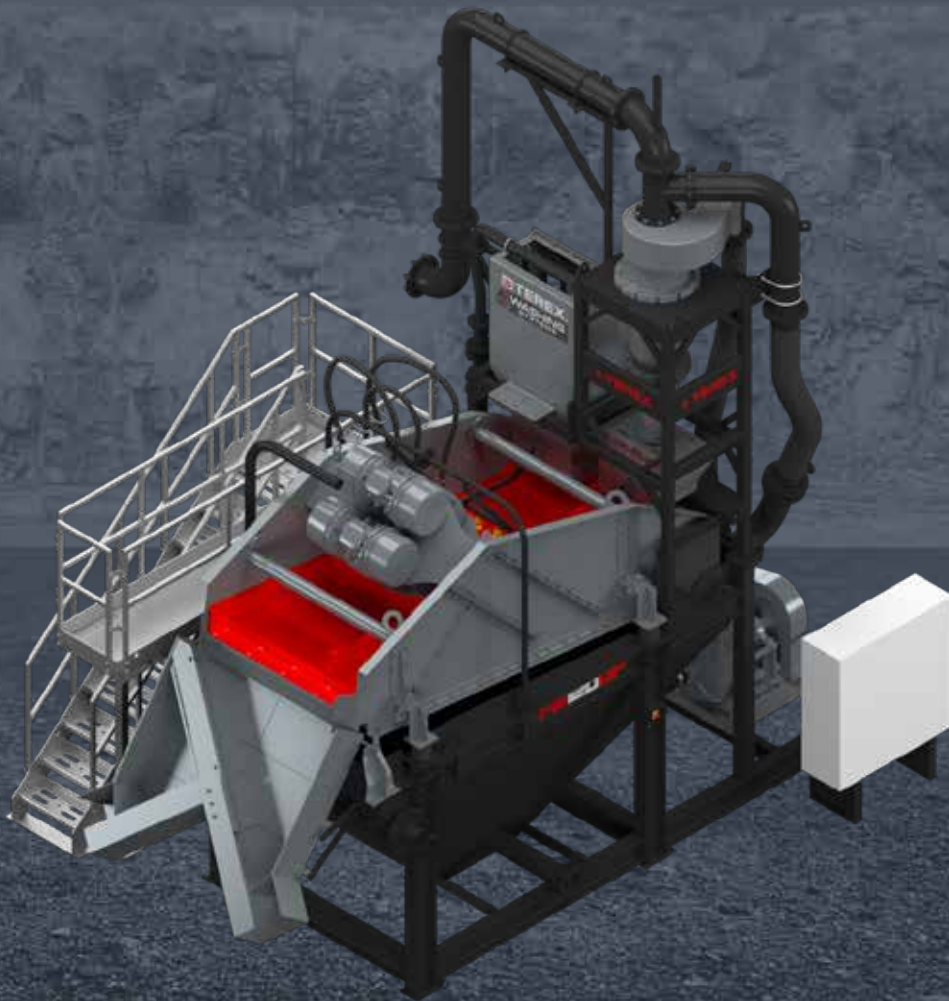


FM 120 DF[™]



- Static sand recovery unit on one chassis
- Centrifugal slurry pump
- Hydrocyclone
- Collection tank
- Dry feed boiler box
- 12' x 5' dewatering screen
- Produces 2 products from single dry feed
- Designed to work in conjunction with Terex Washing Systems range

AGGREGATES



RECYCLING



INDUSTRIAL SANDS

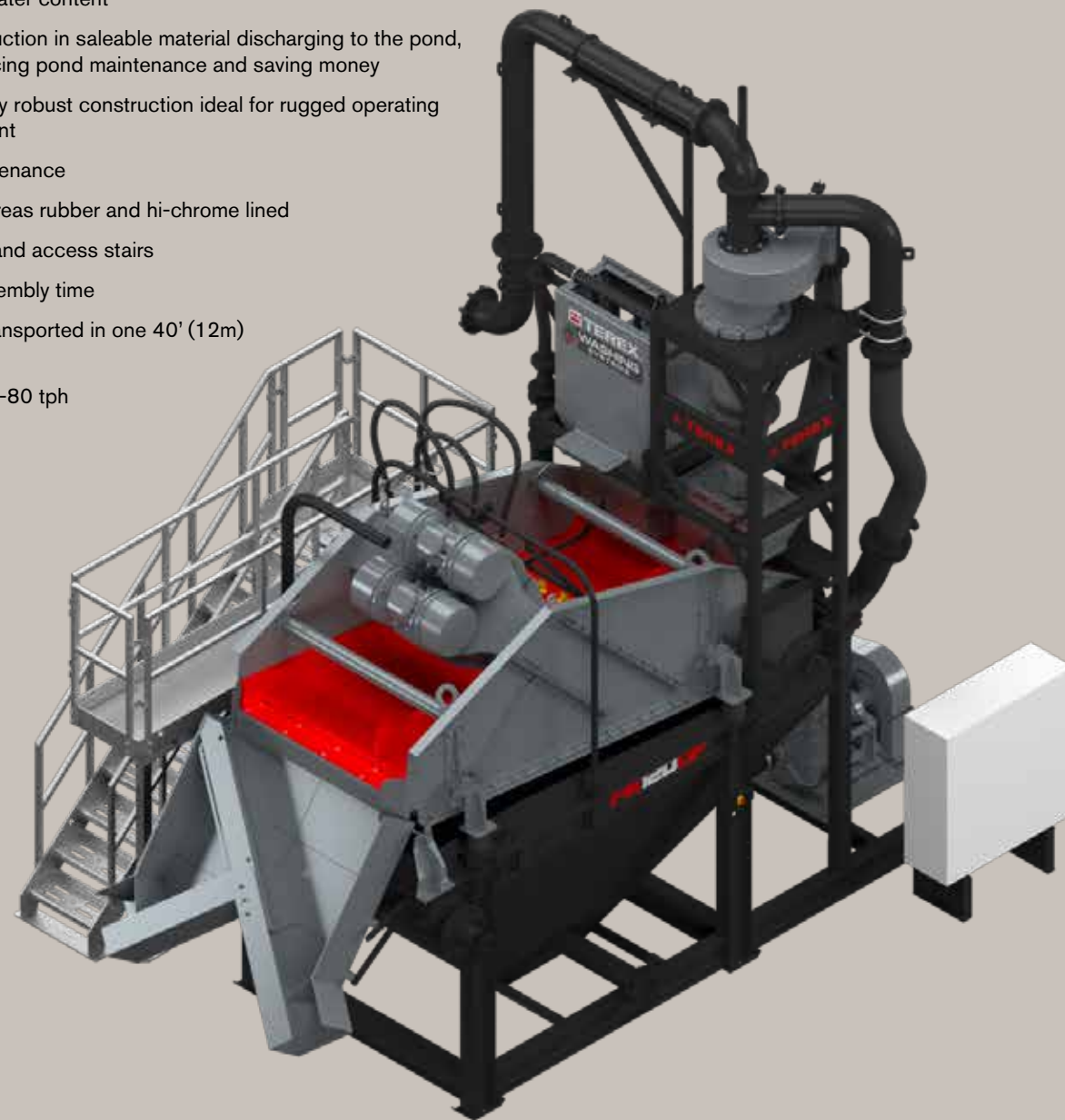


MINING



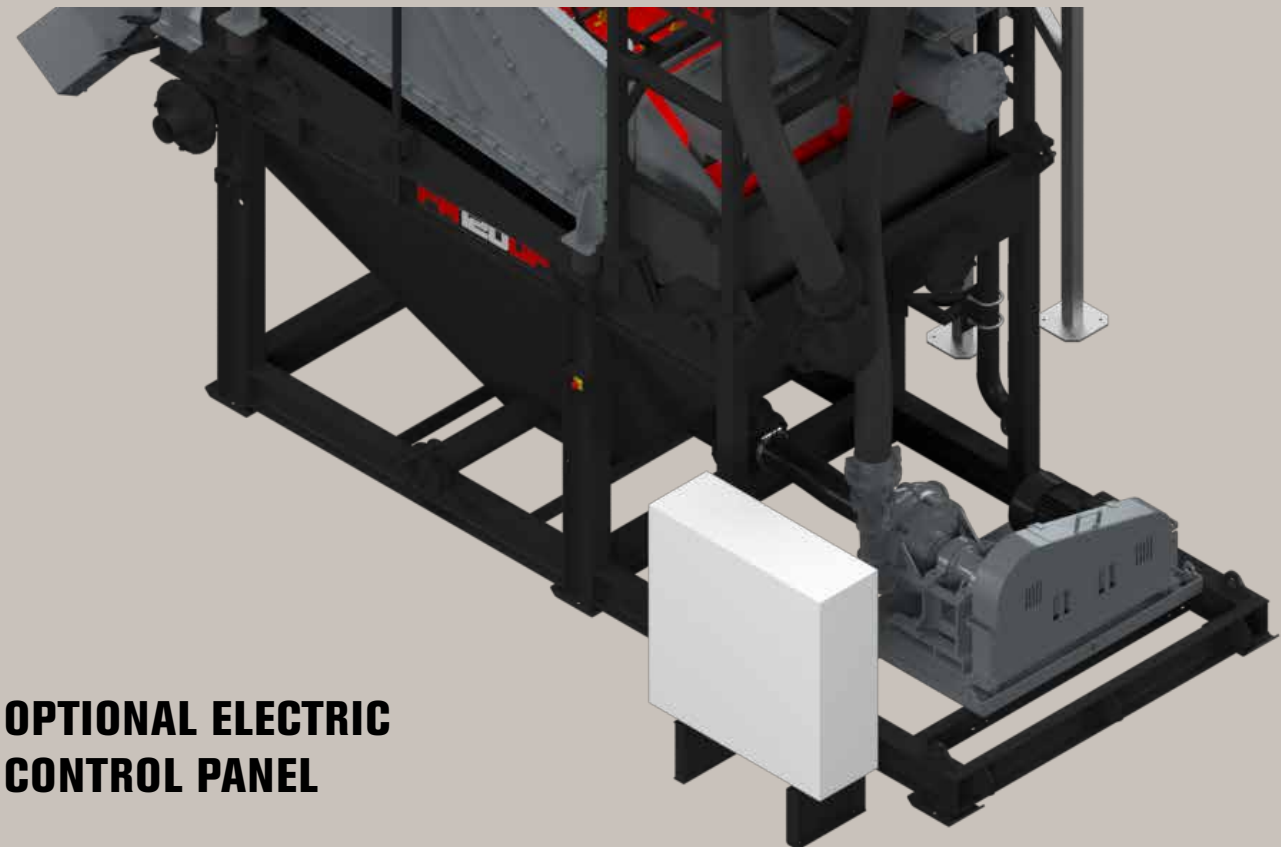
FEATURES & BENEFITS

- Slurry Pump with Hi-Chrome Impeller and wear parts
- One hard metal lined hydrocyclone which classifies at approximately 75µm (200 mesh)
- Self-regulating cyclone tank complete with built in float system
- High frequency 12' x 5' (3.6m x 1.5m) dewatering screen fitted with polyurethane modular mats
- Maximum recovery of material above 75µm (200 mesh)
- Removes silt, slimes and clays below 75µm (200 mesh)
- Removes water following dewatering operation to 12% 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 and hi-chrome lined
- Walkway and access stairs
- Quick assembly time
- Can be transported in one 40' (12m) container
- Approx 70-80 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
- Bottom ash
- Most materials which need to be washed



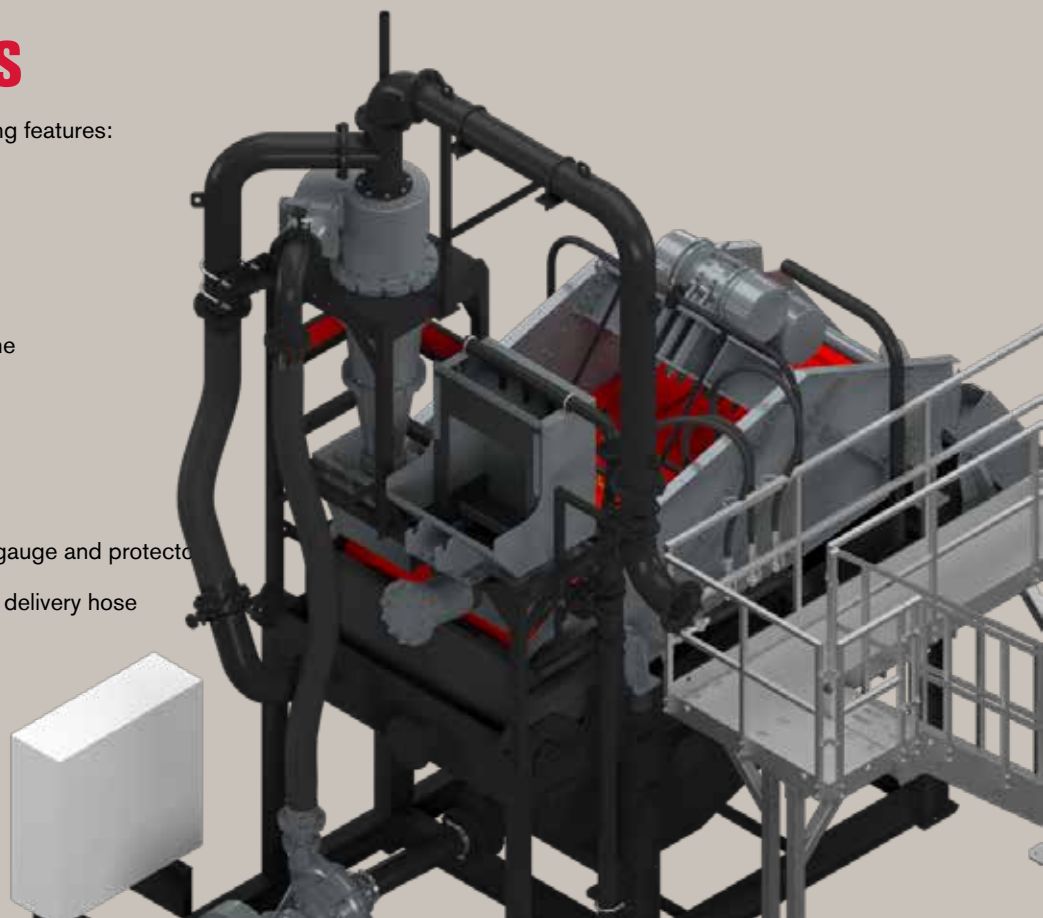
OPTIONAL ELECTRIC
CONTROL PANEL

COMPONENTS

The FM 120 DF™ has the following features:

Cyclone

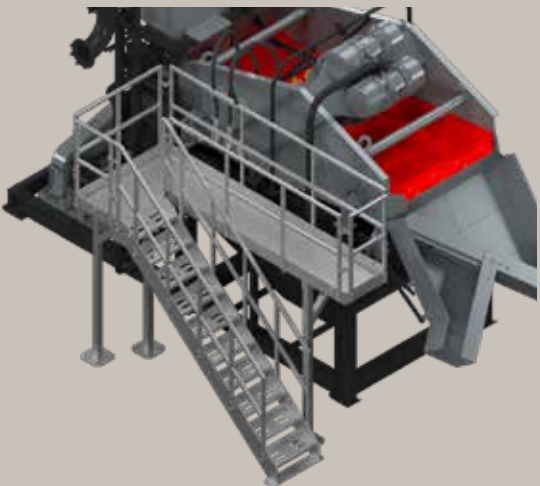
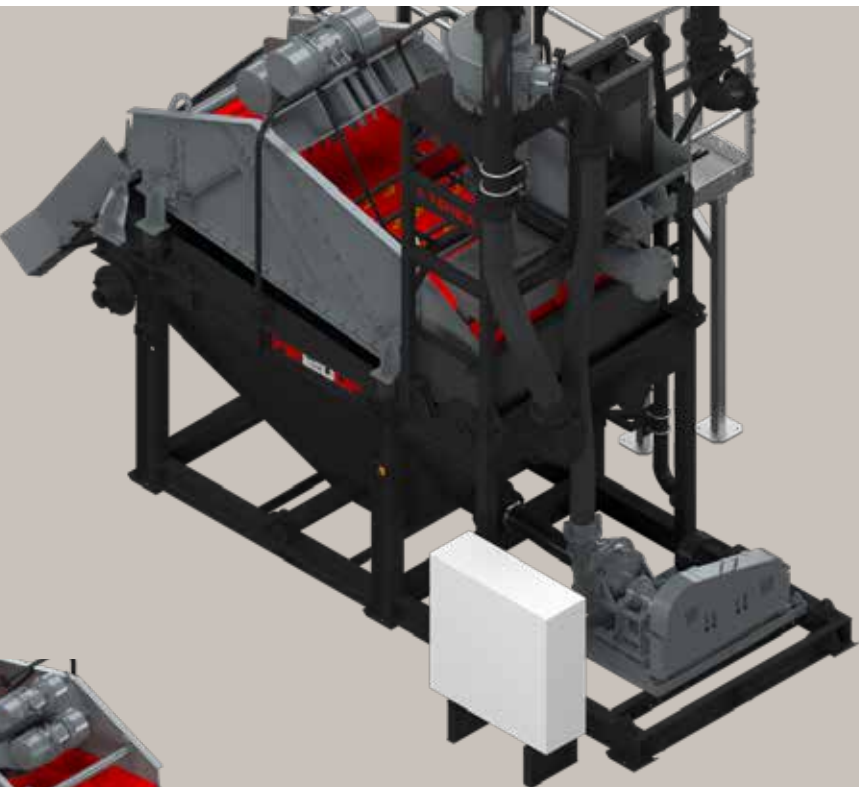
- One Terex 450mm hydrocyclone
- Spigot discharge
- All wear areas with hi-chrome
- Underflow collection box
- Pressure flange with pressure gauge and protector
- 150mm (6") rubber lined slurry delivery hose



COMPONENTS

Chassis

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



Access

- Walkway, steps and handrails included standard with all machines

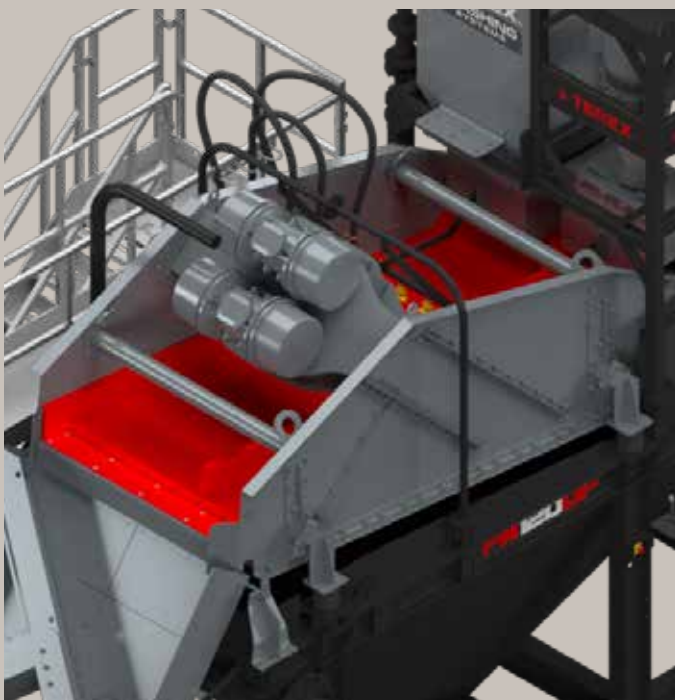


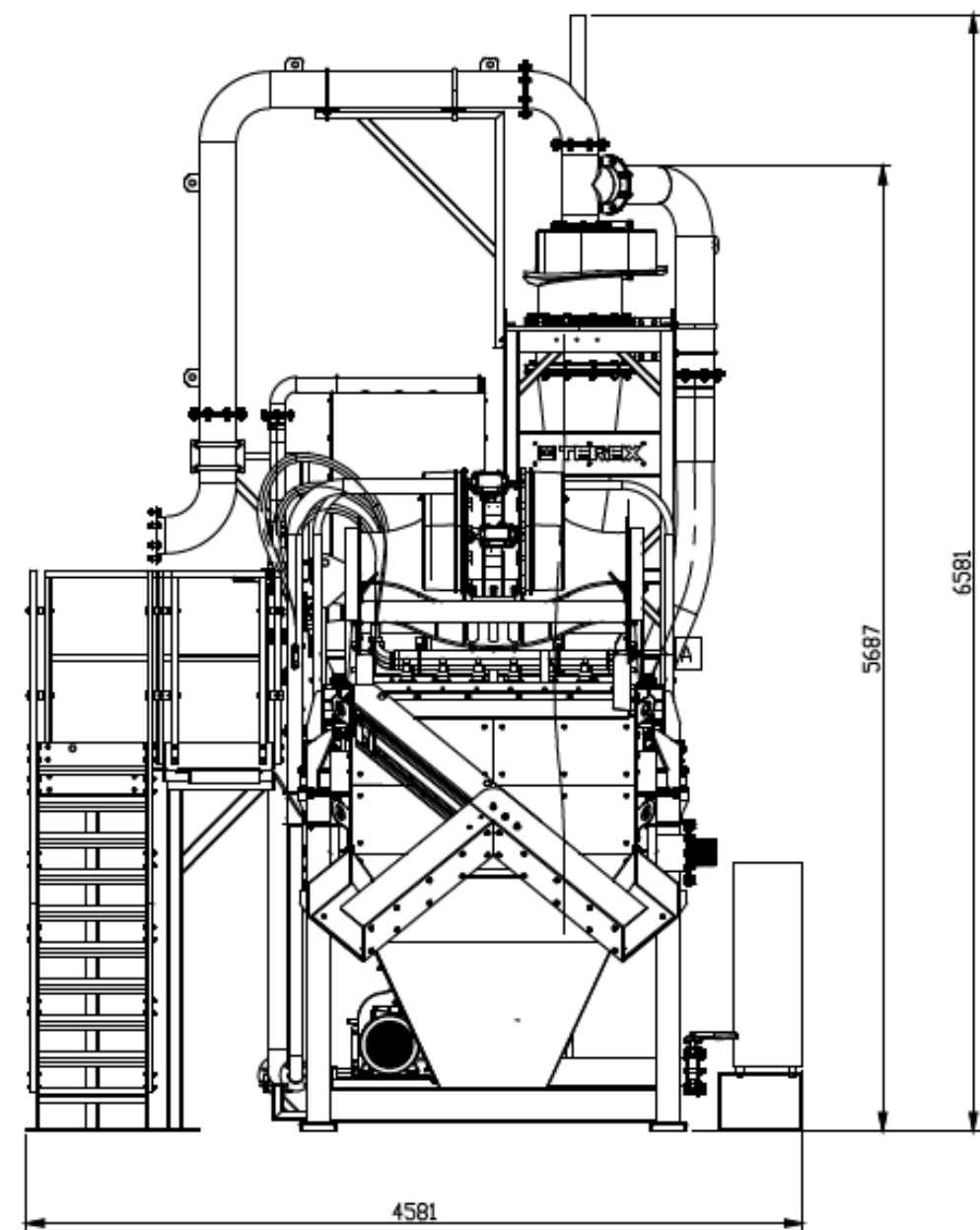
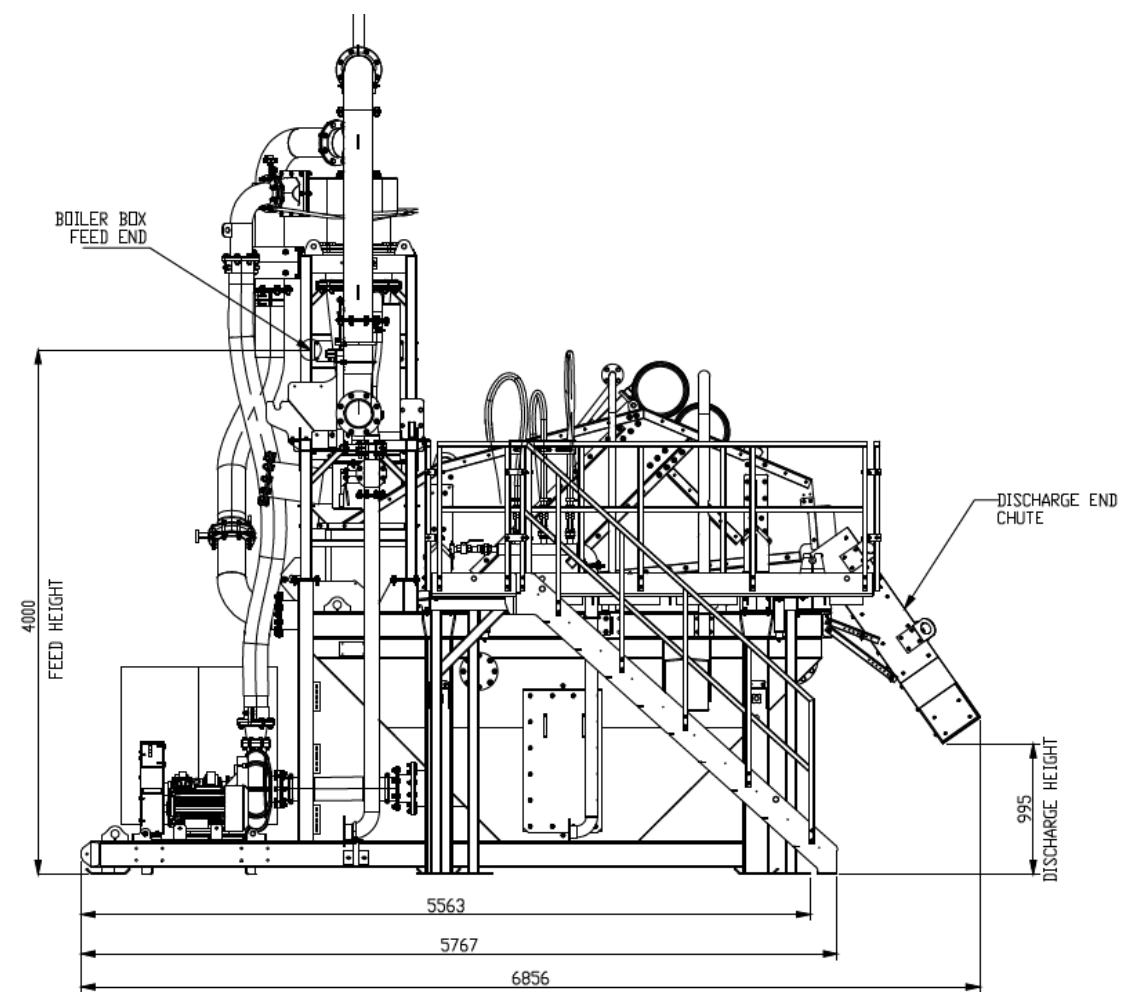
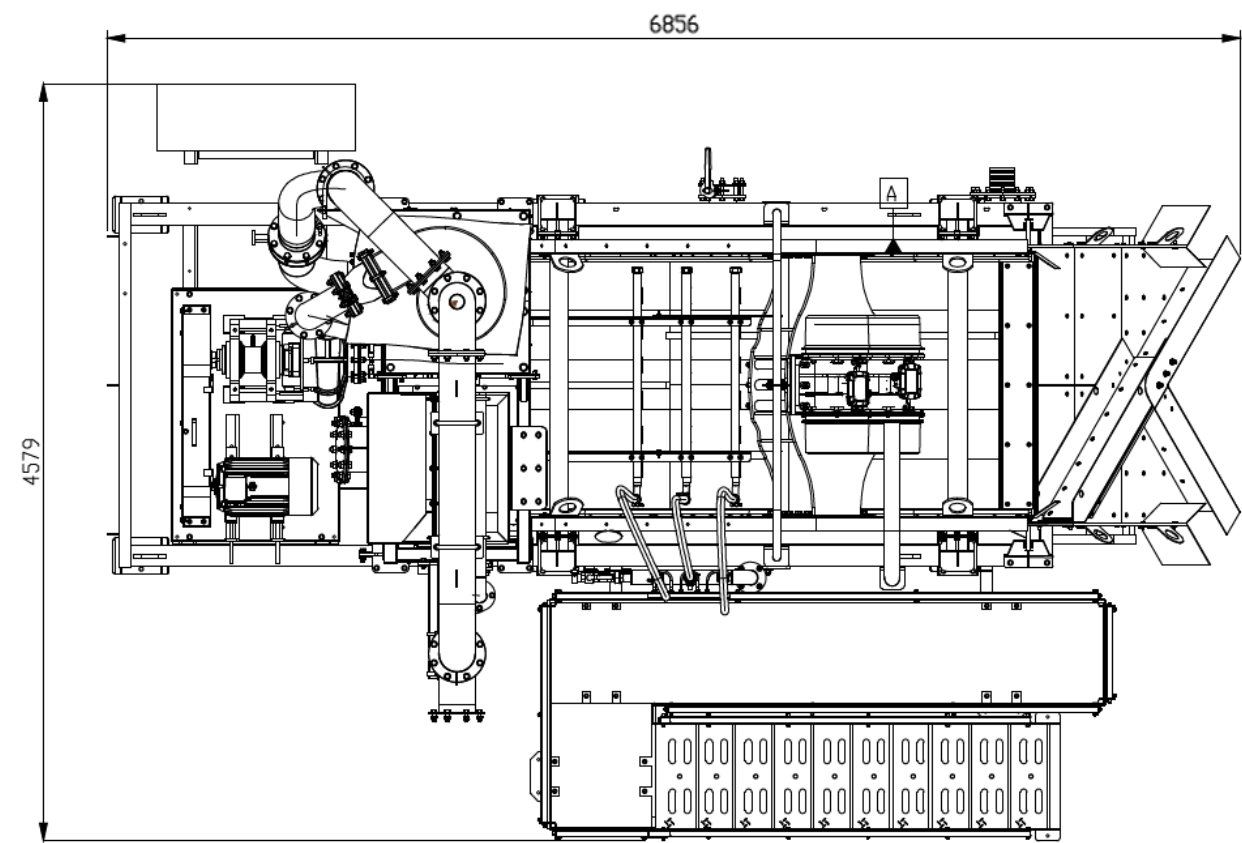
Centrifugal Pumps

- Size 150x100mm (With Hi-Chrome Impeller and wear parts)
- Motor 22kW (29.5hp) (IP55 enclosure)
- Pump capacity 190m³/hr (can go up to 240m³/hr)
- Abrasion resistant liners
- Hi-Chrome impeller
- Excellent serviceability

Split Dewatering Screen

- Size: 3.6m x 1.5m (12' x 5')
- Vibratory motors: 4.5kW (6.03HP) 2 off (960RPM)
- Screen Aperture 0.5mm (0.02") on dewatering side. Up to 8mm (0.3") aperture on rinsing side of screen
- Exceptional dewatering performance
- Compression fit modular screen decks
- Side protection liners
- Marshmellow® screen mounts for smoother running
- UHMWPE lined discharge chute





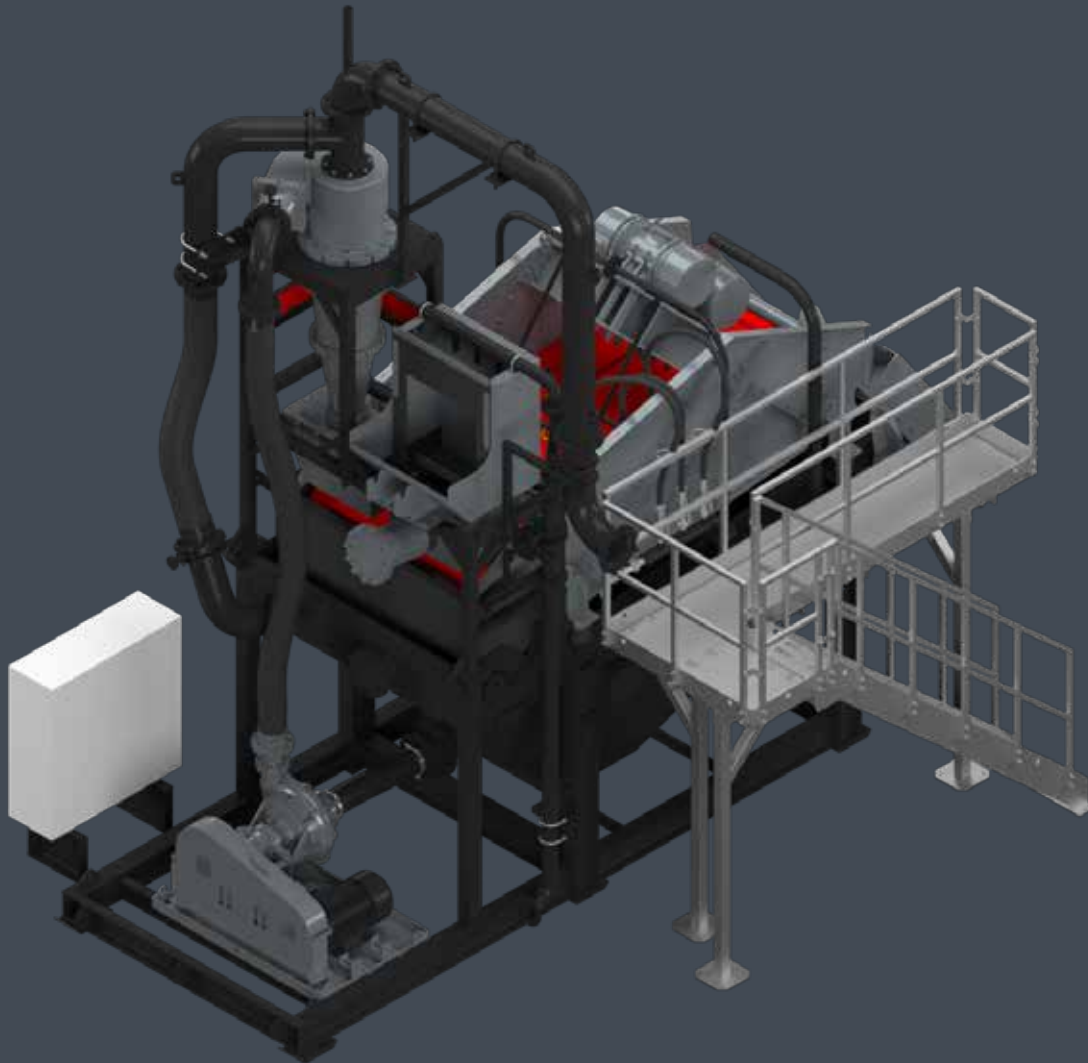
HEIGHT & WEIGHT	
Working Length	6.9m (22' 8')
Working Width (inc. Walkway)	4.6m (13' 1")
Working Height	6.6m (21' 8")
Feed Height	4m (13')
Product Discharge Height	1m (3' 3")
Waste Water Discharge Height	0.6m (2')
Total Weight (Empty)	12,000kg (26455 lb)
Total Weight (Working)	29,000kg (63935 lb)



WASHING AS IT SHOULD BE



CHECK OUT TEREX WASHING SYSTEMS
VIDEOS ON YOUTUBE:
www.youtube.com/terexwashingsystems

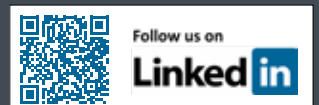


TEREX WASHING SYSTEMS

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