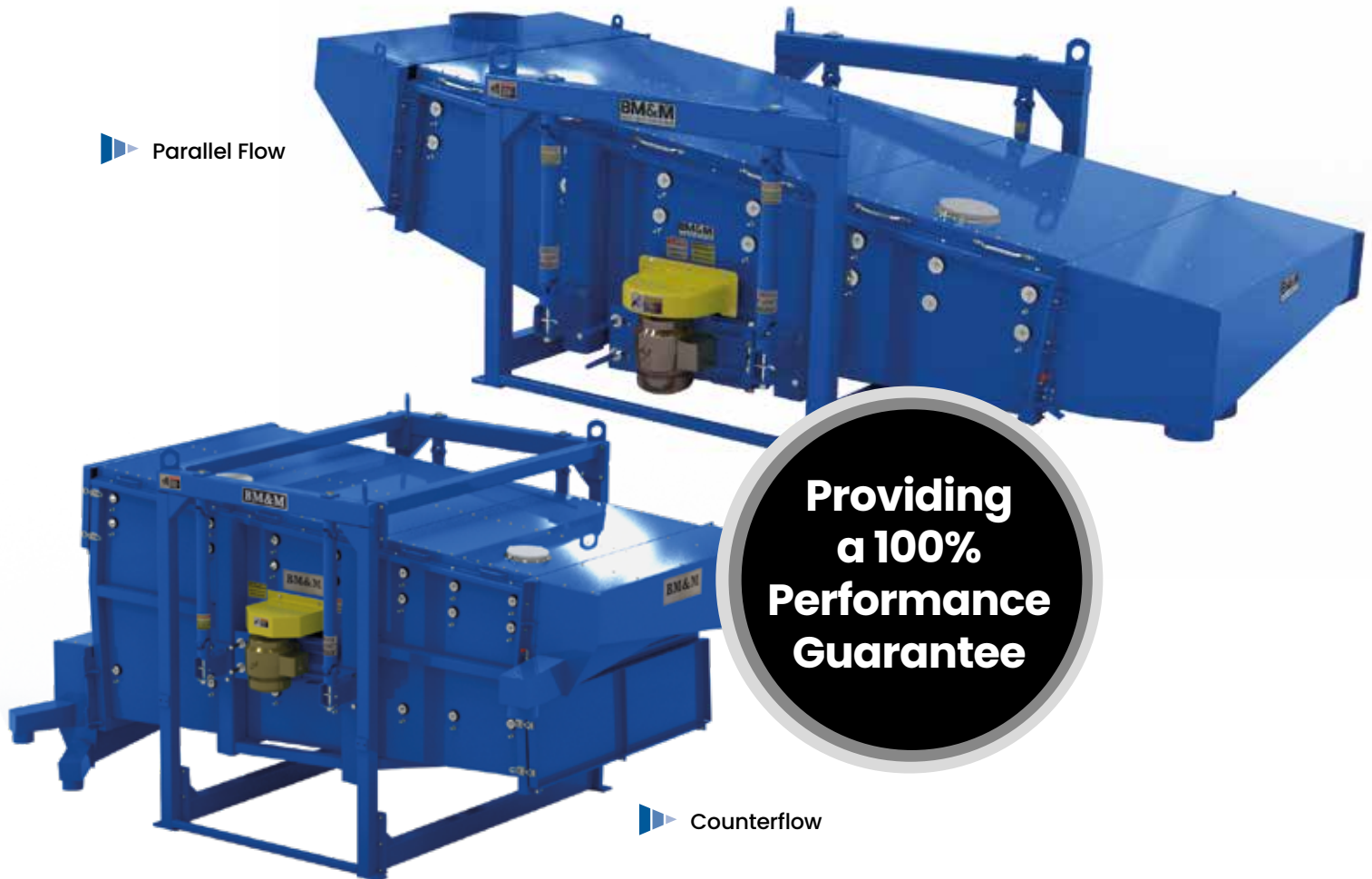


SUPER SCREEN MODEL



▶ Parallel Flow

**Providing
a 100%
Performance
Guarantee**

▶ Counterflow

A Flexible Design For All Industries – Greater Speeds And Larger Strokes

The Super Screen is a versatile, adaptable high-speed screener for all industries. The stroke, speed, and slope can be custom-engineered to your specifications; stroke and speed can also be optimized in the field for enhanced performance, no matter how difficult or variable the application.

- ▶ **3 year drive warranty**
- ▶ **Maximize volume**
- ▶ **Improve efficiencies**
- ▶ **Reduce maintenance costs**

▶ SUPER SCREEN MODEL

Introducing the Super Screen

The Super Screen encompasses a high-speed horizontal gyratory design that is dynamically balanced to allow greater speeds and higher strokes than conventional sifters and screeners. It has the same aggressive screen action that enables all BM&M screens to achieve high capacities and efficiencies. BM&M's Super Screen was built as a flexible design for all industries. The stroke, speed, and slope can be engineered for each application.

Gyratory Technology

The unique technology developed by BM&M creates an unbeatable combination of motion and speed that generates higher volumes and greater efficiencies. There are 3 core elements that work together to deliver these results.

1

Centering the drive in the middle of the machine generates a gyratory motion over the entire screen surface

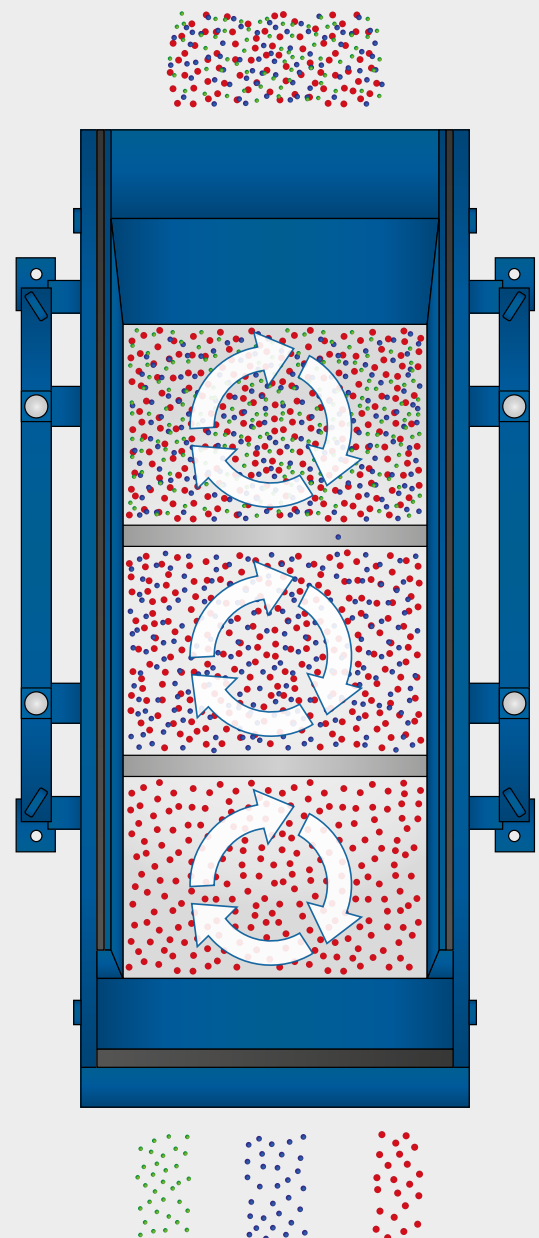
2

A stationary and maintenance-free drive with stabilized shaft allows for higher speeds (300 rpm) than the competition (180rpm)

3

Increasing speed results in higher screening energy being applied to the material, eliminating blinding while also increasing throughput

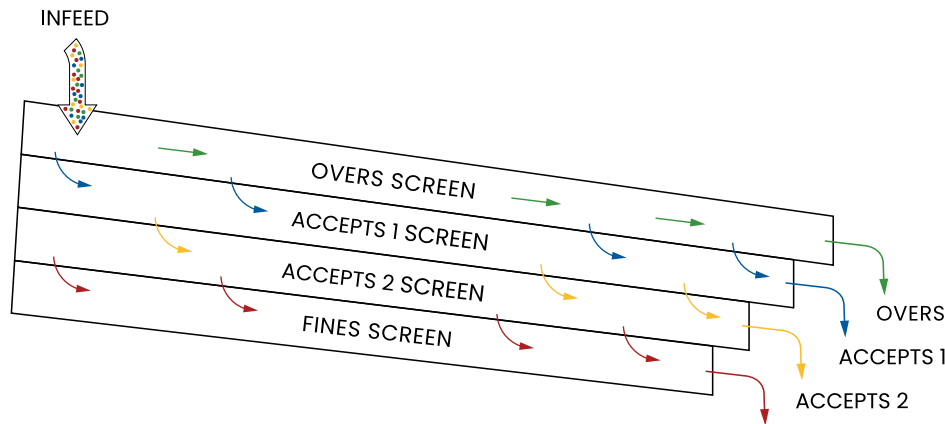
The combined result is
material fluidization
and maximized
screen-contact time!



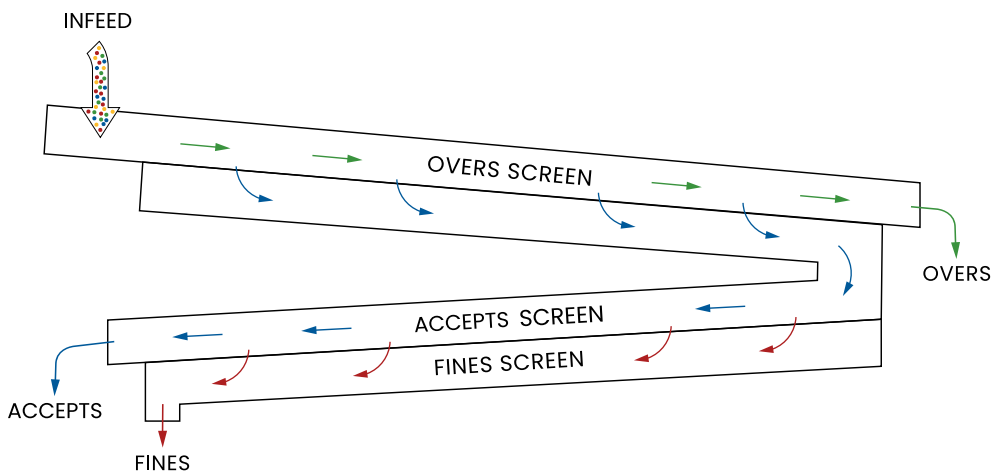
Custom Deck Configurations

BM&M Super Screens are available in a range of sizes consisting of between 1 and 4 decks. The screens can be constructed in a standard parallel flow model or counterflow model to assist in plants with tight space configurations.

Parallel Flow



Counterflow



Ball Decks To Reduce Blinding

The high bouncing force of the balls will prevent blinding for virtually any application, included in all Super Screens.



Quick Screen Removal & Access

Hinged doors for easy access, inspection and change outs with minimum downtime.



Screen Tensioning System

Designed to prevent loss of tension & ensure higher separation efficiency. CamLoc option upgrade available - a unique seal and hold system allowing quick removal of an element.



DESIGN & SPECIFICATION

Sizes

- ▶ Width: 2 ft. to 6 ft.
- ▶ Length: 4 ft. to 12 ft.
- ▶ Total: up to 72 ft² per deck

Number of Decks

- ▶ 1-4 deck configurations available

Design & Materials

- ▶ Welded steel construction for drive/screen assembly
- ▶ Bolted structural steel support stand (floor-mounted standard)
- ▶ Mild steel materials, fully stress relieved
- ▶ Customized discharge chutes designed for your application or plant operation
- ▶ Optional aspiration ports
- ▶ Optional Upgraded CamLoc System for easier screen changes

| Engineering Parameters | |
|--|-----------------------|
| Standard operating speed | 300 RPM |
| Screen slope range | 3 to 7 |
| Adjustable stroke counter weight | $\frac{5}{8}$ " to 2" |
| Floor mounted support stand | Standard |
| Aspiration port | Optional |
| Screen element hold-down system (Standard) | Tensioned |



To find out more about our
Super Screen locate a rep at:
www.bmandm.com

BM&M
 SCREENING SOLUTIONS

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