

# MS842W Mobile Screen







### 8' x4' (2.4 m x 1.2 m) 4-Bearing Screen

The unique end to end crowning of the 8'  $\times$  4' (2.4 m  $\times$  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 Jacklegs

Remote screen box greasing

Acoustic engine canopy

Emergency stop system

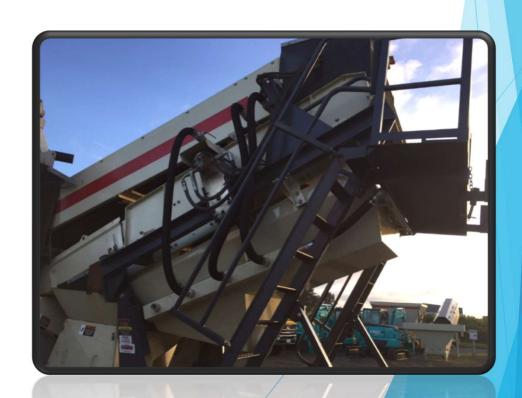
Hydraulic oil cooler

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 I (96 gal)

Diesel fuel capacity 151 I (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)

Due to Irish Manufacturing Services Limited's policy of continuing product improvements, Specifications are subject to change without notice or obligation. No representation is made that the products depicted herein comply with any laws, codes, rules, regulations or standards. Compliance is the responsibility of the user. Additional safety equipment may be required by the particular location and application of product.

Irish Manufacturing Services Limited

34 Dunroe Road, Clogher, Co. Tyrone, N. Ireland BT76 0DZTel. +44 (0)28 8554 9656

E-mail <u>info@ims-ltd.ie</u>
Website: www.ims-ltd.ie