



# MORBARK

## ► Beaver 1821 ◀◀



HEAVY-DUTY INDUSTRIAL WOOD CHIPPERS FROM THE INDUSTRY LEADER

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# MORBARK BEEVER 1821



## BENEFITS

- Ideal for residential tree services, utility line clearing, vegetation management, maintenance contractors and municipalities, this high capacity, high-production chipper includes more standard features than any other chipper in its class.
- The powerful TorqMax™ dual feed wheel compression system generates more than 9,822 kg./mtr. of material pulling force.
- Unit is pre-plumbed and outfitted for the easy installation of most aftermarket components.
- Ergonomic infeed design provides consistent feed control bar activation.
- Like all Morbark equipment, the 1821 is a long-lasting, durable machine backed by a world-class parts and service support team.



### Drum

30" (76.2cm) diameter four-knife staggered knife-pocket drum with patented removable knife holders and Vortex chambered air-impeller system provides maximum chipping efficiency.



### Channel Frame

The 6" (15.24cm) channel frame rails with 2" (5.08cm) x 6" (15.24cm) tubular steel frame with cross bracing increases structural strength while maintaining low unit weight.



### 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 up to 4,500 lbs. (2,041.17 kgs) of perpetual down pressure.

## SPECIFICATIONS

SPECIFICATIONS MAY VARY WITH EQUIPMENT OPTIONS

### General

Chipping capacity ..... 18" (45.72cm)  
 Engine ..... Cummins Diesel  
 Horsepower ..... 170 HP  
 Height ..... 271.8 cm  
 Width ..... 221 cm  
 Length ..... 551.2 cm  
 Weight (approximate) ..... 4,037 kgs  
 Suspension ..... Heavy Duty Leafspring  
 Infeed opening ..... 56" wide x 37" high  
 Throat opening ..... 20.5" wide x 18" high  
 Drum ..... 23.75" wide x 30" diameter  
 Fuel capacity ..... 121.13 litres  
 Hydraulic capacity ..... 45.4 litres  
 Frame ..... 3.72 kgs, 15.24 cm channel  
 Brakes ..... Electric with Breakaway  
 Tyres ..... (2) 215/75R17 1/2"  
 Hitch ..... 63.5 mm Pintle Ring

### Equipment Highlights

Dual horizontal feed wheels with TorqMax top feed wheel compression system, hydraulic lift assist, Variable Force constant hydraulic down pressure system with additional manually applied hydraulic down pressure at the valve handle and direct drive bottom feed wheel with torque arm coupler.

Live hydraulic system including: ball valve, pump, motor, and valve bank with additional pre-plumbed valve section for installation of an aftermarket winch package.

7.62cm x 12.7cm tubular steel telescoping drawbar with two 30.48cm extensions.

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 Include

ChipSafe® Operator Safety Shield  
 Winch package: heavy-duty, 2,268 kgs pull capacity with rope and 305cm chafe guard  
 Hydraulic Swivel Discharge  
 Cone Holder  
 Spare Tyre/Mount  
 Folding Infeed Tray  
 Flow Control  
 Axle Options Available  
 Fender Options Available  
 Battery Box Options Available



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