

# Morbark Model PT727

## Portable Trommel Screen

Product Information



The Morbark PT727 is purposely designed to be **heavy in strategic areas** in order to effortlessly withstand the rough, tough treatment of compost, yard waste, wood grinding, C & D and land clearing projects. The heavy duty 27' long x 7' diameter trommel tube is constructed of 3/8" thick steel plate which holds its shape even when processing bulky, heavy material. The trommel is supported by four 8"

diameter, self-centering steel wheels, each supported by two self-aligning pillow block bearings. With 20 feet of screen cloth and 440 square feet of actual screen area, the PT727 delivers a **cost per square foot significantly lower than any comparable unit in its size range**. Hydraulic support legs on all four corners make it quick and convenient to set up the screen at the proper trommel angle for the cleanest possible product. Pin the legs, relieve the pressure on the cylinders, unfold the fines stacking conveyor and you are ready to load the eight-yard hopper and begin processing material ... **all within 10 minutes of pulling onto the job site**. Even bulky, hard-to-handle material flows easily through the **unrestricted throat opening** from hopper to screen. With plenty of reserve horsepower, state-of-the-art hydraulic components and more torque than any screen on the market, the Morbark Model PT727 is ready to take on the toughest material screening challenges.



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## Morbark Portable Trommel Screen **Model PT727**

*Hydraulic support legs on all four corners lift the entire machine effortlessly off the ground to ensure the best angle for the cleanest possible product.*



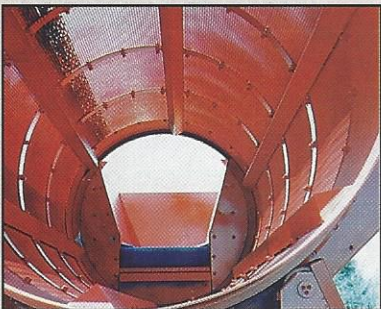
*Once the proper angle is set, support legs are pinned and pressure on the hydraulic cylinders can be relieved. This adds life to the cylinders and stability to the machine.*



*The fines stacking conveyor unfolds for operation at the touch of a lever. After only about 10 minutes set-up time, the PT727 is ready to run.*



*A unique straight through, unrestricted throat opening from hopper to trommel allows the PT727 to accept bulky material without jamming or plugging.*



*The heavy duty closed loop hydraulic system is designed to provide the PT727 with reserve hydraulic power and more torque than any other screen in its class.*



### GENERAL

Length	45'
Height	13' 5"
Width	10'
Gross weight	45,500 lbs.
Tongue weight	16,000 lbs.
Axle weight	29,500 lbs.
Dual-axle trailer	45,000 lb. suspension
Tires (4)	315/80R22.5 16 ply radials
Brakes	air
Stabilizer legs (4)	hydraulic
Towing arrangement	fifth wheel
Engine	Cummins or John Deere
Horsepower	125 - 154
Fuel tank capacity	130 gallon
Hydraulic oil tank capacity	130 gallon
Hydraulics are available to operate auxiliary feed or discharge conveyors	
Complete remote control operations	

### TROMMEL SCREEN

7' diameter x 27' 8" long trommel screen equipped with 20' of actual screen cloth (440 sq. ft. of screen area)  
All screen panels bolt on for easy removal  
14" diameter brushes prevent clogging or binding of screen  
Trommel screen is supported by four (4) 8" diameter x 6 1/2" wide steel wheels, each supported by (2) 3,600 psi pillow block bearings on swivel axle mounts  
8+ cubic yard hopper equipped with a 5/16" thick x 48" wide 3-ply rubber conveyor supported on impact troughing rollers  
Screen is hydraulically driven with variable speed control

### DISCHARGE SYSTEM

48" wide x 20' long, 2-ply smooth top rubber belt belly conveyor discharges material to a  
36" wide x 15' long fines stacking conveyor with a stacking height of 8'. Stacking conveyor folds up hydraulically for transport  
Oversized material is discharged from the 5th wheel towing end of the trommel

### OPTIONS

Various punch plate or screen cloth sizes  
Dual products split machines  
60" wide, 40' attachable overs stacker with drop height of 15'6"  
Side radial stacking conveyors