



CJ Waterhouse Co Ltd

MATERIALS HANDLING ▼ WEIGHING SYSTEMS ▼ PROCESS SOLUTIONS
PLANT CONTROL ▼ AUTOMATION ▼ BESPOKE MACHINERY

Screening & Sieving



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Vibratory Circular Screens



Circular vibratory screens are designed for all product applications from food sectors to aggregates, in either wet or dry applications. Screening assembly is mounted on reactive springs and can be supplied in a multi-deck system giving up to four fraction separation. Each deck is secured with quick release clamps allowing rapid cleaning and mesh changing when required.



Machines can be supplied in varying diameters up to 2000mm to suit material throughput's. Ancillary components can be supplied to provide mechanical enhancements such as top covers, material chutes and mesh de-blinding systems.

Compact Safety Screens



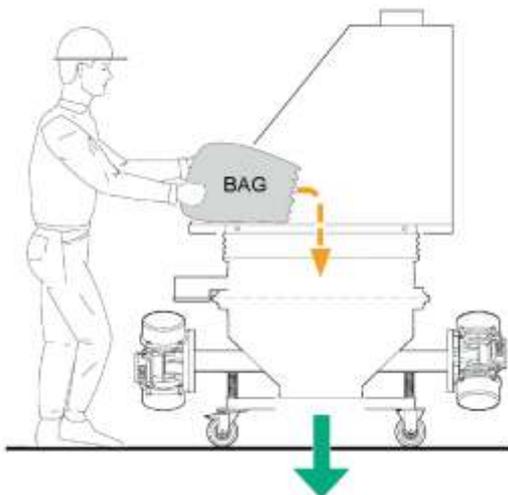
Space saving design for high capacity scalping and safety screening. These single deck units have central outlet below the mesh allowing for high volume flow of screened product.

Dual outboard drive motors provide vertical / horizontal amplitude vibration, controlling oversize product transit speed over screen to discharge outlet.

Outboard mounted drive motors allow compact design and provides simplified maintenance procedure and long life assurance.

Rip & Tip Screening Systems

For the manual emptying of bags containing powder or granular products. The product contained in the bag is emptied into the hopper and subsequently sieved. Particles are captured within top deck. Particularly suitable for the food sectors for policing of ingredients. These systems can also be used inline as part of FIBC bag filling / discharge stations.



- Quick disassembly
- Stainless steel contact parts
- Removable internal components
- Mobile or Fixed location
- FDA approved seals
- Compact design



Linear Screens

Linear Flatbed Vibratory Screens are capable of handling a wide range of materials and particle sizes. Their vibratory action and use of mesh or perforated plate decks allows fraction separation of product into various streams. Multi deck units permit separation of up to 4 material fractions.

Such screens can be supplied in both open and fully enclosed trough formats with either reactive spring or rubberised suppression systems. Drives can be via standard vibratory motor providing single speed operation or electro-magnetic drives to give variable speed control to suit the specific plant requirements.

Units are custom designed to suit the specific materials and physical plant layout and can be supplied in materials from mild steel to 316 grade stainless steel.



Bespoke Screening Solutions & System Integration



Both linear and circular sieves can be custom designed together with bespoke frameworks to allow incorporation within your specific plant process. From direct bulk bag filling solutions to custom separation systems we can develop a system concept to fulfil your specific separation and sieving requirements.

Sieving units can be incorporated within your existing site equipment and can be utilised not only for separation purposes but also as feeding devices.

Complete process solutions can be provided to embed sieving capability into: conveying systems, filling & discharging systems, weighing applications etc.



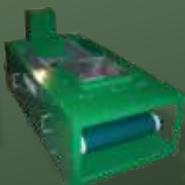


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