

# PORT & QUARRY SUPPLIES LIMITED

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## BRM 84-2 MOBILE 3-WAY SCREENER



## **Heavy Duty Construction**

The heavier construction, demonstrated in the 30,404 lb. (13.820 kg) weight of the BRM 842W, provides for increase durability while allowing the BRM 842W the ability to withstand the rigors of heavy applications.

## **8' x 4' (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) BRM842W 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 BRM842W 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 BRM842W for access to the maintenance platform and to the remote screen bearing lubrication points.

## **Emergency Stop System**

Every BRM842W is equipped from the factory with an emergency stop system that will render the plant inoperable when activated, providing added safety for the operator.

## **Hammermill Shredder (Optional)**

The optional hammermill type shredder allows for more efficient separation of materials prior to screening than more traditional knife style shredders by impacting material on manganese faced hammers. Occasional contamination in the material (rocks, bricks, concrete) can be tolerated in the MS842W shredder.

## **Remote Control Tipping Grid**

The remote control tipping grid function of the BRM842W 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 towbar
- Hydraulic jack legs
- Remote screen box greasing
- Acoustic engine canopy
- Emergency stop system
- Hydraulic oil cooler
- Light systems

## **Options**

- Impact shredder
- ABS brakes
- CE equipment (European models)

## **Specifications**

Operational length	50'6" (15,4m)
Operational height	14'7" (4,4m)
Hopper capacity	6.9 cubic yds (5,3 cubic metres)
Loading height	10'8" (3,3m)
Loading width	12'6" (3,8m)
Hydraulic tank capacity	96 gal (362 l)
Diesel fuel capacity	40 gal (151 l)
Engine make/model	Deutz TD2011 I041
Engine Type	4 cylinder air cooled diesel
Engine power (horsepower)	49 Hp (37 Kw)
Screen box size	8' x 4' (2,4m x 1,2m)
Screen box type	4 bearing
Towing arrangement	Fifth wheel
Brakes	Tractor air
Transport width	8'2" (2,5m)
Travel height	13'0" (3,9m)
Transport length	40'3" (12,2m)
King pin weight	8096 Lbs (3,680 Kg)
Total weight	30203 Lbs (13,700 Kg)