



THE SCREEN MACHINE[®] DEVELOPER

FEEDER

- **11 Cubic Yard Hopper with 13' - 9" Wide Feed Opening**
A perfect match for a four to five cubic yard front end loader.
- **Remote Control Hydraulic Tipping Grizzly**
5 1/4" nominal spaced grizzly bars keep oversized rock and wood from entering the hopper.
- **36" Wide 3-Ply 330 PIW Feeder Belt**
Heavy duty belt for long wear life.
- **Variable Belt Speed**
Hydraulically controlled belt speed creates a consistent and accurate feed rate of materials to the shredder or screen.
- **6" (15.24) CEMA "D" Rubber Wrap Idler for Added Feeder Belt Traction**



Remote Controlled Tipping Grizzly

CONVEYOR BELT



- **36" Wide Main Belt**
Heavy duty 2-ply 220 PIW bolt for long wear life.
- **Lagged-Head Pulleys and Wing-Type Tail Pulleys**
Precision[™] pulleys for positive traction, alignment and belt cleanliness.
- **5" Diameter Idlers and Rubber Disc Returns**
Goodman[®] idlers provide the required strength to carry the load.

OPTIONS

- **High Speed Hammermill Shredder**
66 wedge-shaped hammers spinning at 1500 RPM will pulverize your dirt. Shredder hammermill chamber hydraulically raises and lowers into position. Spring tensioned baffle plates control the shredding action while by-passing large rocks.
- **Hydraulic Conversion Kits**
Capability of powering up to three additional stacking conveyors and a sand screw.
- **5' - 0" x 10' - 0" Triple Deck Screen**
- **Spray Bar Assembly for Wash Plants**

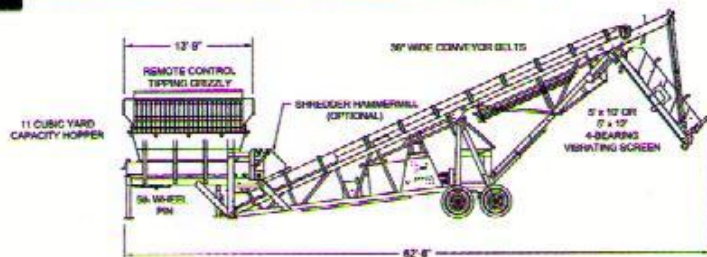


High Speed Hammermill Shredder

DIMENSIONS

Shipping Information

Height	13' - 4"	(4.06m)
Length	64' - 6"	(19.66m)
Width	8' - 6"	(2.59m)
Weight (approx.)	39,000 lbs.	(17,690 KG)



Specifications Subject to Change Without Notification



THE SCREEN MACHINE®

DEVELOPER

The **DEVELOPER** is a high capacity, portable screening plant featuring a 5' x 12" double deck or 5' x 10" triple deck shaker screen for separating all types of aggregates. The feed hopper is large enough to be fed with a 4 to 5 yard loader bucket. Adding the optional high-speed hammermill shredder creates the perfect processing plant for large volumes of topsoil and compost. This heavy-duty plant is equipped with enough diesel horsepower to drive multiple auxiliary items including radial stacking conveyors and accessories.



SCREEN



Raised Position



Lowered Position

- **5' - 0" x 12' - 0" Two Deck Screen**
Four bearing positive action (against the flow) shaker screen spinning at 1000 RPM, generating a 3/16" constant shake under any size load. Perfect for sizing materials accurately between 1/8" and 4".
- **Hydraulically Adjustable Screen Angle**
Hydraulically adjust the angle of the shaker screen to any one of six operating positions to optimize efficient sizing of materials under various environmental conditions.
- **Step Deck / Split Deck Screen**
An additional 4' drop half way down the screen creates a second impact point generating additional tumbling of material and better screening.
- **Shaker Screen Lowers to Ground Level**
The shaker screen lowers hydraulically to ground level for transport, screen changes and maintenance. No need for ladders, platforms or safety harnesses.
- **Multiple Screen Choices**
Many choices of screen types to choose from including wire cloth, harp screens, sod decks, slotted end tension screens and finger screens.

POWER SYSTEM

- **John Deere® or Cummins® 110 HP Diesel Engine**
Enough horsepower to drive the screening plant with multiple options and several stacking conveyors.
- **200 Gallon Lockable, Baffled, Hydraulic Oil Tank w/ cooler**
An OilAir® hydraulic oil cooler maintains a constant level of performance and long life.
- **70 Gallon Lockable Diesel Fuel Tank**
Over 14 hours of continuous material processing without the need to refuel.
- **Independent Hydraulics**
Dedicated circuits guarantee constant power to each function.



The **DEVELOPER** wash plant shown above has a 5' x 10' triple deck screen with spray bars, 44" sand screw, one 80'-0" and two 40'-0" radial stacking conveyors processing four sizes of washed aggregates. All five pieces of machinery are hydraulically powered by the **Developer's** robust diesel engine.

STRUCTURE



DEVELOPER
Transport Position

- **American Made Steel**
All structural fabrication is made from USA sourced Grade A36 steel.
- **Tapered Truss Design for Added Strength**
- **Fifth Wheel Tow Configuration for Ease of Portability**
- **Two 22,500 lb. Axles w/Dual 11R x 22.5 Tires and Air Brakes**