MS842W

Mobile Screen

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IMS MS842W

8' x4' (2.4 m x 1.2 m) 4-Bearing Screen
The unique end to end crowning of the 8' x 4' (2.4 m x 1.2 m) MS842W screen box allows for higher production and more efficient separation than similarly sized flat screens.

On-Board Stockpiling Wing Conveyors
The on-board stockpiling conveyors allow for fast set up times by eliminating the need for off plant stacking conveyors. The self cleaning wing conveyors have a folding mechanism that provides a compact profile for transport while providing a stockpile height of 14'3" (4,3 m).

Wing Conveyor Variable Speed Drive
The top screen deck wing conveyor hydraulic system allows the user to adjust the speed of the conveyor to control rollback of material providing for a safer and more efficient operation.

On-Board Product Conveyor
The folding mechanism of the on-board product conveyor allows for fast set up. It also provides a compact profile for transport, added strength, and a stockpile height of 3.8 m (12'6").

Maintenance Platform
The maintenance platform on the MS842W extends across the rear portion of the screen and provides easy access to the screen panels for screen mesh replacement. Ladders with handrails are installed on both sides of the MS842W for access to the maintenance platform and to the remote screen bearing lubrication points.

Emergency Stop System
Every MS842W is equipped from the factory with an emergency stop system that will render the plant inoperable when activated, providing added safety for the operator.

Remote Control Tipping Grid
The optional remote control tipping grid function of the MS842W allows the operator to operate the screening plant from the seat of his loader or excavator increasing operator efficiency and plant production.

Standard Features

Remote control heavy duty tipping grid
Two-deck, four bearing 8' x 4' (2.4m x 1.2m) screen box
Hydraulic folding wing conveyors
Maintenance ladders and platform provides access to three sides of screen box
On site towing bar
Hydraulic Jack legs
Remote screen box greasing
Acoustic engine canopy
Emergency stop system
Hydraulic oil cooler
Light systems either 12v or 24v depending on destination

Options

Shredder with manganese hammers for abrasive materials and Alternative Cutting blades for peat, topsoil or mulch applications
ABS brakes
Washing option including top deck rinse bars and sandbox (image below)

Specifications

Operational length	15.4M (50’6”)
Operational height	4.4M (14’7”)
Hopper capacity	6.9 cubic yds (5,3 cubic metres)
Loading height	3.3M (10’8”)
Loading width	3.8M (12’6”)
Hydraulic tank capacity	362 l (96 gal)
Diesel fuel capacity	151 l (40 gal)
Engine	Liquid Cooled
Engine power (horsepower)	74 kw (100 Hp)
Screen box size	2.4m x 1.2M (8’ x 4’)
Screen box type	4 bearing
Towing arrangement	Fifth wheel
Brakes	Tractor air braking system t
Transport width	2.5m (8’2”)
Travel height	3.9m (13’0”)
Transport length	13.1M (43’0”)
King Pin weight	3680 kg (8096 lbs)
Total weight	13700 kg (30203 lbs)

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