

MORBARK® BEEVER™ M18R

BENEFITS

- With its large capacity and high-production volume reduction capabilities, this chipper is perfect for residential tree services, vegetation management, lot and land clearing, maintenance contractors and municipalities.
- The M18R boasts a huge list of options to customize the machine as well as more standard features than any other chipper in its class.
- The unit can be outfitted with a four- or six-cylinder diesel engine and choice of single axle, tandem axle or single axle dual wheel package.
- The 36" diameter chambered air impeller system with controllable air flow vents increases chip throwing velocity and easy discharge of light, leafy material.
- Like all Morbark equipment, the M18R is a long-lasting, durable machine backed by a world-class parts and service support team.



TorqMax™ Feed Wheel

The TorqMax™ dual feed wheel compression system provides more than 7,500 lb./ft. of material pulling force.



Infeed

The 65" wide x 40 $\frac{5}{16}$ " high infeed chute with 31" wide x 18" high throat opening allows for easy feeding of a variety of materials and reduces saw labor.



Reversing Auto-feed

The reversing auto-feed system automatically stops forward feed and briefly backs material away from the drum for optimum engine performance while chipping.



Hydraulic Down Pressure

The Variable Force™ Hydraulic Down Pressure System eliminates the use of springs and creates 700 lbs. of perpetual down pressure.

SPECIFICATIONS

SPECIFICATIONS MAY VARY WITH EQUIPMENT OPTIONS 5/14/12

General

Chipping capacity. 18"
 Height 9'5"
 Width (single/tandem axle). 7'7"
 Width (single axle dual wheel) 8'5"
 Length (single or tandem axle) 19'8"
 Gross weight 10,200 – 12,200 lbs.
 Suspension. . . Single Axle (1) 10,000 lb. torsion
 Suspension. . . . Dual Wheel (1) 12,000 lb. leaf
 Suspension. . . Tandem Axle (2) 8,000 lb. torsion
 Infeed opening. 65" wide x 40 $\frac{5}{16}$ " high
 Throat opening. 31" wide x 18" high
 Drum 23 $\frac{3}{4}$ " wide x 37 $\frac{1}{2}$ " diameter
 Engines CAT, Cummins or John Deere
 Horsepower 130 – 275 HP
 Fuel /Hydraulic capacity 44/41 gallons
 Frame 2" x 6" tubular
 Tires (single or tandem axle). . . 235/75R17 $\frac{1}{2}$ "
 Tires (dual wheel). 245/75R16"
 Hitch 2 $\frac{1}{2}$ " Pintle

Equipment Highlights

37 $\frac{1}{2}$ " diameter x 23 $\frac{3}{4}$ " wide, four dual-edged knife staggered-pocket drum with patented EZ Drum removable knife holders, Vortex chambered air impeller system and controllable air flow vents
 Dual horizontal feed wheels with TorqMax top feed wheel compression system, hydraulic lift assist and Variable Force constant hydraulic down pressure system with additional manually applied hydraulic down pressure at the valve handle
 Live hydraulic system including: ball valve, pump, motor, and valve bank with additional pre-plumbed valve section for installation of an aftermarket winch package
 360° manual height-adjustable discharge
 Direct-drive bottom feed wheel
 Morthane Paint System: A chemically cured, electrostatically applied urethane coating with high-gloss finish, built-in UV protection, chip and chemical resistance and corrosion protection

Options

Variable speed flow control
 Folding infeed tray with spring lift assist
 Turnbuckle for discharge height adjustment
 Discharge cleanout door on side or bottom
 Winch package: heavy-duty, 5,000 lb. pull capacity with rope and 10' chafe guard
 Babbitted-knife staggered-pocket drum
 12,000 lb. leaf spring axle with electric brakes, electric break-away actuator, 235/75R 17 $\frac{1}{2}$ " 16-ply tires and rims (for single axle, single wheel)
 Dual 10,000 lb. rear jacks mounted on roadside and curbside
 Wireless 15-function, 900Mhz remote control with tethered back-up system
 Custom paint and logo packages
 Knife saver tool
 Engine stop on infeed
 Material pushing tool
 Spanish and English safety decals



MORBARK®
 BUILDING EQUIPMENT THAT CREATES OPPORTUNITIES

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