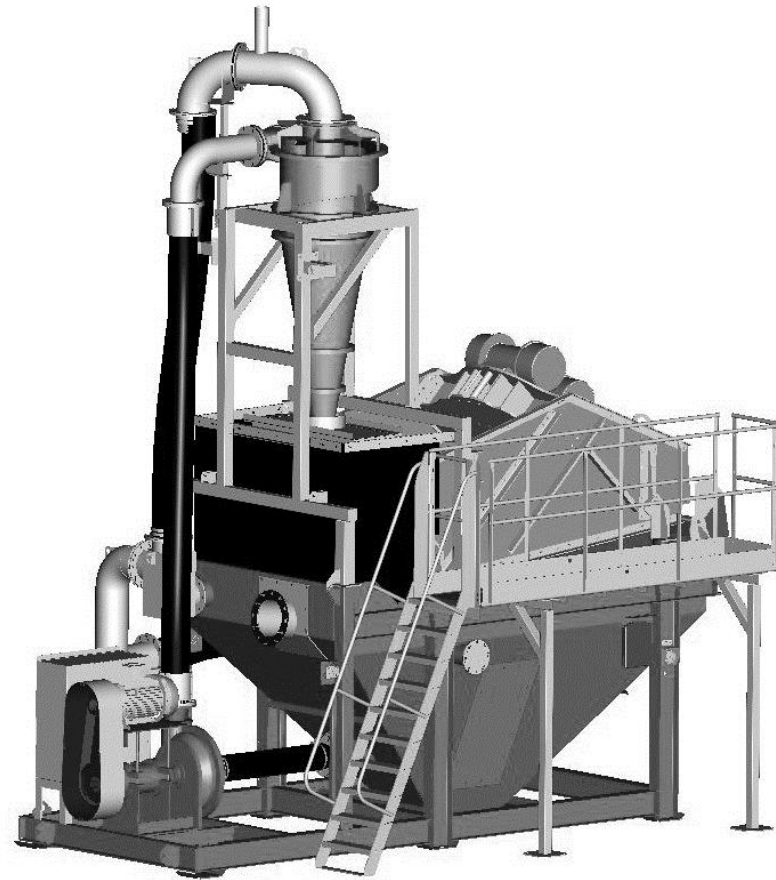


FM 120 C



WASHING AS IT SHOULD BE

FEATURES AND BENEFITS

- Static sand recovery unit on one chassis
- Centrifugal slurry pump
- Hydrocyclone
- Collection tank
- 12 x 5 dewatering screen
- Produces one grade of sand
- Designed to work in conjunction with Terex Washing Systems range
- Underflow rubber lined slurry pump
- One rubber lined hydrocyclone which classifies at approximately 75 μ m (200 mesh)
- Self regulating cyclone tank complete with built in float system and anti-turbulence sections
- High frequency 12 x 5 dewatering screen fitted with polyurethane modular mats
- Maximum recovery of material above 75 μ m (200 mesh)
- Removes silt, slimes and clays below 75 μ m (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 stairs
- Quick assembly time
- Breaks down into one 40' (12m) container
- Approx 80-120 tph

APPLICATIONS

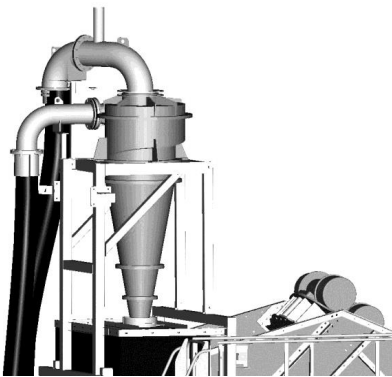
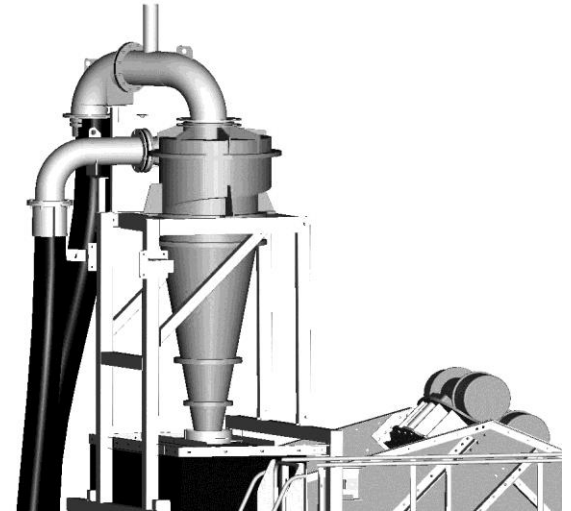
- All forms of concrete, mortar and asphalt sands
- Quarry dust / crushed fines
- Lake and beach sands
- Silica sand for glass industry
- Golf course sands
- Filter bed sands
- Recycled materials
- Iron ore
- Most materials which need to be washed

OPTIONS

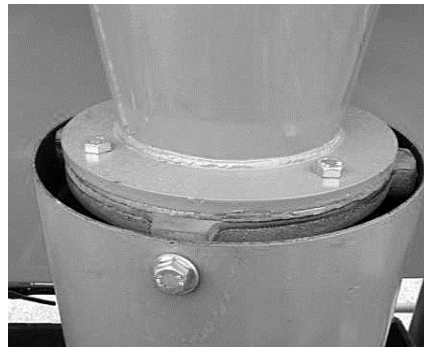
- Boiler box for dry feed
- Electrical control panel
- Spraybars on dewatering screens

CYCLONE

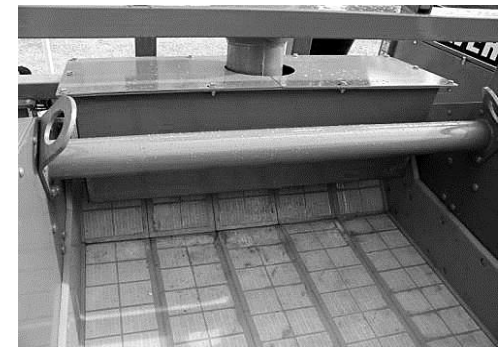
- One G4 660 hydrocyclone
- Spigot discharge
- All wear areas rubber lined
- Underflow collection box
- Pressure flange with pressure gauge and protector
- 200mm (8") rubber lined slurry delivery hose



Rubber lined sealed slurry transfer pipe complete with heavy duty clamps



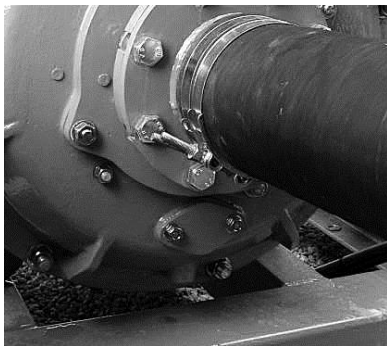
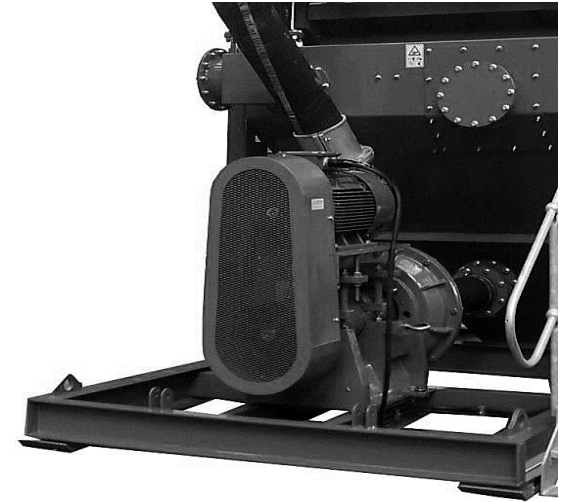
Rubber lined spigot



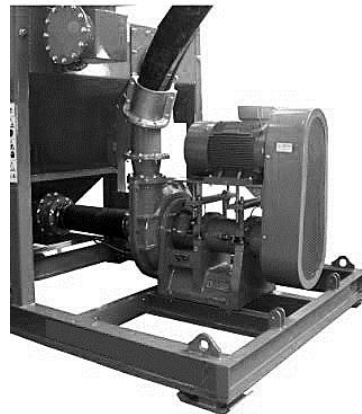
Full width underflow distribution box giving and even flow to the screen

CENTRIFUGAL PUMP

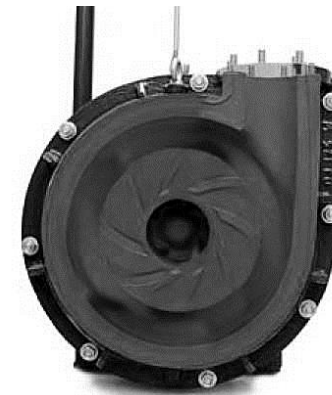
- Size 200/150mm (Heavy duty rubber lined)
- Motor 30kW (40hp) (IP55 enclosure)
- Pump capacity 250m³
- Abrasion resistant liners
- Moulded rubber impeller
- Excellent serviceability



Pump drain for cold climate applications



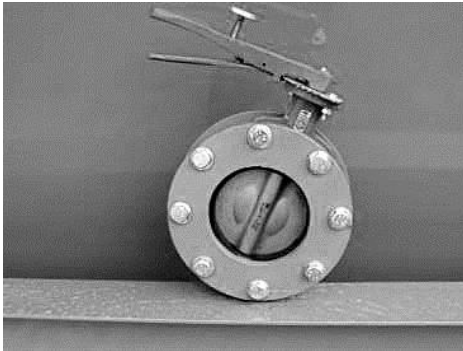
Easy access for ease of maintenance



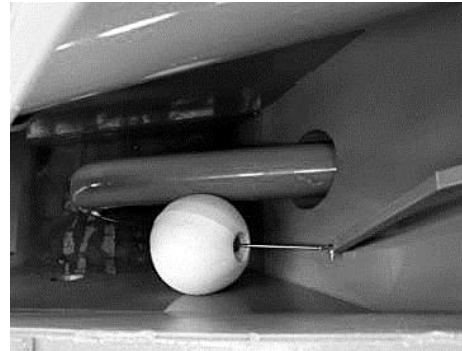
Fully rubber lined for increased wear life

CHASSIS

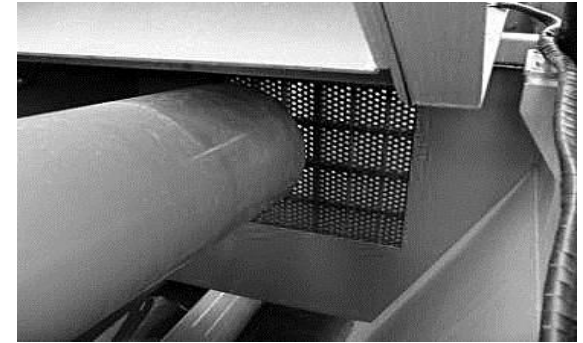
- Self regulating cyclone tank complete with built in float system
- Build in anti-turbulence sections
- Heavy duty steel construction
- Easy access to serviceable areas
- Walkway with steps and handrails



Integrated tank drains for ease of maintenance



Float system for self regulation of tank water level



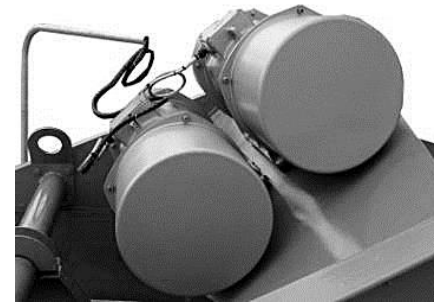
Rubber lined anti-turbulence inlet



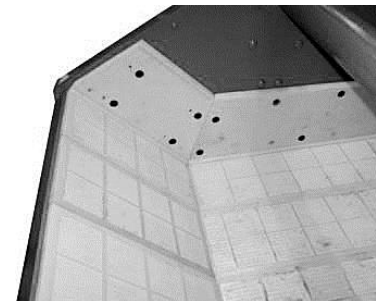
Walkway, steps and handrails included standard with all machines

DEWATERING SCREEN

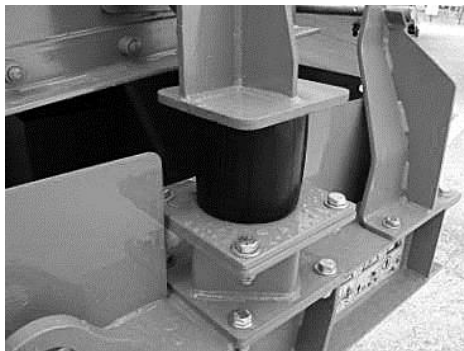
- Size 3.7m x 1.5m (12' x 5')
- Vibratory motors 4kW (5.5hp) (2off) 960rpm
- Screen aperture 0.5mm (0.02") feed side & 0.5mm (0.02") discharge side
- Exceptional dewatering performance
- Compression fit modular screen decks
- Side protection liners
- Marshmellow® screen mounts for smoother running
- Plastic lined discharge chute



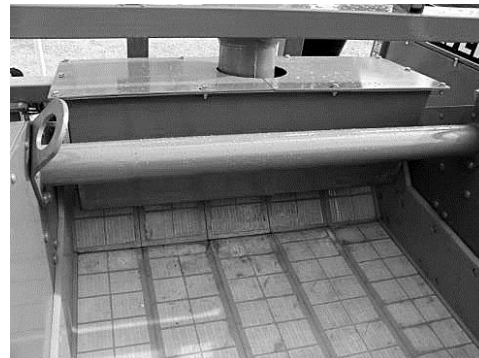
Low noise vibrating motor



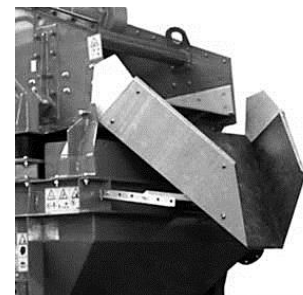
Sloped back panel for maximum water removal



High efficiency rubber screen mount for minimal vibration



Modular screen decks and side protection liners



Plastic lined chute