

CS MODEL



**Providing
a 100%
Performance
Guarantee**

Maximize your screening capacity without compromising on quality with the CS Model

BM&M Screening Solutions has been building high efficiency CS Screens since 1968. The CS Model is our highest energy, high speed gyratory screen model, perfect for large volume applications.

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

Introducing the CS Model

Our CS Model has the option to choose between one, two, three or even four deck configurations. This, coupled with our gyratory technology, ensures you can achieve maximum yield in a highly efficient process. The CS model is perfect for screening wood chips, paper products, grain, mulch, rubber and much more.

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

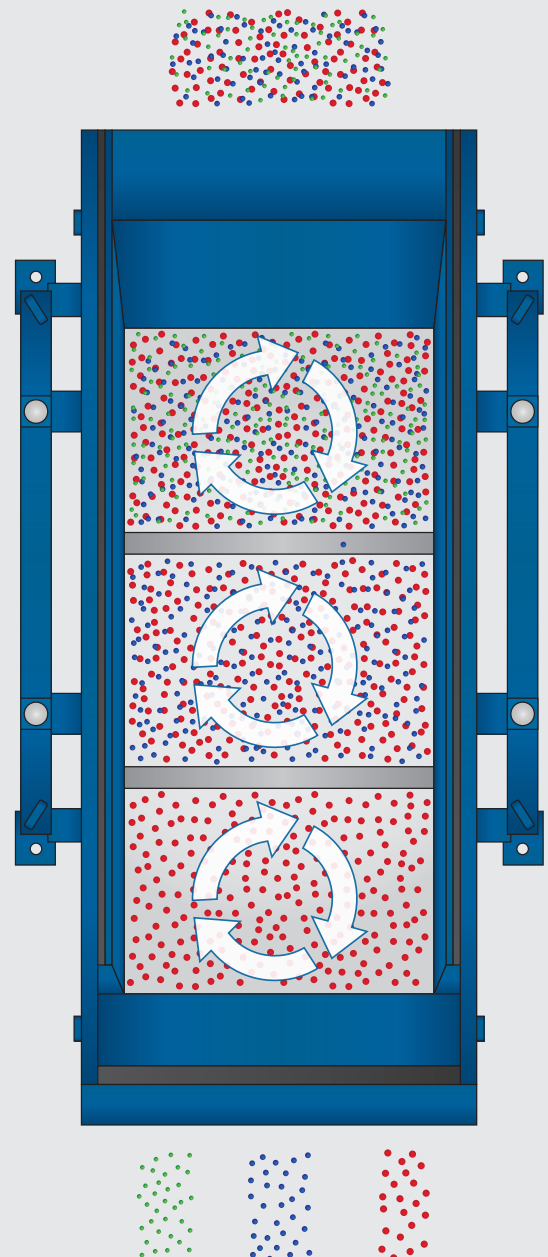
A stationary and maintenance-free drive with stabilized shaft allows for higher speeds (300 rpm) than the competition (180rpm)

3

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

4

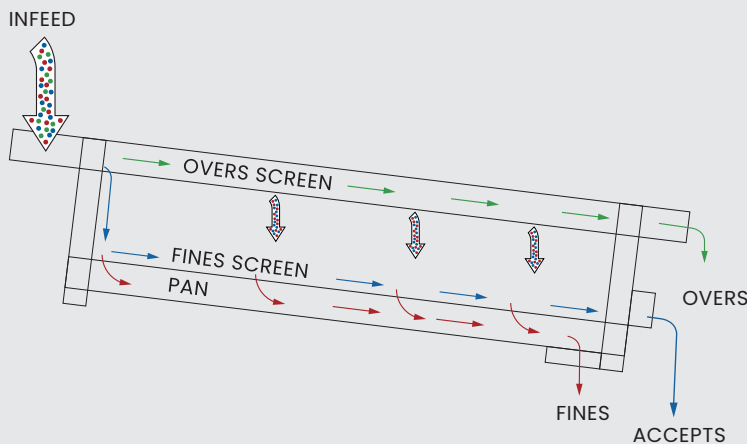
All combined, the BM&M technology achieves material fluidization and maximizes contact time with the screen mesh, resulting in the most efficient separation.



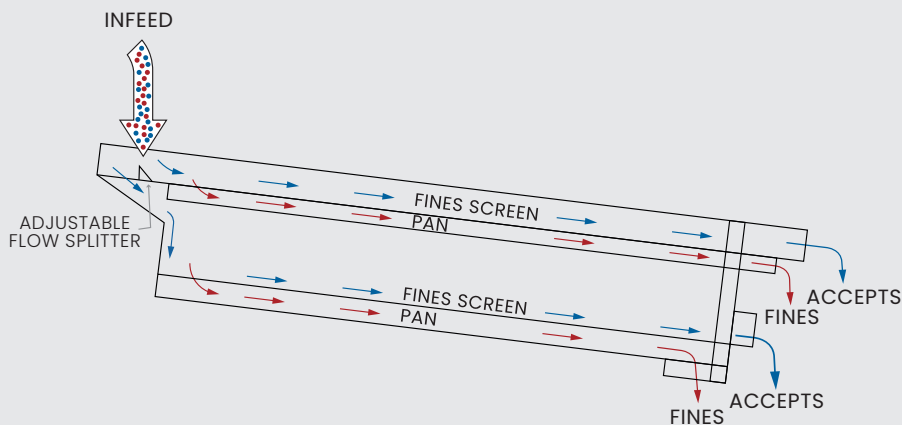
Custom Deck Configurations

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

Standard 2-Deck Screen



Double-Single Screen



For more about our 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 13 ft.
- ▶ Length: 8 ft. to 20 ft.
- ▶ Total: up to 260 ft² per deck

Number of Decks

- ▶ 1-4 deck configurations available



BM&M Testing Facility (Location: Surrey, British Columbia)

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

To find out more about our
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BM&M
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