

Contact Information

Website:

Company Name	Morbark, Inc.
Doing Business as (if applicable)	
Contact Person for Solicitation Response	Wayne Watts
Phone	(800) 831-0042 ext. 1420
Email	wayne.watts@morbark.com
Fax	(989) 866-2280
Address For Purchase Orders-Number & Street-Post Office Box (some companies have ordering addresses that are different than the payment address)	8507 S. Winn Road
City, State, Zip	Winn, MI 48896
Contact Person for Contract/Ordering/Price Information/Equipment Additions/Changes/Discontinuations	
Contact Name	Same as above
Phone	
Fax	
Email	
Secondary Contact for Contract/Ordering	
Phone	
Fax	
Email	
Address For Payment-Number & Street-Post Office Box (some companies have a different Payment/remittance address than the ordering address)	
City, State, Zip	
Contact Person/Department for payment	Accounting Department
Phone	(800) 831-0042
Fax	(989) 866-2280
Email	accounting@morbark.com
Counties You can provide products/warranty service/repair parts to	<u> X </u> All counties in Oklahoma OR just these counties: _____
(include any special conditions, such as territory or district maps on a separate sheet)	
Payment Discount (i.e. 15 days)	Please state any discount applied if paid and within what time frame. None
Supplier will be responsible for notifying the contracting officer when the contact information changes.	Notes: (Special ordering instructions-please attach any special instructions on a separate sheet)

Please Note:

- The pricing I included is a sample for three (3) Tree Care Products, but we are bidding our full line of TCP products which can be found in the enclosed brochure.
- The same is true for our Industrial products, I included two (2) machines but we will be bidding our full line of Tub Grinders and Horizontal Grinders.
- The extended warranty is available on all models and there is not a set price it varies on the model and type requested. For TCP models it will extend to three (3) years and for Industrial five (5) years.

If a manufacturer submitting a response, a list of certified dealers within the State of Oklahoma authorized to sell and service your products

Copy of Oklahoma Motor Vehicle Commission license if applicable to the products you sell.

Copy of Certificate of Good Standing (If required to be registered with the Secretary of State of Oklahoma)

Attachments

G. OTHER

None

H. PRICE AND COST

The State of Oklahoma is requesting pricing for Agriculture, Trees, and Brush Maintenance Equipment. The pricing matrix is a percentage off the Manufacturer's list price. Vendors can submit actual pricing schedules for their equipment though, with the percentage discount already figured, as long as the discount is clearly stated as well as the pricing minus the discount. Also, please provide the current manufacturer's price list used as a basis for the pricing schedules if you submit pricing with the discount already figured in. Attachments have been provided in Microsoft Word and Adobe PDF.

The State of Oklahoma has been a leader in the push for State use of CNG-powered vehicles. If you have products that are fueled by means other than gas or diesel fuel, and that are considered environmentally friendly, please include them in your response.

Manufacturers responding please include a listing of Distributors/Dealers for the State of Oklahoma to include Name of business, Address, contact names, phone numbers, fax numbers, email addresses and websites.

Vendors may submit specifications for all equipment bid, as well as options available. Please submit these specifications on a cd or dvd or flash drive. It is preferred that vendors have a website where customers can go and view the products. The Central Purchasing Statewide Contract website will be updated as necessary.

The manufacturer's price list date that you are being asked to provide is considered the "starting point" of the contract and is to be used as a measurement of price increases throughout the contract. (i.e. at the end of the contract year, the purchases will be compared to annotate any price changes that were made.) You will be expected to provide brochures and descriptive literature to those customers who request it and the contracting officer responsible for the maintenance of the contract. Although you will not be required to send actual pricing sheets as the prices are updated, you will be required to notify the contracting officer when there are price changes and a note will be made to the website where your contract will be located.

The Vendor will be expected to notify the Contracting Officer of any changes in the Company status, such as mergers, sell offs, discontinuation of equipment, addition of equipment lines and changes in the contact information for the contract. It is imperative that the Contracting Officer be able to contact someone at all times during business hours, especially when helping an entity make a decision on equipment they want to purchase.

With the age of technology, customers are more likely to use the internet to research the equipment they are interested in buying. We will put a link to your website on the contract website. Please provide a guide to the use of your website if you require a name and password to access current pricing, if listed, at no subscription cost to the State of Oklahoma. Also, please provide any additional enhancements such as any special ordering features available to users or a site with pricing specific to the Oklahoma contract even though we are not requiring you to offer a direct link to the Oklahoma-specific contract pricing or your current price lists.

Website: www.morbark.com

Log-in required? Yes No

Government entities who will be buying from this contract will be expected to provide their accounting offices with a pricing sheet or pricing sheet reference date at the time they prepare their payment method. This pricing sheet will clearly state the Price Book/Catalog Number and Date. This sheet is to be attached to the quote provided by the Vendor. The quote will reference the Statewide contract number being used for the purchase. All set up charges, testing, and freight charges are to be included in the quote as separate line items.

Discounts offered will remain the same or can be increased throughout the contract period. Multiple Unit discounts are encouraged.

OEM Repair Parts: 0 % After Market Parts: 0 %

Extra manuals, warranties and tools:

Electronic (cd, dvd) Repair Parts manual: 0 % "Hard Copy" Repair parts manual: 0 %

Electronic (cd, dvd) Operator Manual: 0 %

"Hard Copy" Operator's manual: 0 %

Electronic (cd, dvd) Service Manual: 0 %

'Hard Copy" Service Manual: 0 %

Extended Warranty offered? Yes No
warranty purchase. Discount offered 5 %

If yes, please attach information for the extended



Be Safe. Get ChipSafe.™

Introducing 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 introduction of the patented ChipSafe Operator Safety Shield as a true testament to this commitment.

Here's what Tree Care Professionals are saying about the ChipSafe™ Operator Safety Shield

"This device will stop the infeed if you put your hand or foot in the infeed chute past the safety plane. It is easily restarted if you do trip it, virtually not losing any productivity, and most importantly, keeping the operator safe."

— Jeff Buchanan

Jeff Buchanan Tree Service

"The safety device is a good tool to keep guys from getting too close to the feed wheel. Plates are a very good idea."

— J. Johnson

Kappen Tree Service

"This helps us a lot, because it's protecting us. . . . It is providing us the security we need."

— Fernando DeOra

Jeff Buchanan Tree Service



OPERATOR SAFETY » *The Next Level*



MORBARK®



TAKING OPERATOR SAFETY TO **The Next Level**



In an industry that has inherent risks, tree care workers must be diligent in adhering to safe operating practices when using a mobile brush chipper. Such practices include never operating a chipper alone and always wearing Personal Protection Equipment (PPE). In addition to the typical PPE items like head, eye, and ear protection, Morbark now offers the patented ChipSafe™ Operator Safety Shield.

Here's how it works:

The ChipSafe Operator Safety Shield device 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 ChipSafe 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.

A reset sensor box is located on the outer sides of the infeed chute. By simply swiping their gloved hand or the strap on their wrist across the reset sensor box, the operator is able to reactivate the feed mechanism and continue the chipping operation with little or no disruption in productivity.



For complete ChipSafe operating instructions, refer to the operator's manual. In addition, we highly recommend that all members of your chipping crew complete the Tree Care Industry Association's Chipper Operator Specialist credentialing program. For a current list of training dates go to tcia.org/training/tree-care-academy.

Learn more about how the ChipSafe Operator Safety Shield can help protect you and your workers, and see it in action at www.morbark.com/getchipsafe.

2014 MORBARK 1100 TUB GRINDER

EQUIPMENT AND OPTIONS

STANDARD UNIT:

- ♣ Hammermill system complete with hammers and inserts
- ♣ Discharge system consisting of dual augers discharging onto a stacking conveyor belt
- ♣ One set of screens (specify screen size)
- ♣ Tandem-axle trailer with fifth wheel towing arrangement
- ♣ M.I.C.S. (Morbark Integrated Control System) located in the instrument panel
- ♣ Dust suppression system
- ♣ Tub cover for debris containment

- ♣ Remote control

STANDARD	State of Oklahoma
\$ 258,900.00	\$ 233,010.00

POWER OPTION (SELECT ONE):

- ♣ Caterpillar C18, Tier III engine, 600-HP
- ♣ John Deere 6135H, Tier III engine, 600-HP
- ♣ Caterpillar C18, Tier III engine, 700-HP

FACTORY	
\$ 134,300.00	\$ 120,870.00
\$ 117,500.00	\$ 105,750.00
\$ 150,800.00	\$ 135,720.00

CLUTCH OPTION (SELECT ONE):

- ♣ Twin Disc 318 dry clutch (rated 501-HP to 1050-HP)
- ♣ Twin Disc HP300 hydraulic clutch (rated up to 750-HP)
- ♣ PT Tech HPTO14FX hydraulic clutch (rated 400-HP to 765-HP)

FACTORY	
\$ 15,900.00	\$ 14,310.00
\$ 26,900.00	\$ 24,210.00
\$ 31,600.00	\$ 28,440.00

DRIVE LINE PROTECTION (OPTIONAL):

- ♣ Brunel break-away torque limiter (rated above 440-HP)

FACTORY	
\$ 13,500.00	\$ 12,150.00

OPTIONAL EQUIPMENT:

- ♣ Magnetized end pulley for discharge conveyor
- ♣ Model 250 Knuckleboom loader with 30" Tarantula grapple, 360° turn motor and stationary operator's cab in lieu of remote control
- ♣ 12' diameter tub flare
- ♣ Saylor-Beall air compressor with 11-HP Honda motor
- ♣ Low-level hydraulic oil tank warning/shut-down

FACTORY	
\$ 8,800.00	\$ 7,920.00
\$ 88,500.00	\$ 79,650.00
\$ 1,600.00	\$ 1,440.00
\$ 7,200.00	\$ 6,480.00
\$ 1,100.00	\$ 990.00



MORBARK®
BUILDING EQUIPMENT THAT CREATES OPPORTUNITIES



MORBARK® TUB GRINDER

MODELS

950
1000
1100
1200XL
1300B
1600

HEAVY-DUTY INDUSTRIAL TUB GRINDERS 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 market.

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 byproducts.

Customer Testimonials



"We've owned five Morbark tubs – they're great machines! With technology growing so rapidly since our last purchase in 2004, when we went to purchase again, we went to Morbark. My local Morbark rep is very good, too. I even contact him when I have questions about other machines I own. Morbark has a great reputation in our industry. They get a lot of repeat customers, and that speaks for itself. They have been there for us through thick and thin."

Scot Smith
CST Organic Recycling
Redlands, CA



"The dependability of the equipment and parts is excellent. Everything we've come to expect for support from Morbark has been there for us. We've been very happy with our tubs and would buy one again."

Sam Viola
Vico Construction Corp.
Chesapeake, VA



"This machine is easy to feed and easy to operate from the cab of the loader, so one man can really do the whole grinding operation himself. We really like the fact that so many of the functions of the grinder can be monitored from a different location. Now, if we have any issues, it is easy to get on the phone and have someone at the Morbark plant or one of their facilities monitor the machine's performance and identify any problems. That's a lot better than having to make someone come all the way out to Puerto Rico."

William Perez Sr.
PDM Recycling
Palmas del Mar, Puerto Rico

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

Morbark® introduced the first industrial tub grinders in 1990, and has led the industry ever since. We offer the most complete line of tub grinders available, in a range of sizes and in several configurations – with cab and loader (WCL) or no cab and loader (NCL), on tracks or tires, diesel or electric powered. Add to these choices a wide variety of available options, and you've got the flexibility to customize the perfect Morbark Tub Grinder 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 Tub Grinders are designed for the most challenging recycling applications. They excel at processing yard waste, pallets and

other mixed woody feedstocks into saleable products. We've taken the lessons we've learned from decades of experience in the forest products industry, and applied them to the design and manufacture of Morbark Tub Grinders that not only give you best-in-class performance when they're new, but also continue to perform and produce after several thousand hours of demanding work. These are just some of the reasons that Morbark is the largest and most respected name in grinding.



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 Integrated Control System

Morbark Integrated Control System (MICS) monitors hydraulic pressures, temperatures, clutch systems and engine efficiency to maximize performance and decrease downtime. MICS is the ultimate diagnostic tool, allowing onsite and remote troubleshooting – it's like always having a mechanic onboard to look out for and solve problems. It also tracks operational data and fuel usage.

[2] Hydraulic stabilizers

Hydraulic stabilizer legs and optional outriggers (standard on loader-equipped machines) provide superior stability during operation.

[3] Torque limiter protection

When properly maintained, torque limiter protection can help prevent severe damage and catastrophic failure to the driveline and hammermill, saving you money and reducing downtime. It can be easily adjusted for the different materials that you process, and its reaction time is instantaneous.

[4] Hydraulic tub tilt

The hydraulic tub tilt provides access – safe and easy for all personnel – to grates, anvil and hammermill for changing and routine maintenance, reducing downtime so you can keep working and making money.



WHEN YOU CHOOSE MORBARK, YOU GET MORE THAN JUST THE BEST TUB GRINDER IN THE INDUSTRY.

You also get the benefit of more than a half-century of experience, unmatched expertise in waste wood grinding, 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, onsite or remotely, saving you time and money.

Create new opportunities with a Morbark Tub Grinder. 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.



[5] Hammermill

All Morbark Tub Grinders include a pinned rotor system that allows the mill to be set up in a variety of configurations with different hammer patterns, inserts and screen combinations. This versatility enables you to achieve the precise specifications you need for your end product, so you can meet your customers' needs and maximize your profits. The laser-cut rotor, factory-balanced with forged hammers, offers unsurpassed durability and smooth operation.

[6] Hydraulic augers

Durable, hard-surfaced steel hydraulic augers quickly remove product from beneath the mill. During material surges, pressure sensors on the auger system automatically slow tub rotation to prevent stalling. This advanced design feature prevents belts from tearing and slipping when material transitions to the mill, resulting in lower replacement costs and decreased downtime.

[7] Optional cab

The optional all-weather cab, with its six-way adjustable seat, is the most operator-friendly and comfortable cab in the industry. It increases productivity by reducing operator fatigue, and its backlit controls, clearly labeled functions, and all-digital MICS display ensure easy operation.



[8] Optional loader

At Morbark, we manufacture a complete line of hydraulic knuckle-boom loaders for our equipment to ensure that we can offer essential design requirements for loader speed, reach and lift capacity. Building our own loaders also guarantees our customers the quality control and parts availability that they have come to expect from Morbark.

[+] Optional CAT undercarriages

Track models feature CAT undercarriages, providing excellent ground clearance, low ground pressure, and high tracking power, so you can traverse almost any terrain to tackle tougher jobs. Morbark track models can track and grind at the same time, increasing your production and helping you make more money.

[+] Additional options

Customize your Morbark Tub Grinder with a variety of options: magnetized end pulley with collecting slide tray for ferrous metal removal, different grate sizes, hydraulic reversing fan, air compressor, and much more.





MORBARK®
BUILDING EQUIPMENT THAT CREATES OPPORTUNITIES

MORBARK® TUB GRINDER



950

Length (transport) 22'0"
Height (transport) 12'5"
Width 8'4"
Gross weight 13,720 lbs.
Horsepower 174 – 213 HP



1000

Length (transport) 28'1"
Height (transport) 12'11"
Width 8'6"
Gross weight 28,940 lbs.
Horsepower 350 – 540 HP



1100

Length (transport) 37'2"
Height (transport) 12'9"
Width 11'2"
Gross weight 45,720 lbs.
Horsepower 440 – 700 HP



1200XL

Length (transport) 38'2"
Height (transport) 13'6"
Width 11'11"
Gross weight 55,620 lbs.
Horsepower 700 – 875 HP



1300B

Length (transport) 45'0"
Height (transport) 13'6"
Width 11'11"
Gross weight 75,120 lbs.
Horsepower 800 – 1050 HP



1600

Length (transport) 49'9"
Height (transport) 13'6"
Width 12'0"
Gross weight 94,180 lbs.
Horsepower 1050 – 1200 HP

NOTE: Equipment specifications may change, based on options chosen. Current specifications are available at www.morbark.com.

2014 MORBARK 3200 WOOD HOG

EQUIPMENT AND OPTIONS

STANDARD UNIT:

- ♣ Hammermill system complete with hammers and inserts
- ♣ Variable speed infeed system consists of one (1) top compression feed roll and live floor
- ♣ Hammermill drive includes all belts, sheaves, bushings and shields
- ♣ Discharge system consisting of a horizontal belt discharging onto a stacking conveyor belt
- ♣ One set of screens (specify screen size)
- ♣ Tandem-axle trailer
- ♣ M.I.C.S. (Morbark Integrated Control System) located in the instrument panel
- ♣ Dust suppression system
- ♣ Remote control with a tethered remote back-up system

- ♣ Hydraulically operated debris containment door

STANDARD	State of Oklahoma
\$ 239,600.00	\$ 215,640.00

POWER OPTION (SELECT ONE): All engine options include automatic reversing fan

- ♣ John Deere 6135H, Tier III engine, 500-HP
- ♣ **NOTE: Machines equipped with engines larger than 500-HP will be over 8'6"**
- ♣ Caterpillar C15, Tier III engine, 540-HP
- ♣ Caterpillar C18, Tier III engine, 600-HP
- ♣ John Deere 6135H, Tier III engine, 600-HP
- ♣ Caterpillar C18, Tier III engine, 630-HP

FACTORY	
\$ 118,800.00	\$ 106,920.00
\$ 116,000.00	\$ 104,400.00
\$ 120,500.00	\$ 108,450.00
\$ 128,200.00	\$ 115,380.00
\$ 135,700.00	\$ 122,130.00

CLUTCH OPTION (SELECT ONE):

- ♣ Rockford 314 dry clutch (rated 300-HP to 500-HP)
- ♣ Twin Disc 318 dry clutch (rated 501-HP to 1050-HP)
- ♣ Twin Disc HP300 Hydraulic clutch (rated up to 750-HP)
- ♣ PT Tech HPTO14FX hydraulic clutch (rated 400-HP to 765-HP)

FACTORY	
\$ 9,800.00	\$ 8,820.00
\$ 16,600.00	\$ 14,940.00
\$ 26,900.00	\$ 24,210.00
\$ 27,900.00	\$ 25,110.00

DRIVE LINE PROTECTION (OPTIONAL):

- ♣ Externally adjustable torque limiter (rated up to 875-HP)

FACTORY	
\$ 19,100.00	\$ 17,190.00

OPTIONAL EQUIPMENT:

- ♣ 320L Caterpillar undercarriage in lieu of standard trailer standard with double grousers
- ♣ **NOTE: Equipped with hydraulically operated folding infeed extension**
- ♣ 320L Caterpillar undercarriage in lieu of standard trailer with single grousers and rock guards
- ♣ Hydraulic rod puller
- ♣ Magnetized end pulley for discharge conveyor
- ♣ Saylor-Beall split air compressor with 11-HP Honda motor
- ♣ 12-Knife chipper drum in addition to standard hammermill
- ♣ Low-level hydraulic oil tank warning/shut-down

FACTORY	
\$ 75,000.00	\$ 67,500.00
\$ 83,000.00	\$ 74,700.00
\$ 4,900.00	\$ 4,410.00
\$ 10,000.00	\$ 9,000.00
\$ 7,500.00	\$ 6,750.00
\$ 27,200.00	\$ 24,480.00
\$ 1,200.00	\$ 1,080.00



MORBARK®
BUILDING EQUIPMENT THAT CREATES OPPORTUNITIES



MORBARK® WOOD HOG

MODELS

- 2600
- 3200
- 3800
- 3800XL
- 4600XL
- 6600
- 7600

HEAVY-DUTY INDUSTRIAL HORIZONTAL GRINDERS 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.

Customer Testimonials



"Morbark equipment sets the standard. It is well engineered and well built. In this business, you have to run an efficient operation. Morbark delivers that efficiency and the product specifications our customers are looking for, particularly in the biomass fuel chip and sawdust area. We've been around for 21 years and have run Morbark equipment for the last eight. We regularly test-run competitive brands. We continue to place our trust in Morbark today."

Art Saylor
Art Saylor Logging
Oak Hill, OH



"That's one of the real strengths of the 4600XL: its ability to give us high-quality recycled asphalt shingles and do so consistently. On a regular basis, we are generating anywhere from 28 to 34 loader buckets of material per hour. That translates to anywhere from 70 to 110 tons/hour of excellent product created by a single pass through the grinder. We've been extremely satisfied with what we're getting with the Morbark unit."

Jeff Wanic
Sustainable Pavement Technologies
Houston, TX



"Some of the sites were newer developments, so all the contractor had to do was create piles for us to access with the Track Wood Hog. That was much better than bringing the material to the machine, and allowed us to maintain that three-truck-an-hour pace."

George Partlow (left, with Wesley, Stephanie, & Emily Partlow)
Green Waste Recyclers
Culpeper, Virginia

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

We offer a full line of Morbark® Wood Hog horizontal grinders in a range of sizes, on tracks or tires, diesel or electric-powered. Add to these choices a wide variety of available options, and you've got the flexibility to customize the perfect grinder 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 reliable under even the most extreme conditions
- Are durable and long-lasting
- Are known for high resale value

The Wood Hog is the best industrial-grade grinder you can get for processing brush, yard waste, clearing debris, storm debris, C&D waste, other mixed woody feedstocks, and asphalt shingles into saleable products. The proven

breakaway torque limiter protection system protects against catastrophic damage from contaminants, so you can make money and not spend it on frequent repairs and replacement equipment. And with the optional Morbark Quick Switch Grinder-to-Chipper Conversion Kit, you can use your Morbark Wood Hog to produce high-quality – and highly profitable – biomass fuel chips or sawdust. These are just some of the reasons that Morbark is the largest and most respected name in grinding.



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] Dual-belt discharge system

All Morbark Wood Hog models except the 2600 use a dual-belt discharge system with slick-back belly belt. This improves tracking, reduces wear, and keeps your Morbark Wood Hog running better, with less need for maintenance. It also gives you the option to use a pivot conveyor.

[2] Morbark Integrated Control System

Morbark Integrated Control System (MICS) monitors hydraulic pressures, temperatures, clutch systems and engine efficiency to maximize performance and decrease downtime. MICS is the ultimate diagnostic tool, allowing onsite and remote troubleshooting – it's like always having a mechanic onboard to look out for and solve problems. It also tracks operational data and fuel usage.

[3] Torque limiter protection

When properly maintained, torque limiter protection can help prevent severe damage and catastrophic failure to the driveline and hammermill, saving you money and reducing downtime. It can be easily and quickly adjusted for the different materials that you process, and its reaction time is instantaneous. All Morbark Wood Hog models include Morbark's exclusive externally adjustable safety element. This advanced feature enables you to reduce the torque for easy release when you grind heavily contaminated material, or tighten it to grind uncontaminated material, without special tools.

[4] Grates

Each Morbark Wood Hog uses two to five grates, giving you multiple variations for a better end product, as well as easy access for changing grates, saving you valuable time and money.





2600



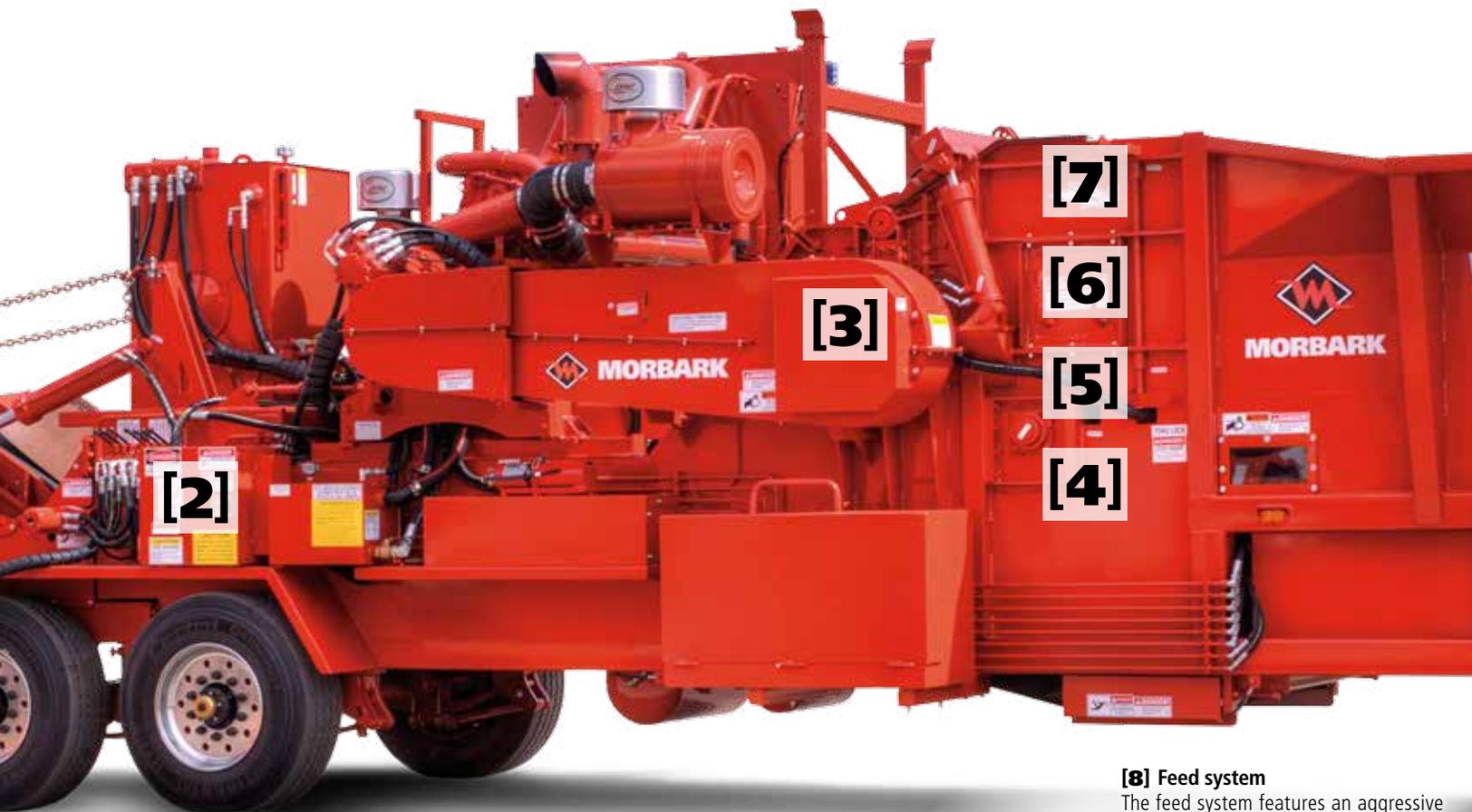
3200



3800



3800XL



[5] Hammermill

All Morbark Wood Hogs include a pinned rotor system that allows the mill to be set up in a variety of configurations with different hammer patterns, inserts and screen combinations. This versatility enables you to achieve the precise specifications you need for your end product, so you can meet your customers' needs and maximize your profits. The laser-cut rotor, factory-balanced with forged hammers, offers unsurpassed durability and smooth operation.

[6] Solid anvil

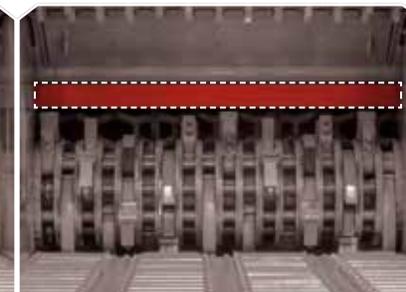
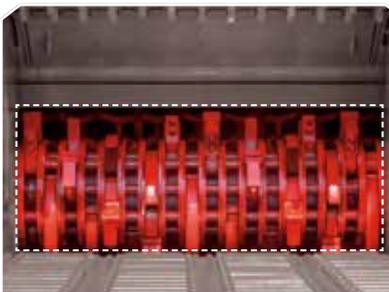
A one-piece, slide-through anvil eliminates bolts and other unnecessary hardware in the grinding chamber.

[7] Top pivoting feed-wheel

The Morbark Wood Hog's pivoting feed-wheel allows you to better contain material, creating a safer working environment and the ability to take on more work, including applications where traffic is present, such as roadside and mulch jobs.

[8] Feed system

The feed system features an aggressive feed wheel with an internal planetary drive that has no chains or sprockets, giving you more torque, greater durability, and less need for maintenance. The infeed bed uses heavy-duty, long-lasting WDH infeed chain. The wide, unobstructed feed openings work with a live infeed and the feed wheel to process large, bulky and tangled material, allowing you to grind full-length logs without investing the time and expense needed to cut them, and giving you a positive feed for a consistent product.





4600XL



6600



7600



When you choose Morbark, you get more than just the best horizontal grinder in the industry.

You also get the benefit of more than a half-century of experience, unmatched expertise in wood processing, 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, onsite or remotely, saving you time and money.

Create new opportunities with a Morbark Wood Hog horizontal grinder. 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.

[+] Optional Morbark Quick Switch Grinder-to-Chipper Conversion Kit

All Morbark Wood Hogs are available with the optional Morbark Quick Switch, which converts your grinder to a chipper in less than a half day, without special tools or heavy equipment. The Morbark Quick Switch lets you produce high-quality biomass fuel chips or sawdust – virtually doubling your market opportunities without having to buy a second machine.

- Thick, high-quality steel for superior durability
- All knife pockets are identical, so you don't need to balance them in the field
- Knife pattern is adjustable, saving you the expense of a whole pocket/knife assembly

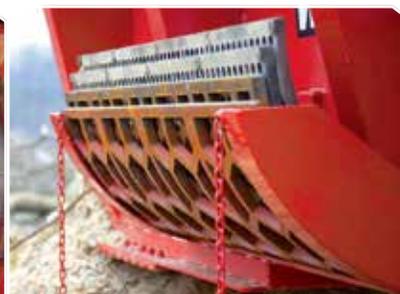
[!] Attention to detail

Morbark's attention to detail is evident in the meticulous craftsmanship of the Morbark Wood Hog. Our craftsmen – some of the most seasoned and highly skilled in the industry – use only the finest components and materials. Each pipe is hand-bent to precise uniformity, each hammer in the hammermill is forged to exacting specifications – it's this kind of painstaking care that has given us our reputation for making the best horizontal grinders available.

[+] Additional options

Customize your Morbark Wood Hog with a variety of options: magnetized end pulley with collecting slide tray for ferrous metal removal, different grate sizes, hydraulic reversing fan, hydraulic rod puller, air compressor, ESPAR heater, and much more.

[+] Optional CAT undercarriages
Track models feature CAT undercarriages, providing excellent ground clearance, low ground pressure, and high tracking power, so you can traverse almost any terrain to tackle tougher jobs. Morbark track models can track and grind at the same time, increasing your production and helping you make more money.





MORBARK®
BUILDING EQUIPMENT THAT CREATES OPPORTUNITIES

MORBARK® WOOD HOG



2600

Length (transport) 33'8"
Height (transport) 11'6"
Width 7'10"
Gross weight 30,660 lbs.
Horsepower 150 – 300 HP



3200

Length (transport) 36'1"
Height (transport) 12'7"
Width 8'6"
Gross weight 50,180 lbs.
Horsepower 440 – 600 HP



3800

Length (transport) 38'8"
Height (transport) 13'2"
Width 10'8"
Gross weight 57,420 lbs.
Horsepower 440 – 700 HP



3800XL

Length (transport) 38'8"
Height (transport) 13'2"
Width 10'8"
Gross weight 71,540 lbs.
Horsepower 700 – 800 HP



4600XL

Length (transport) 42'0"
Height (transport) 13'3"
Width 10'11"
Gross weight 75,660 lbs.
Horsepower 800 – 1,050 HP



6600

Length (transport) 44'11"
Height (transport) 13'0"
Width 10'8"
Gross weight 91,440 lbs.
Horsepower 875 – 1,125 HP



7600

Length (transport) 47'0"
Height (transport) 13'4"
Width 11'0"
Gross weight 106,500 lbs.
Horsepower 1,050 – 1,125 HP

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

2015 MORBARK BEEVER™ M12R

EQUIPMENT AND OPTIONS

STANDARD UNIT:

- ♣ 12" chipping capacity
- ♣ Morthane Paint System: A chemically cured, electrostatically applied, two component industrial urethane topcoat with a two component urethane primer and military grade resins for resistance to anti-freeze, diesel fuel and hydraulic oil spills - system provides an excellent gloss finish, superior color retention, chip resistance and corrosion protection
- ♣ 60" wide x 31" high rigid infeed chute opening with 15" wide x 12" high throat opening, 4 position control handle to actuate feed wheels and includes dual safety cables
- ♣ Dual horizontal feed wheel compression system with hydraulic lift assist, spring assisted down pressure and manually applied hydraulic down pressure at the valve handle
- ♣ Reversing automatic feed system
- ♣ 21-3/8" diameter x 14-1/2" wide staggered knife pocket drum with two (2) dual-edged chipper and dual sided chambered air impeller system
- ♣ 24-1/2-gallon lockable fuel tank with drain plug, sight gauge and shut-off valve
- ♣ 17-gallon lockable hydraulic reservoir with sight gauge, drain plug and clean-out cover
- ♣ Live hydraulics; ball valve, pump, motor and control valve
- ♣ 360° manual crank, height-adjustable, swivel discharge chute with adjustable flipper end to deflect chips
- ♣ 8.2#, 6" channel frame rails with 6" x 2" tubular steel cross bracing for additional structural rigidity
- ♣ 3" x 5" tubular steel telescoping drawbar with (2) 12" extensions, adjustable hitch plate with 2-1/2" pintle ring and 3/8" thick safety chains with clasp hooks
- ♣ 6000# Torflex suspension axle, electric brakes and break-away actuator with LT245/75R x 16" radial tires with rims and hexagon splash guard fenders
- ♣ 5000# tongue jack with stationary foot pad
- ♣ Lockable steel battery box with 8D, 1400CCA battery
- ♣ Lockable plastic tool box
- ♣ Registration and operator guide holder
- ♣ Complete set of manuals including: Parts, Safety and Operator's Manual with electronic back-up, safety DVD, start-up paperwork, engine manual and OEM component manuals
- ♣ Enclosed engine with gauge panel, radiator fines screen and slide rails for belt adjustment
- ♣ Trailer wiring package includes: 7-pin flat electrical connector, LED tail lamps, LED side marker lamps and license plate holder with light
- ♣ Extended tail light mounts (rabbit ear style) mounted on infeed top

	RETAIL	State of Oklahoma
	\$ 23,335.00	\$ 19,834.75

POWER OPTION:

- ♣ Kubota V3600T, Tier 4i, 74-HP Diesel Engine
- ♣ Caterpillar C4.4, Tier III, 97-HP **OR** Perkins 1104D, Tier III, 97-HP Diesel Engine (**PLEASE SPECIFY**)
- ♣ Caterpillar C4.4, **OR** Perkins 1104D, Tier III, 114-HP Diesel Engine (**limited supply**)
- ♣ GM 3.0L, 89-HP Gasoline Engine
- ♣ Caterpillar C4.4, Tier III, 97-HP **OR** Perkins 1104D, Tier III, 97-HP Diesel Engine (**PLEASE SPECIFY**)
- ♣ Caterpillar C4.4, Tier III, 97-HP **OR** Perkins 1104D, Tier III, 97-HP Diesel Engine (**PLEASE SPECIFY**)
- ♣ Caterpillar C4.4, **OR** Perkins 1104D, Tier III, 114-HP Diesel Engine (**limited supply**)
- ♣ GM 3.0L, 89-HP Gasoline Engine
- ♣ Caterpillar C4.4, Tier III, 97-HP **OR** Perkins 1104D, Tier III, 97-HP Diesel Engine (**PLEASE SPECIFY**)
- ♣ Caterpillar C4.4, **OR** Perkins 1104D, Tier III, 114-HP Diesel Engine (**limited supply**)
- ♣ GM 3.0L, 89-HP Gasoline Engine
- ♣ GM 4.3L, 130-HP Gasoline Engine

	RETAIL	
	\$ 17,800.00	\$ 15,130.00
	\$ 20,925.00	\$ 17,786.25
	\$ 21,940.00	\$ 18,649.00
	\$ 13,545.00	\$ 11,513.25
	\$ 16,045.00	\$ 13,638.25
	\$ 18,480.00	\$ 15,708.00
	\$ 16,290.00	\$ 13,846.50
	\$ 22,105.00	\$ 18,789.25
	\$ 23,830.00	\$ 20,255.50
	\$ 37,100.00	\$ 31,535.00
	\$ 32,155.00	\$ 27,331.75
	\$ 31,260.00	\$ 26,571.00

NOTES

*All engines include over center clutch and block heater and are subject to availability
Call factory for Tier 4i and Tier 4 pricing*

2015 MORBARK BEEVER™ M12R

OPTIONAL EQUIPMENT:

	RETAIL	
♣ 2" ball hitch	\$ 195.00	\$ 165.75
♣ 2-5/16" ball towing hitch	\$ 195.00	\$ 165.75
♣ Aluminum diamond plate fenders	\$ 300.00	\$ 255.00
♣ Aluminum diamond plate toolbox	\$ 80.00	\$ 68.00
♣ Amber strobe light	\$ 90.00	\$ 76.50
♣ Bottom bump bar	\$ 1,720.00	\$ 1,462.00
♣ 8 Cubic yard chip dump box	\$ 9,925.00	\$ 8,436.25
♣ ChipSafe Operators Safety Shield (includes (2) sets of gloves and (2) sets of straps)	\$ 3,675.00	\$ 3,123.75
♣ Chocks and chock holders (Complete Set)	\$ 210.00	\$ 178.50
♣ Cone holder, lockable to hold (10) 28" long traffic cones	\$ 145.00	\$ 123.25
♣ Discharge clean-out door (BOTTOM)	\$ 105.00	\$ 89.25
♣ Discharge clean-out door (SIDE)	\$ 135.00	\$ 114.75
♣ Electronic fuel gauge located near control panel	\$ 170.00	\$ 144.50
♣ Engine stop on infeed	\$ 290.00	\$ 246.50
♣ Folding infeed tray	\$ 495.00	\$ 420.75
♣ Knife saver tool	\$ 40.00	\$ 34.00
♣ Manuals - complete, additional set	\$ 315.00	\$ 267.75
♣ Pusher paddle with mount	\$ 210.00	\$ 178.50
♣ Radiator brush guard	\$ 415.00	\$ 352.75
♣ Rubber infeed curtain (clear poly), complete with pulleys and safety cables	\$ 475.00	\$ 403.75
♣ Spanish safety decals in addition to English safety decals	\$ 235.00	\$ 199.75
♣ Spare LT245/75R x 16" tire and rim	\$ 445.00	\$ 378.25
♣ Spare tire mount	\$ 235.00	\$ 199.75
♣ Special color Morthane paint, in lieu of standard Morbark orange	\$ 470.00	\$ 399.50
♣ Special color metallic paint, in lieu of standard Morbark orange	\$ 835.00	\$ 709.75
<i>Morbark is not responsible for final color or shading</i>		
♣ Turnbuckle for discharge height adjustment	\$ 280.00	\$ 238.00
♣ Variable speed flow control	\$ 355.00	\$ 301.75
♣ Winch package: heavy-duty, 5000# pull capacity with rope and 10' chafe guard	\$ 4,670.00	\$ 3,969.50

2015 MORBARK BEEVER™ M15R

EQUIPMENT AND OPTIONS

STANDARD UNIT:

- ♣ 15" chipping capacity
- ♣ Morthane Paint System: A chemically cured, electrostatically applied, two component industrial urethane topcoat with a two component urethane primer and military grade resins for resistance to anti-freeze, diesel fuel and hydraulic oil spills - system provides an excellent gloss finish, superior color retention, chip resistance and corrosion protection
- ♣ 56" wide x 37" high rigid infeed chute with 20" wide x 15" high throat opening, 4 position control handle to actuate feed wheels and includes dual safety cables
- ♣ 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
- ♣ Reversing automatic feed system
- ♣ 30" diameter x 23-3/4" wide four (4) knife staggered knife pocket drum with removable knife holders and dual sided chambered air-impeller system
- ♣ 32-gallon lockable fuel tank with drain plug, sight gauge and shut-off valve
- ♣ 12-gallon lockable hydraulic reservoir with sight gauge, drain plug and clean-out cover
- ♣ 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 crank, height-adjustable, swivel discharge chute with adjustable flipper end to deflect chips
- ♣ 8.2#, 6" channel frame rails with 2" x 6" tubular steel frame with cross bracing for additional structural rigidity
- ♣ 3" x 5" tubular steel telescoping drawbar with (2) 12" extensions, adjustable hitch plate with 2-1/2" pintle ring and 3/8" thick safety chains with clasp hooks
- ♣ 9000# Torflex suspension axle, electric brakes and break-away actuator with 215/75R x 17.5", 16-ply radial tires with rims and hexagon splash guard fenders
- ♣ 10,000# tongue jack with stationary foot pad
- ♣ Lockable steel combination tool and battery box compartment with 8D, 1400CCA battery
- ♣ Registration and operator guide holder
- ♣ Complete set of manuals including: Parts, Safety and Operator's Manual with electronic back-up, safety DVD, start-up paperwork, engine manual and OEM component manuals
- ♣ Enclosed engine with gauge panel, radiator fines screen and slide rails for belt adjustment
- ♣ Trailer wiring package includes: 7-pin flat electrical connector, LED tail lamps, LED side marker lamps and license plate holder with light
- ♣ Extended tail light mounts (rabbit ear style) mounted on infeed top

	RETAIL	State of Oklahoma
	\$ 33,230.00	\$ 28,245.50

POWER OPTION:

	RETAIL	
♣ Caterpillar C4.4, OR Perkins 1104D, Tier III, 142-HP Diesel Engine (PLEASE SPECIFY)	\$ 27,000.00	\$ 22,950.00
♣ GM 4.3L, 130-HP Gasoline Engine	\$ 22,190.00	\$ 18,861.50
♣ Cummins QSB4.5, Tier 4i, 130-HP Diesel Engine	\$ 31,625.00	\$ 26,881.25
♣ John Deere 4045H, Tier 4i, 140-HP Diesel Engine	\$ 33,400.00	\$ 28,390.00
♣ Caterpillar C4.4, Tier 4i, 147-HP Diesel Engine	\$ 32,105.00	\$ 27,289.25
♣ Cummins QSB4.5, Tier 4i, 160-HP Diesel Engine	\$ 33,600.00	\$ 28,560.00
♣ John Deere 4045H, Tier 4i, 170-HP Diesel Engine	\$ 36,200.00	\$ 30,770.00
♣ Caterpillar C4.4 OR Perkins 1204E, Tier 4i, 174-HP Diesel Engine (PLEASE SPECIFY)	\$ 34,380.00	\$ 29,223.00

NOTES

"All engines include over center clutch and block heater and are subject to availability
Call factory for Tier 4i and Tier 4 pricing"

2015 MORBARK BEEVER™ M15R

OPTIONAL EQUIPMENT:	RETAIL	State of Oklahoma
♣ 235/75R x 17.5", 16-ply radial tires in lieu of standard 215/75R x 17.5", 16-ply tires	\$ 220.00	\$ 187.00
♣ 5LB ABC fire extinguisher with mount	\$ 195.00	\$ 165.75
♣ Adjustable hitch plate with 3" lunet ring in lieu of standard 2-1/2" pintle ring	\$ 95.00	\$ 80.75
♣ Aluminum diamond plate fenders	\$ 355.00	\$ 301.75
♣ Aluminum combination tool and battery box	\$ 265.00	\$ 225.25
♣ Amber strobe light	\$ 95.00	\$ 80.75
♣ Bottom bump bar	\$ 1,795.00	\$ 1,525.75
♣ ChipSafe Operators Safety Shield (includes (2) sets of gloves and (2) sets of straps)	\$ 3,830.00	\$ 3,255.50
♣ NOTE: Not available with the variable speed flow control		
♣ Chocks and chock holders (complete set)	\$ 220.00	\$ 187.00
♣ Cone holder, lockable to hold (10) 28" long traffic cones	\$ 155.00	\$ 131.75
♣ Discharge clean-out door (BOTTOM)	\$ 110.00	\$ 93.50
♣ Discharge clean-out door (SIDE)	\$ 145.00	\$ 123.25
♣ Dual 10,000# rear jacks mounted roadside and curbside	\$ 765.00	\$ 650.25
♣ Electronic fuel gauge located near control panel	\$ 180.00	\$ 153.00
♣ Engine stop on infeed	\$ 305.00	\$ 259.25
♣ Hydraulic front stabilizer	\$ 1,740.00	\$ 1,479.00
♣ Hydraulic swivel discharge chute	\$ 865.00	\$ 735.25
♣ Infeed with folding tray	\$ 520.00	\$ 442.00
♣ Infeed with folding tray and spring lift assist	\$ 845.00	\$ 718.25
♣ Knife saver tool	\$ 45.00	\$ 38.25
♣ Manuals: complete, additional set	\$ 330.00	\$ 280.50
♣ Pusher paddle with mount	\$ 220.00	\$ 187.00
♣ Radiator brush guard	\$ 435.00	\$ 369.75
♣ Rubber infeed curtain (clear poly), complete with pulleys and safety cables	\$ 495.00	\$ 420.75
♣ Spare 215/75R x 17.5 tire and rim	\$ 710.00	\$ 603.50
♣ Spare 235/75R x 17.5 tire and rim	\$ 865.00	\$ 735.25
♣ Spare tire mount	\$ 245.00	\$ 208.25
♣ Special color Morthane paint, in lieu of standard Morbark orange	\$ 710.00	\$ 603.50
♣ Special color metallic paint, in lieu of standard Morbark orange	\$ 1,145.00	\$ 973.25
Morbark is not responsible for final color or shading		
♣ Tail light guards	\$ 195.00	\$ 165.75
♣ Turnbuckle discharge height adjustment	\$ 280.00	\$ 238.00
♣ Variable speed flow control	\$ 355.00	\$ 301.75
♣ Winch package: heavy-duty, 5000# pull capacity with rope and 10' chafe guard	\$ 4,670.00	\$ 3,969.50

2015 MORBARK BEEVER™ M18R-SA

EQUIPMENT AND OPTIONS

STANDARD UNIT:

- ◆ 18" chipping capacity
- ◆ Morthane Paint System: A chemically cured, electrostatically applied, two component industrial urethane topcoat with a two component urethane primer and military grade resins for resistance to anti-freeze, diesel fuel and hydraulic oil spills - system provides an excellent gloss finish, superior color retention, chip resistance and corrosion protection
- ◆ 65" wide x 38" high infeed chute with 31" wide x 18" high throat opening, 4 position control handle to actuate feed wheels and includes dual safety cables
- ◆ 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 box mount coupler
- ◆ Reversing automatic feed system
- ◆ 37-3/8" diameter x 23-3/4" wide, four (4) dual-edged knife staggered pocket drum removable knife holders, dual sided chambered air impeller system and controllable air flow vents
- ◆ 60-gallon lockable fuel tank with drain plug, sight gauge and shut-off valve
- ◆ 41-gallon lockable hydraulic reservoir with sight gauge, drain plug and clean-out cover
- ◆ 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 crank, height-adjustable, swivel discharge chute with adjustable flipper end to deflect chips
- ◆ 2" x 6" tubular steel frame with cross bracing for additional structural rigidity
- ◆ 4" x 6" tubular steel fixed length drawbar, adjustable hitch plate with 2-1/2" pintle ring and 3/8" thick safety chains
- ◆ 10,000# Torflex suspension axle, electric brakes and break-away actuator with 235/75R x 17.5", 16-ply radial tires with rims and hexagon splash guard fenders
- ◆ 10,000# tongue jack with stationary foot pad
- ◆ Lockable steel combination tool and battery box compartment with 8D, 1400CCA battery
- ◆ Registration and operator guide holder
- ◆ Complete set of manuals including: Parts, Safety and Operator's Manual with electronic back-up, safety DVD, start-up paperwork, engine manual and OEM component manuals
- ◆ Enclosed engine with gauge panel, radiator fines screen and slide rails for belt adjustment
- ◆ Trailer wiring package includes: 7-pin flat electrical connector, LED tail lamps, LED side marker lamps and license plate holder with light
- ◆ Extended tail light mounts (rabbit ear style) mounted on infeed top

RETAIL	<i>State of Oklahoma</i>
\$ 39,115.00	\$ 33,247.75

POWER OPTION:

- ◆ Caterpillar C4.4, OR Perkins 1104D, Tier III, 142-HP Diesel Engine (PLEASE SPECIFY)
- ◆ Cummins QSB4.5, Tier 4i, 130-HP Diesel Engine
- ◆ John Deere 4045H, Tier 4i, 140-HP Diesel Engine
- ◆ Caterpillar C4.4, Tier 4i, 147-HP Diesel Engine
- ◆ Cummins QSB4.5, Tier 4i, 160-HP Diesel Engine
- ◆ John Deere 4045H, Tier 4i, 170-HP Diesel Engine
- ◆ Caterpillar C4.4 OR Perkins 1204E, Tier 4i, 174-HP Diesel Engine (PLEASE SPECIFY)

RETAIL	
\$ 27,000.00	\$ 22,950.00
\$ 31,625.00	\$ 26,881.25
\$ 33,400.00	\$ 28,390.00
\$ 32,105.00	\$ 27,289.25
\$ 33,600.00	\$ 28,560.00
\$ 36,200.00	\$ 30,770.00
\$ 34,380.00	\$ 29,223.00

NOTES

"All engines include over center clutch and block heater and are subject to availability
Call factory for Tier 4i and Tier 4 pricing"

2015 MORBARK BEEVER™ M18R-SA

OPTIONAL EQUIPMENT:	RETAIL	State of Oklahoma
♣ 12" bolt-on tongue extension	\$ 305.00	\$ 259.25
♣ 18" bolt-on tongue extension	\$ 330.00	\$ 280.50
♣ 24" bolt-on tongue extension	\$ 355.00	\$ 301.75
♣ 5LB ABC fire extinguisher with mount	\$ 195.00	\$ 165.75
♣ Adjustable hitch plate with 3" lunet ring in lieu of standard 2-1/2" pintle ring	\$ 95.00	\$ 80.75
♣ Aluminum diamond plate fenders for single axle, single wheel configuration	\$ 385.00	\$ 327.25
♣ Aluminum combination tool and battery box	\$ 265.00	\$ 225.25
♣ Amber strobe light	\$ 95.00	\$ 80.75
♣ Babbitted knife drum in lieu of standard double-edged knives with knife gauge	\$ 735.00	\$ 624.75
♣ Bottom bump bar	\$ 1,795.00	\$ 1,525.75
♣ ChipSafe Operators Safety Shield (includes (2) sets of gloves and (2) sets of straps)	\$ 3,830.00	\$ 3,255.50
♣ NOTE: Not available with the variable speed flow control		
♣ Chocks and chock holders (complete set)	\$ 220.00	\$ 187.00
♣ Cone holder, lockable to hold (10) 28" long traffic cones	\$ 155.00	\$ 131.75
♣ Discharge clean-out door (BOTTOM)	\$ 110.00	\$ 93.50
♣ Discharge clean-out door (SIDE)	\$ 145.00	\$ 123.25
♣ Dual 10,000# rear jacks mounted roadside and curbside	\$ 765.00	\$ 650.25
♣ Electronic fuel gauge located near control panel	\$ 180.00	\$ 153.00
♣ Engine stop on infeed	\$ 305.00	\$ 259.25
♣ Folding infeed tray	\$ 520.00	\$ 442.00
♣ Folding infeed tray with spring lift assist	\$ 845.00	\$ 718.25
♣ Hydraulic front stabilizer	\$ 1,740.00	\$ 1,479.00
♣ Hydraulic front stabilizer with electric over hydraulic lift	\$ 3,365.00	\$ 2,860.25
♣ Hydraulic dual rear stabilizers	\$ 3,365.00	\$ 2,860.25
♣ Hydraulic swivel discharge chute	\$ 865.00	\$ 735.25
♣ Knife saver tool	\$ 45.00	\$ 38.25
♣ Manuals: complete, additional set	\$ 330.00	\$ 280.50
♣ Pusher paddle with mount	\$ 220.00	\$ 187.00
♣ Radiator brush guard	\$ 435.00	\$ 369.75
♣ Remote control: wireless, 900Mhz with Tethered Back-Up System and electric over hydraulic control bar actuator	\$ 5,185.00	\$ 4,407.25
♣ NOTE: Equipped with three (3) position control handle in lieu of four (4) position control handle		
♣ Rubber infeed curtain (clear poly), complete with pulleys and safety cables	\$ 495.00	\$ 420.75
♣ Spare 235/75R x 17.5 tire and rim	\$ 865.00	\$ 735.25
♣ Spare tire mount	\$ 245.00	\$ 208.25
♣ Spark arrestor muffler	\$ 195.00	\$ 165.75
♣ Special color Morthane paint, in lieu of standard Morbark orange	\$ 710.00	\$ 603.50
♣ Special color metallic paint, in lieu of standard Morbark orange	\$ 1,145.00	\$ 973.25
♣ Morbark is not responsible for final color or shading		
♣ Steel guard enclosing the valve bank and auto-reverse components	\$ 220.00	\$ 187.00
♣ Tail light guards	\$ 195.00	\$ 165.75
♣ Turnbuckle discharge height adjustment	\$ 280.00	\$ 238.00
♣ Variable speed flow control	\$ 355.00	\$ 301.75
♣ Winch package: heavy-duty, 5000# pull capacity with rope and 10' chafe guard	\$ 4,670.00	\$ 3,969.50



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.

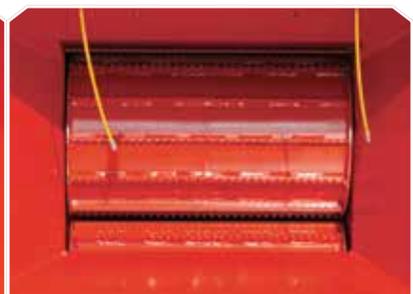
[3] Top feed-wheel compression system

(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



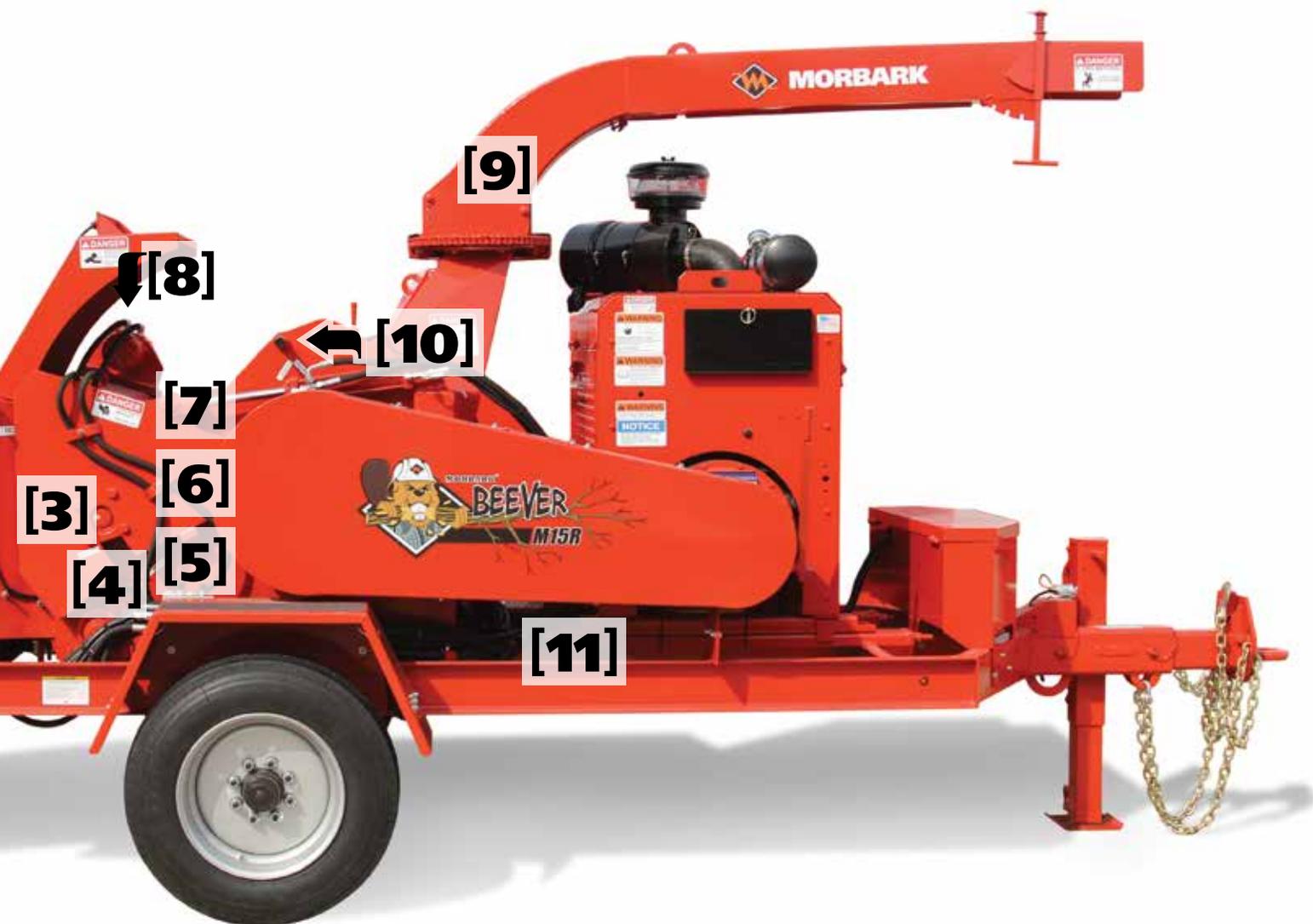
M12D



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.

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.

[+] 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.





MORBARK[®]
BUILDING EQUIPMENT THAT CREATES OPPORTUNITIES

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.

Warranty

Company warrants to the original purchaser that this product will be free from defects in materials and workmanship under normal use and operating conditions subject to the conditions and exclusions stated below. No representative, agent or dealer of Company or any other person is authorized to modify, expand or extend this warranty in any manner or make any representation on Company's behalf in connection with the sale of any Goods covered by this Warranty. The Warranty Period is as follows:

Product Description	Company-Manufactured Components	Vendor-Purchased Components	Extended Coverage
New Beaver Chippers, except M20	Two (2) years or 3,000 hours, whichever comes first	Warranty from vendor applies; minimum one (1) year	May be purchased prior to startup
Beaver Chipper M20	One (1) year or 1,500 hours, whichever comes first	Warranty from vendor applies; minimum one (1) year	May be purchased prior to startup
New Stump Grinders	One (1) year or 500 hours, whichever comes first	Warranty from vendor applies; minimum one (1) year	May be purchased prior to startup
New Forestry, Recycling and Sawmill Equipment	Six (6) months or 1,000 hours, whichever comes first	Warranty from vendor applies; minimum one (1) year	May be purchased prior to startup
Used Equipment	As stated on Equipment Order	Not applicable	Not applicable
New Engines	Not applicable	See Engine Warranty Statement	May be purchased prior to startup or possibly two (2) years after startup, depending on the programs offered by the engine supplier
Wear Items, including but not limited to, such items as Belts, Chipper and Counter Knives, Flail Chain, Anvils, Hammers, Screens, Bearings and Tires	Manufacturer's limited warranty extended to the original purchaser to cover conditions reasonably considered to have been within manufacturer's control. Conditions not within manufacturer's control, such as irregular wear, lack of maintenance, damage due to accidents or vandalism, are not covered.	Manufacturer's limited warranty extended to the original purchaser to cover conditions reasonably considered to have been within manufacturer's control. Conditions not within manufacturer's control, such as irregular wear, lack of maintenance, damage due to accidents or vandalism, are not covered.	Not applicable
New Company-Manufactured Components	Ninety (90) days from the date of purchase	Not applicable	Not applicable
Advantage 3 Drum Assembly	Three (3) years from the date of purchase	Not applicable	Not applicable

Table continued on next page

Product Description	Company-Manufactured Components	Vendor-Purchased Components	Extended Coverage
New After-Market Purchased Components	Not applicable	One (1) Year, except as noted in Exclusions	Not applicable
Remanufactured Company-Manufactured Components (whose Part No. is followed by the initials "RM")	Ninety (90) days from the date of purchase	Not applicable	Not applicable
Used, Refurbished, Reconditioned Components	AS IS, no warranty	AS IS, no warranty	Not applicable

EXCLUSIONS: This Warranty shall NOT apply to:

1. Goods which have been subjected to misuse, neglect, modification, alteration, accident or lack of normal maintenance or service;
2. replacement of routine maintenance items and wear parts such as knives, anvils, hammers, screens, belts, bearings etc.;
3. fire damage; or
4. components of the Goods that are manufactured by others. These items will only carry warranty as provided by the original manufacturer, through that manufacturer.

PURCHASERS EXCLUSIVE REMEDY: The exclusive remedy of the purchaser in the event the Goods do not conform to this Warranty shall be repair or replacement of the Goods (at the option of Company) without charge to the purchaser, when the Goods are returned to Company's factory at 8507 South Winn Road, Winn, Michigan or at such other location as may be designated in writing by Company. Company is not responsible for the cost of transport or related charges in connection with return of any Goods to Company under this Warranty. Company shall have sole discretion to determine whether and to what extent the Goods are defective in materials or workmanship. The acceptance by Company of any Goods returned is not an admission that the Goods are defective and if Company determines the Goods are not covered by this Warranty, the Goods shall be returned to the purchaser at purchaser's expense.

REMANUFACTURED PARTS: Company reserves the right to use remanufactured parts, when available, for warranty replacement parts. The remanufactured component has the same warranty as if it was new.

WARRANTY VALIDATION: Company shall be under no warranty obligation unless a Warranty Validation Report is completed and returned to Company, Inc., 8507 South Winn Road, Winn, Michigan, properly dated and signed by the purchaser as required in the Dealer Warranty Handbook.

DISCLAIMER OF WARRANTIES: THIS WARRANTY IS IN LIEU OF ALL OTHER WARRANTIES EXPRESS OR IMPLIED. COMPANY MAKES NO OTHER WARRANTIES AS TO THE EQUIPMENT, AND IN PARTICULAR, MAKES NO IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, WHICH ARE EXPRESSLY DISCLAIMED.

LIMITATION OF DAMAGES: MORBARK SHALL NOT BE LIABLE FOR ANY INCIDENTAL OR CONSEQUENTIAL DAMAGES, DIRECTLY OR BY SUBROGATION, INCLUDING BUT NOT LIMITED TO, ANY CLAIMS FOR FIRE DAMAGE, LOST PROFITS, DOWNTIME OR LOSS OF USE, IN THE EVENT THE EQUIPMENT IS DEFECTIVE OR DOES NOT COMPLY WITH ANY WARRANTY.