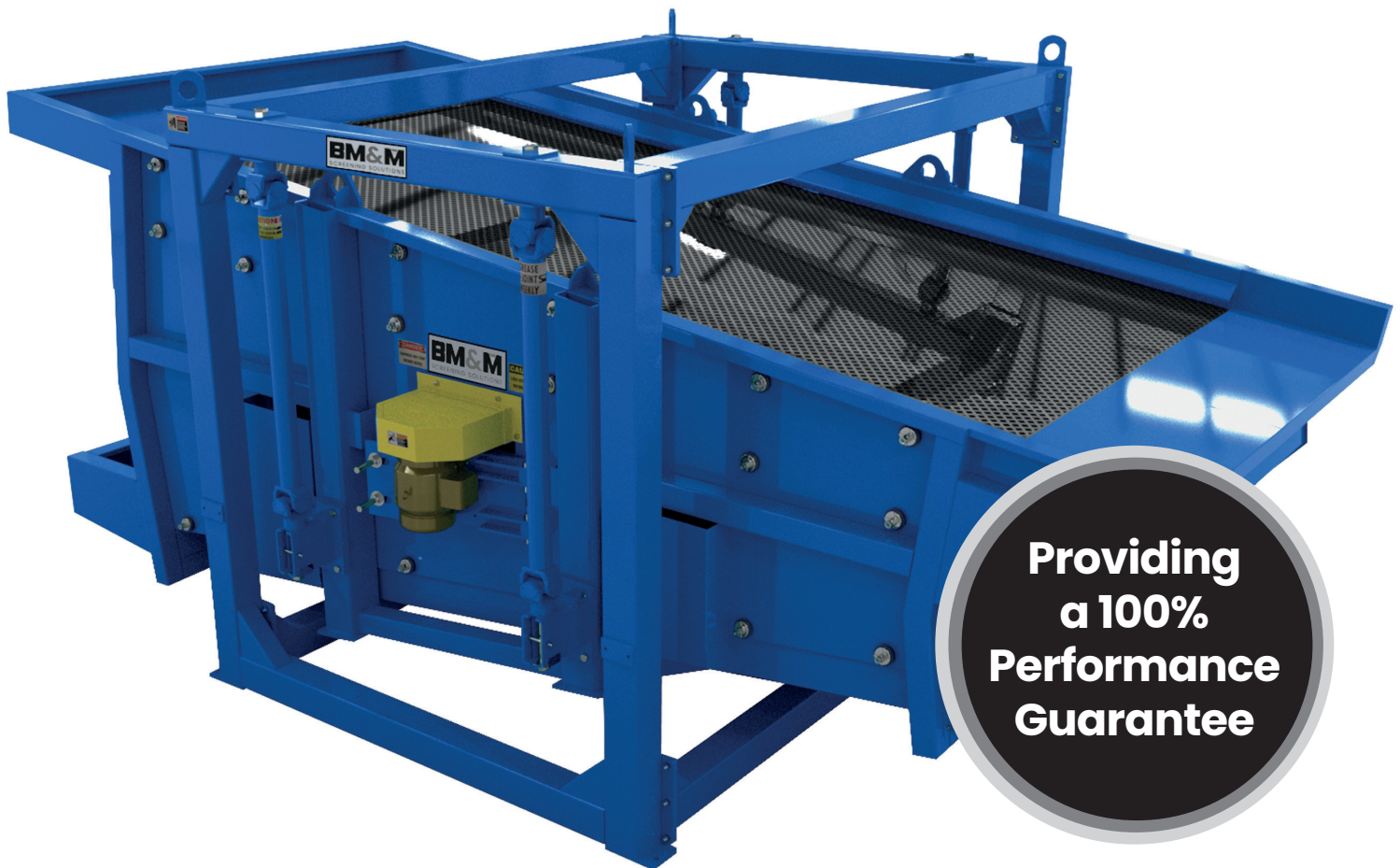


COUNTERFLOW CS MODEL



**Providing
a 100%
Performance
Guarantee**

Double the Screening Area and Efficiency over Standard Screening Systems

BM&M Screening Solutions has been building high efficiency CS Screens since 1987. The CounterFlow CS model is a unique concept that provides a tremendously efficient screen in a relatively small footprint.

- ▶ **Maximize volume**
- ▶ **Improve efficiencies**
- ▶ **Reduce maintenance costs**
- ▶ **Complimentary on-site start-up assistance**

COUNTERFLOW CS MODEL

Introducing the Counterflow CS Model

The unique double-length design is the key to the screen's outstanding efficiency. In the two-level design, the upper layer screens the material once and, from an elbow where the two levels meet, feeds the filtered material to the lower screen, where it is filtered again. Both screens move simultaneously, powered by a single gyratory motor.

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

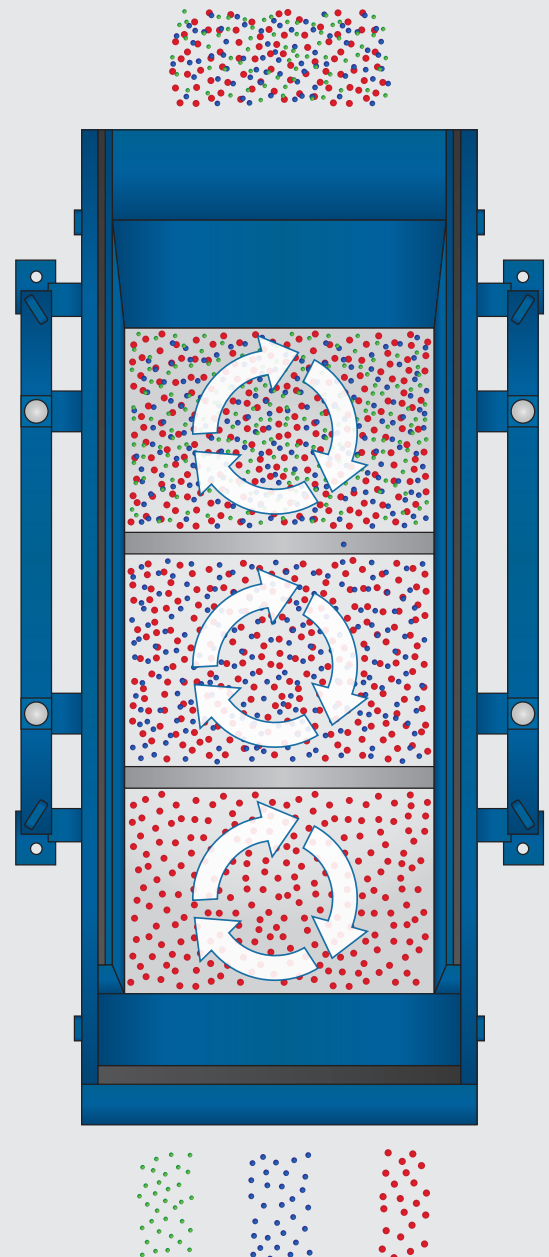
A stationary and maintenance-free drive with stabilized shaft allows for higher speeds (300 rpm) than the competition (180rpm)

3

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

4

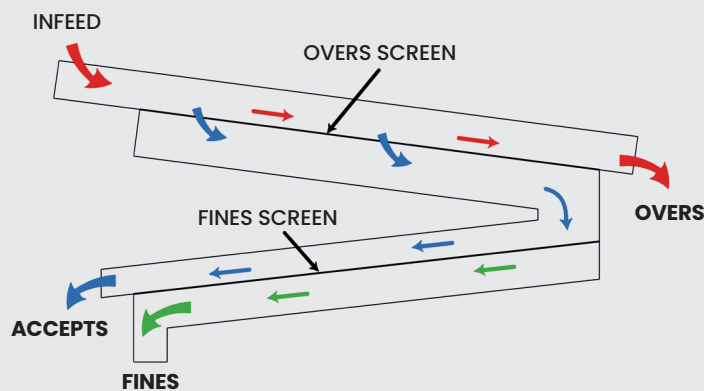
All combined, the BM&M technology achieves material fluidization and maximizes contact time with the screen mesh, resulting in the most efficient separation.



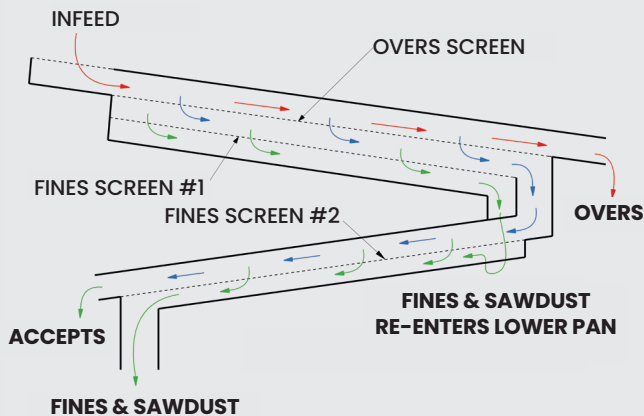
Custom Deck Configurations

We offer the CounterFlow CS Screen in a variety of styles and configurations, including custom constructions that will maximize your screening performance.

2-Deck Counterflow Screen



3-Deck Twin Fines Screen



For more about our Counterflow CS Model
locate a rep at: www.bmandm.com



Ball Decks To Reduce Blinding

The high bouncing force of the balls will prevent blinding for virtually any application.



CS Screen Tensioning Device

Device will uniformly tension the screen creating a tight surface for higher separation efficiency.



Custom Discharge Chute Configurations

Custom discharge chutes designed for your application or plant configuration.



DESIGN & SPECIFICATION

Sizes

- ▶ Width: 3 ft. to 10 ft.
- ▶ Length: 8 ft. to 14 ft.
- ▶ Total: up to 140 ft²

Number of Decks

- ▶ 2-deck and 3-deck configurations available

Counterflow CS Model Capacities		
Volumetric Units/Hour (1 unit = 200 cubic feet)		
	Twin Fines Model *	Chip 'n' Pins Model **
5' x 14'	21	25
6' x 14'	25	30
7' x 14'	29	34
8' x 14'	34	39
9' x 14'	38	44
10' x 14'	42	42

* Max Fines content 25%

** Max Fines content 10%

Design & Materials

- ▶ Welded steel construction for drive/screen assembly
- ▶ Bolted structural steel support stand (floor-mounted standard)
- ▶ Fines pan air lancing ports
- ▶ Infeed landing deck with bolted steel wear liner
- ▶ Mild steel materials, fully stress relieved
- ▶ Screen access door for screen element changes
- ▶ Separate discharge chutes for each filter/screen
- ▶ Optional stainless steel materials for pans and chutes
- ▶ Optional open bottom construction (no fines pan)
- ▶ Optional suspended installation
- ▶ Optional dust cover

BM&M
SCREENING SOLUTIONS

Toll-free: 1-800-663-0323

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To find out more about our Counterflow CS Model locate a rep at: www.bmandm.com