

Vibrating Screens

FOR ALL SCREENING APPLICATIONS
AVAILABLE AS SINGLE OR MULTI DECK SCREENS

FOR SCREENING

AGGREGATE COAL SUGAR BEET COKE
SAND AND GRAVEL SINTER



For sizing, washing, scalping, classifying, dewatering.

HG – Single deck
DHG – Double deck
THG – Triple deck



Multi Angle Banana Screen Inclined
For Desliming, Dewatering, Fine Wet
Classifying Drain and Rinse, and Dry
Fines Extraction.

BHG – Single deck
DBHG – Double deck
TBHG – Triple deck

Each screen type is vibrated by exciter units, with moveable counterweights for amplitude adjustment, and is driven by vee belts and a carden shaft from the side of the machine.

DON VALLEY SCREENS are designed to accept all screening media, i.e. perforated plates, wire mesh, wedge wire, polyurethane and rubber, tensioned or modular or specialist screen material. Fabricated grizzly decks can also be supplied to suit particular scalping applications.

The best media to suit application and budget can be selected.



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CERT. NO 6204

DESIGN

Each DON VALLEY screen is individually designed from a range of standard components, to produce a machine that is tailored to the client's application and installation criteria.

MANUFACTURE

All DON VALLEY screens are manufactured using high quality components, assembled with Huck Bolt fastenings and approved welding procedures, subjected to N.D.T. Each screen is fully tested in our factory prior to despatch with all data closely monitored and recorded in accordance with our quality system.



Sugar Beet Dewatering Screens arranged in two parallel lines.



Specialist triple deck screen being despatched.

SCREEN DATA

Effective Width	- 600 to 5500 mm
Effective Length	- 1900 to 10500 mm
Screen Area	- 1.2 to 40 sqm
Vibratory Motion	- Linear
Amplitude	- Up to 15 mm
Frequency / Speed	- 850 to 950 cycles / min
Angle of Throw	- To suit application
Inclination	- Minus 6° to Plus 20° to suit application
Flow Speed	- 0.2 to 0.4 m/s
Capacity	- Up to 3000 tph



Large triple deck screen being despatched.



Multi angle screen installed in a coal washery



Triple deck screen awaiting despatch in our works

From the following data our applications engineers will give you a fully detailed specification of the screen you require :-

1. Size analysis of feed material
2. Feed rate (t.p.h.)
3. Type of material
4. Separation sizes
5. Moisture content



Screen support with anti-vibration Sub frame mounting.



Screen with dust encapsulation



12 meter long multi angle screen awaiting despatch abroad