

Morbark Model PT737

Portable Trommel Screen

Product Information



Engineered and fabricated with **extra mass in critical areas**, the Morbark PT737 Portable Trommel Screen withstands the abusive treatment found in compost, yard waste, wood grinding, C & D and land clearing projects. The PT737 is the second largest unit in Morbark's lineup of heavy duty, workhorse trommel screens designed for the green waste industry. The massive 37' 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 six 7" diameter, self-centering steel wheels, each supported by two high performance pillow block bearings. With 30 feet of screen cloth and 660 square feet of actual screen area, the PT737 delivers a **cost per square foot significantly lower than any comparable unit in this size range**. Hydraulic support legs on all four corners make it quick and convenient to set up the screen and set the proper trommel angle for the cleanest possible product. Pin the legs, relieve the pressure on the cylinders and the 737 is ready to begin processing material ... all within 10 minutes of pulling onto the work site. A **unique unrestricted throat opening** from hopper to screen allows even bulky, hard-to-handle material to flow easily into and through the tube. With plenty of reserve horsepower, state-of-the-art hydraulic components and more torque than any comparably sized screen on the market, the Morbark Model PT737 is prepared for the toughest material screening challenges.



Morbark, Inc.

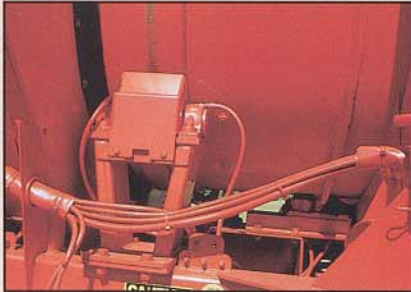


Morbark Trommel Screen **Model PT737**

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.



Wear rings are machined and trued to a perfect circle and supported with machined solid steel convex rollers for longer life and increased durability.



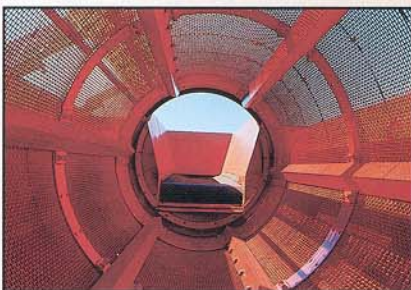
The patented, segmented trommel tube uses bolt-together construction which allows easier replacement of wear parts and many screen attachment options.



Self-contained, tri-fold hydraulic conveyors allow for easier, faster set-up and portability. All conveyors are belt-speed adjustable.



A unique straight through, unrestricted throat opening from hopper to trommel allows the PT737 to accept bulky material. Plugging and jamming is eliminated with a standard anti-plugging device that keeps wet and heavy material from overloading the trommel tube.



GENERAL

Length	58'
Height	13' 3"
Width	9'
Gross weight	49,460 lbs.
Tongue weight	20,320 lbs.
Axle weight	29,140 lbs.
Dual-axle trailer	45,000 lb. suspension
Tires (4)	315/80R 22.5 20 ply radials
Brakes	air
Stabilizer legs (4)	hydraulic
Towing arrangement	fifth wheel
Engine	Caterpillar, Cummins or John Deere
Horsepower	171-174
Fuel tank capacity	120 gallon
Hydraulic oil tank capacity	120 gallon
Hydraulics are available to operate auxiliary feed conveyor	
Complete remote control operations	

TROMMEL SCREEN

7' diameter x 37' long trommel screen equipped with 30' of actual screen cloth (660 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 (6) 7" diameter x 6 1/2" wide steel wheels, each supported by (2) 3,800 psi pillow block bearings on swivel axle mounts
 7+ 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 or triple products split machines
 48" wide, 40' attachable hydraulically telescoping overs stacker with a maximum drop height of 17'
 Radial stacking conveyors
 Triple fold side stacking conveyor