



Innovation at Work

## Technical Specification



With increased throughput, high efficiency and quality end products; the EDGE FreeFlow 186 flip flow screen is the ideal solution for separating difficult to screen material. Designed to handle hard screening tasks that conventional screens cannot, the FreeFlow screen encompasses a two deck combination top deck, with a two bearing circular motion and a bottom deck flip flow screen with an aggressive screening motion in both decks.

The EDGE flip flow screen provides a highly efficient screening solution for sticky, moist materials with a high percentage of fines and is ideal for the processing of compost, wood, skip waste fines, trommel fines, aggregate and construction and demolition waste.

Designed to eliminate the blinding or blockage of the screen media that often occurs with traditional screens when screening wet or sticky material. The FreeFlow incorporates a heavy duty screen structure which generates a huge throw that propels material upwards and outwards so that the material can get time to untangle and separate.

- Reduce landfill costs and generate new revenues.
- Eliminates screen plugging and blockages
- Expanding and contracting lower screen produces high acceleration rates
- Combines two motions in order to create dual vibration movement
- Unique long life, low maintenance design
- Ability to handle a wide range of materials
- Separate small fractions from traditionally hard to handle material
- Optional Electric or hydraulic drives available
- Global After Sale Support

FreeFlow 186

TECHNICAL SPECIFICATION

SCREEN	
Number of Decks	2
Speed adjustable	Yes
TOP DECK	
Top Deck Levels	4 Number
Top Deck Media Type	Various media types & combinations
Tensioning - top deck	Side tension / Bolted
Top Deck Screen Length	5398mm (17'8")
Top Deck Screen Width	1730mm (5'8")
Screening Area - top deck	9.34m <sup>2</sup> (11yrd <sup>2</sup> )
BOTTOM DECK	
Bottom Deck Media Type	Polyurethane
Tensioning - bottom deck	Wedge fastened
Bottom Deck Screen Length	5224mm (17')
Bottom Deck Screen Width	1730mm (5'8")
Screening Area	9m <sup>2</sup> (10.7yrd <sup>2</sup> )

DRIVE	
Electric Driven	22kW 4 pole Motor
Hydraulic Driven	Flexible HRC type coupling
OPERATIONAL DIMENSIONS	
Length	6203mm (20'4")
Width	2508mm (8'2")
Height	1531mm (5')
Standard Weight	5.2 Tonnes (5.7UST)

### OPTIONS

3D Screens



Punch Rubber



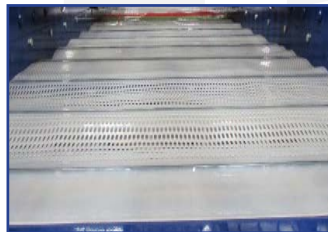
Punch Plate



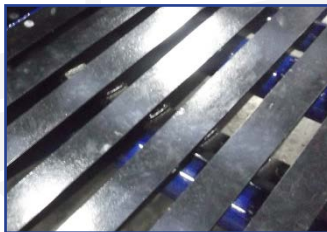
Woven Mesh



Polyurethane Bottom Deck



Bofar Bars



Jost Landing Legs



Semi-Mobile



Bespoke Walkway Access



Air Knife



Fines Discharge Chute

Powersource  
Hydraulic or Direct Electric

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