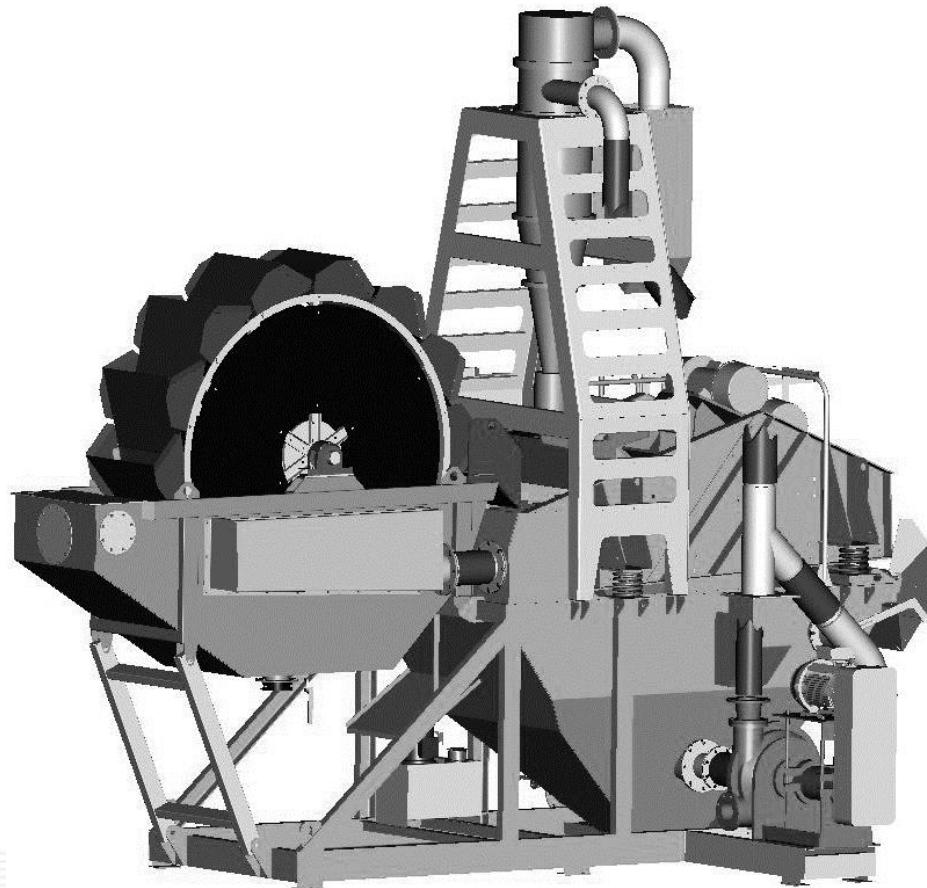


FM 60 BW



WASHING AS IT SHOULD BE

FEATURES AND BENEFITS

- Static sand recovery unit on one chassis
- A dewatering bucket wheel
- Centrifugal slurry pump
- Hydrocyclone
- Collection tank
- 8 x 4 dewatering screen
- Produces one grade of sand
- Designed to work in conjunction with Terex Washing Systems range
- Underflow rubber lined slurry pump
- Single bucket wheel with variable speed control
- One rubber lined hydrocyclone which classifies at approximately 75µm (200 mesh)
- Self regulating cyclone tank complete with built in float system and anti-turbulence sections
- High frequency 2.4m x 1.2m (8' x 4') dewatering screen fitted with polyurethane modular mats
- Weir discharge system which reduces the volume of fines entering the Cyclone collection tank
- Collapsible bucket wheel tank for easy transport
- Bucket wheel performs 80-90% of the work. This keeps the pump and cyclone size to a minimum•Reduced pump and cyclone wear
- Reduced overall power requirements
- Reduced running costs
- Maximum recovery of material above 75µm (200 mesh)
- Removes silt, slimes and clays below 75µm (200 mesh)
- Removes water following dewatering operation to 10–15% of residual water content
- Major reduction in saleable material discharging to the pond, thus reducing pond maintenance and saving money
- Heavy-duty robust construction ideal for rugged operating environment
- Low maintenance
- All wear areas rubber lined
- Walkway and access ladder
- Quick assembly time
- Breaks down into one 40' container (12m container)
- Approx 40-60 tph

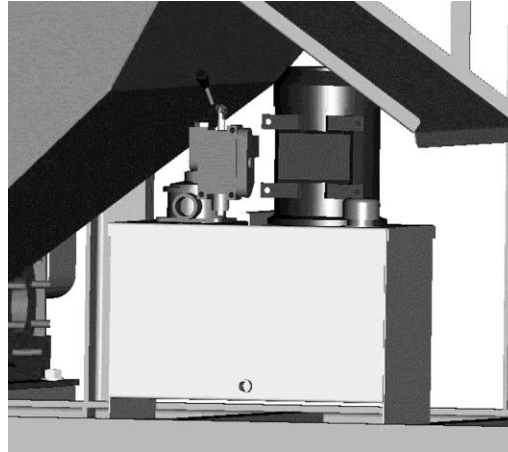
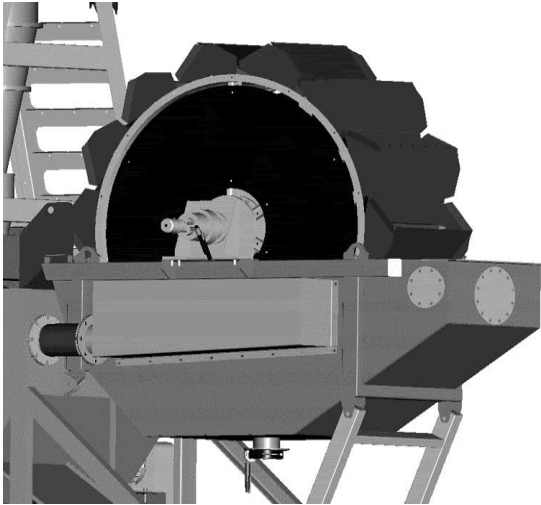
APPLICATIONS

- All forms of concrete, mortar and asphalt sands
- Quarry dust / crushed fines
- Lake and beach sands
- Silica sand for glass industry
- Golf course sands
- Filter bed sands
- Recycled materials
- Iron ore
- Most materials which need to be washed

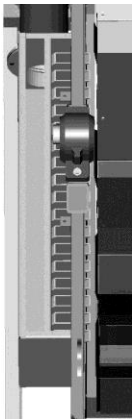
OPTIONS

- Bolt on boiler box
- Control panel
- Dewatering screen spraybars

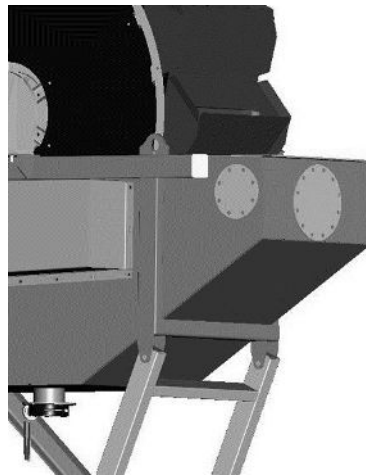
BUCKET WHEEL



Integrated electric
powerpack for bucket
wheel speed adjustment



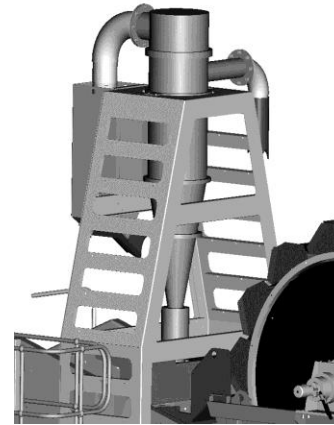
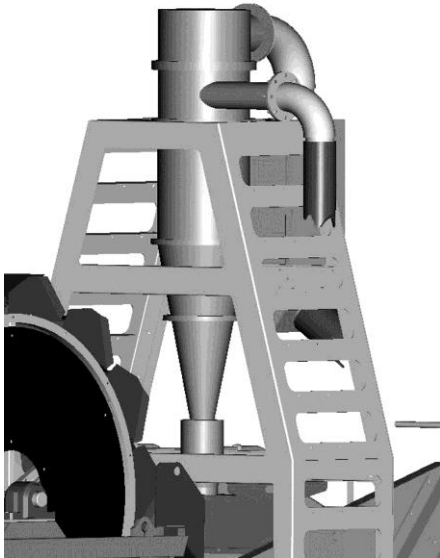
Weir discharge system



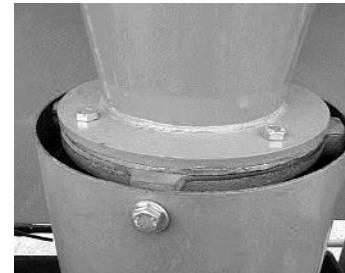
Anti-turbulence inlets in bucket tank

CYCLONE

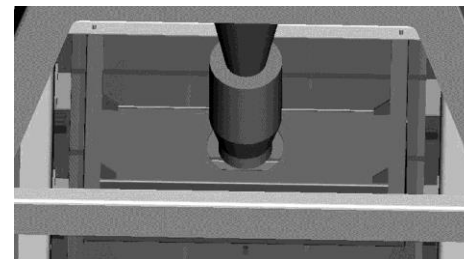
- G4 500 hydrocyclone
- Spigot discharge
- All wear areas rubber lined
- Pump capacity 190m³
- Underflow collection box
- Pressure flange with pressure gauge and protector
- 150mm (6") rubber lined slurry delivery hose



Rubber lined sealed slurry transfer pipe complete with heavy duty clamps



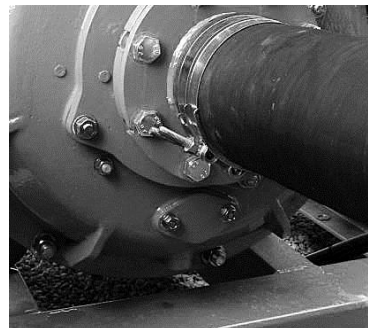
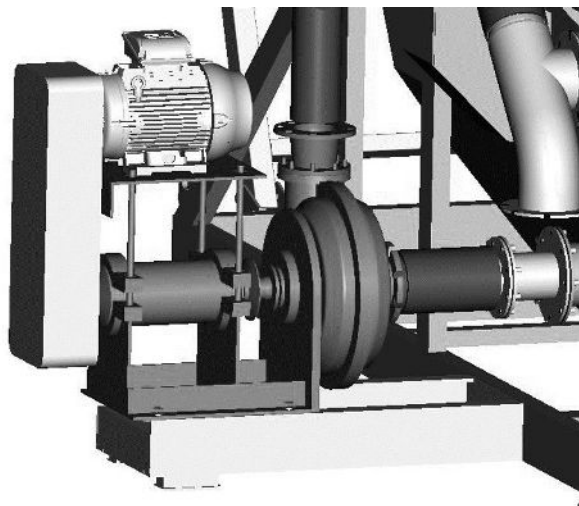
Adjustable rubber lined spigot



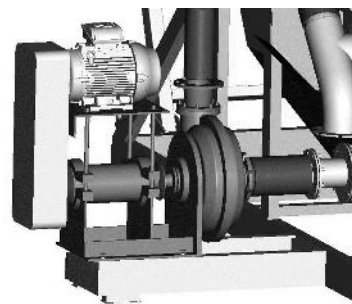
Full width underflow distribution box

CENTRIFUGAL PUMP

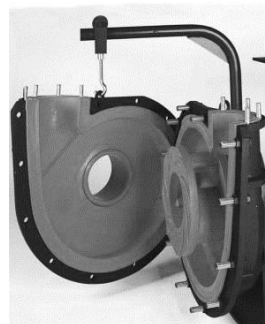
- Size 150/125mm (Heavy duty rubber lined)
- Motor 15kW (20hp) (IP55 enclosure)
- Max Working pressure 6 bar
- Typical flow rate 200m³ (700gpm)
- Abrasion resistant liners
- Moulded rubber impeller
- Excellent serviceability



Pump drain for cold climate applications



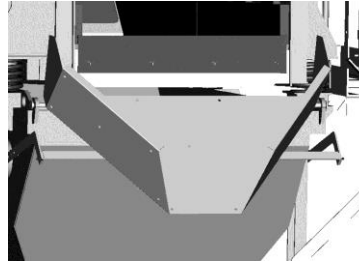
Easy access for ease of maintenance



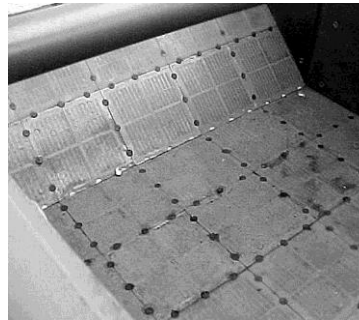
Fully rubber lined for increased wear life

DEWATERING SCREEN

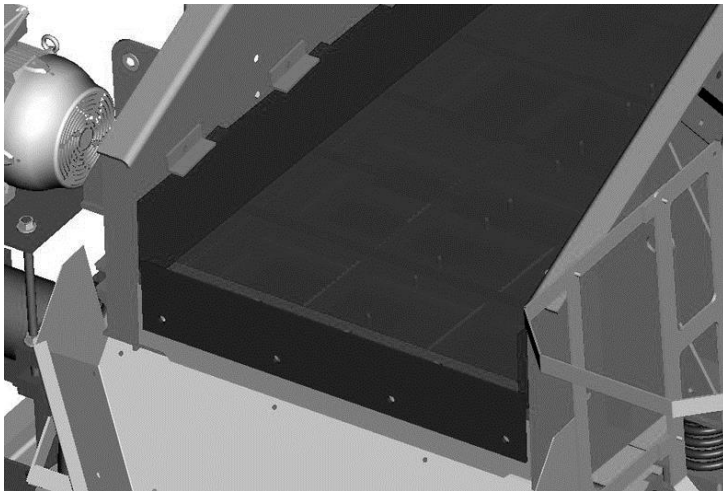
- Size 2.4m x 1.2m (8' x 4')
- Vibratory Motors 3kW (4hp)(2off) 960rpm
- Screen Aperture 0.5mm
- Exceptional dewatering performance
- Modular screen decks
- Side protection liners
- Rubber lined discharge chute



Rubber lined chute



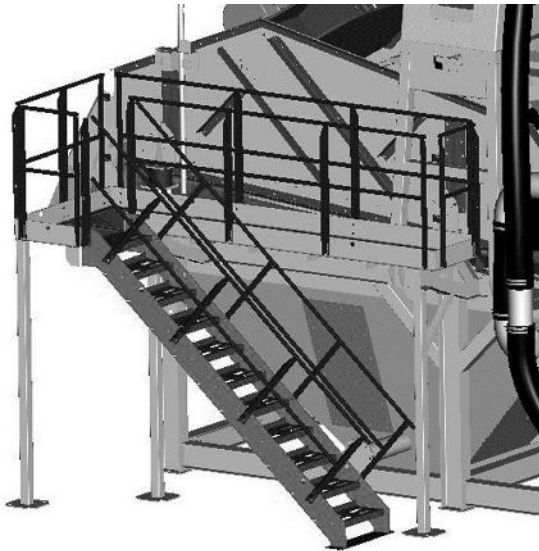
0.5mm panels fitted to screen



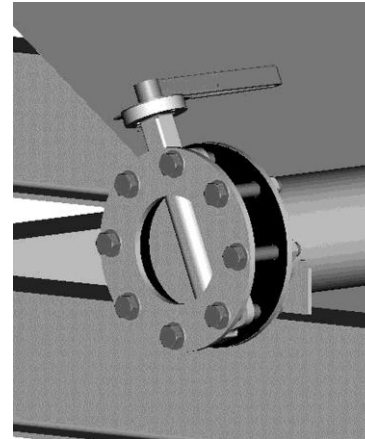
Low Noise vibrating motor

CHASSIS

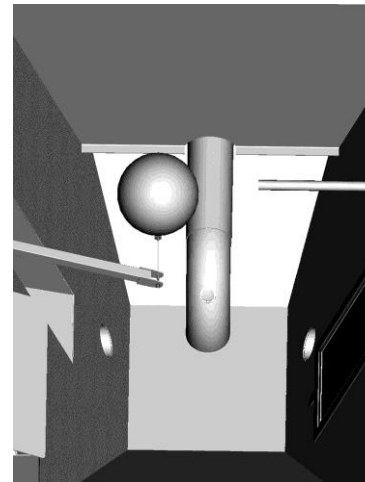
- Self regulating cyclone tank complete with built in float system
- Built in anti-turbulence sections
- Heavy duty steel construction
- Easy access to all serviceable areas
- Walkway and steps for ease of maintenance
- Bucket tank foldable for ease of transport



Walkway and steps
for ease of
maintenance



Integrated tank
drains for ease of
maintenance



Float system for
self regulation of
tank water level