

THE SCREEN MACHINE®

AN AMERICAN MANUFACTURER OF PORTABLE CRUSHING AND SCREENING PLANTS

MIGHT II SHREDDER/TROMMEL



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**Gulf
Atlantic**

INDUSTRIAL EQUIPMENT INCORPORATED

Concrete, Aggregate, and Material Handling Equipment

Concrete Solutions with Rock Solid Results

800-792-7427



THE SCREEN MACHINE®
MIGHT II

(800) 792-7427 or (352) 628-6674

OVERVIEW

Screen Machine Industries is a global leader in crushing and screening equipment with manufacturing headquarters located in Columbus, Ohio, USA.

Grizzly prevents oversized material from entering the machine

High-speed hammermill shredder pulverizes topsoil to reduce oversize

Self-cleaning trommel screen accepts a variety of screen sizes

Variable speed feeder belt regulates flow of material through machine

Yanmar® diesel engine offers plenty of power to run all machine functions and optional stacking conveyor



KEY FEATURES

HAMMERMILL SHREDDER

- Powerful high speed 22 blade hammermill shredder
Free swinging blades with spring mounted baffle plates pulverize soil and compost materials without risk of stoppage
- AR500 grade steel blades for best in class life
- Multiple spring mounted baffles to reject rocks
Baffles allow rocks to pass without excessive wear on hammermill
- Hammermill shredder generates more fines with less oversize than screening alone
Eliminates the need to rerun oversize material through machine multiple times



TROMMEL SCREEN

- 3'-0" x 4'-0" (0.9m x 1.2m) heavy duty trommel screen
38 square feet (3.53 sq. m) of screening surface area with sizes ranging from 1/4" to 3" (6mm to 75mm) for accurate separation of any type and size of material
- Variable screen angle adjustment
Adjust screen angle to match up to varying moisture levels in materials for maximum production efficiency
- Self-cleaning brushes
A self-cleaning, adjustable, nylon brush ensures a material free screen surface for continuous maintenance free operation



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MIGHT II

FEEDER AND CONVEYOR

- Large capacity hopper with wide opening and grizzly
Manual tipping grizzly with 6" (152mm) spacing prevents large rocks and wood from entering the hopper
- 18" (460mm) wide variable speed feeder conveyor belt
Hydraulically adjust the feed rate of material to the shredder and screen for maximum efficiency
- Lagged head pulleys, wing tail pulleys, rubber disc return idlers are standard
Ensures maintenance free belt operation through good traction and cleanliness
- The entire machine is manufactured from USA sourced A36 steel



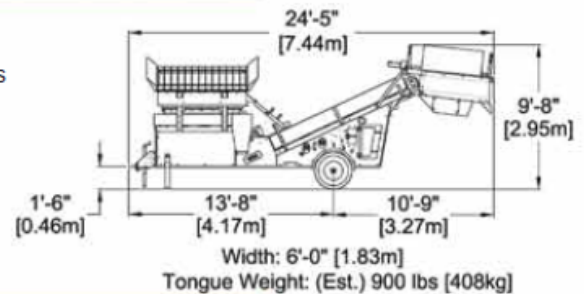
POWER SYSTEM & CONTROLS



- 26 HP Yanmar® diesel engine
- 29 gallon (110 liters) lockable hydraulic oil tank and cooler
Baffled tank with hydraulic oil cooler increases the life and efficiency of the hydraulic system
- 16.5 gallon (62.5 liters) lockable diesel fuel tank
Fuel efficient engine delivers 20 hours of production on a single tank
- Easy to operate control panel with lockable access doors

TRANSPORT

- Transportation with 3/4 ton pick-up truck
Easily towable with a truck equipped with standard pintle hook and electric brakes
- Built-in trailer jack and support legs for quick loading and unloading



STACKING CONVEYOR



- Optional 18" x 30'-0" (460mm x 9.14m) radial stacking conveyor
Creates the opportunity to produce large radial stockpiles of finished materials without double handling
- Optional hydraulic power conversion kit
The ability to drive the stacking conveyor from the Might II's engine and hydraulics eliminates the need for an additional power module

PRODUCT SUPPORT

- Factory headquarters located in Columbus, Ohio
- Lifetime toll free engineering telephone support (USA only)
- USA sourced name brand parts
- Rapid response parts availability
- Extensive distributor network
- Detailed operational, service & parts manuals

Specifications Subject to Change Without Notification

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