

ScreenBee SB15.44W Specification Sheet

Powerful • Mobile • Efficient

The **ScreenBee SB 15.44W** is a high-performance mobile trommel screening system designed for soil, compost, aggregates, biomass, mulch, and waste-processing applications. Built for demanding environments, it delivers outstanding throughput, superior separation efficiency, and easy mobility between job sites.

Key Features

High-Efficiency Trommel Drum

- 1,500 mm diameter x 4,300 mm length
- Optimized rotational speed for smooth, continuous material separation
- Interchangeable mesh options: **6×6 mm to 80×80 mm**

Mobile Trailer Design

- Fully mounted on a highway-approved trailer
- Simple towing and rapid site setup
- Hydraulic folding conveyors for compact transport

Hybrid/Electric Power

- Can run on direct electric supply or built-in generator
- Fuel-efficient and low-noise operation
- Yanmar/Pramac generator integration where applicable

Dual Conveyor System

- Independent oversize and fines conveyors
 - Adjustable discharge heights
 - Quick hydraulic setup
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Technical Specifications

Specification	Value	
Transport Dimensions (L×W×H)	9,445 mm × 2,550 mm × 3,795 mm (31 ft × 8.4 ft × 12.45 ft)	
Working Dimensions (L×W)	11,029 mm × 4,270 mm (36.2 ft × 14 ft)	
Weight	≈ 10,250 kg (≈ 22,600 lbs)	
Drum Size	Ø 1,500 mm × 4,300 mm (4.92 ft × 14.1 ft)	
Screening Range	6×6 mm – 80×80 mm (0.24 in – 3.15 in)	
Power	Electric / Hybrid (Generator Optional)	
Conveyors	2 Hydraulic Folding Discharge Conveyors	9,445 mm × 2,550 mm × 3,795 mm
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Ideal Applications

- Soil screening & topsoil production
 - Compost and green-waste processing
 - Mulch and wood-chip sizing
 - Aggregates & construction debris separation
 - Landfill & recycling facilities
 - Biomass preparation
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Why Choose the ScreenBee SB 15.44W?

- Exceptional **throughput capacity** for its class
 - **Easy transport** between work sites
 - **Low operating cost** with hybrid power
 - **Fast setup**, user-friendly controls
 - Rugged, reliable, and built for continuous operation
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Perfect for Contractors, Recycling Centers & Material Producers

If your business demands mobility, precision, and durability, the ScreenBee SB 15.44W delivers top-tier performance at an exceptional value.

For pricing, availability, or import options, contact MatPro Equipment.