

# MORBARK® BEEVER™ M20R WITH LOADER

## BENEFITS

- Ideal for entry-level biomass production, lot and land-clearing contractors and large tree services, this configuration adds a powerful Mor-Lift Model 150M hydraulic knuckleboom loader to our versatile M20R.
- The 14' extended boom reach and an industry-leading 2,680 lb. lift at a 10' reach allow operators to reach farther and pick up more material, reducing saw labor.
- The loader can be stored at the front of the machine to evenly distribute weight load and not store in the infeed like competitive units for increased transport safety.
- Like all Morbark equipment, the M20R is a long-lasting, durable machine backed by a world-class parts and service support team.



### Grapple

The Model 649, continuous rotation by-pass grapple with 6" closed tine diameter, 49" tine opening and 3" welded cylinder picks up a variety of materials.

### Drum

The 37 3/8" diameter x 29 1/8" wide, six-knife staggered-pocket cutting system with patented removable knife holders increases chipping capacity.

### Reversing Auto-feed

The reversing auto-feed system with Auto Sense™ controller briefly backs material away from the drum for reduced wear and optimum engine performance while chipping.

### Operator's Seat

Morbark's exclusive operator's seat and platform provides a 270° birds-eye view, for increased productivity and operator safety while reducing operator fatigue.

## SPECIFICATIONS

SPECIFICATIONS MAY VARY WITH EQUIPMENT OPTIONS 5/14/12

### General

Chipping capacity . . . . . 20"  
 Height . . . . . 11'4 1/2"  
 Width . . . . . 8'3"  
 Length . . . . . 24'9"  
 Gross weight . . . . . 17,900 lbs.  
 Suspension . . . . . 20,000 lb. torsion  
 Infeed opening . . . . . 65" wide x 31" high  
 Throat opening . . . . . 28" wide x 20" high  
 Drum . . . . . 29 1/8" wide x 37 3/8" diameter  
 Engine . . . . . CAT, Cummins or John Deere  
 Horsepower . . . . . 250–365 HP  
 Fuel capacity . . . . . 63 gallons  
 Hydraulic capacity . . . . . 43 gallons  
 Frame . . . . . 2" x 8" tubular  
 Tires . . . . . (4) 235/75x 17 1/2"  
 Hitch . . . . . 3" Pintle

### Equipment Highlights

Dual horizontal feed wheels with TorqMax Plus 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 sprocket driven bottom feed wheel  
 360° height-adjustable, hydraulic swivel discharge chute with adjustable chip deflectors  
 Patented Vortex chambered air impeller system  
 Enclosed engine with gauge panel, radiator fines screen and slide rails for belt adjustment  
 Horizontal top and bottom feed wheel with serrated teeth and knife bars  
 Discharge clean out door on bottom  
 Live hydraulic system including: ball valve, pump, motor, and valve bank

### Additional Features

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  
 Turnbuckle for discharge height adjustment  
 Winch package: heavy-duty, 5,000 lb. pull capacity with rope and 10' chafe guard  
 Wireless 15-function, 900Mhz remote control with tethered back-up system and electric over hydraulic actuator for control bar  
 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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