



MORBARK[®]
BUILDING EQUIPMENT THAT CREATES OPPORTUNITIES



MORBARK[®] BEEVER[™]

MODELS

M6R
M8D
M12D
M12R
M15RX
M15R
M18RX
M18R
M20R

HEAVY-DUTY INDUSTRIAL TREE AND BRUSH CHIPPERS FROM THE LEADER IN THE INDUSTRY

Creating Opportunities: Past, Present and Future

At Morbark®, we have always been there for our customers, providing new opportunities throughout our long history, and we always will be.

In 1957, Norval Morey founded the Morbark Debarker Company in Winn, Michigan. Since then, Morbark has grown from a simple blacksmith shop to a huge manufacturing complex; from two workers to hundreds of employees; and from one product to hundreds of heavy equipment designs. From our roots in the sawmill industry, we've expanded into forestry, recycling, tree care and the biomass energy markets.

We get to know you by listening to you, then improving our products based on what you say. Our equipment is durable, dependable and productive, and our name is the most trusted in the industry. When you choose Morbark, you make a commitment to excellence – and we're committed to helping you achieve success by creating new opportunities for you: unexplored revenue streams, untapped markets and better uses of by-products

With more than 50 years of ideas, invention and phenomenal growth, Morbark is recognized as a world-class manufacturing company with world-wide markets, and a reputation for designing and building robust, rugged and reliable heavy equipment.

Be Safe. Get ChipSafe™



The ChipSafe™ Operator Safety Shield — the latest operator safety innovation for Morbark® Beaver™ brush chippers.

Morbark and our network of authorized tree care dealers are committed to chipper operator safety and ongoing training. After several years of research, development and testing, we see the patented ChipSafe Operator Safety Shield as a true testament to this commitment.

Here's how it works:



The ChipSafe Operator Safety Shield is mounted directly to the sides of the infeed chute of a Morbark brush chipper.



When preparing to use a brush chipper equipped with the ChipSafe device, operators must wear ChipSafe work gloves on their hands and



straps on their ankles, or ChipSafe straps on both their wrists and ankles.



If, while feeding the brush chipper, the operator's hands or feet enter the defined ChipSafe sensing zone, sensors in the plates send a signal to interrupt the chipper's feeding mechanism, protecting the operator from possible injury.

By simply swiping a ChipSafe gloved hand or strap across the reset box, the operator is able to reactivate the feeding mechanism with little or no disruption in productivity.

Learn more about the
ChipSafe Operator Safety
Shield and see it in action at
www.morbark.com/getchipsafe.

MODELS, FEATURES AND OPTIONS FOR EVEN THE MOST CHALLENGING CHIPPING JOB

Morbark® introduced the first Eger Beaver chipper in 1979, and has led the industry ever since. We offer a full line of Morbark Beaver™ tree and brush chippers in a range of sizes and in several configurations – drum or disc, electric or diesel, tracks or tires – and some models include chip box combo, loader or infeed bed. The M8D, M12R and M15R are available with PTO (power take-off), giving you the added convenience of providing power from an external machine. Add to these choices a wide variety of available options, and you've got the flexibility to customize the perfect chipper for your particular needs.

All models are aggressive, highly productive, and engineered to give you the power and features you need to maximize output and enhance your profitability. In addition, they:

- Are compact for easy transportation between job sites
- Are durable and long-lasting
- Are known for high resale value

Morbark Beaver tree and brush chippers offer many unique features that make various models ideal for rental yards, landscapers, golf courses, pruning crews, orchard maintenance

professionals, homeowners, utility line clearing, start-up tree services, residential tree services, municipalities, right-of-way clearing, highway clean-up, hard-to-reach areas, maintenance contractors, lot and land clearing, biomass production and more. And, as a member of the American Rental Association and Tree Care Industry Association, Morbark maintains key contacts that help us to listen and respond to your changing needs. These are just some of the reasons that Morbark is the largest and most respected name in tree and brush chipping.

Take a look at some of the **unique Morbark features** that **help** you reduce downtime, **increase your profit** per job, **boost resale value**, and **gain peace of mind**.



[1] Morbark Variable Force™ hydraulic down pressure system

(M15R, M18R and M20R)

The patent-pending Morbark Variable Force hydraulic down pressure system acts on the top feed-wheel, providing 450 to 700 lbs. of hydraulic crushing power, depending on the model, to easily manage crotched material. In addition to this perpetual down pressure, the system can manually apply 1,000 more pounds of hydraulic crushing power.

[2] Reversing automatic feed system

(all models except the M6R and M8D, optional on M12D)

The reversing automatic feed system with auto-sense operates by sensing the engine's RPM, and momentarily stops and reverses material feeding, reducing wear on the knives and increasing their life.

NOTE: Beaver M6R and Beaver M8D are equipped with standard auto-feed system.

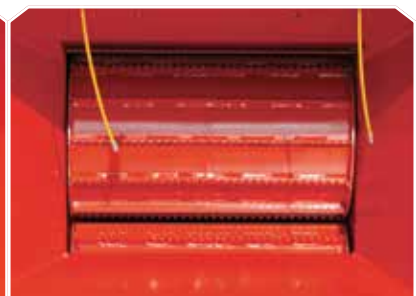
[3] Top feed-wheel compression system

(all models except the M6R, M8D and M12R)

The Morbark TorqMax™ chain-and-sprocket-driven top feed-wheel compression system amplifies the top feed-wheel torque two to three times higher than with a direct-driven hydraulic motor. It provides additional hydraulic pulling force to power through stubborn material, improving feeding efficiency, increasing operator safety, and reducing labor. The M20R features the Morbark TorqMax Plus™ system, with larger-displacement hydraulic motors and even greater hydraulic pulling force.

[4] Feed wheels

The feed wheels use a serrated tooth and knife bar combination for positive feeding efficiency, and feature end caps and ripper teeth to save time and money by minimizing the chance of material wrapping around the feed-wheel shaft.





PTO: M8D, M12R, M15R



M6R



M8D



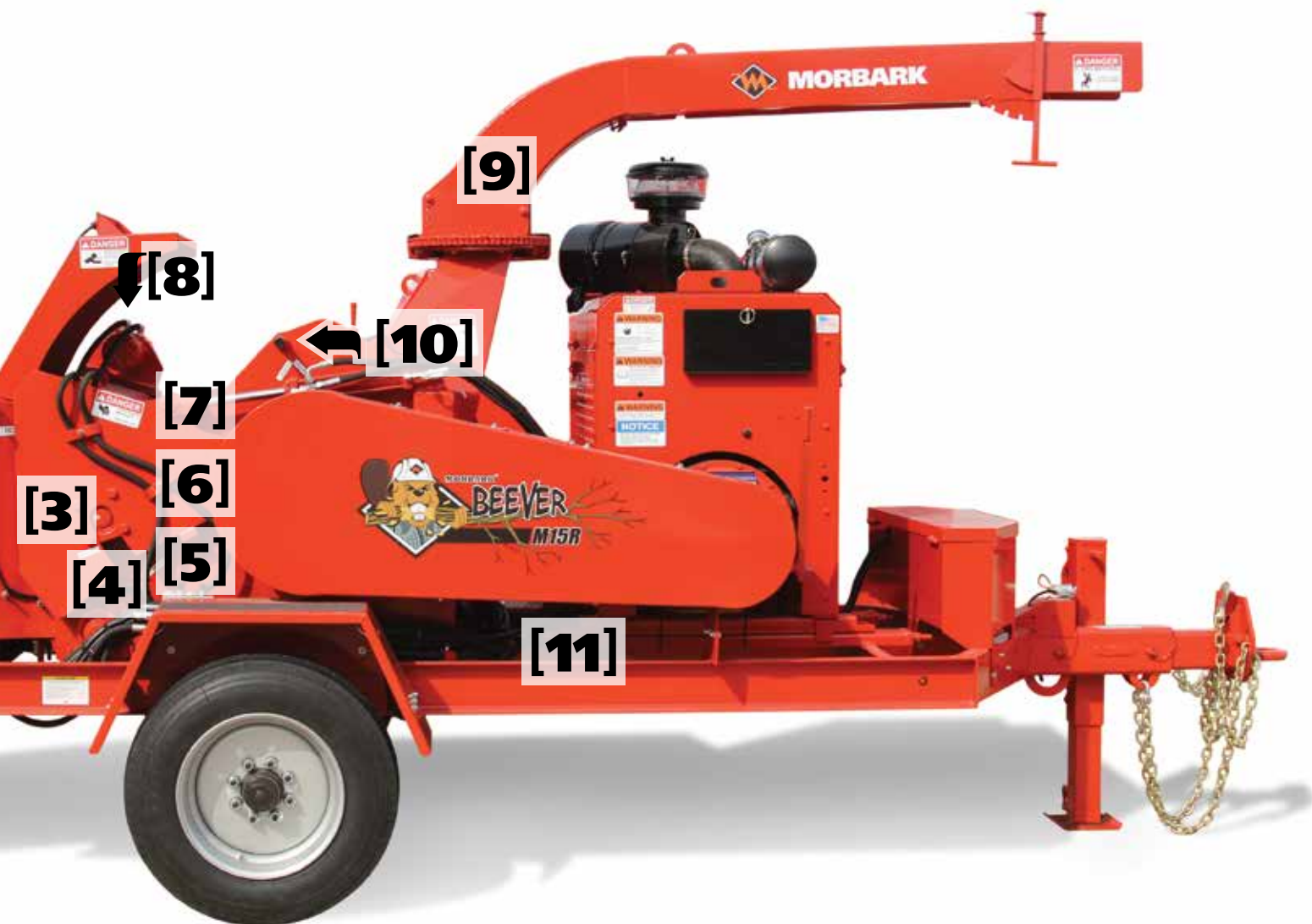
M12D



M12R



M15RX



[5] Chipper drum ("R" models)
The 1/2"-thick chipper drum skins feature internal baffle assemblies, staggered knife pockets and B-LOC® couplings, enhancing drum integrity, feeding characteristics, knife life and chip quality.

[6] Chipper disc ("D" models)
The heart of the "D" models is their chipper disc – long recognized for quality and performance. Morbark chipper discs are fabricated from ultrasonically tested and certified plate steel that meets ASTM A36 standards. Discs are processed to perfection to provide high-quality, superior performance for years to come.

[7] Patented air impeller system
Morbark's patented air impeller system is integrated into the chipper housing, providing controlled air flow into the chipper transition and discharge. It helps carry light, leafy material; allows higher chip-discharge velocity; and enables more material to be packed in the truck, reducing the number of trips required to dump chips.

[8] Hydraulic tank inspection cover
Morbark's exclusive hydraulic tank inspection cover helps you easily maintain the hydraulic system, reducing time and expense when maintenance is required.





M15R



M18RX



M18R, single axle



M18R, tandem axle



M20R

Morthane paint

Every Morbark tree care product is finished with Morthane paint – an electrostatically applied, multi-component, chemically cured coating system with military-grade resins. Morthane paint has an excellent gloss finish with greater durability, chip resistance and corrosion protection, as well as chemical resistance to antifreeze, diesel fuel and hydraulic fluid. Optionally, you can specify a custom color, and it will last, thanks to the paint's built-in UV protection.



Removable knife holders

(M15R, M18RX, M18R and M20R)

The removable knife holders can be easily replaced when worn or damaged, saving you time and money, and allowing the use of single-edged, Babbitt-style knives.



Operator's station (M20R with loader)

Morbark's exclusive operator's seat and platform provides a 270° bird's-eye view of the chipping operation, and optionally includes ground-mounted operator controls. The station enhances operator safety, reduces operator fatigue, and increases operating performance.



Forestry package (M20R)

Our high-performance M20R model built heavier in critical wear areas provides optimal performance for in-woods chipping. Easily filling a 53' trailer and sustaining four to five loads per day, this hard-working chipper is the perfect option for those looking to enter the biomass market with low startup costs.



[9] 360° manual discharge

The 360° manual discharge turns easily and locks in several transport and operating positions. No tools are needed to turn it, saving time and effort. A hydraulic swivel discharge is optional on the M12R, M15RX, M15R, M18RX and M18R, and standard on the M20R.

[10] Hood safety device

A two-pin, rubber isolated safety plug promotes operator safety by preventing the engine from being started if the plug is removed from its socket.

[11] Channel steel frame

(all models except the M6R, M8D, M18R and M20R)

The 8.2 lb., 6" channel steel frame extends beneath the infeed table for maximum structural support to provide maximum structural stability for years of trouble-free operation while maintaining low unit weight.

[+] Additional options

Customize your Morbark Beever with a variety of options: ChipSafe™ Operator Safety Shield, variable-speed flow control, paint and logo packages, material pushing tool, engine e-stop, winch package and much more.

When you choose Morbark, you get more than just the best tree and brush chipper in the industry.

You also get the benefit of more than a half-century of experience, unmatched expertise in chipping, and world-class parts, service and support. Morbark has a global network of dealers that ship, start up and support our equipment, wherever you are. If you need a replacement part, you get it when and where you need it. If you have a problem, our service team gets you up and running quickly, saving you time and money.

Create new opportunities with a Morbark Beever. Give us a call now at **800-831-0042**, or visit us at www.morbark.com for more information, including spec sheets and videos, and to find a dealer near you.





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MORBARK® BEEVER™



M6R

Length (transport) 13'7"
Height 6'3"
Width 4'8"
Gross weight 1,770 lbs.
Horsepower 25 HP



M8D

Length (transport) 11'10"
Height 7'4"
Width 5'3"
Gross weight 2,700 lbs.
Horsepower 35 – 44 HP



M12D

Length (transport) 16'7"
Height 8'2"
Width 6'
Gross weight 5,350 lbs.
Horsepower 84 – 130 HP



M12R

Length (transport) 15'4"
Height 8'5"
Width 5'11"
Gross weight 5,500 lbs.
Horsepower 49 – 130 HP



M15RX

Length (transport) 16'5"
Height 8'10"
Width 6'11"
Gross weight 6,100 lbs.
Horsepower 80 – 142 HP



M15R

Length (transport) 17'11"
Height 8'11"
Width 7'3"
Gross weight 8,900 lbs.
Horsepower 130 – 170 HP



M18RX

Length (transport) 18'4"
Height 9'4"
Width 7'8"
Gross weight 9,550 lbs.
Horsepower 130 – 170 HP



M18R

Length (transport) 19'8"
Height 9'6"
Width 7'7"
Gross weight (single axle) 11,000 lbs.
Gross wt. (dual wheel or tandem axle) 13,000 lbs.
Horsepower 130 – 275 HP



M20R

Length (transport) 21'2"
Height 10'1.5"
Width 8'5.5"
Gross weight 14,700 lbs.
Horsepower 305 – 400 HP

NOTE: Equipment specifications are approximate and may change, based on options chosen or equipment updates. Find out more at www.morbark.com.