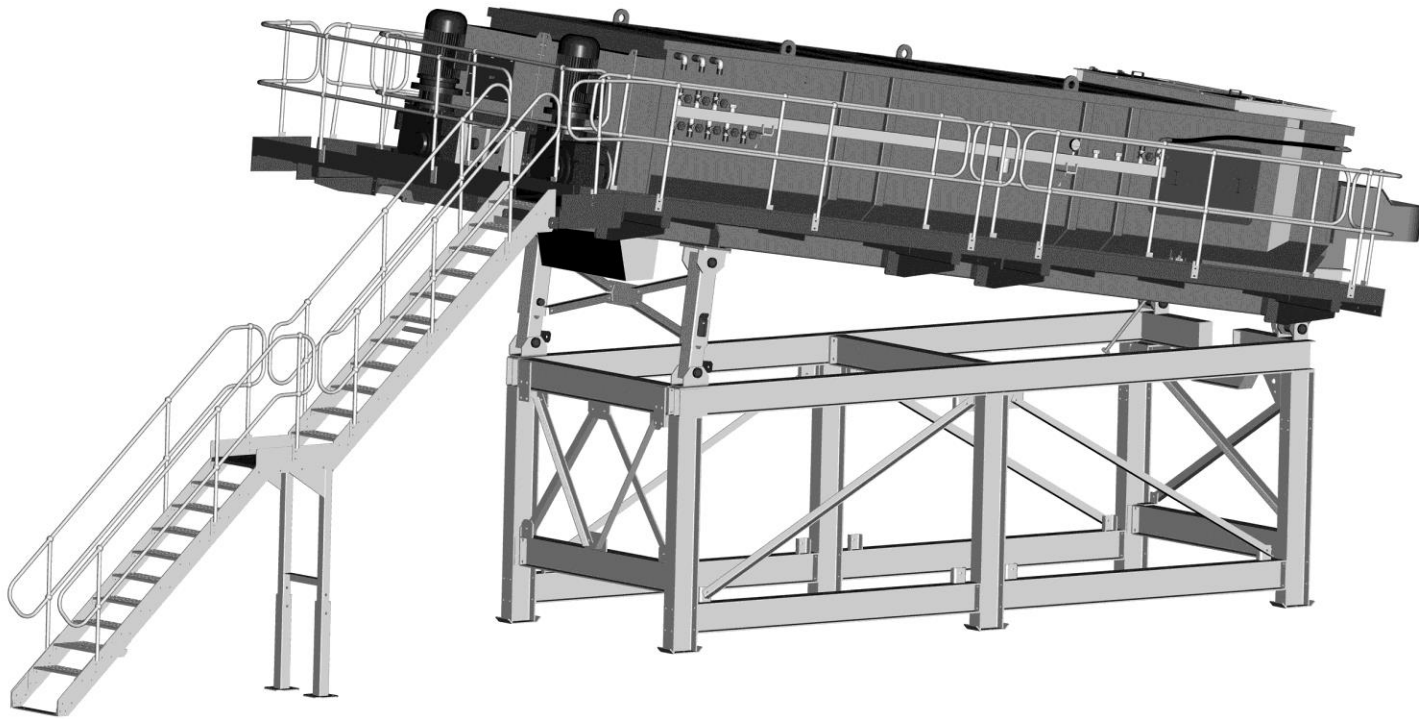




**WASHING  
SYSTEMS**

# PS 200R / PS 200



**WASHING AS IT SHOULD BE**

## FEATURES AND BENEFITS

- Designed to produce cleaner material at a faster rate
- Specifically designed to work in the recycling industry, its versatility and design enables it to be easily adapted to work in gravel applications
- Consists of a trough and two spiral axles running counter to one another with exchangeable blades which intensively mix the feed material
- Water used in this process is recirculated to a water treatment facility
- Two high output planetary drive gearboxes, directly driving two interlinked counter-rotating axles, which perform the scrubbing action
- Interchangeable high tensile blades
- The material forms a bed in the hull, preventing wear in the steel trough
- The lower bearings are fresh water flushed to prevent wear or damage from small particles
- The machines are fitted with an elevated spray bar system, which constantly adds water to the material. This washes the material and encourages lighter particles to float through the water exit
- Full length walkway and steps, fitted around 2 sides of the machine, for ease of access and to view production
- 4 lifting points firmly attached to the sides of the hull for carriage when required
- Large inlet chute with bolt in breaker bar and rubber lining
- Rubber lined catchboxes and outlet chutes
- Versatility and design enables it to be easily adapted to work in gravel applications
- Hull designed to reduce material build up in the trough
- Low water consumption
- Remote greasing to all bearings
- Heavy-duty robust construction ideal for rugged operating environments
- High capacity throughput, typically up to 200mtph
- Freshwater inlet 4" nipple

## **SPECIFIC TO 200R**

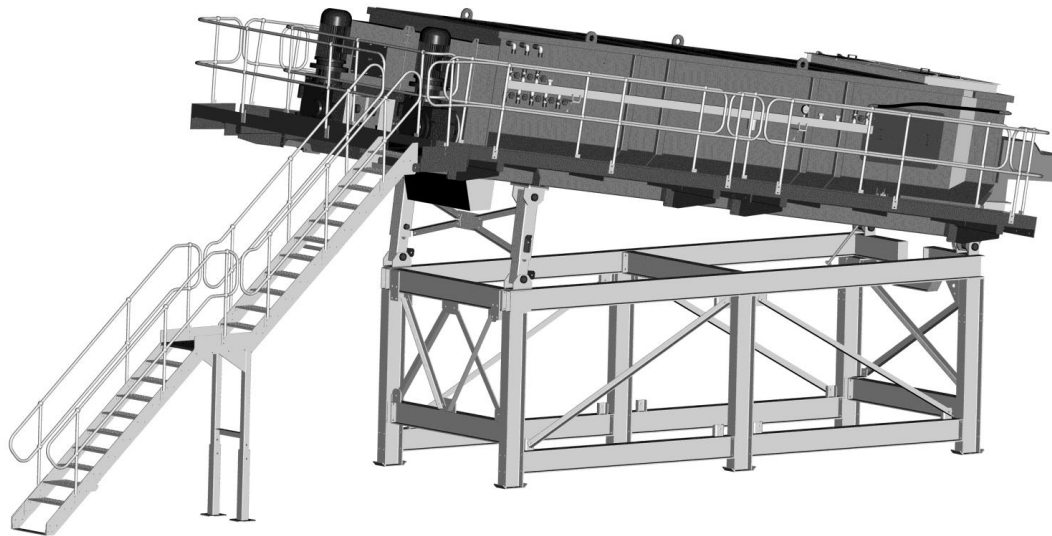
- A built in agitation system excites lighter particles, causing them to float and in turn discharge via the adjustable water exits on the water discharge side
- Optional dewatering screens can be fitted to either end of the machine
- Specifically designed to work in recycling applications to separate contaminants from saleable material
- 12x5 dewatering screen removes excess water from material before final screening
- 6x2 dewatering screen separates lighter particles from the material on which it is floating

## OPTIONS

- Custom height galvanized structure
- Electric control panel
- Standard logwasher on skid frame

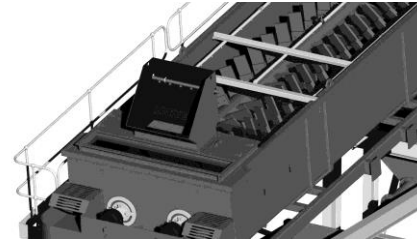
## APPLICATIONS

- Gravel
- Crushed material
- Recycled / demolition material
- Most kinds of material that needs washed/scrubbed
- Iron ore

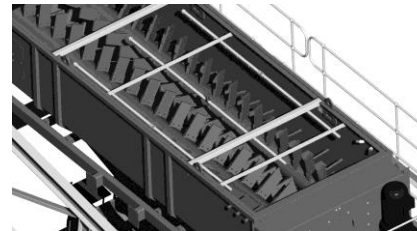


## HULL

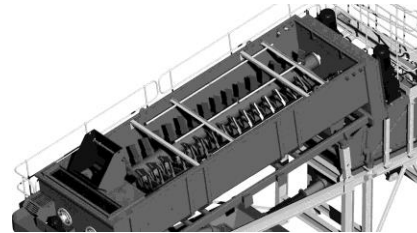
- Two high output electrical motors driving two counter rotating axles, which perform the scrubbing action
- Interchangeable high tensile blades
- Fresh water flushed bearings to prevent wear or damage
- Elevated spray barsBuilt in agitation system
- 4 lifting points firmly attached to the sides of the hull for carriage when required
- Inspection hatches at inlet to clear debris
- Flowforge to provide a safe working environment



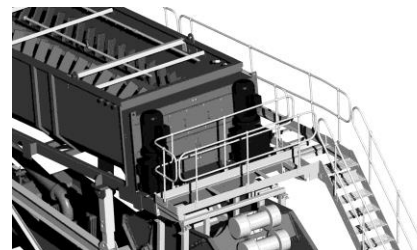
Chute to slow and split the feed-in material



Side mounted water injection system



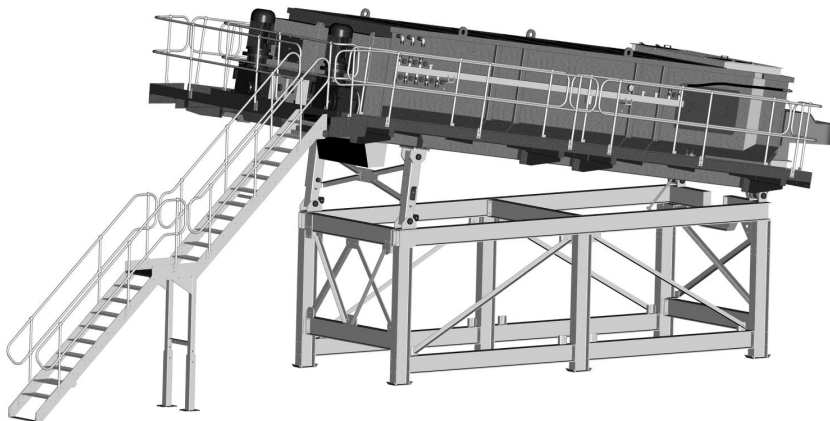
Spiral axles with high tensile and quickly replaceable blades



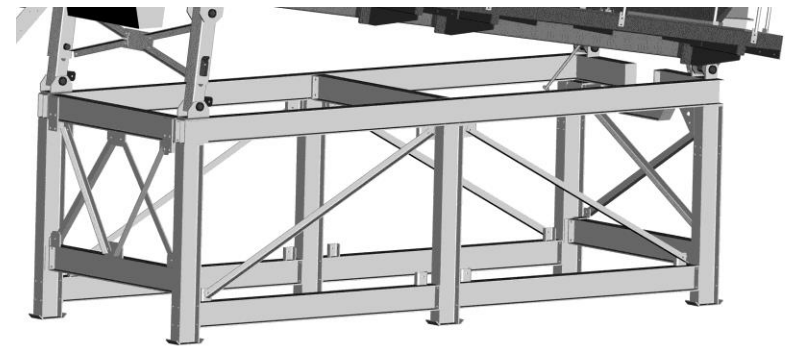
Hull with integrated lifting points

## FRAME

- Galvanized sections for extended maintenance-free service
- Bolt together construction for ease of transport
- Heavy duty steel construction
- Easy access to serviceable areas
- Full length walkway and steps, which can be fitted on either side of the machine, for ease of access and to view production



Full length walkway and steps, on 2 sides of machine



Galvanized bolt-up structure

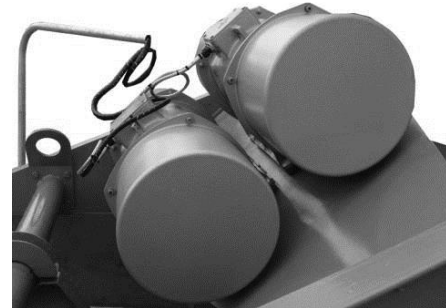


## TRASH SCREEN

- Size 1.8m x 0.6m (6' x 2')
- Vibratory motors 1kW (1.34hp) (2off) 960 rpm
- Screen aperture 3mm, 2mm & 1mm screens
- Exceptional dewatering performance
- Modular screen decks
- Side protection liners
- Plastic lined discharge chute



Sloped back panel and modular screen decks



Low noise vibrating motor

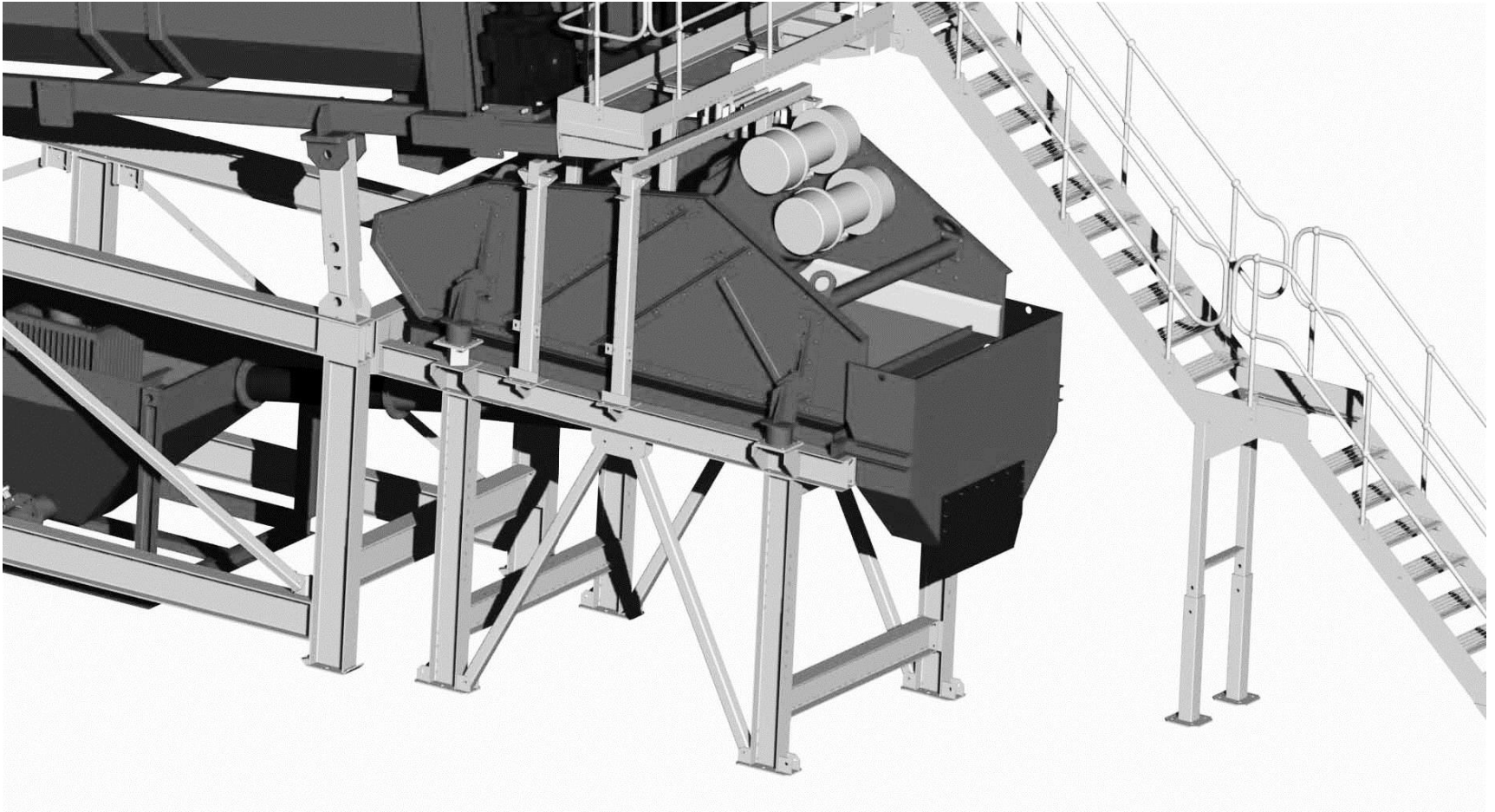


Flume system for transfer from hull to screen



Plastic lined chute



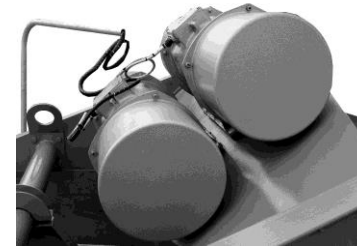


**WASHING SYSTEMS**

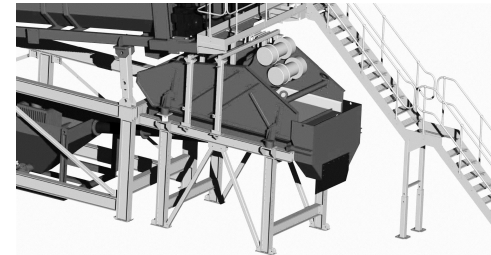
**WASHING AS IT SHOULD BE**

## AGGREGATE SCREEN

- Size 3.7m x 1.2m (12' x 5')
- Vibratory motors 4kW (5.5hp) (2off) 960 rpm
- Screen aperture 0.5mm discharge side
- Exceptional dewatering performance
- Modular screen decks
- Side protection liners
- Marsh mellow screen mounts for smoother running
- Plastic lined discharge chute



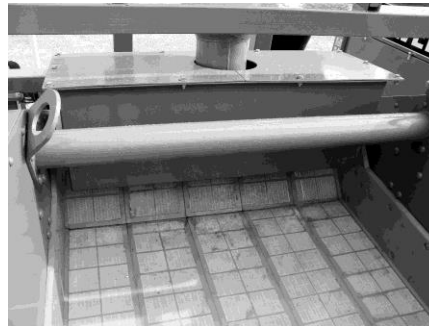
Low noise vibrating motor



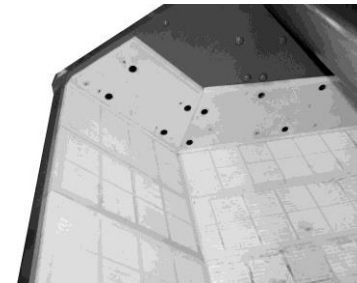
Plastic lined chute



High efficiency rubber screen mount for minimal vibration



Modular screen decks and side protection liners



Sloped back panel for maximum water removal