

ROTEX[®] | GROUP

ROTEX[®] BM&M

Parallel Flow ►



▼ Counter Flow



**Maximum
Performance
Assured***

*after testing in our Lab

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
- Maximise Volume
- Improve efficiencies
- Reduce maintenance costs

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.

Rotex Group Gyratory Motion

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

➤ 1

Fully Gyratory Motion

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

➤ 2

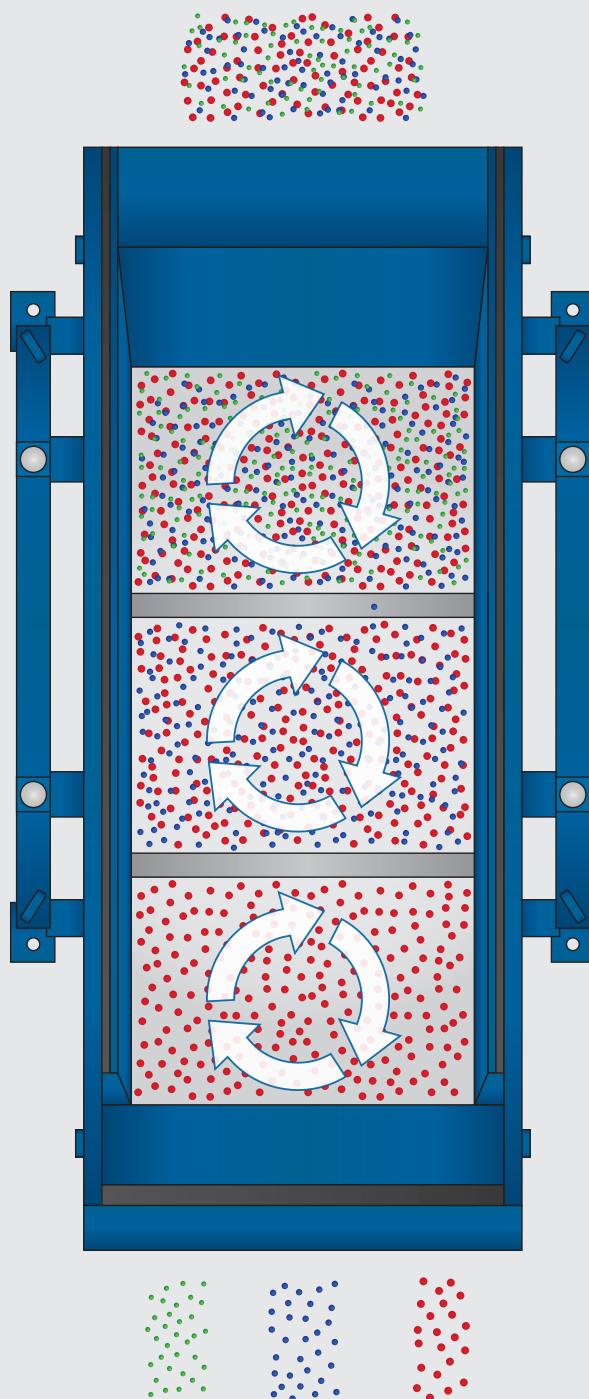
Maintenance Free Drive

The eccentric weight drive assembly is lubricated for life. The unique static shaft design provides torsional stiffness ensuring long trouble-free service reducing ongoing machine maintenance costs.

➤ 3

Maximum Productivity

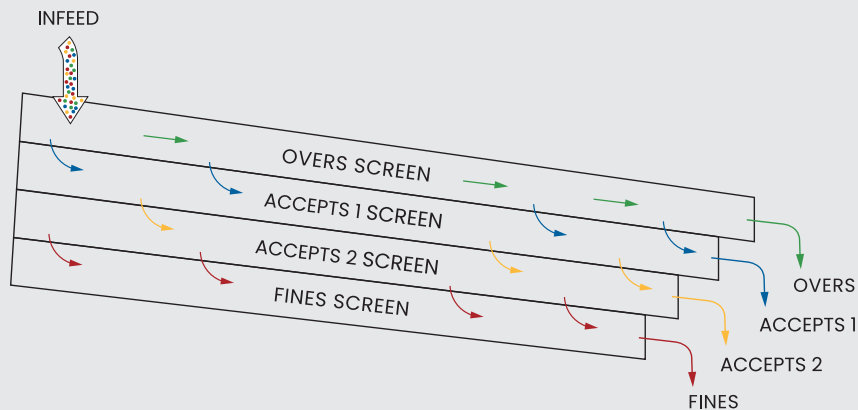
Increasing speed results in higher screening energy being applied to the material, eliminating blinding while also increasing throughput.



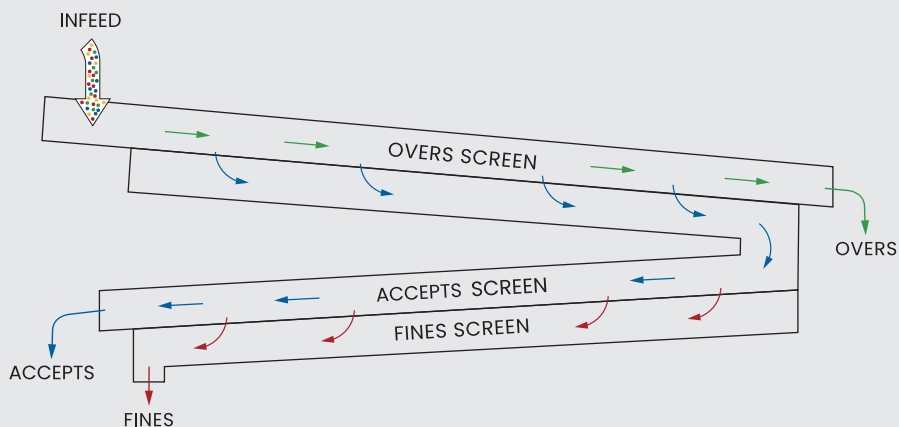
Custom Deck Configurations

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



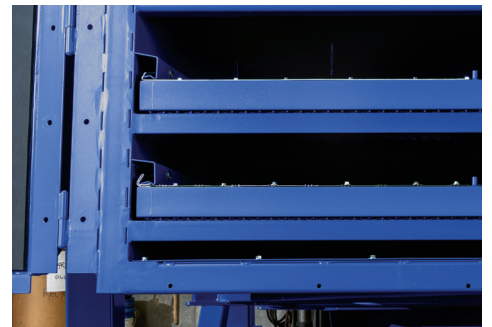
Ball Decks To Reduce Blinding

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.



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
- › Customised discharge chutes designed for your application or plant operation
- › Optional aspiration ports
- › Optional Upgraded CamLoc System for easier screen changes

For more information or to find your local Rotex Group representative visit our website

THE ROTEX GROUP.COM

Engineering Parameters

Standard operating speed	300 RPM
Screen slope range	3 to 7
Adjustable stroke counter weight	½" to 2"
Floor mounted support stand	Standard
Aspiration port	Optional
Screen element hold-down system (standard)	Tensioned



PARTS & FIELD SERVICE

KNOWLEDGE & EXPERIENCE

Leverage our decades of expertise for reliable solutions and expert support.

GUARANTEED QUALITY

Our parts meet the highest standards for durability and performance.

CUSTOMER CONVENIENCE

Ensure you get the the parts and service you need, when you need them.

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