MORBARK®

*MADE FOR **MORE** TO KEEP PACE WITH **YOU***

40/36 WHOLE TREE DRUM CHIPPER

The **Morbark 40/36 Whole Tree Drum Chipper** is a compact, affordable, productive drum chipper designed with the biomass industry in mind. Equipped with the same internal drive perfected on Morbark horizontal grinders, along with an extra wide feed opening, the 40/36 aggressively feeds brushy tops and limbs, quickly and effortlessly filling a chip van to maximum legal load capacity. Morbark's Advantage 3 Drum produces more consistent chips, while the heat-treated, AR-450 steel drum skin provides longer wear life for lower replacement costs and less downtime. The feed system is more efficient due to a staggered knife configuration and contains fewer moving parts, reducing maintenance. With low fuel consumption per ton produced, this unit is economical. At 8'6" (2.59 m) wide this compact unit is easily transportable and requires no permits to move.

FEATURES AND BENEFITS

- The Morbark Integrated Control Systems (MICS), the ultimate diagnostic system, monitors hydraulic pressures, temperatures, clutch systems and engine efficiency to maximize performance.
- The Advantage 3™ drum creates more uniform chips and reduces operating and maintenance costs.
- Directional flow discharge chute is hydraulically adjustable by remote control for maximum chip loads.
- Aggressive live floor and large top feedwheel ensure positive feed of brushy tops and limbs.

MORBARK® 40/36 DRUM CHIPPER SPECIFICATIONS

GENERAL	US	METRIC
Chipping Capacity	24"	60.96 cm
Infeed Opening	40" x 39"	101.6 cm x 99.06 cm
Length	37'5"	11.4 m
Height	12'4.25"	3.75 m
Width	8'6"	2.59 m
Gross Weight	52,500 lb	23,813 kg
Tongue Weight	22,750 lb	10,320 kg
Axle Weight	31,750 lb	14,400 kg
Engine	CAT	
Horsepower	800-875 HP	596.6 - 653 kW
Fuel Capacity (tank)	300 gallons	1,135 liters
Hydraulic Oil	187 gallons	708 liters
Tires (4) Super Singles	385/65R/22.5 20-ply	
Brakes	Air	
Towing arrangement	Fifth Wheel	
Tracks	Optional	

Specifications may vary with equipment options

EQUIPMENT HIGHLIGHTS

- Sloped Infeed System consists of one 30" (76.2 cm) diameter top compression feed roll with internal drive, a 14" (35.56 cm) diameter bottom feed wheel and a 40" (101.6 cm) wide x 12'6" (3.81 m) long live floor equipped with three strands of WDH-120 chain in a staggered configuration
- Straight discharge chute and a hydraulically operated chip deflect with vertical and horizontal adjustment
- Discharge clean-out door on bottom
- Wireless remote control with a tethered remote back-up system for chipper operation. Functions include forward/reverse of feed works, up and down of top feed roll, operation of chip discharge chute and throttle
- Hydraulic feed drive
- Automatic reversing fan system
- Rear hydraulic stabilizers
- Light package
- 11-HP (8.2 kW) air compressor with lockable enclosure

CHIPPER ASSEMBLY

- Drum diameter: 36" (91.44 cm)
- Drum width: 43.625" (110.8 cm)
- Chipper knives (8): 11"x 7.31" x 0.75" thick (27.94 cm x 18.57 cm x 1.9 cm)
- Counter knives (8): 11" x 6.375" x 0.5" thick (27.94 cm x 16.19 cm x 1.27 cm)
- Knives and counter knives are Babbitt-style

OPTIONS INCLUDE

- MicroChipper package: to include 16-knife drum, chip accelerator and 3x3 grate system
- ESPAR heating system for cold-weather start
- Top-load discharge

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