



# THE SCREEN MACHINE®

AN AMERICAN MANUFACTURER OF PORTABLE CRUSHING, SCREENING AND SHREDDING PLANTS & CONVEYORS

## ACHIEVER SHREDDER/TROMMEL



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# KEY FEATURES

## SHREDDER HAMMERMILL

- **Powerful High Speed 48 Blade Shredder Hammermill**

Free swinging blades with spring mounted baffle plates pulverize dirt and compost products without risk of stoppage. The shredder increases the percentage of fines and lowers the amount of oversize. It eliminates the need to re-run your oversize back through the machine multiple times.

- **Hydraulic Shredder Hammermill Raise and Lower**

You can choose whether or not to pulverize your material without the need for major disassembly.



## TROMMEL SCREEN

- **5'-0" x 11'-0" (1.5m x 3.35m) Heavy Duty Trommel Screen**

144 square feet (13.38 sq. m) of screening surface area with variable speed adjustment for profitable separation of any type and size of material.

- **Variable Screen Angle Adjustment**

Adjust your screen angle hydraulically to match up to varying moisture levels in your materials.

- **Self Cleaning Brushes**

Two self cleaning adjustable nylon brushes ensure a clean screen surface for continuous operation.



## POWER SYSTEMS & CONTROLS

- **80 HP Cummins® Diesel Engine**

Enough horsepower to pulverize and screen your heaviest materials.

- **100 Gallon (378 liters) Lockable, Baffled Hydraulic Tank w/ Cooler**

A cool hydraulic system maintains a constant level of performance and long life.

- **65 Gallon (246 liters) Diesel Fuel Tank**

Over 15 hours of continuous material processing without the need to refuel.



## FEEDER

- **Large 7 Yard Hopper with Grizzly**

Steep angled hopper walls prevent buildup of wet, sticky materials. Heavy duty tipping grizzly prevents large rocks and debris from entering your system. 5 1/4" (13.34cm) nominal spaced grizzly bars.

- **Optional Hydraulic Tipping Grizzly**

Operated by wireless remote control, clearing debris from your hydraulic tipping grizzly can be accomplished with the push of a button.

- **Belt Feeder Includes Hydraulically Variable Speed Control**

Adjusting the speed of your feeder belt controls the amount of material entering the shredder chamber.

- **Precision® Lagged Head and Wing Type Tail Pulleys**

- **5" (12.70cm) Diameter Troughing Idlers with Rubber Impact Return Idlers**

The combination of pulley traction and self-cleaning rollers are a necessity for feeding wet, sticky, heavy materials.

- **The Entire Machine is Manufactured From USA Sourced A36 Steel**

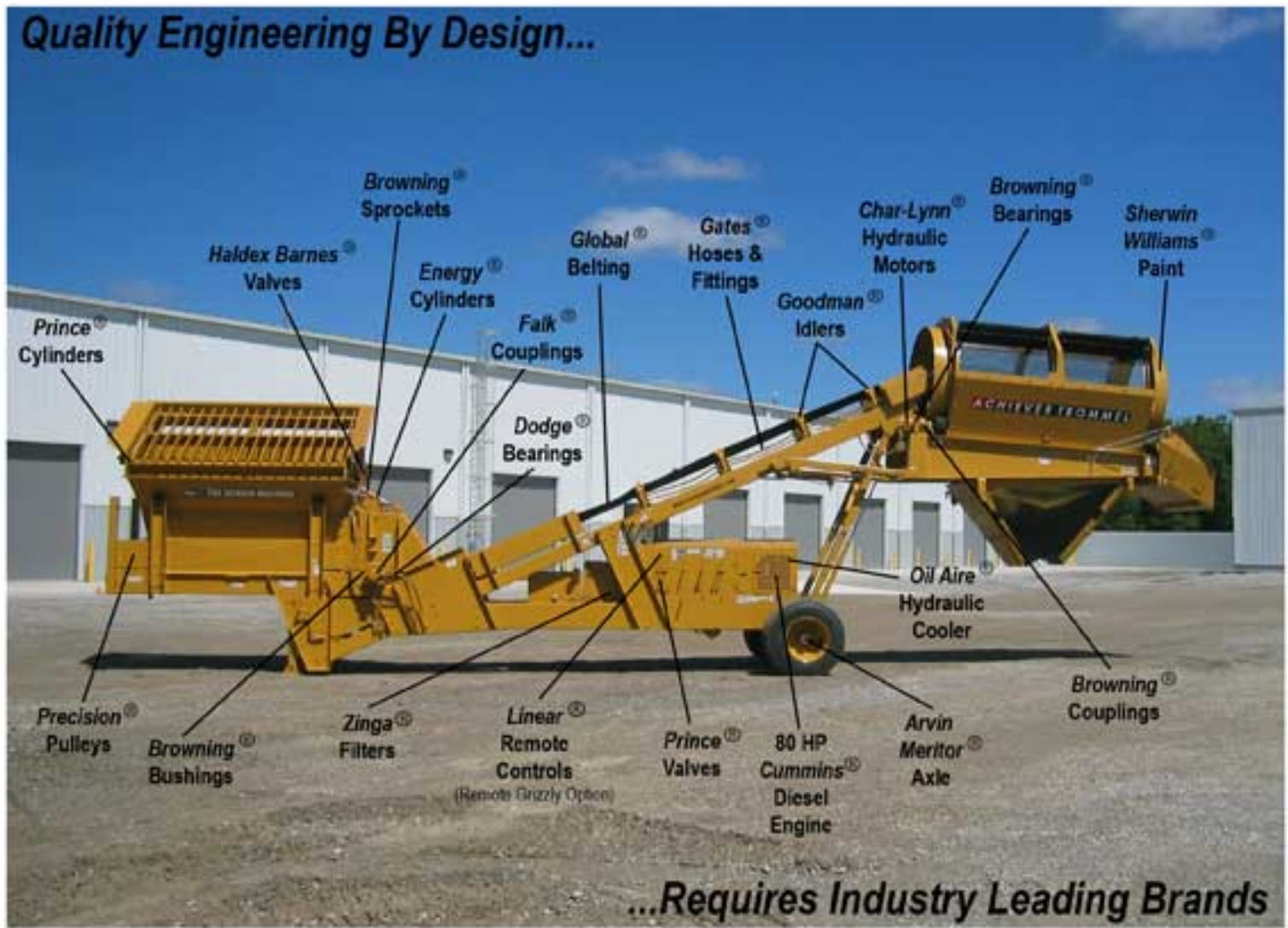


Specifications Subject to Change Without Notification

**A Portable Diesel Powered Plant Designed to Both Pulverize and**



## Quality Engineering By Design...



...Requires Industry Leading Brands

## OPTIONAL STACKING CONVEYORS

### • Optional Conversion Kits for Powering One or Two Stacking Conveyors

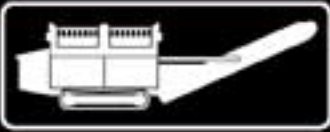
Add a 24" x 40'-0" (51cm x 12.2m) stacking conveyor for the finished product, oversize product or both. The stockpile capacity of product for a 40'-0" (12.2m) radial stacking conveyor is over a thousand cubic yards/meters.



## 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, Engine, Service & Parts Manuals

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The **Achiever Shredder/Trommel** is one in a family of four trommel machines in the Screen Machine product line. Our wide range of models, including the **Might II**, **Pulverize III**, **Achiever 511** and the tracked **621T** are perfect for contractors of any size. So whether you are a small landscaper with a skid steer or a large municipality with a 3 to 5 yard loader, Screen Machine Industries has you covered.



**MIGHT II Matched to a 1/2 Yard Loader**



**621T Matched to a 3-5 Yard Loader**

Founded in 1967, **SCREEN MACHINE INDUSTRIES, INC.** is one of the largest manufacturers of portable screening, crushing and shredding plants in North America. **THE SCREEN MACHINE®** brand, featuring US sourced name brand parts is built in a new state-of-the-art manufacturing facility located near Columbus, Ohio.

Unique product designs are created in-house by a highly educated engineering team utilizing three-dimensional modeling software. Numerous US Patents have been awarded as a result of our creative ambition in developing machinery superior to any in the world.

The manufacturing process includes the utilization of high definition plasma tables, CNC fabrication equipment, advanced painting facilities, and highly skilled technicians assembling these machines with multiple levels of quality control and thorough run-time inspection that ensure the reliability we demand and you expect.



**SCREEN MACHINE INDUSTRIES, INC.**

**DISTRIBUTED BY**

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