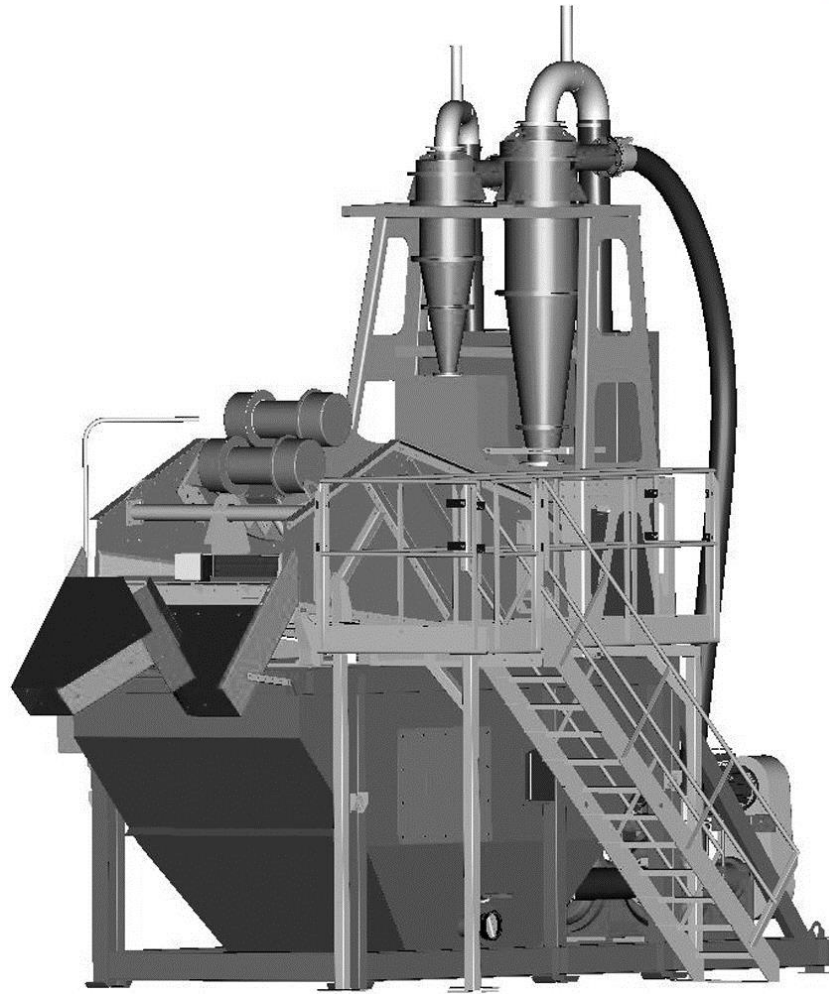




**WASHING  
SYSTEMS**

# FM 120 2G C



**WASHING AS IT SHOULD BE**

## FEATURES AND BENEFITS

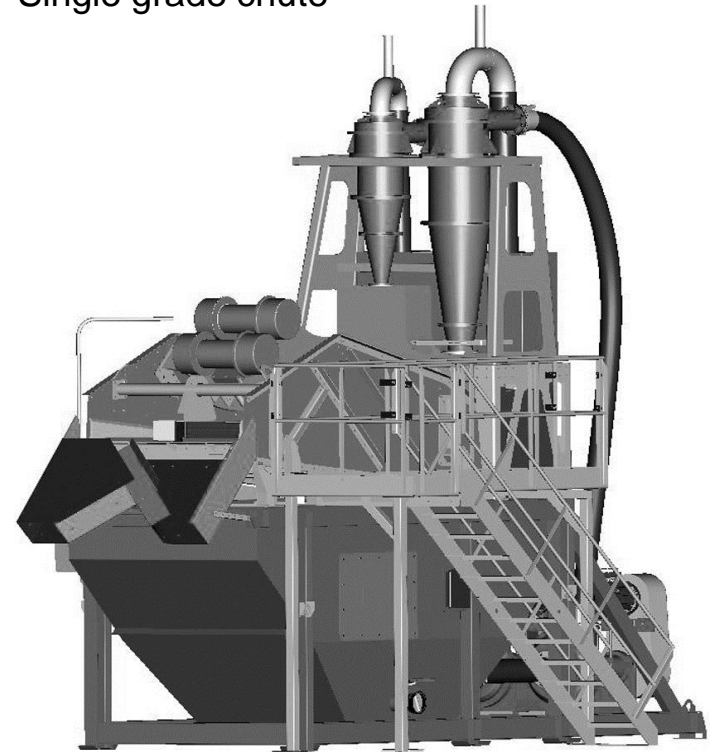
- Static sand recovery unit
- One chassis
- Two centrifugal slurry pumps
- Two hydrocyclones
- Collection tank
- Split 12 x 5 dewatering screen
- Produce two grades of sand
- Works in conjunction with Terex Washing Systems Range
- Underflow rubber lined slurry pumps
- Two rubber lined hydrocyclones which classifies at approximately 75 $\mu$ m (200 mesh)
- Self regulating cyclone tank complete with built in float system and anti-turbulence sections
- High frequency split 3.6m x 1.5m (12 x 5) dewatering screen fitted with polyurethane modular mats
- Maximum recovery of material above 75 $\mu$ m (200 mesh)
- Removes silt, slimes and clays below 75 $\mu$ 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 ladder
- 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

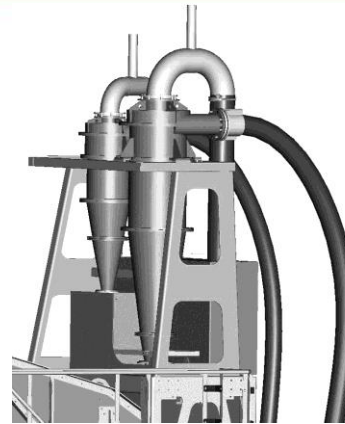
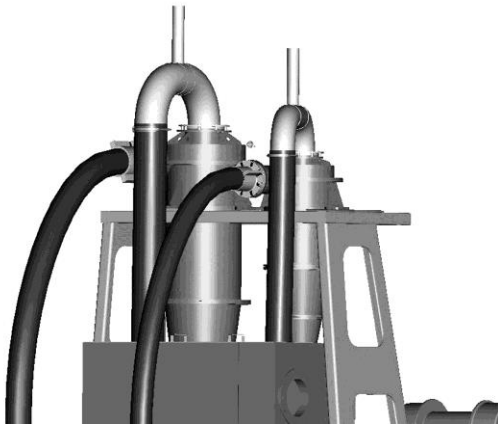
## OPTIONS

- Electrical control panel
- Spraybars on dewatering screens
- Single grade chute

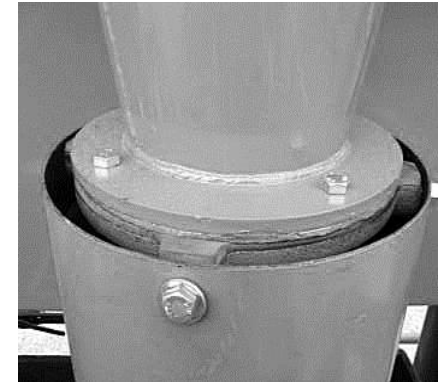


## CYCLONES

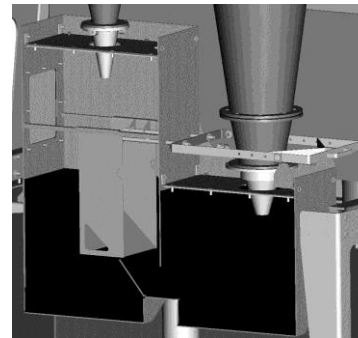
- G4 500 Hydrocyclone (Course)
- G4 375 Hydrocyclone (Fine)
- Spigot discharge
- All wear areas rubber lined
- Underflow collection box
- Pressure flange with pressure gauge and protector
- 150mm (6") rubber lined slurry delivery hose (Course cyclone)
- 125mm (5") rubber lined slurry delivery hose (Fine cyclone)



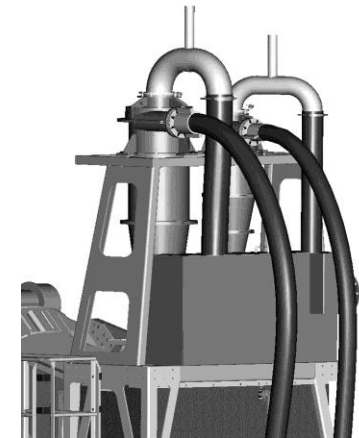
Extended fines cyclone for maximum fines retention



Rubber lined spigot



Movable chute to allocate fine material to the coarse product



Specialized rubber lined sealed slurry transfer pipe complete with heavy duty clamps

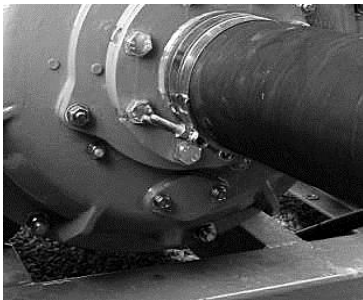
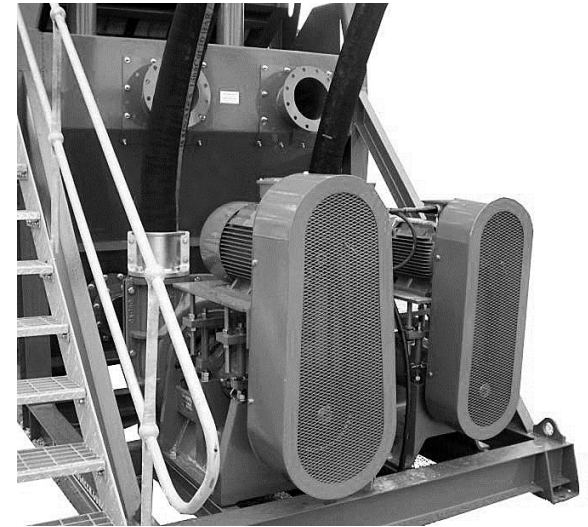
## CENTRIFUGAL PUMPS

### Fines Cyclone

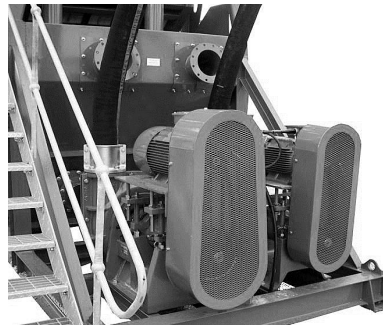
- Size 150/125mm (Heavy duty rubber lined)
- Motor 15kW (20hp) (IP55 enclosure)
- Pump capacity 250m<sup>3</sup>
- Abrasion resistant liners
- Moulded rubber impeller
- Excellent serviceability

### Course Cyclone

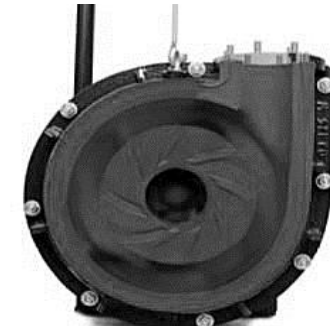
- Size 200/150mm (Heavy duty rubber lined)
- Motor 18.5kW (24hp) (IP55 enclosure)
- Abrasion resistant liners
- Moulded rubber impeller
- Excellent serviceability



Pump drain for cold climate applications



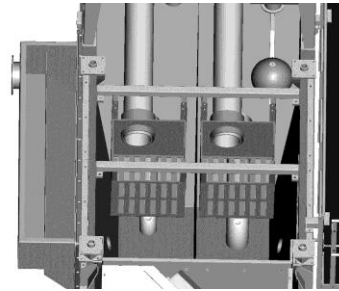
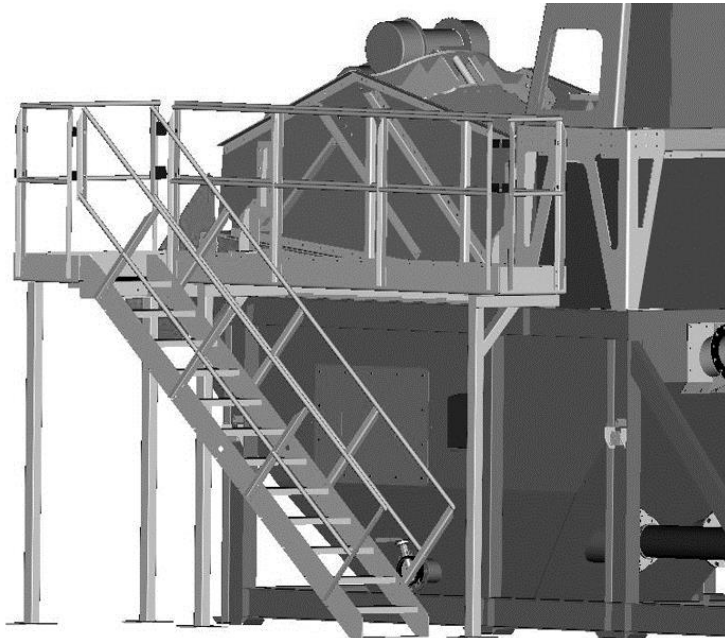
Easy access for ease of maintenance



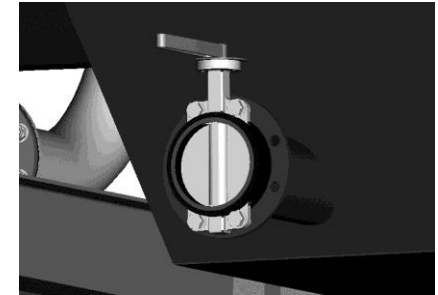
Fully rubber lined for increased wear life

## CHASSIS

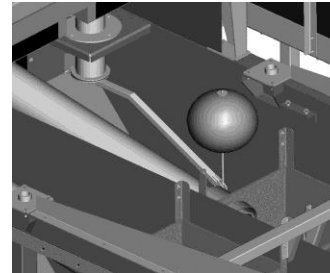
- Self regulating cyclone tank complete with built in float system
- Build in anti-turbulence sections
- Split two product tank
- Heavy duty steel construction
- Easy access to all serviceable areas
- Walkway with steps and handrails



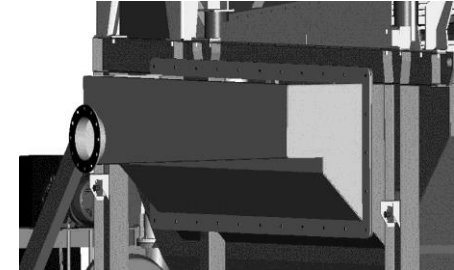
Rubber lined anti-turbulence inlet



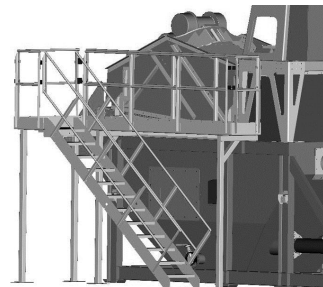
Integrated tank drains for ease of maintenance



Float system for self regulation of tank water level



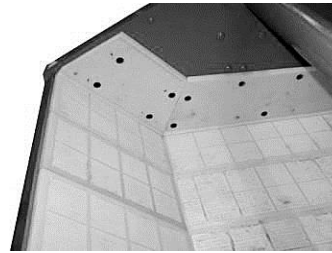
Fines side excess silt overflow weir



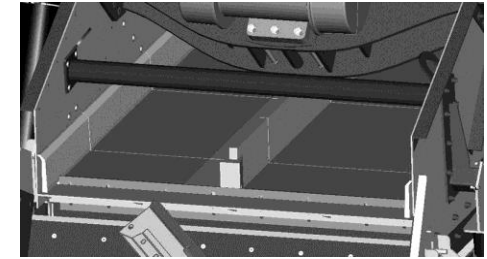
Walkway, steps and handrails included standard with all machines

## DEWATERING SCREEN

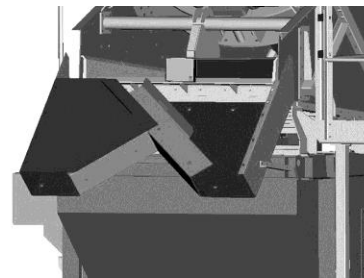
- Size 3.7m x 1.5m (12' x 5')
- Vibratory motors 4kW (5.5hp)(2off) 960 rpm
- Screen aperture 0.3mm feed side & 0.5mm discharge side
- Exceptional dewatering performance
- Modular screen decks
- Side protection liners
- Marshmellow® screen mounts for smoother running
- Lined discharge chute
- Rubber lined division plate



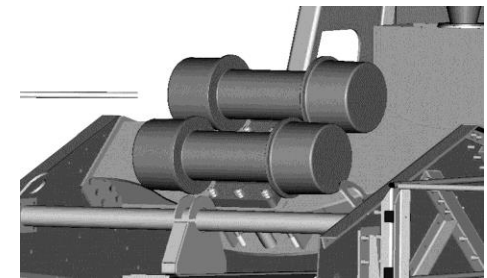
Sloped back panel for maximum water removal



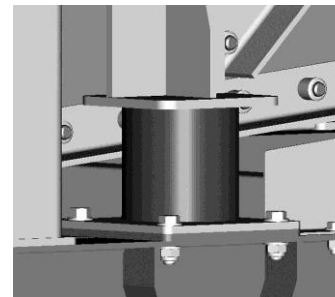
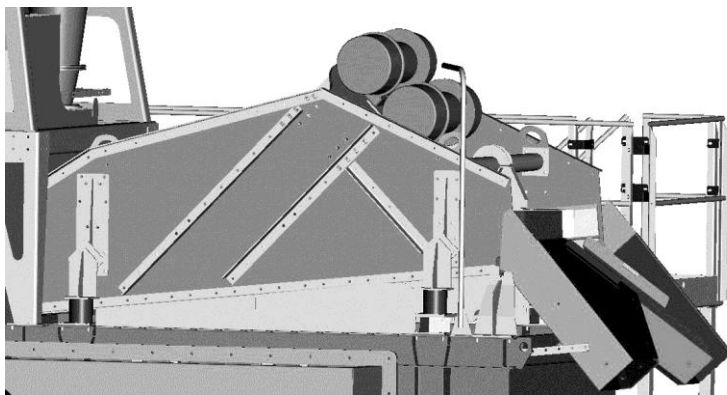
Adjustable division plate with modular screen decks and side protection liners



Integrated rubber lined dual chute with blending facility



Low noise vibrating motor



High efficiency rubber screen mount for minimal vibration