



# MORBARK®



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

# 40/36 TRACK 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.
- The optional, operator-friendly, slide-in forestry grate system reduces oversized chips for more consistent, higher-quality chips.
- A mechanically driven chip accelerator (optional) fully loads vans with chips.

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# MORBARK® 40/36 TRACK DRUM CHIPPER SPECIFICATIONS

GENERAL	US	METRIC
Chipping Capacity	24"	60.96 cm
Infeed Opening	40" x 39"	101.6 cm x 90.06 cm
Length	32'8"	9.95 m
Height	11'6"	3.5 m
Width	9'10"	2.99 m
Gross Weight (approx.)	58,580 lb	26,571 kg
Engine	CAT	
Horsepower	800 HP	596.6 kW
Fuel Capacity (tank)	300 gallons	1,135 litres
Hydraulic Oil	100 gallons	378 litres
Tracks	320L Caterpillar undercarriage	

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, 14" (35.56 cm) diameter bottom feed wheel and a 40" (101.6 cm) wide x 10'6" (3.2 m) long live floor equipped with three strands of WDH-120 chain in a staggered configuration.
- Wireless remote control with a 60' (18.28 m) 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 spout, engine throttle E-stop and track forward and reverse.
- Straight discharge chute and a hydraulically operated chip deflect with vertical and horizontal adjustment.
- Discharge clean-out door on bottom
- Hydraulic feed drive
- Automatic reversing fan system
- Light package
- 11-HP (8.2 kW) air compressor with lockable enclosure

## CHIPPER ASSEMBLY

- Drum diameter: 36" (91.44 cm)
- Drum width: 43.5" (1103 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

- Mechanically driven chip accelerator that fully loads vans with chips
- MicroChipper package: to include 12-knife drum, chip accelerator and 3x3 grate system
- ESPAR heating system for cold-weather start
- Top-load discharge

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