

## RM MSC10500M-3D



### Trackmobile incline screen RM MSC10500M-3D

#### DESCRIPTION

Heavy Duty Mobile Screener with following Features

- Tracked Mobile
- 3-Deck Heavy Duty High Energy 2 Bearing Screen Box
- Hydraulic raise and lower of head section feed conveyor
- Drop down fines conveyor for easier access to screen deck
- Remote Controlled Tipping grid
- Fast On Site setup Time – 20 Minutes

## DIMENSIONS AND WEIGHT

Length – Transport	18900 mm (61' - 11")
Length – Working	20000 mm (65' - 6")
Width – Transport	3000 mm (9' - 10")
Width – Working	17900 mm (58' - 9")
Height – Transport	3600 mm (11' - 7")
Height – Working	6800 mm (22' - 4")
Weight – With Tipping Grid	37,500 Kgs (82,700 lbs.) – Estimated

## CAPACITIES

Capacity – 14ft Hopper	9.2m <sup>3</sup> (12 yd <sup>3</sup> )
Diesel Tank Capacity	320 l (84.5 US Gal)
Hydraulic Tank Capacity	415 l (110 US Gal)

## FEED CONVEYOR

Belt Width	1050 mm (42")
Belt Spec	Plain 500/3 5+1.5
Adjustable Speed	0 – 0,25 m/s

## MAIN CONVEYOR

Belt Width	1050 mm (42")
Belt Spec	Plain 500/3 5+1.5
Maximum Speed	2,33 m/s

## Capacity:

Max. 450 t/h	throughput capacity depending on material and screen deck
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## TAIL CONVEYOR (Fines)

Stockpile Height	5013 mm (16' - 6")
Belt Width	1200 mm (48")
Belt Spec	Plain – 400/3 5+1.5
Maximum Speed	1,83 m/s

## SIDE CONVEYORS

Stockpile Height	5094 mm (16' - 2")
Belt Width	800 mm (31.5")
Belt Spec	Chevron – 315/3 3+1.5
Speed (L/H Side Convr)	0 to 2,46 m/s
Speed (Over Size Convr)	0 to 1,93 m/s

## TRANSFER CONVEYOR

Belt Width	650mm (26")
Belt Spec	Plain - 400/3 5+1.5
Maximum Speed	0 to 1,79 m/s

## AUXILIARY CONVEYOR

Stockpile Height	4450 mm (15' - 2")
Belt Width	750 mm (30")
Belt Spec	Chevron – 315/3 3+1.5 C15
Maximum Speed	0 to 1,93 m/s

## SCREENBOX

Screens- Top Deck and Middle Deck	5' x 4' Side Tension (5 pic.) 5' x 2' Side Tension (1 pic.)
Screen Dimensions- Top Deck and Middle Deck	6700 mm x 1525 mm (22' x 5')
Deck	
Screens- Bottom Deck	6' - 10" x 5' - 2" End Tension (3 pic.)
Screen Dimensions- Bottom Deck	6100 mm x 1525 mm (20 'x 5')
Tensioning – Top Deck and Middle Deck	Wedges /side tensioned
Tensioning – Bottom Deck	Curved Tension Bar and Adjusters
Screen Angle	20° to 30°
Drive System	Direct Drive with Flexible Coupling
Screen Stroke Adjustable	YES 6-10 mm
Screen Shaft Speed	1120 rpm to 930 rpm

## POWER UNIT AND HYDRAULICS

Engines	CAT C4.4 Tier 3 / Stage 3a. 98kW @ 2200 U/min. CAT C4.4 Tier 3 / Stage 3aK. 98kW @ 2200 U/min. Cummins QSL 3.8 L Stage 4/Tier4F, 97 kW@2200 U/min.
Hydraulic Oil Cooler	12 Volt Electric with Thermostat Control
Total System Flow	356 l/min. (94 US Gpm)



## ELECTRICS

Chassis Cabling	SWA Cable
Emergency Stops	4 pic, 2 @ Power unit RH & LH 1 @ Walkway 1 @ Feeder
Start Siren	Yes – 10 Second Delay
Engine Shutdowns	Low Oil Pressure High Water Temp Air Filter Blockage Fuel Contamination Low Hydraulic Tank Level
Remote Tipping Grid	YES, Timed
Pendant Track control	YES, Plugged in at Feeder End with E-Stop
Flashing Beacon & Siren	YES, (When Tracked)



## TRACKS

Width	500 mm (19.7")
Length	3800 mm (12' – 6")
Height	800 mm (31.5")
Speed max.	0.8 km/h (0.5 Mph)
Gradeability	24.5°
Max Slope side to side	10°
Attachment to Chassis	Bolt On

## OPTIONS

Live Head  
Crusher Chute  
Radio Remote Control for Tracks  
Dustbuster Air Cleaner  
Wedge Tensioners on Top Deck

## SAFETY FEATURES

External Belt Alignment Points  
Engine Safety Shutdown Systems  
Full Safety Guarding for Nip Points  
CE-Compliance

**The manufacturer reserves the right to make technical updates**