

Eco-Star® PATRIOT 4000 MOBILE SCREEN

BENEFITS

- High screening capacity of difficult material in a small footprint
- Patented anti-wrapping and anti-clogging system
- Self-contained highly portable unit
- Grapple or loader fed



Hydraulic Power Unit

Integrated controls provide smooth setup and ease of unit operation. Machine speed easily adjustable.



4000 Model Eco-Star Screen

Single or multiple separations, screening sizes from 1" to 10" available. Screening size adjustable +/- 20% with speed changes



Deck Design

Patented anti-clogging system provides high capacity screening of difficult materials. HARDOX® disc construction provides superior wear.



Options

Product conveyors, larger screens and multiple cuts are available as options.

SPECIFICATIONS

SPECIFICATIONS MAY VARY WITH EQUIPMENT OPTIONS 3/1/15

General

Length 27'8"
 Height(Transport)..... 13'5"
 Height(Operation)..... 14'2"
 Width 8'5"
 Gross weight. 24,200 lbs.
 Axle weight. 14,500 lbs.
 Engine Deutz, Air Cooled
 Horsepower 29 HP
 Fuel capacity (tank)..... 30 gallons
 Hydraulic oil capacity..... 60 gallons
 Brakes air
 Towing arrangement fifth wheel

Easy Setup and Transport

Front hydraulic lift leg
 Hydraulically positioned rear axle
 Hydraulic cylinder to position feed chute
 Removable light bar
 Fully road Legal (NO Permits required)

12' Wide Fines Bunker

Steel walls on (3) sides provide up to 25 cubic yds storage beneath the Eco-Star

Hydraulic System

Permco pump
 Char-Lynn motor
 Hydraulic Tank Heater (120V)
 Manual Control Valves

Diesel Power

Deutz D2011-LO3i
 3 Cyl Air/Oil Cooled
 29 HP @ 1,800 RPM
 US EPA Tier 4i Certified Clean Air Diesel
 Low noise & vibration
 Direct injection
 Cold Start Package
 LOFA Engine Monitoring Panel
 Fuel Consumption; 1 GPH Based on 20 HP Load

Options

Electric power
 Multiple cut sizes
 Product conveyors
 Consult factory on particular needs



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