



# MORBARK®



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

# 50/48X WHOLE TREE DRUM CHIPPER

The **Morbark 50/48 Whole Tree Drum Chipper** is the largest, most productive drum chipper on the market. The 50/48X was updated to a similar design layout as Morbark's other industry-leading industrial drum chippers with a sloped infeed, externally adjustable anvil and large work platforms for easy access for routine maintenance. The reverse pivot yoke produces more down pressure than the conventional style yoke for aggressive feeding of a variety of material. 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 Advantage 3 drum assembly can come as 10-knives for fuel chip or 20-knives for micro-chip applications.

## 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.
- A consolidated area for oil and hydraulic filters is easily accessible from the ground or maintenance platform.
- Aggressive live floor and large top feedwheel ensure positive feed of brushy tops and limbs.
- Large work platforms on both sides provide access for easier and safer drum inspections.
- Sloped infeed sides and an additional 24" (60.96 cm) infeed length gives the operator improved visibility and loading efficiency.

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# MORBARK® 50/48X DRUM CHIPPER SPECIFICATIONS

GENERAL	US	METRIC
Chipping Capacity	28"	71.2 cm
Infeed Opening	52' x 48"	132.08 cm x 121.9 cm
Length	40'10"	12.44 m
Height	12'6"	3.81 m
Width	9'10"	3 m
Gross Weight (approx.)	72,120 lb	32,713 kg
Tongue Weight (approx.)	29,700 lb	13,471 kg
Axle Weight (approx.)	42,420 lb	19,241 kg
Tandem Axle	44,000 lb (19,960 kg) suspension	
Engine	CAT	
Horsepower	1,050 to 1,200 HP	783 to 895 kW
Fuel Capacity (tank)	400 gallons	1,514 litres
Hydraulic Oil	187 gallons	708 litres
Tires (4) Super Singles	385/65R/22.5 20-ply	
Brakes	Air	
Towing arrangement	Fifth Wheel	
Tracks	Optional 325L Caterpillar	

Specifications may vary with equipment options

## EQUIPMENT HIGHLIGHTS

- Sloped Infeed System consists of one 40" (101.6 cm) diameter top compression feed roll with internal drive and a 50" (127 cm) wide x 11'5" (3.47 m) long live floor equipped with four strands of WDH-120 chain
- 14" (35.56 cm) diameter bottom feed wheel
- Straight discharge chute, including hydraulically operated chip deflect with vertical and horizontal adjustment and clean-out door
- 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 chute and throttle
- Independent drum drive tensioning system for ease of adjustment
- Automatic reversing fan system
- Light package
- 11-HP (8.2 kW) air compressor with lockable enclosure
- PT Tech HPT015 hydraulic clutch

## CHIPPER ASSEMBLY

- Drum diameter: 48" (121.92 cm)
- Drum width: 55.5" (140.97 cm)
- Chipper knives (10): 11"x 7.31" x 0.75" thick (27.94 cm x 18.57 cm x 1.9 cm)
- Counter knives (10): 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 20-knife drum, chip accelerator and 3x3 grate system
- ESPAR heating system for cold-weather start
- Top-load discharge

Updated 12/31/19

