

TC15 Sandmaster | Technical Specification



**TC15
Sandmaster**

Sandmaster TC15

Key Features



- Low level feed in.
- Easy access to pumps for maintenance.
- Rubber lined centrifugal pumps and impellors.
- Hinged access doors both sides.



- Robust high performance 1500 x 4200mm de-watering screen
- Adjustable central divider
- Polyurethane deck complete with dam bar



Blending chute on cyclones' discharge to adjust sand gradings



- High performance cyclones for high output and optimal fines recovery.
- Bolt on spigot on cyclones.



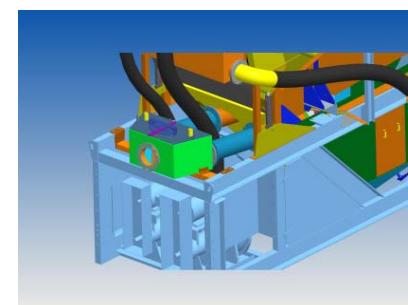
Twin outlet discharge chute



- Hydraulic folding Cyclones for Transport and setup (optional on Static Machines)
- Hydraulic raise/lower Axle on Mobile units



Electric Control Panel fitted as standard which facilitates 2 No. 7.5kw electric drive stockpilers



Input splitter box (optional)

Dimensions - Static

Transport: Length 6831mm (22'5")
 Width 2802mm (9'2")
 Height 3863mm (12'8")

Working: Length 6831mm (22'5")
 Width 2802mm (9'2")
 Height 5721mm (18'9")

Containerised Width: 2250mm (7'5")

Dimensions - Mobile

Transport: Length 9711mm (31'10")
 Width 2802mm (9'2")
 Height 4145mm (13'7")

Working: Length 9711mm (31'10")
 Width 2802mm (9'2")
 Height 5721mm (18'9")

Weight (Static): 13 Tonnes (14.3 US Tons)

Weight (Mobile): 15 Tonnes (16.5 US Tons)

Dewatering Screen

2 x 5.5kW Vibrating motors
 Direct force screen 1500mm x 4200mm
 Adjustable central divider
 28 Polyurethane dewatering panels
 750mm wide x 315mm long
 Sloping back 1mm aperture
 First screen bed half - 0.5mm aperture
 Second screen half - 0.7mm aperture
 Adjustable Amplitude

Cyclones

18" Extended Hydrocyclone - Fine Sand
 24" Hydrocyclone - Coarse Sand

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Pumps

150/125 Centrifugal Slurry Pump complete with 15kW
 Motor - Fine Sand
 200/150 Centrifugal Slurry Pump complete with 30kW
 Motor - Coarse Sand

Capacities

| | |
|------------|-------------|
| Sump Tank: | 4300 litres |
| | 950 UK gpm |
| | 1140 US gpm |

Output Capacity: Up to 80 TPH coarse sand
 Up to 50 TPH fine sand

The above are dependent on application and type of material

Water Requirement

| |
|------------------------|
| 3630 - 6360 litres/min |
| 800 - 1400 UK gpm |
| 960 - 1680 US gpm |

Options

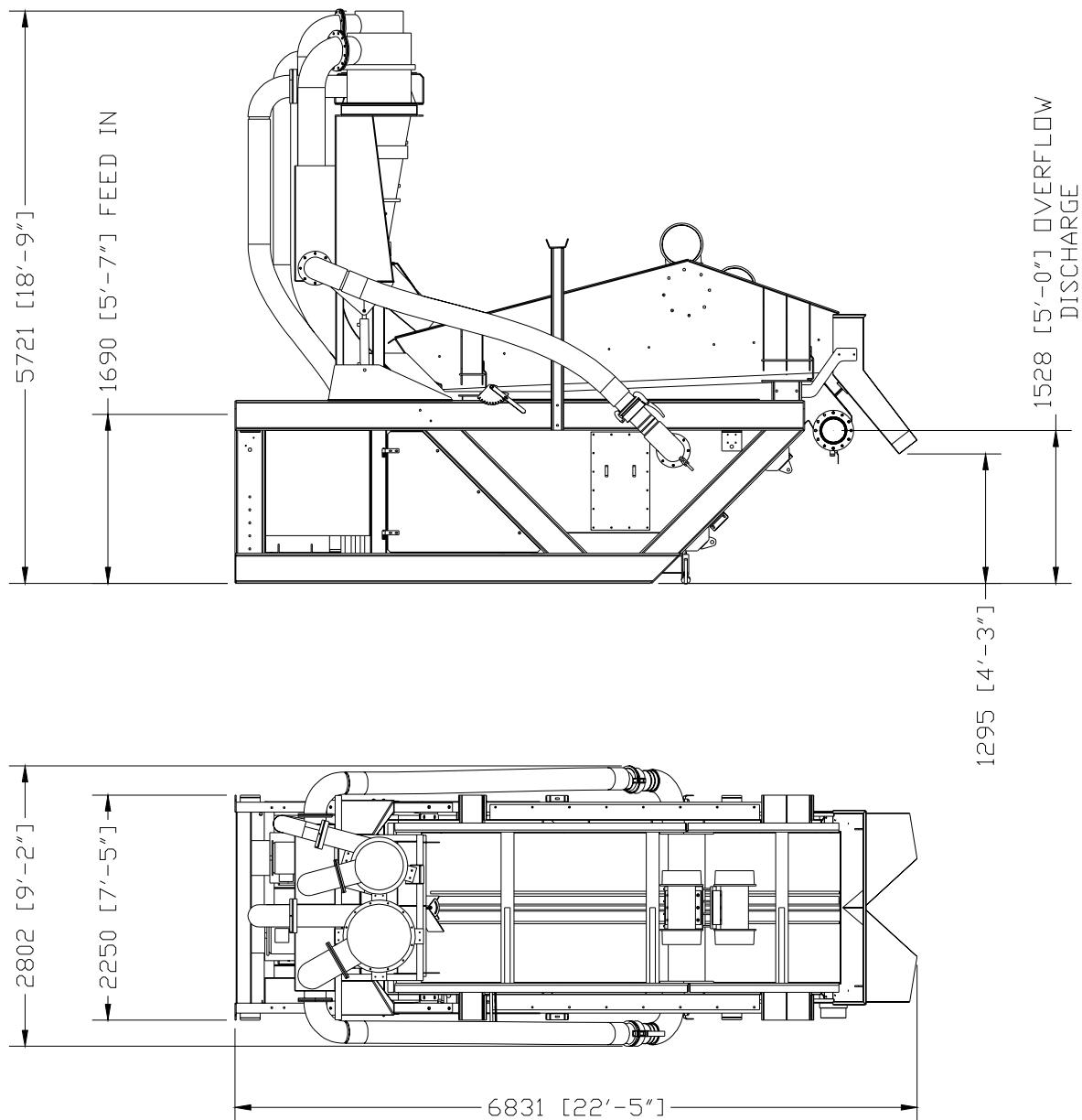
Hydraulic cyclone folding (optional on static machines)

| | |
|---------------|--------------------------------|
| Mobile Option | Single braked & suspended axle |
| Includes | Hydraulic folding cyclones |
| | King pin towing facility |



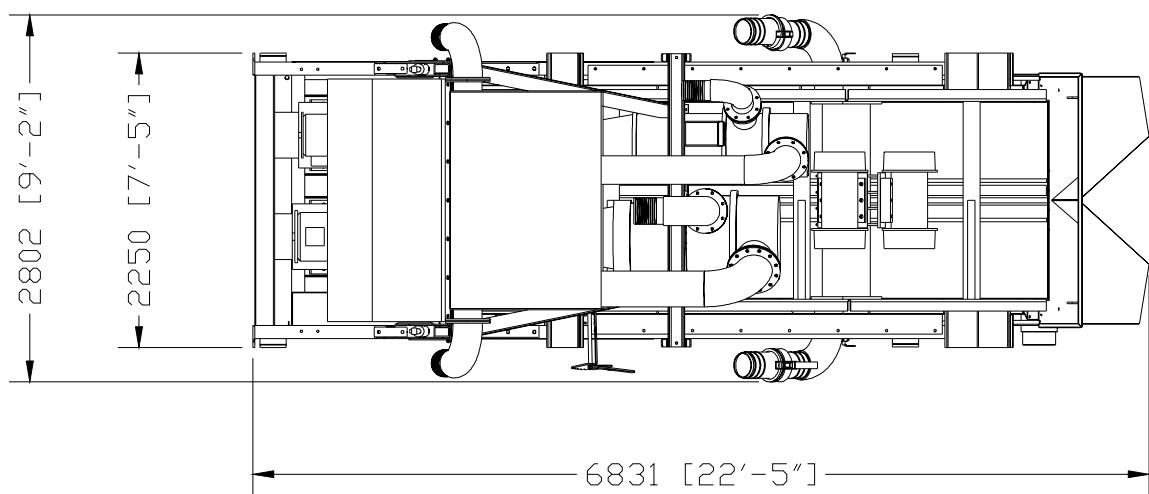
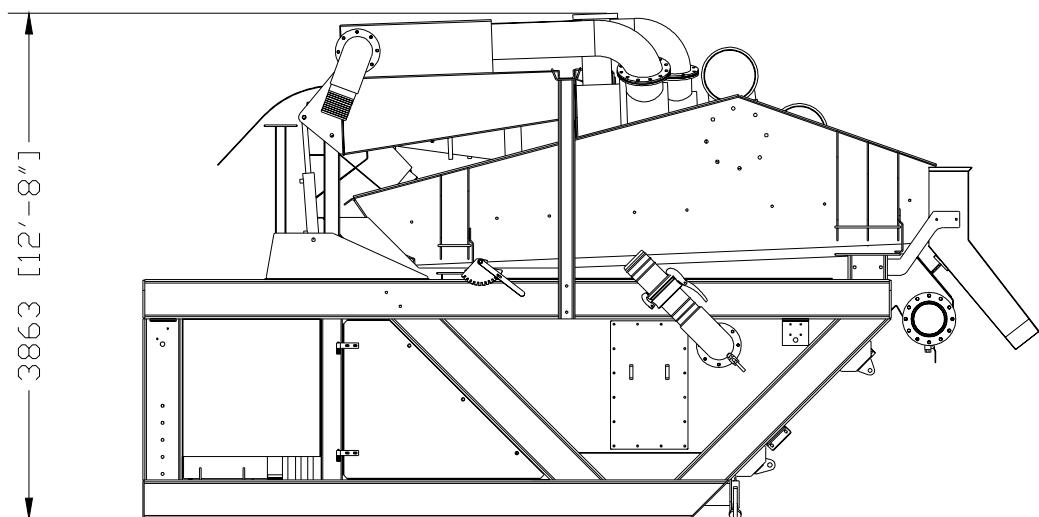
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Static Working



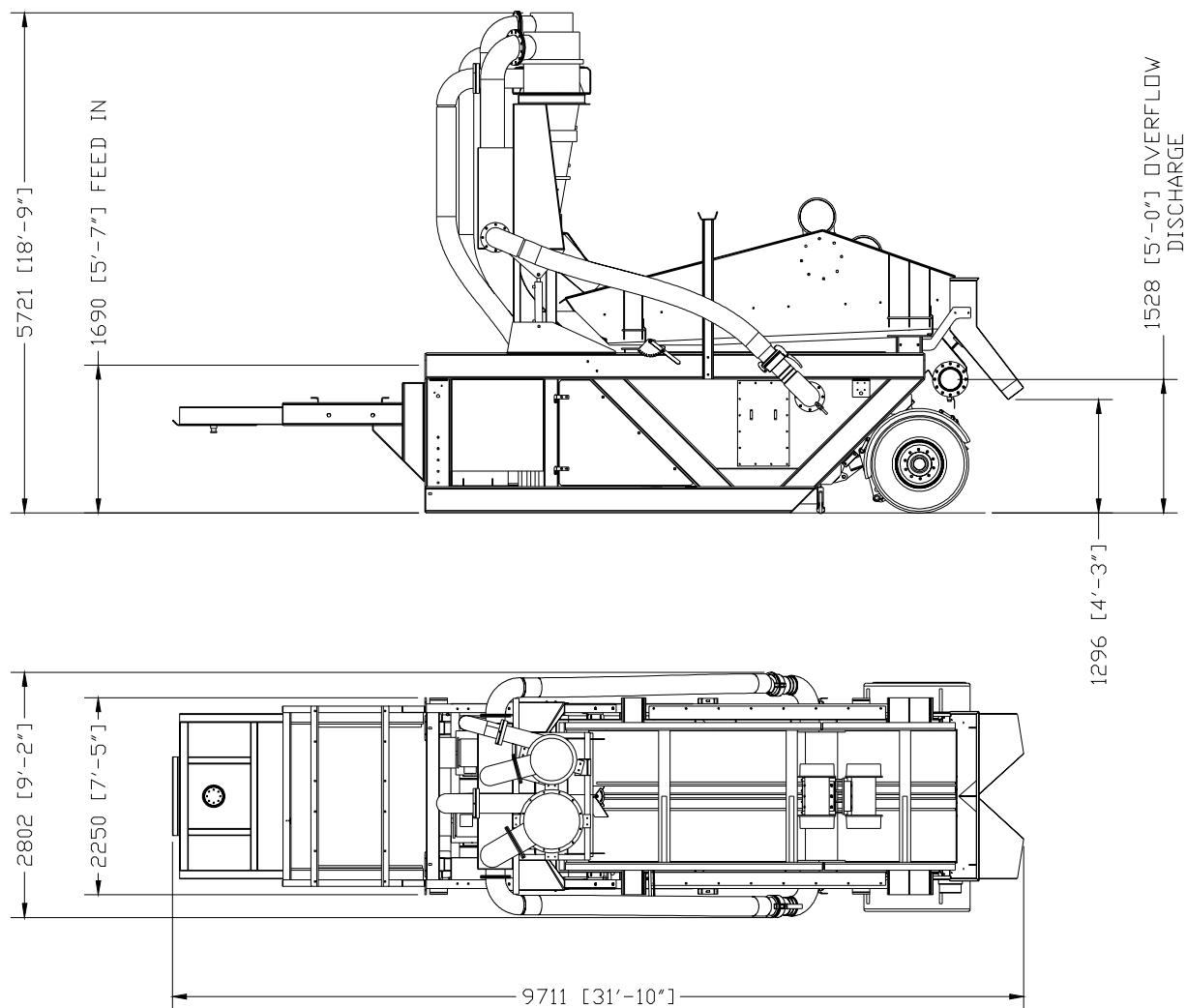
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Static Transport



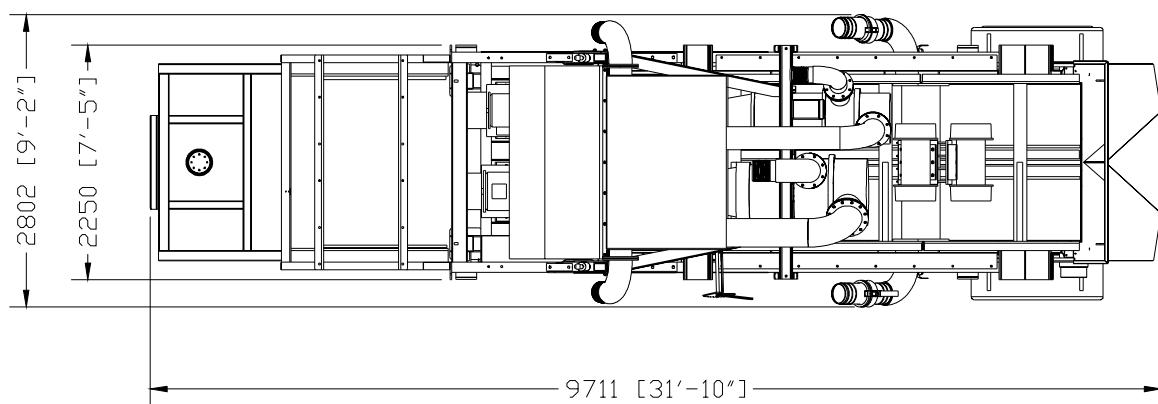
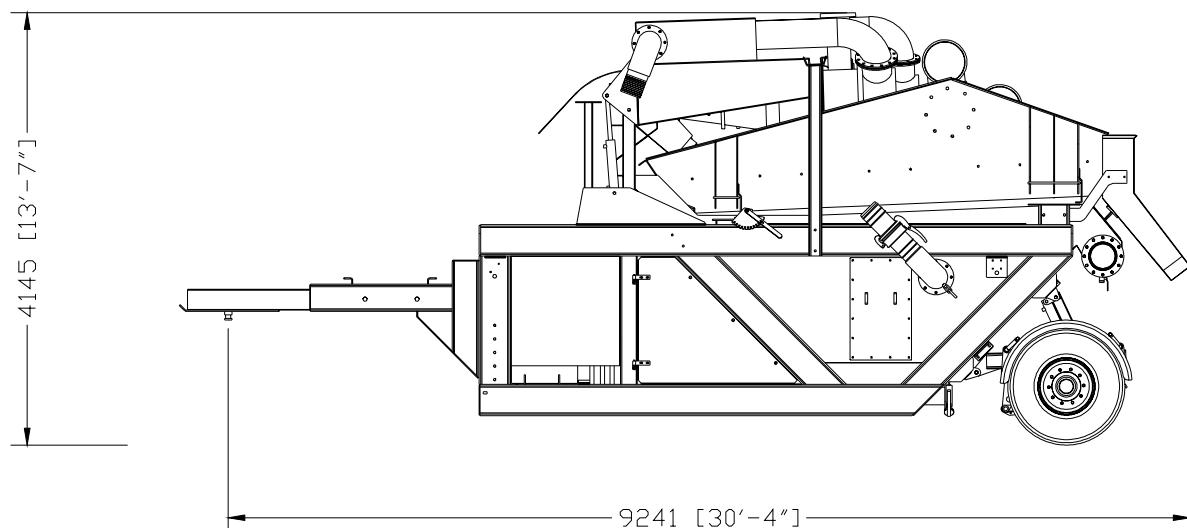
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Mobile Working



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Mobile Transport



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