

FM 20 C



FEATURES

- Static sand recovery unit on one chassis
- Centrifugal slurry pump
- Hydrocyclone
- Collection tank
- 6 x 2 dewatering screen
- Produces one grade of sand
- Designed to work in conjunction with Terex Washing Systems range

FEATURES AND BENEFITS

- Underflow rubber lined slurry pump
- One rubber lined hydrocyclone which classifies at approximately 75 µm (200 mesh)
- Self regulating cyclone tank complete with built in float system and Anti-turbulence sections
- High frequency 1.8m x 0.6m (6 x 2) dewatering screen fitted with polyurethane modular mats
- Maximum recovery of all material above 75 µm (200 mesh)
- Removes silt, slimes and clays below 75 µm (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
- Galvanised walkway and access steps
- Quick assembly time
- Breaks down into one 20' (12m) container
- Approx 15-20 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

SPECIFICATIONS

TECHNICAL DIMENSIONS

LENGTH	3.8m (12'6")
WIDTH (INC WALKWAY)	2.2m (7'3")
HEIGHT	5.6m (18'5")
TOTAL WEIGHT (APPROX)	4500kg (9920lb)



CYCLONE

One 12" (305mm) Hydrocyclone

Spigot discharge

All wear areas rubber lined

Underflow collection box

Pressure flange with pressure gauge and protector

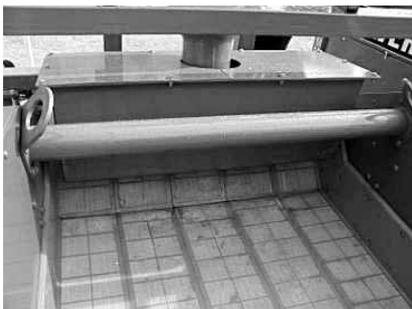
100mm (4") rubber lined slurry delivery hose



Rubber lined sealed slurry transfer pipe complete with heavy duty clamps



Adjustable rubber lined spigot



Full width underflow distribution box

CENTRIFUGAL PUMP

Size 100/100mm (Heavy duty rubber lined)

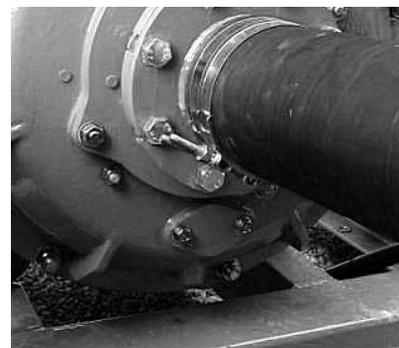
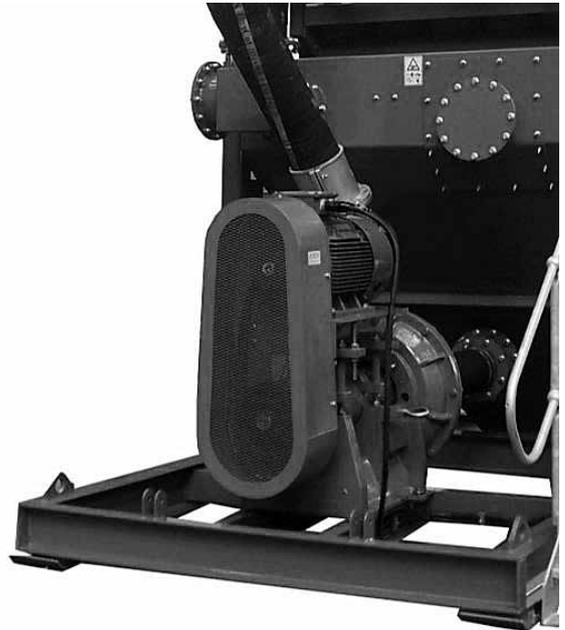
Motor 11kW (15hp) (IP55 enclosure)

Pump capacity 100m³

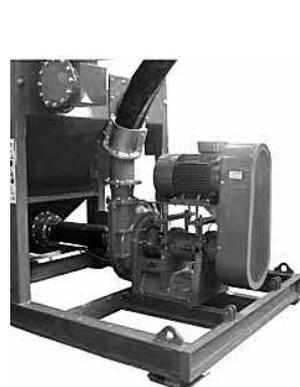
Abrasion resistant liners

Moulded rubber impeller

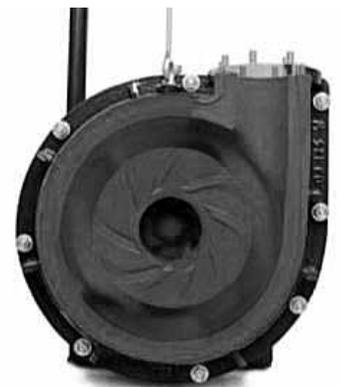
Excellent serviceability



Pump drain for cold climate applications



Easy access for ease of maintenance



Fully rubber lined for increased wear life

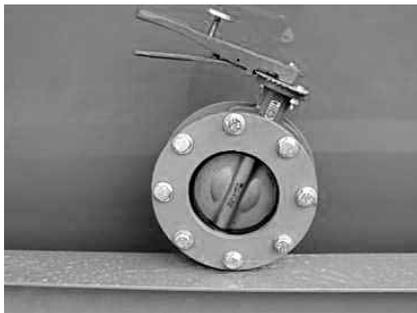
CHASSIS

Self regulating cyclone tank complete with built in float system

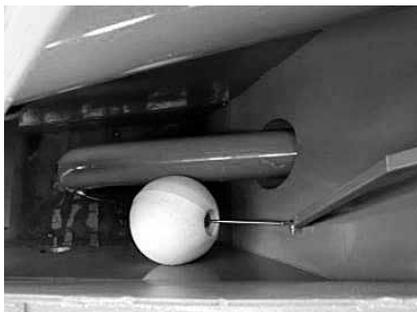
Heavy duty steel construction

Easy access to all serviceable areas

Fully galvanized walkway with steps and handrails



Integrated tank drains for ease of maintenance



Float system for self regulation of tank water level



Galvanized walkway, steps and handrails included standard with all machines

DEWATERING SCREEN

Size 1.8m x 0.6m (6' x 2')

Vibratory Motors 1kW (1.34hp)(2off) 960rpm

Screen Aperture 0.5mm

Exceptional dewatering performance

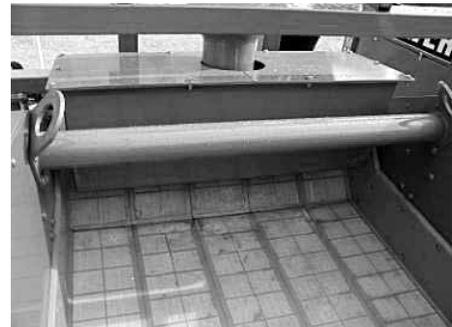
Modular screen decks

Side protection liners

Plastic lined discharge chute



High efficiency rubber screen mount for minimal vibration transfer



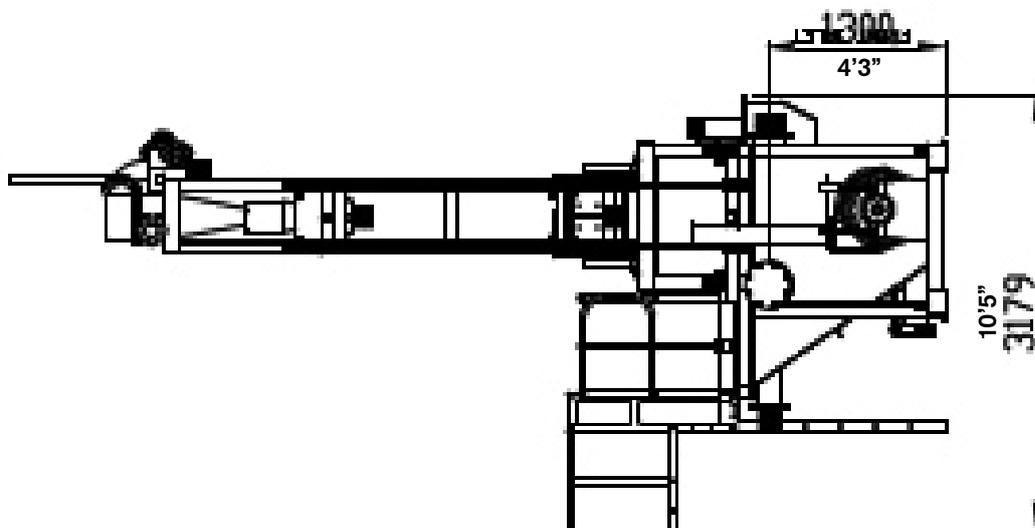
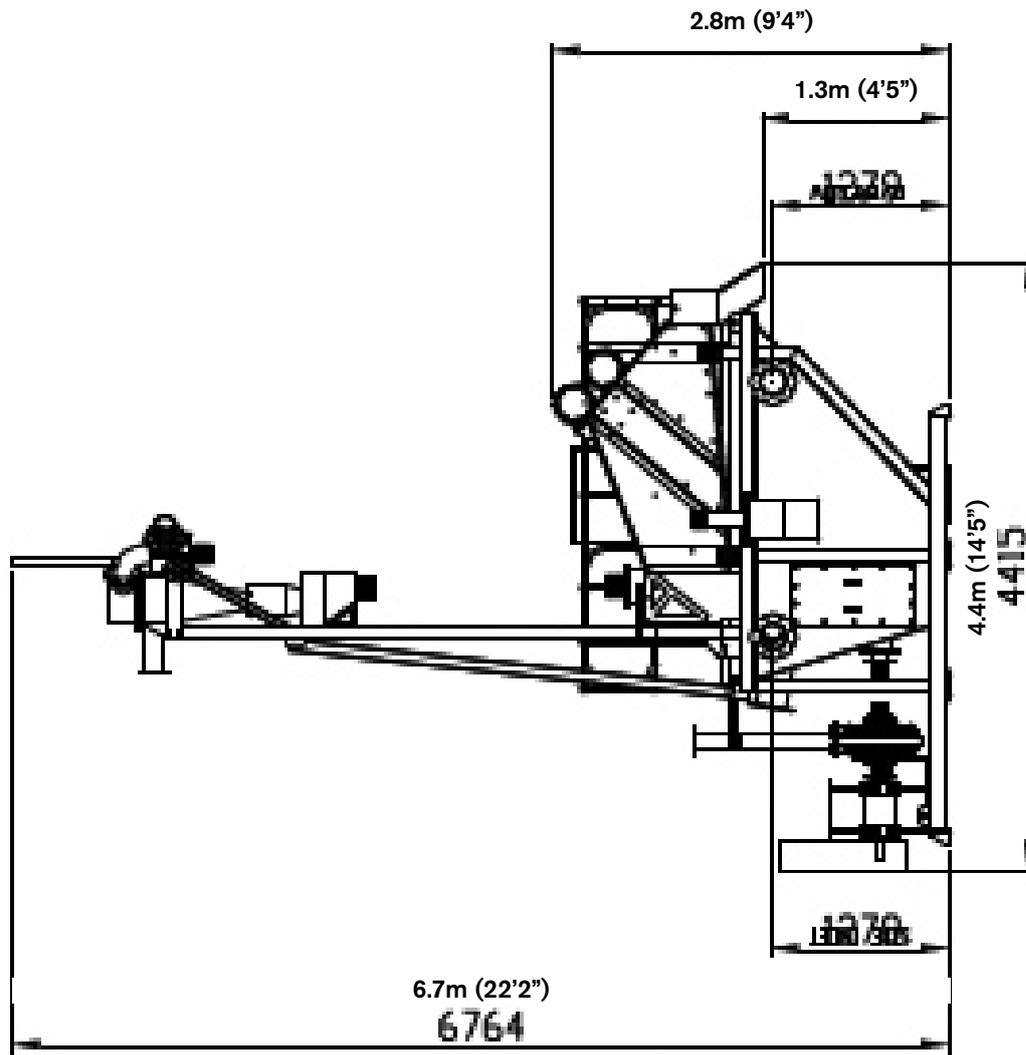
Modular screen decks and side protection liners



Low noise, high power vibrator motors.

DIMENSIONS

FM 20 C WORKING DIMENSIONS



TEREX WASHING SYSTEMS CONTACT DETAILS

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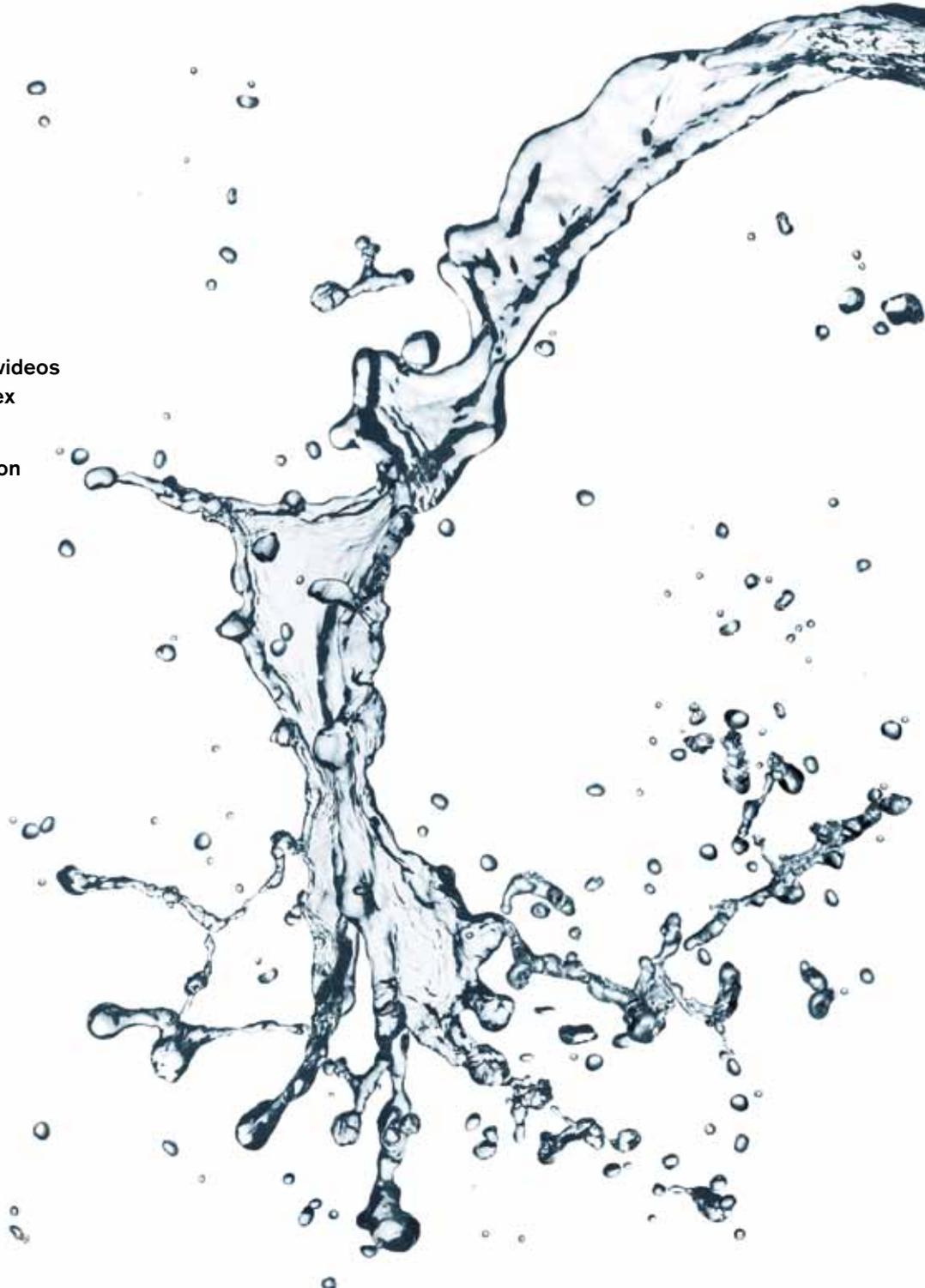
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