



**Maximum
Performance
Assured**

after testing in our
European Lab*

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.

* Based upon customer material testing at our lab testing facilities in Europe – we test your material and create a performance objective tailored to your specific applications.

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

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.

BM&M Gyratory Motion

The unique technology developed by BM&M 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

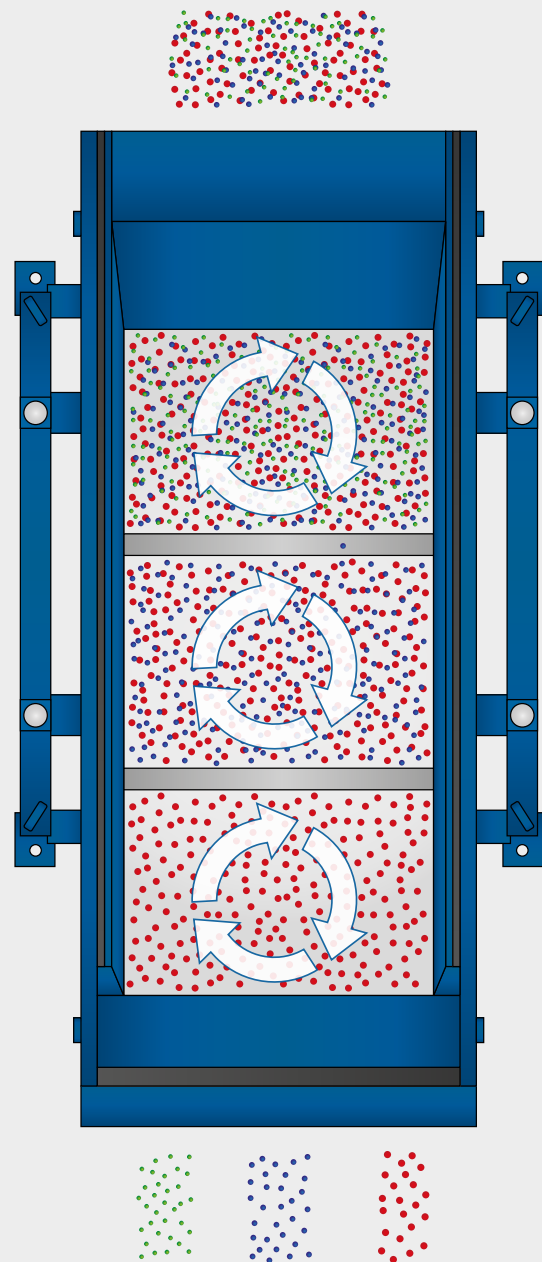
Maintenance Free Drive

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

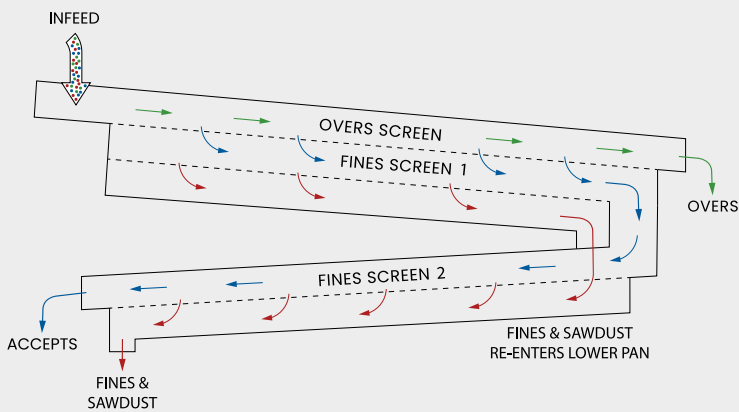
Increasing speed results in higher screening energy being applied to the material, eliminating blinding while also increasing throughput.



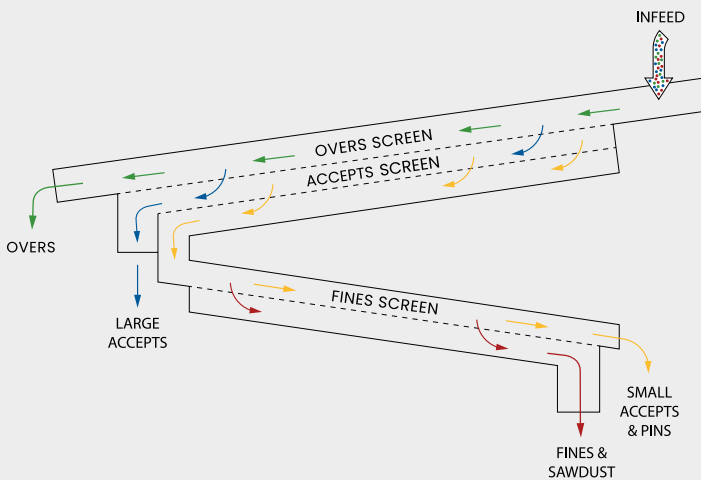
Custom Deck Configurations

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



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.



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

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



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%

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