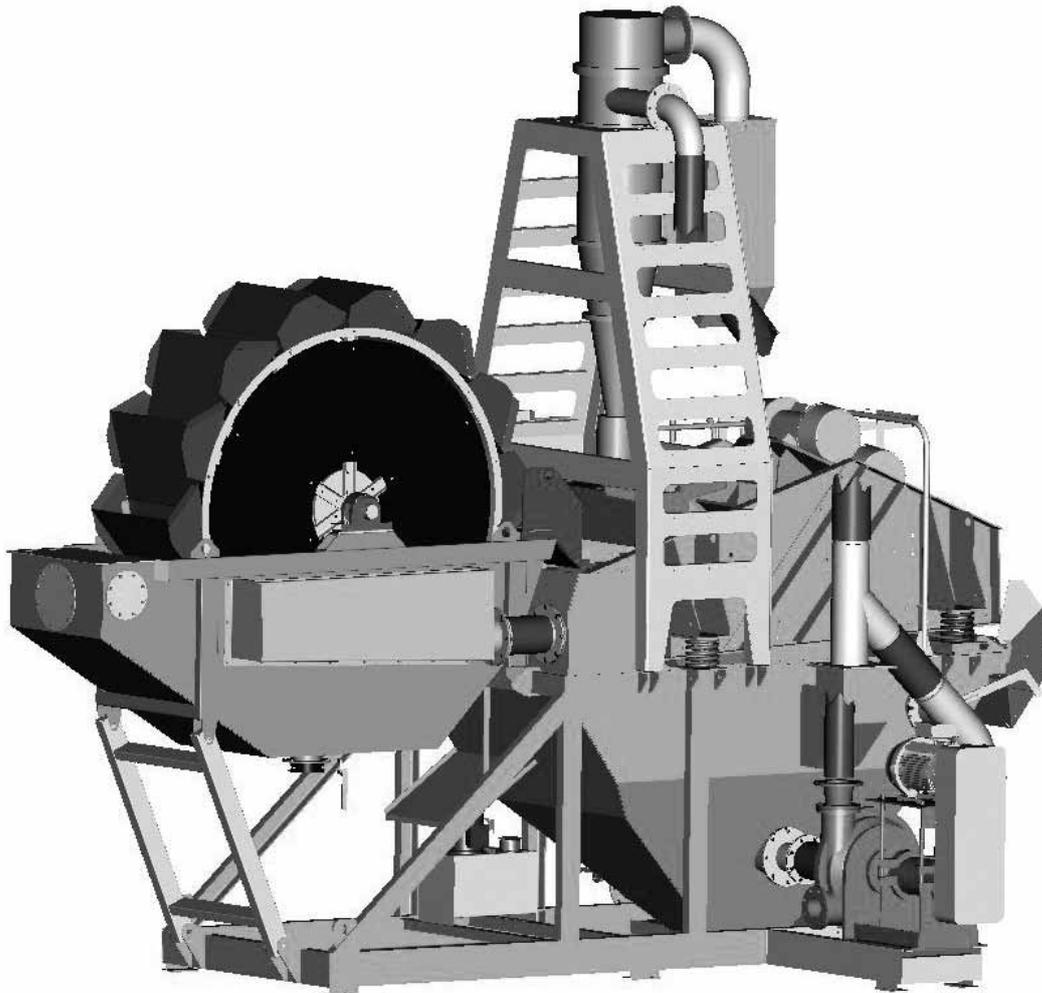


FM 60 BW



FEATURES

- 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

FEATURES AND BENEFITS

- 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.

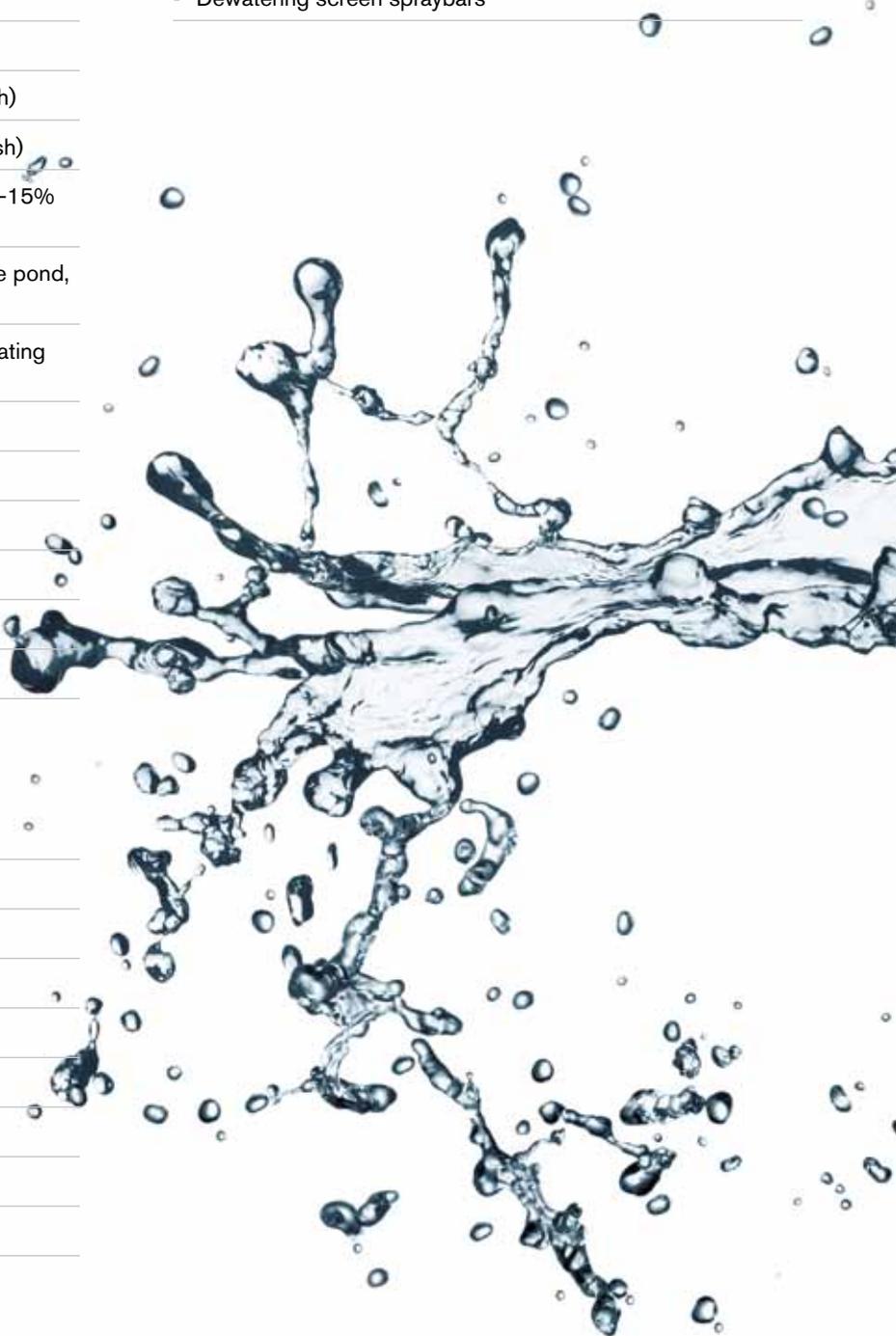
SPECIFICATIONS

TECHNICAL DIMENSIONS

WORKING LENGTH	6.90m (22'6")
WORKING WIDTH (INC WALKWAY)	4.30m (14' 1")
WORKING HEIGHT	5.50m (18')
FEED HEIGHT	2.30m (7'5")
PRODUCT DISCHARGE HEIGHT	1.26m (4'2")
WASTE WATER DISCHARGE	1.50m (5')
TOTAL WEIGHT (EMPTY)	8000kg (18000lb)
TOTAL WEIGHT (WORKING)	15000kg (33000lb)

OPTIONS

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

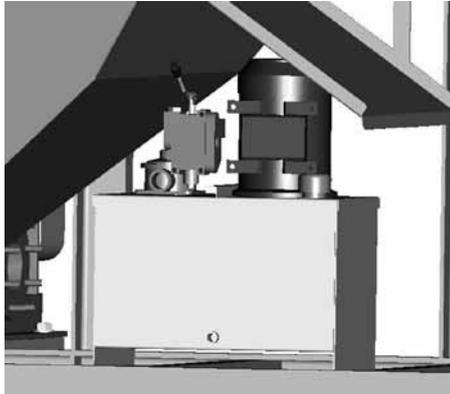


BUCKET WHEEL

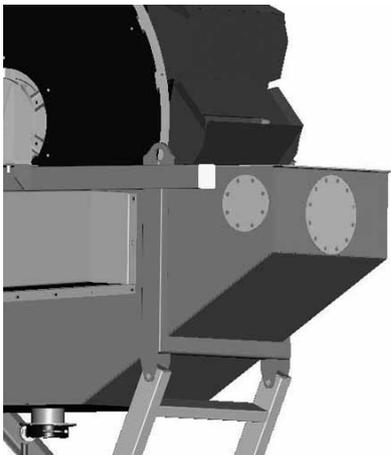
BUCKETS	14 off
BUCKET VOLUME	0.045m ³ (each)
DIAMETER	2.6m (8ft 6ins)
WIDTH	750mm (30ins)
BUCKET SPEED	0–1.5rpm
POWER PACK	3kW (4hp)



Weir discharge system



Integrated electric powerpack for bucket wheel speed adjustment



Anti-turbulence inlets in bucket tank

CYCLONE

G4 500 hydrocyclone

Spigot discharge

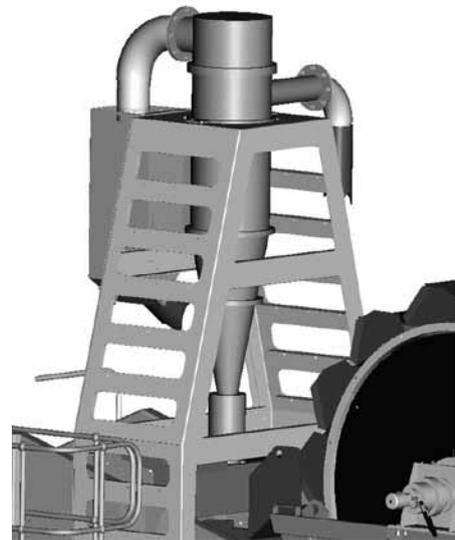
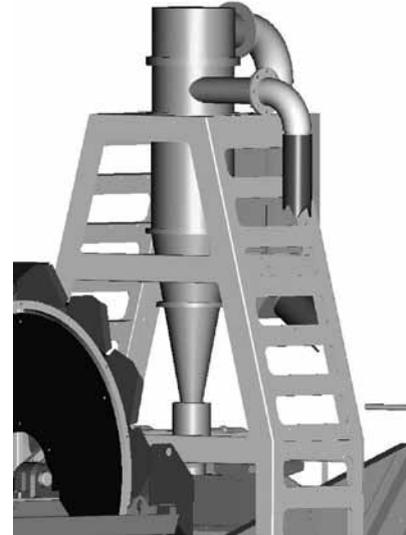
All wear areas rubber lined

Pump capacity 190m³

Underflow collection box

Pressure flange with pressure gauge and protector

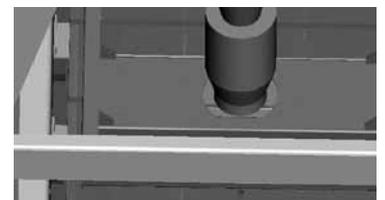
150mm (6") rubber lined slurry delivery hose



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)

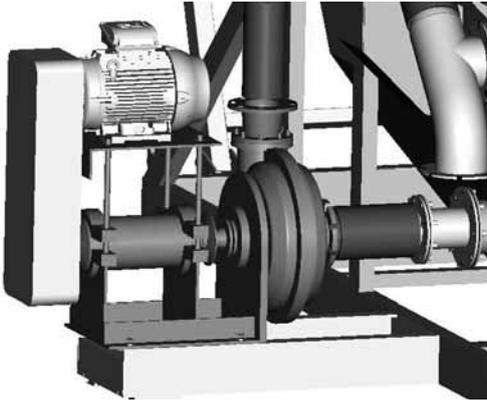
Max Working pressure 6 bar

Typical flow rate 200m³ (700gpm)

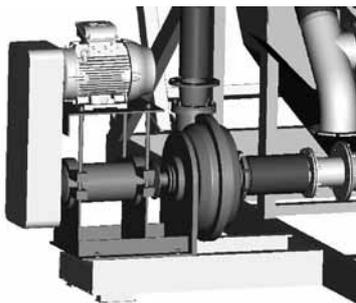
Abrasion resistant liners

Moulded rubber impeller

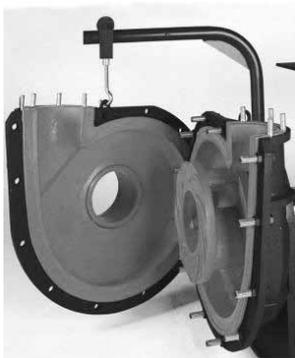
Excellent serviceability



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

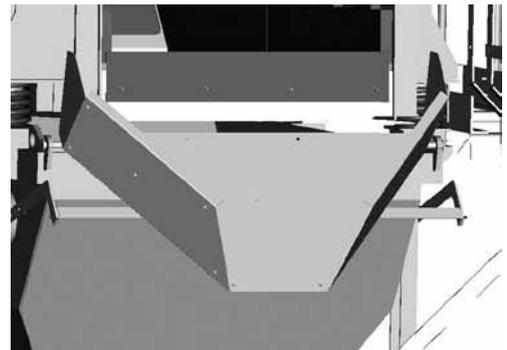
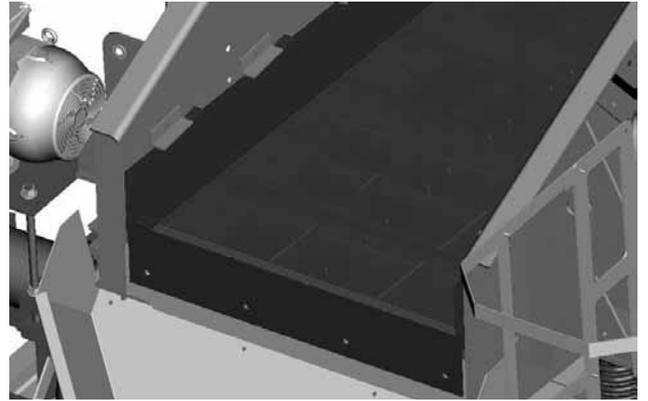
Screen Aperture 0.5mm

Exceptional dewatering performance

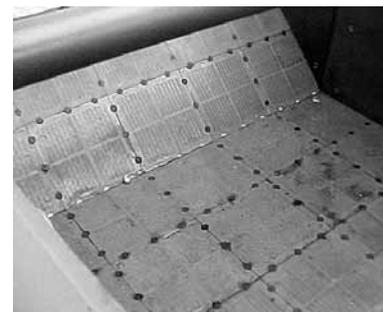
Modular screen decks

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

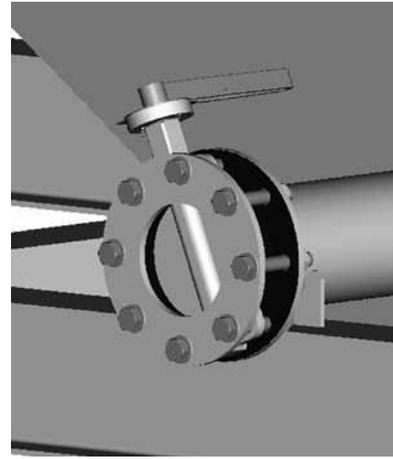
Build in anti-turbulence sections

Heavy duty steel construction

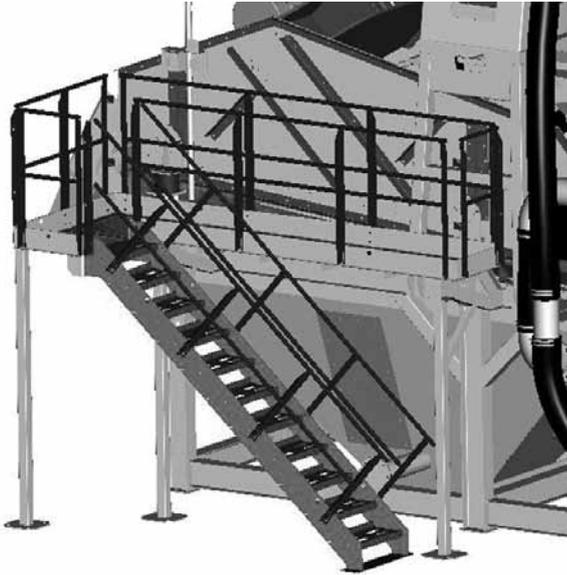
Easy access to all serviceable areas

Walkway and steps for ease of maintenance

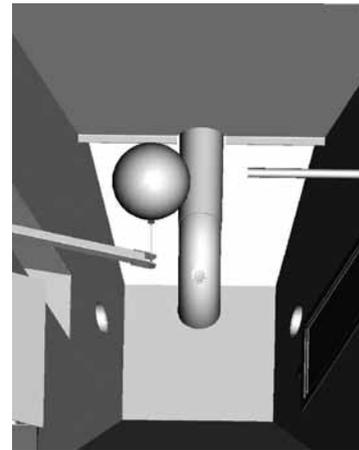
Bucket tank foldable for ease of transport



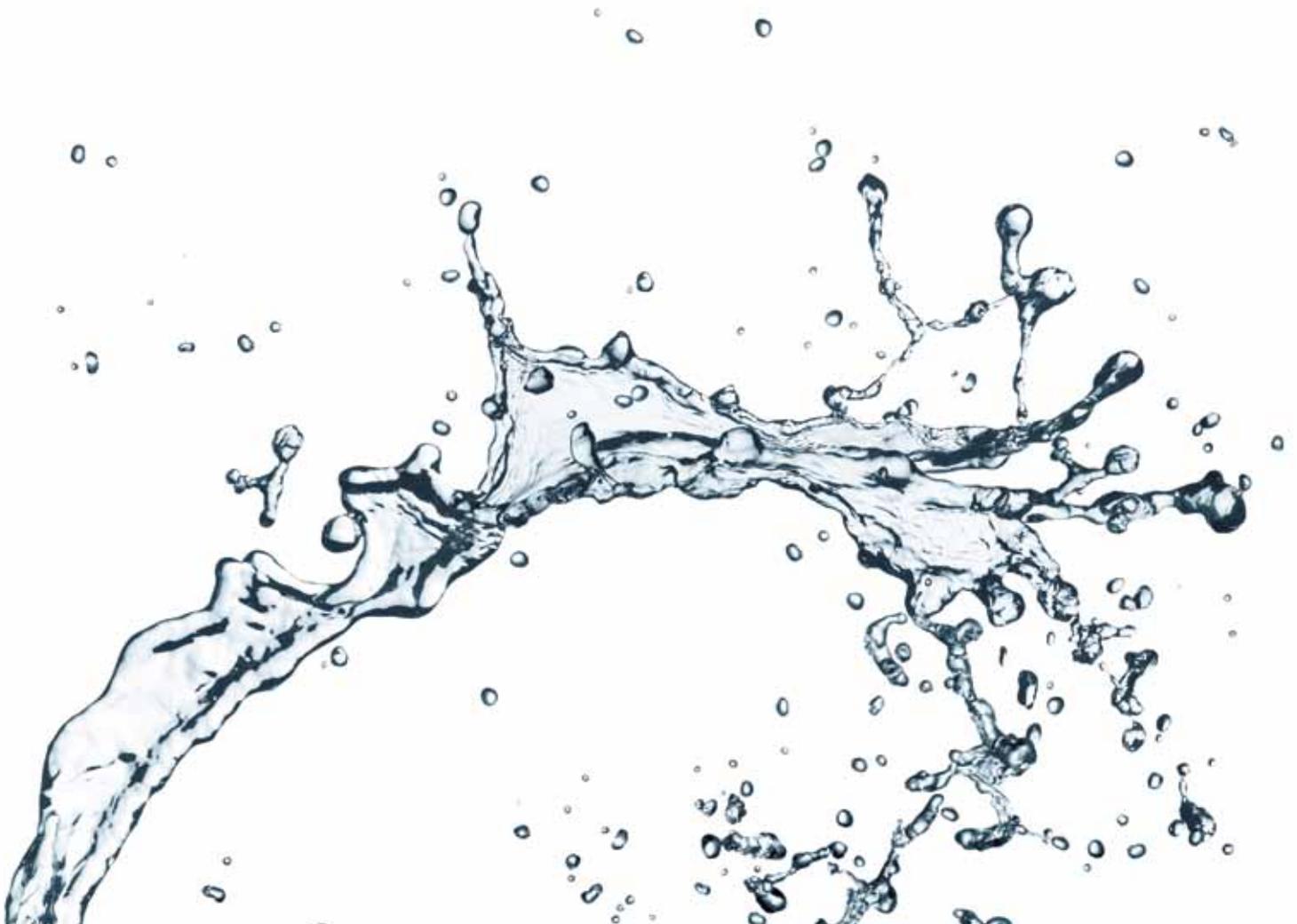
Integrated tank drains for ease of maintenance



Walkway and steps for ease of maintenance

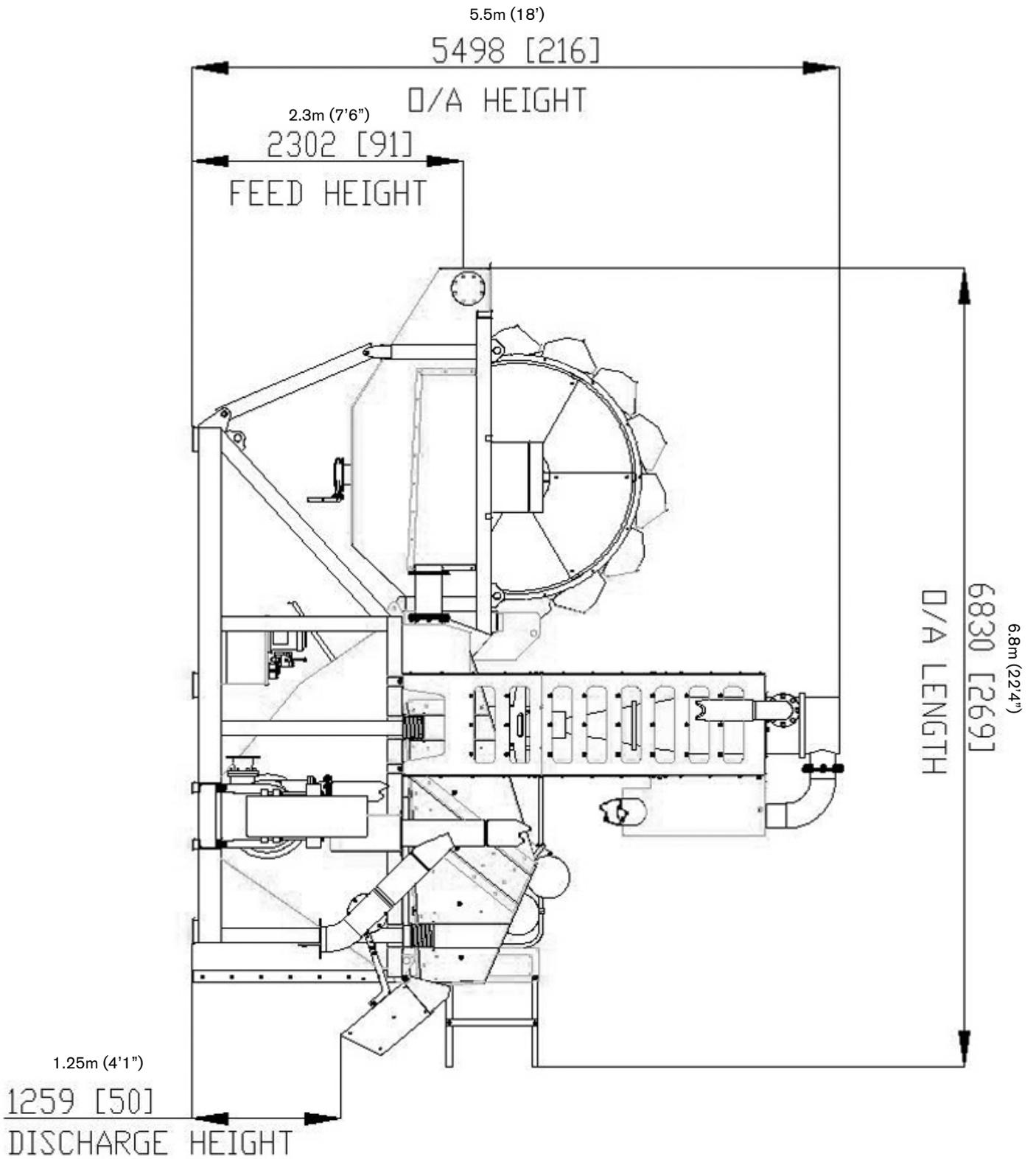


Float system for self regulation of tank water level

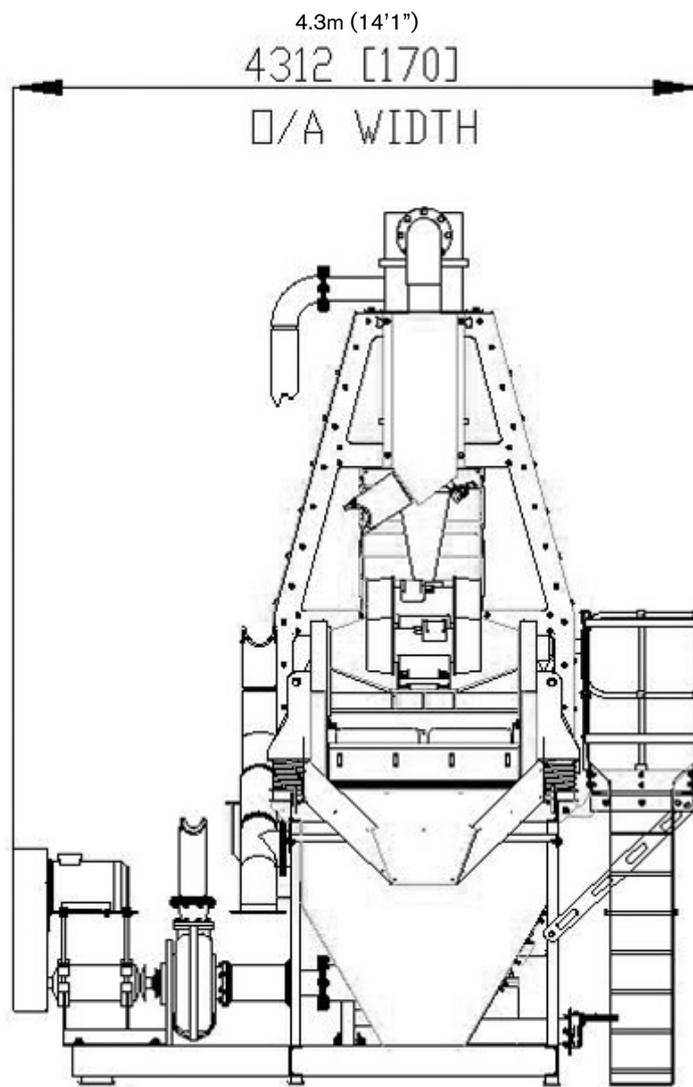


DIMENSIONS

FM 60 BW – WORKING DIMENSIONS



FM 60 BW - WORKING DIMENSIONS



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