



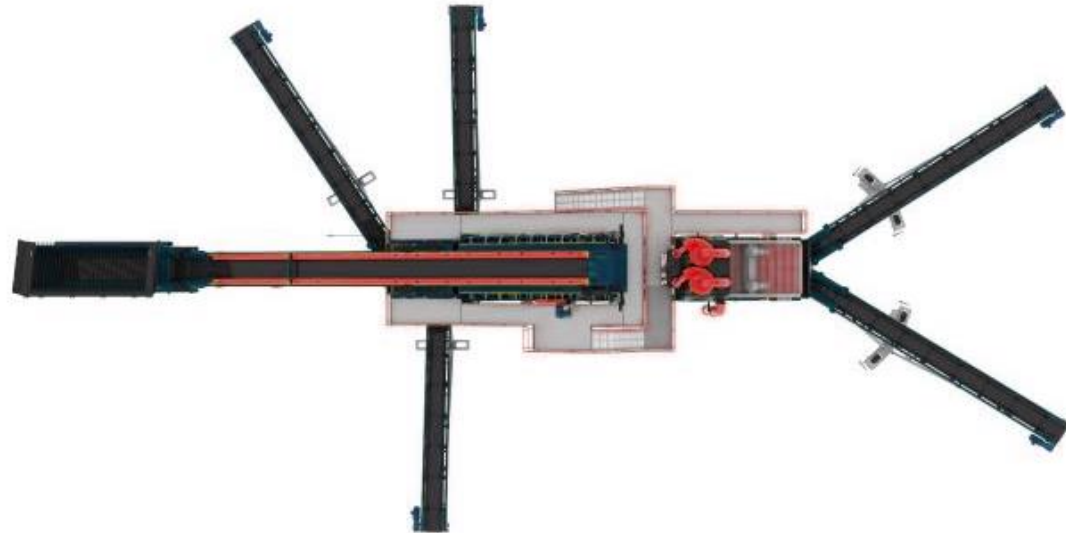
# SAND STORM 620

## DESCRIPTION

- Modular Design
- Containerised Transport
- Open Chassis Design for ease of maintenance
- Fast setup time
- 1 water connection point
- Pre plumbed
- Raised Chassis for Wash Down

## DIMENSIONS AND WEIGHTS

Length	38m (124' - 8")
Width	20.4m (66' - 11")
Height	7.9m (25' - 11")
Weight	58,000kgs (127, 870 lbs)



*Sandstorm 630 3 Deck 2 Sand Shown*

## SANDSTORM 516 & 620

### FEED CONVEYOR

Belt width	1200MM (48")
Belt Spec	Plain 500/3 6+3
Drive drum ø	335mm (13.1")
Tail drum ø	320mm (12.5")
Gearbox	Bonfig 805 W2
Motor	160cc
Flow Rate	72.6 LPM (19.2 US gpm)
Adjustable Speed	YES
Maximum Speed	18.75 rpm

### MAIN CONVEYOR

Belt width	1050mm (42")
Belt Spec	Plain 400/3 4+2
Drive drum ø	293mm (11.5")
Tail drum ø	273mm (10.6")
Gearbox	1 of Bonfiglioli
Motor	1 of 15kW (20HP)
Speed	2m/s (6.5'/s)

### ELECTRICS

Emergency Stops	11 off
Chassis Cabling	Armored Cable
Start Siren	YES 10 sec delay
Control Panel	IFM
Plant Shutdown	Low Level Oil / High Hydraulic Temperature
Remote Tipping Grid	YES

### FEEDER POWERUNIT & HYDRAULICS

Hydraulic Tank Capacity	80L (17.5 US Gals)
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### AGGREGATE PRODUCT CONVEYORS

Belt width	650mm (26")
Belt Spec	Plain-400/3 4+2
Drive drum ø	293mm (11.5")
Tail drum ø	273mm (10.6")
Motor	5.5kW Motor and Gearbox
Speed	1 m/s
Drum Centres	11320mm (37' - 2")
Stockpile Height	4250mm (13' - 11")

### SAND PRODUCT CONVEYORS

Belt width	650mm (26")
Belt Spec	Plain-400/3 4+2
Tail drum ø	273mm (10.6")
Motor	5.5kW Motor and Gearbox
Speed	1 m/s
Drum Centres	11320mm (37' - 2")
Wheel Drive	0.4kW (0.5hp)
Stockpile Height	5250mm (17'-3")

### OPTIONS

Hopper Extensions
Overband Magnet
Single or Double Deck Live Head
Radio Remote Control

## SANDSTORM 516 & 620

### RINSER SCREENBOX

#### SCREENBOX 620 (2/3DECK)

Top Deck Dimension	6100mm x 1830mm (20' x 6')
Middle Deck Dimension	6100mm x 1830mm (20' x 6') (3D Only)
Bottom Deck Dimension	6100mm x 1830mm (20' x 6')
Bearing Type	150mm bore
Polyurethane Panels	Panels 315mm x 895mm 38 of
Top Deck Spray Bars	10 Independently Mounted Spray Bars
Middle Deck Spray Bars	10 Independently Mounted Spray Bars
Bottom Deck Spray Bars	9 Independently Mounted Spray Bars
Screen angle	18 degrees
Screen Stroke adjustment	6mm
Screen Shaft speed	1100rpm
Screen 'g' force	4g
Drive	Electric
Motor	22kW (30hp)

### SAND WASHING

#### DEWATERING SCREEN 620

Screen width	1600mm (5'3")
Screen length	4500mm (14'9")
Drive	Electric Vibrating Motors
Motor	2 x 9kW (12hp)
Speed	900 RPM

#### 1 SAND PUMP AND CYCLONES

Sand Pump	250/200 45kW (58hp)
Sand Cyclone	2 x 660mm Cyclone
Water Requirement	2 Deck—240m <sup>3</sup> /hr (314yd <sup>3</sup> /h) 3 Deck—345m <sup>3</sup> /hr 450yd <sup>3</sup> /h)

#### 2 SAND PUMP AND CYCLONES

Fine Sand Pump	200/150 22kW (30hp)
Coarse Sand Pump	200/150 30kW (40hp)
Fine Sand Cyclone	1 x 500mm Cyclone
Coarse Sand Cyclone	1 x 660mm Cyclone
Water Requirement	2 Deck— 240m <sup>3</sup> /hr (314yd <sup>3</sup> /h) 3 Deck— 345m <sup>3</sup> /hr 450yd <sup>3</sup> /h)



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