



BLADES AND BLADE MAINTENANCE

Wood-Mizer®



UNMATCHED PERFORMANCE
across THE board

Wood-Mizer blades

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The Wood-Mizer Blades Difference

THE PEOPLE

Wood-Mizer employs an entire team of blade professionals who are rigorously involved in every stage of the process; from the selection of raw materials, to engineering the best manufacturing equipment, to **performing more than 100 tests and inspections**, all the way through to the final grind. This team is dedicated to getting perfect blades to you.

THE PROCESS

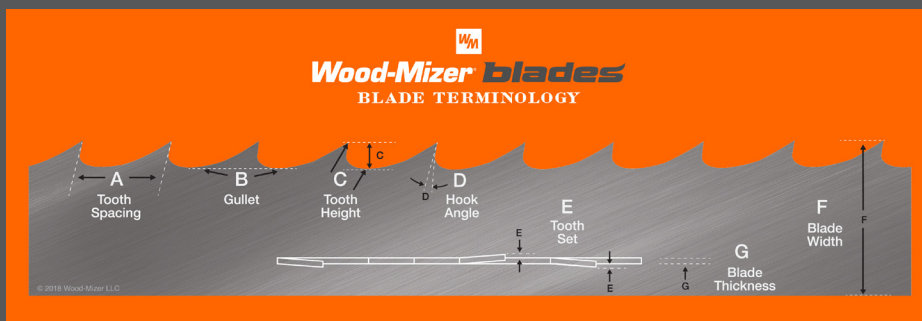
Wood-Mizer uses the best equipment available to manufacture the blades, including exclusive CBN grinders, sophisticated computerized setters, and cut-to-length equipment. Every blade is **profile ground from tip to tip** and consistently set. Once strict quality-assurance tests are performed, the blade is stamped with a unique tracking number and is certified to carry the genuine Wood-Mizer name.



THE PERFORMANCE

Each Wood-Mizer blade uses a full-profile grinding technique instead of a drag and sweep process. This means your blade is ground from tip to tip, giving you precision and performance with every cut. All blades are factory set and delivered **ready-to-run** out of the box.

Understanding Blades and Blade Terminology



- A. **Tooth Spacing** – is the distance between each tooth from one tip to another.
- B. **Gullet** – captures and removes sawdust
- C. **Tooth Height** – is the distance from the lowest point of the gullet to the tip of the tooth.
- D. **Hook Angle** – is the number of degrees that the tooth face leans forward of 90 degrees.
- E. **Tooth Set** – the distance the tooth is bent beyond the body of the blade.
- F. **Blade Width** – distance between the tip and base of the blade. Use wider blades for high horsepower sawmills and a faster feed rate. Use a narrow blade for lower horsepower sawmills and for more difficult sawing.
- G. **Blade Thickness** - Thinner blades (.035", .038", .042") are designed for lower horsepower sawmills, and thicker blades (.045", .050", .055") are for higher horsepower.

Hook Angle

- 12 degree: resaw blade
- 10 degree: all-purpose profile for mixed hardwoods/soft woods
- 9 degree: hardwoods/seasoned woods (lower horsepower, smaller logs, narrow cuts)
- 7 degree: frozen/tropical/extreme hardwoods (higher horsepower, wider cuts)
- 4 degree: frozen/extreme hardwoods (all horsepower)

TURBO

- 7 degree: exotic hardwoods (higher horsepower)

- 747 degree: **NEW All-purpose** blade for all models, horsepower ratings, and sawing applications



VORTEX

- 10 degree: Dust removal for pallet and fence board production

Wood-Mizer offers an extensive range of blades with more than 100 combinations based on profile, width, thickness, tooth-spacing, and alloy for any type of sawing or resawing application from green softwoods to abrasive hardwoods. Use the chart below to find the sawmill blade that will work best for you.

T739° = Turbo 7° / V10° = Vortex 10° / T747° = Turbo 747°



DoubleHard's original blade material is manufactured from "high-alloy" steel and is designed for portable and industrial sawmills. With induction hardened teeth, DoubleHard blades deliver twice the toughness and twice the sharp life compared to standard carbon blades.



Blade Snapshot!
DoubleHard is a durable all-purpose blade for sawing softwoods, hardwoods, knotty woods, and frozen woods.

Hook Angle	Width	Thickness	Tooth Spacing
4°, 7°, Turbo 739°, 9°, 10°, V10°, NEW! Turbo 747°	31.75 mm, 38.10 mm 1 1/4" 1 1/2"	0.90 mm, 1.07 mm, 1.14 mm, 1.27 mm, 1.40 mm 0.035" 0.042" 0.045" 0.050" 0.055"	22.22 mm, (3/4") 28.57 mm, (1 1/4") avail. for 1.14 mm x 38.10 mm and for 1.40 mm x 38.10 mm



Manufactured from "carbon" steel, SilverTip blades can be used on both portable and industrial sawmills and is also suitable for horizontal resaws. Carbon is the most common steel used in narrow-band sawing and can be resharpened, but typically not as often as a blade made with high-alloy steel.



Blade Snapshot!
SilverTip is an ideal blade for primary and secondary breakdown as well as for high volume sawing environments.

Hook Angle	Width	Thickness	Tooth Spacing
4°, 7°, Turbo 739°, 9°, 10°, V10°, 12°, NEW! Turbo 747°	25.40 mm, 28.57 mm, 31.75 mm, 38.10 mm, 44.45 mm, 50.80 mm, 76.20 mm 1" 1 1/4" 1 1/2" 1 3/4" 2" 2 1/2" 3"	0.90 mm, 0.965 mm, 1.07 mm, 1.14 mm, 1.27 mm, 1.40 mm 0.035" 0.038" 0.042" 0.045" 0.050" 0.055"	12.70 mm, 15.87 mm, 19.05 mm, 22.22 mm, 25 mm, 28.57 mm, 31.75 mm 1/2" 3/4" 1" 1 1/4" 1 1/2" 1 3/4" 2"



RazorTip Carbide utilizes a very hard "triple chip tooth" configuration that can withstand the hardest of hardwoods and provide a very smooth finish.



Blade Snapshot!
RazorTip Carbide is a tough blade that stays sharper longer in the most difficult sawing conditions such as tropical hardwoods, kiln dried lumber, engineered wood, and more abrasive materials.

Hook Angle	Width	Thickness	Tooth Spacing
7°, Turbo 739°, 10°, 12°	31.75 mm, 38.10 mm, 50.80 mm, 76.20 mm 1 1/4" 1 1/2" 2" 3"	0.90 mm, 1.14 mm, 1.27 mm, 1.40 mm 0.035" 0.045" 0.050" 0.055"	15.87 mm, 22.22 mm, 28.57 mm 3/4" 1" 1 1/4"



Bi-Metal is made from "high alloy" two-piece steel with a wire-welded, hardened tooth tip. Generally used for primary breakdown sawing in portable or industrial sawmill operations, Bi-Metal blades hold a sharpened edge up to three times longer than carbon blades.



Blade Snapshot!
Bi-Metal offers a longer sawing sharp life than most carbon and high-alloy blades and is engineered for production sawing environments.

Hook Angle	Width	Thickness	Tooth Spacing
Turbo 739°, 10°	34.54 mm, 41.53 mm, 50.80 mm, 76.20 mm 1.36" 1.635" 2" 3"	1.07 mm, 1.27 mm, 1.60 mm 0.042" 0.050" 0.063"	22.22 mm 7/8"

Not available in all configurations, see page 5-9 for further information.



Online Store

Visit our online store at woodmizer.com to conveniently and securely order our complete collection of sawmill blades 24/7! With blade lengths from 100 to 400 inches, count on Wood-Mizer sawmill and resaw blades to fit your specific make and model of equipment. Available in the USA only.

WOW Free Shipping Blades

Visit woodmizer.com or contact your local dealer for our most popular, in-stock 10° sawmill blades eligible for WOW! Fast and Free Shipping. With this NEW program, select sawmill blades are available for free shipping. All WOW! sawmill blades are the same great Wood-Mizer blades that are in-stock and ready to ship the same business day (Monday - Friday) when ordered by 3 pm ET. WOW! blades are shipped free anywhere in the contiguous US.



Thin-Kerf technology is no longer the new industry buzz. It's turning into the industry standard.

Wood-Mizer revolutionized the use of thin-kerf bandsaw blades. The thin-kerf of our Wood-Mizer mills is the best alternative available today to efficiently harvest timber-especially over the 1/4"-3/8" kerf on circular mills.

And Wood-Mizer is the only portable sawmill and pallet saw manufacturer that produces blades for its own equipment. Designing and manufacturing our own blade production and maintenance equipment allows us to produce blades with consistent quality.

Here are just some of the proven benefits of thin-kerf technology:

YIELD – Thin-kerf blades allow you to produce more lumber using the same number of logs than with traditional blades.

ENVIRONMENTALLY FRIENDLY – Thin-kerf bandsaw blades generate up to 60% less sawdust than traditional blades, while requiring less power and fuel to operate, sending fewer emissions into the atmosphere.

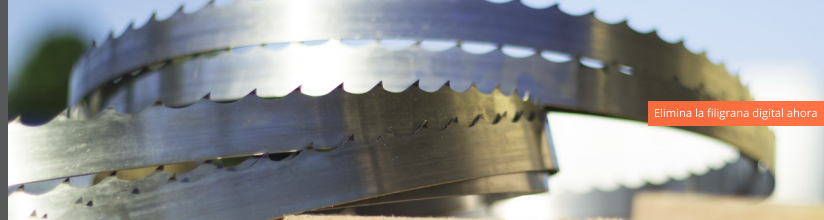
COST – Narrow band bandsaw blades are less expensive than traditional blades. Because of their superior performance, narrow band bandsaw blades cost less to use and maintain.

LOWER HORSEPOWER REQUIREMENTS – Because thin-kerf bandsaw blades require less horsepower to operate, fuel costs are lower, less pollution/noise is produced, and less maintenance is required.

BETTER CUT QUALITY – Leaves smooth surface, reducing target sizes, making grading easier, and requires less planing to achieve the final board thickness.



The most crucial component of a sawmill is the blade. To ensure the highest quality and ultimate performance, Wood-Mizer produces its own blades, and is the only portable sawmill manufacturer that does so! When it comes to Wood-Mizer Blades you can count on quality, accuracy, and a longer life.



Wood-Mizer DoubleHard High-Alloy Bandsaw Blades

DoubleHard blades earned their name because Wood-Mizer starts with a high-quality alloy steel and then induction hardens the teeth, giving you a blade that delivers twice the toughness - and twice the sharp life. In fact, DoubleHard blades have up to twice the sharp life of most standard blades.

Wood-Mizer DoubleHard blades are tough, non-brittle, and won't chip or wear down prematurely. Each set tooth is individually measured and set by computer-controlled equipment during the manufacturing process.

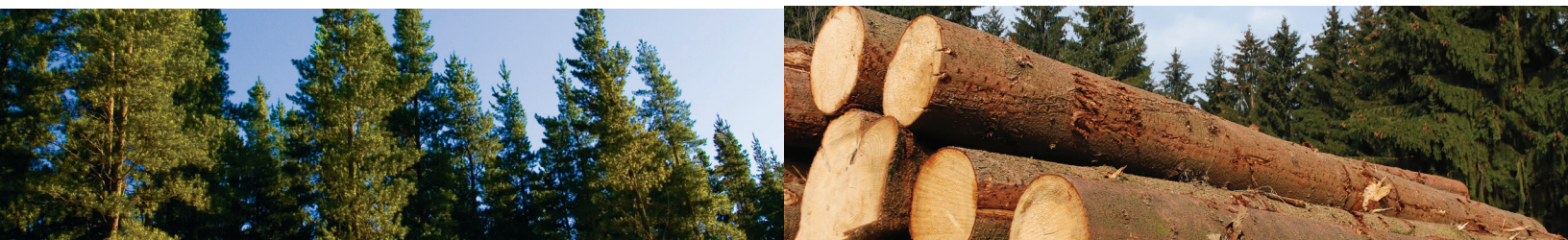
Wood-Mizer offers DoubleHard blades in a wide range of widths, and thicknesses, and profiles suited to the most common applications and to more specialized cutting needs. Any length blades are available; if we don't stock it, we will make it to your order.

Wood-Mizer's selection of DoubleHard blades offers unmatched cutting flexibility, whether you need to cut frozen lumber, softwoods, hardwoods, knotty woods, or in situations where kerf is critical.

Demand DoubleHard.

Description (Thickness x Width)		Hook Angle	Tooth Spacing	
Imperial	Metric		Imperial	Metric
.035 x 1¼"	0.90 mm x 31.75 mm	10°	7⁄8"	22.22 mm
.042 x 1¼"	1.07 mm x 31.75 mm	9°, 10°, V10°, T747°	7⁄8"	22.22 mm
.045 x 1¼"	1.14 mm x 31.75 mm	4°, 7°, T739°, 9°, 10°, V10°, T747°	7⁄8"	22.22 mm
.045 x 1½"	1.14 mm x 38.10 mm	4°, 7°, T739°, 9°, 10°, V10°, T747°	7⁄8"	22.22 mm
.045 x 1½"	1.14 mm x 38.10 mm	10°	1½"	28.57 mm
.055 x 1¼"	1.40 mm x 31.75 mm	4°, 7°, T739°, 9°, 10°, T747°	7⁄8"	22.22 mm
.055 x 1½"	1.40 mm x 38.10 mm	4°, 7°, T739°, 10°, V10°, T747°	7⁄8"	22.22 mm
.055 x 1½"	1.40 mm x 38.10 mm	10°	1½"	28.57 mm

T739° = Turbo 7°, V10° = Vortex 10°, T747° = Turbo 747°



Wood-Mizer SilverTip Carbon Bandsaw Blades

Tired of searching for a good primary and secondary breakdown blade? Wood-Mizer addresses the problem with SilverTip. The SilverTip features much tighter manufacturing specs than the competition's blades. The SilverTip is made with a higher carbon content than most blades, with a high-durability steel suited to high-volume sawing environments. We know we have the strongest steel, because we put it through rigorous testing at our very own blade laboratory.

Description (Thickness x Width)		Hook Angle	Tooth Spacing	
Imperial	Metric		Imperial	Metric
.035 x 1"	0.90 mm x 25.40 mm	12°	5/8"	15.87 mm
.035 x 1"	0.90 mm x 25.40 mm	10°	1/2", 3/4"	12.70 mm, 19.05 mm
.038 x 1 1/8"	0.96 mm x 28.57 mm	12°	5/8"	15.87 mm
.038 x 1 1/8"	0.96 mm x 28.57 mm	10°	1/2", 3/4"	12.70 mm, 19.05 mm
.042 x 1"	1.07 mm x 25.40 mm	9°, 10°	7/8"	22.22 mm
.042 x 1"	1.07 mm x 25.40 mm	10°	3/4"	19.05 mm
.042 x 1 1/4"	1.07 mm x 31.75 mm	7°, T739°, 10°, V10°, T747°	7/8"	22.22 mm
.042 x 1 1/4"	1.07 mm x 31.75 mm	10°	3/4"	19.05 mm
.045 x 1 1/2"	1.14 mm x 38.10 mm	7°, T739°, 10°, T747°	7/8"	22.22 mm
.045 x 1 1/2"	1.14 mm x 38.10 mm	10°	1 1/8"	28.57 mm
.045 x 2"	1.14 mm x 50.80 mm	7°, T739°, 10°, T747°	7/8"	22.22 mm
.045 x 2"	1.14 mm x 50.80 mm	10°	1"	25.40 mm
.045 x 2"	1.14 mm x 50.80 mm	T739°	1 1/4"	31.75 mm
.050 x 3"	1.27 mm x 76.20 mm	T739°, 10°	7/8"	22.22 mm
.050 x 3"	1.27 mm x 76.20 mm	7°, 10°	1 1/8"	28.57 mm
.050 x 3"	1.27 mm x 76.20 mm	T739°	1 1/4"	31.75 mm
.055 x 1 1/2"	1.40 mm x 38.10 mm	4°, T739°, 10°, T747°	7/8"	22.22 mm
.055 x 1 1/2"	1.40 mm x 38.10 mm	10°	1"	25.40 mm
.055 x 1 3/4"	1.40 mm x 44.45 mm	7°, T739°, 10°, T747°	7/8"	22.22 mm
.055 x 1 3/4"	1.40 mm x 44.45 mm	10°	1"	25.40 mm
.055 x 1 3/4"	1.40 mm x 44.45 mm	7°, 10°	1 1/8"	28.57 mm
.055 x 2"	1.40 mm x 50.80 mm	7°, T739°, 10°, T747°	7/8"	22.22 mm
.055 x 2"	1.40 mm x 50.80 mm	T739°	1 1/4"	31.75 mm
.055 x 2"	1.40 mm x 50.80 mm	10°	1"	25.40 mm
.055 x 2"	1.40 mm x 50.80 mm	7°, 10°	1 1/8"	28.57 mm
.055 x 2"	1.40 mm x 50.80 mm	T739°	1 1/4"	31.75 mm

T739° = Turbo 7°, V10° = Vortex 10°, T747° = Turbo 747°

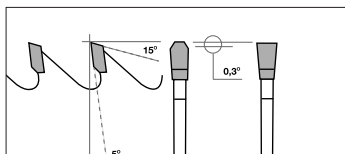




Wood-Mizer RazorTip Carbide Bandsaw Blades

Once you use Wood-Mizer's RazorTip carbide blade, you never go back!

This blade cuts through the hardest of hardwoods while the triple chip style, carbide tipped tooth creates less sawdust and leaves behind a smooth finish that will have people thinking your lumber has already been planed and sanded. If tough wood is your business, the RazorTip Carbide blade will stay sharper longer and skyrocket your productivity.



Triple chip carbide tooth.

Description (Thickness x Width)		Hook Angle	Tooth Spacing	
Imperial	Metric		Imperial	Metric
.035 x 1¼"	0.90 mm x 31.75 mm	12°	⅝"	15.87 mm
.045 x 1¼"	1.14 mm x 31.75 mm	7°	⅞"	22.22 mm
.045 x 1½"	1.14 mm x 38.10 mm	T739°	⅞"	22.22 mm
.055 x 2"	1.40 mm x 50.80 mm	7°	1⅝"	28.57 mm
.050 x 3"*	1.27 mm x 76.20 mm	7°	1⅝"	28.57 mm

T739° = Turbo 7°

Blade Lengths
BY THE INCH
100" - 400"



Wood-Mizer Bi-Metal Industrial Bandsaw Blades

The Bi-Metal blade has been engineered for production sawing. The innovative Bi-Metal blade complements Wood-Mizer's extensive line of bandsaw blades.

With an RC hardness of 67 on the tooth edge, the Bi-Metal blade provides a longer sawing sharp life. The tooth is manufactured with a ribbon of high speed steel that is electron beam welded to a high alloy backing material. This high alloy backing material offers a combination of durability and fatigue resistance, enabling an overall life that is 2-3 times longer than carbon blades.

With the addition of the Bi-Metal blade, Wood-Mizer now offers blades to meet every type of wood cutting application, from green softwoods to abrasive and exotic hardwoods.



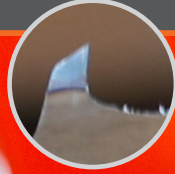
Description (Thickness x Width)		Hook Angle	Tooth Spacing	
Imperial	Metric		Imperial	Metric
.042 x 1.36"	1.07 mm x 34.54 mm	T739°, 10°	⅞"	22.22 mm
.050 x 1.635"	1.27 mm x 41.53 mm	T739, 10°	⅞"	22.22 mm
.050 x 2"	1.27 mm x 50.80 mm	T739°	⅞"	22.22 mm
.063 x 3"	1.60 mm x 76.20 mm	T739°	⅞"	22.22 mm

T739° = Turbo 7°

WOOD-MIZER'S OWN EXCLUSIVE BLADE PROFILES

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Wood-Mizer
Vortex



Wood-Mizer
turbo7



Wood-Mizer Vortex Dust Removal Blade

Ideal for Sawdust Removal Sawing and Resawing!

Available in DoubleHard and SilverTip material, **THE VORTEX™ BLADE PROFILE IS TRIED, TESTED, AND PROVEN IN OPERATIONS THROUGHOUT THE WORLD NEEDING CLEAN BOARDS OFF THE SAW.** Reduce sawdust on your boards today with Vortex™ sawmill blades only available from Wood-Mizer.

Wood-Mizer Turbo 7 High-Performance Blade

Ideal for High-Horsepower Sawing!

WITH INCREASED AIR FLOW AND HIGHER TOOTH PENETRATION while sawing hardwoods, the **TURBO 7** degree profile is tried, tested and proven by **HIGH PRODUCTION, HIGH HORSEPOWER AND HIGH FEED RATE** sawmilling operations throughout the world.

VORTEX™ Blade Industry Test

Dust on board/grams with
7/8" tooth spacing blade.



Industry Favorite Blade #1



Industry Favorite Blade #2



Wood-Mizer NEW VORTEX
SAWDUST REMOVAL BLADE

NO measurable amount!

Description (Thickness x Width)		Hook Angle	Tooth Spacing	
SilverTip Vortex Blade				
Imperial	Metric		Imperial	Metric
.042 x 1¼"	1.07 mm x 31.75 mm	V10°	⅞"	22.22 mm
.045 x 1½"	1.14 mm x 38.10 mm	V10°	⅞"	22.22 mm
.055 x 2"	1.40 mm x 50.80 mm	V10°	⅞"	22.22 mm
DoubleHard Vortex Blade				
.035 x 1¼"	0.90 mm x 31.75 mm	V10°	⅞"	22.22 mm
.042 x 1¼"	1.07 mm x 31.75 mm	V10°	⅞"	22.22 mm
.045 x 1¼"	1.14 mm x 31.75 mm	V10°	⅞"	22.22 mm
.045 x 1½"	1.14 mm x 38.10 mm	V10°	⅞"	22.22 mm
.055 x 1½"	1.40 mm x 38.10 mm	V10°	⅞"	22.22 mm



Description (Thickness x Width)		Hook Angle	Tooth Spacing	
DoubleHard Turbo 739 Blade				
Imperial	Metric		Imperial	Metric
.045 x 1¼"	1.14 mm x 31.75 mm	T739°	⅞"	22.22 mm
.045 x 1½"	1.14 mm x 38.10 mm	T739°	⅞"	22.22 mm
.055 x 1¼"	1.40 mm x 31.75 mm	T739°	⅞"	22.22 mm
.055 x 1½"	1.40 mm x 38.10 mm	T739°	⅞"	22.22 mm
SilverTip Turbo 7 Blade				
.042 x 1¼"	1.07 mm x 31.75 mm	T739°	⅞"	22.22 mm
.045 x 1½"	1.14 mm x 38.10 mm	T739°	⅞"	22.22 mm
.045 x 2"	1.14 mm x 50.80 mm	T739°	⅞"	22.22 mm
.045 x 2"	1.14 mm x 50.80 mm	T739°	1¼"	31.75 mm
.050 x 3"	1.27 mm x 76.20 mm	T739°	⅞"	22.22 mm
.055 x 1½"	1.40 mm x 38.10 mm	T739°	⅞"	22.22 mm
.055 x 1½"	1.40 mm x 38.10 mm	T739°	1¼"	31.75 mm
.055 x 1¾"	1.40 mm x 44.45 mm	T739°	⅞"	22.22 mm
.055 x 1¾"	1.40 mm x 44.45 mm	T739°	1¼"	31.75 mm
.055 x 2"	1.40 mm x 50.80 mm	T739°	⅞"	22.22 mm
.055 x 2"	1.40 mm x 50.80 mm	T739°	1¼"	31.75 mm
RazorTip Carbide Blade				
.045 x 1½"	1.14 mm x 38.10 mm	T739°	⅞"	22.22 mm
Bi-Metal Industrial Blade				
.042 x 1.36"	1.07 mm x 34.54 mm	T739°	⅞"	22.22 mm
.050 x 1.635"	1.27 mm x 41.53 mm	T739°	⅞"	22.22 mm
.055 x 2"	1.40 mm x 50.80 mm	T739°	⅞"	22.22 mm
.063 x 3"	1.60 mm x 76.20 mm	T739°	⅞"	22.22 mm

NEW!



Wood-Mizer **turbo747** it flies!

HIGH PERFORMANCE BLADE

Description (Thickness x Width)		Hook Angle	Tooth Spacing	
SilverTip Turbo 747 Blade				
Imperial	Metric		Imperial	Metric
.042 x 1¼"	1.07 mm x 31.75 mm	T747°	⅞"	22.22 mm
.045 x 1½"	1.14 mm x 38.10 mm	T747°	⅞"	22.22 mm
.045 x 2"	1.14 mm x 50.80 mm	T747°	⅞"	22.22 mm
.055 x 1½"	1.40 mm x 38.10 mm	T747°	⅞"	22.22 mm
.055 x 1¾"	1.40 mm x 44.45 mm	T747°	⅞"	22.22 mm
.055 x 2"	1.40 mm x 50.80 mm	T747°	⅞"	22.22 mm
DoubleHard Turbo 747 Blade				
.042 x 1¼"	1.07 mm x 31.75 mm	T747°	⅞"	22.22 mm
.045 x 1¼"	1.14 mm x 31.75 mm	T747°	⅞"	22.22 mm
.045 x 1½"	1.14 mm x 38.10 mm	T747°	⅞"	22.22 mm
.055 x 1¼"	1.40 mm x 31.75 mm	T747°	⅞"	22.22 mm
.055 x 1½"	1.40 mm x 38.10 mm	T747°	⅞"	22.22 mm

Wood-Mizer Turbo 747 High-Performance Blade

IDEAL FOR HIGH PERFORMANCE SAWING

This blade features a deep capacity gullet, extreme back angle, and sharp penetrating points making it the sharpest blade on the market.

Try Turbo 747 sawmill blade on everything you saw!

"The feed rate is quite a bit faster, we can maintain faster feed rates through knots."

– Luke Eames, Holland Timber Co.



BLADE MAINTENANCE SHARPENERS AND SETTERS

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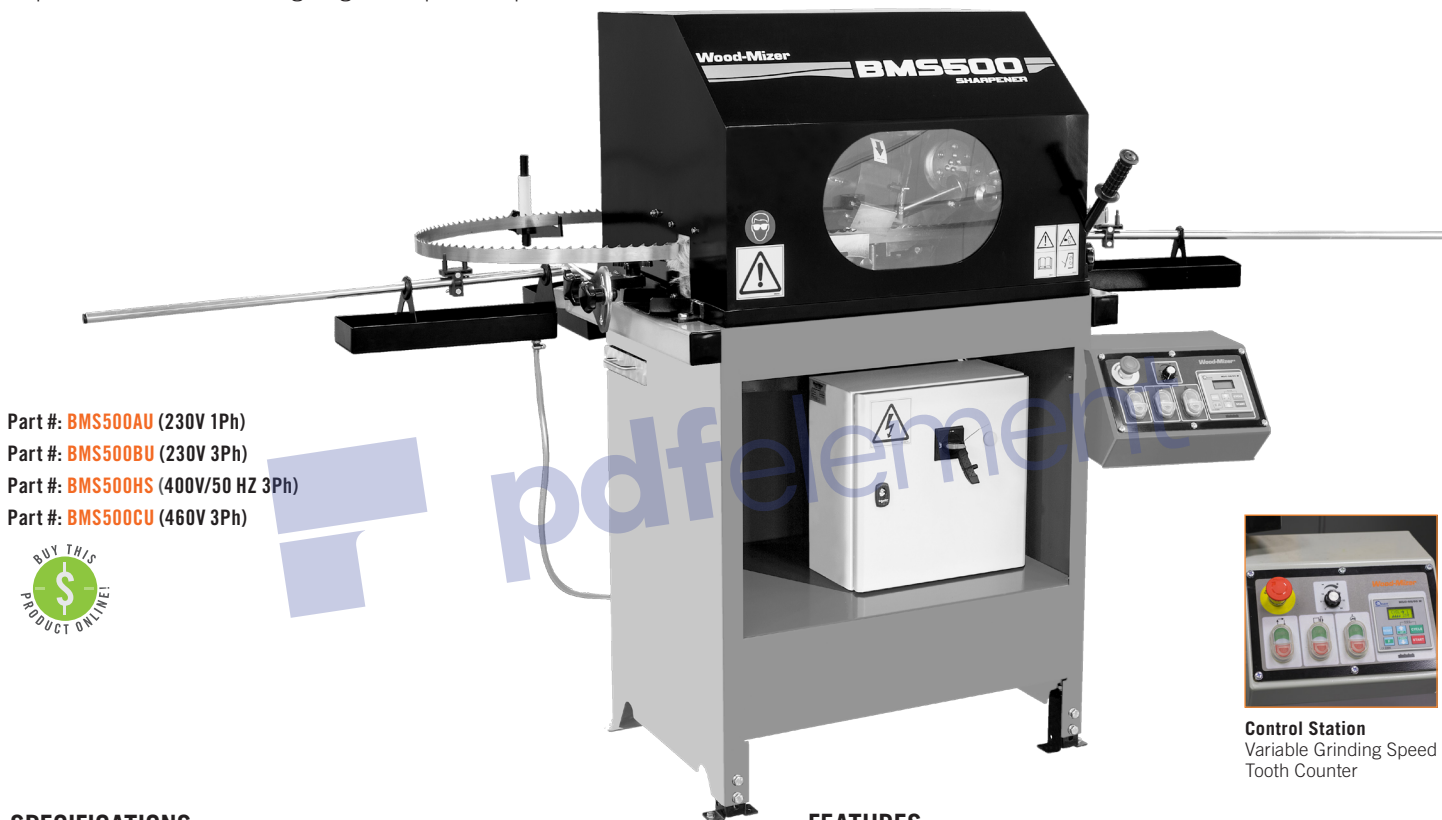


The blade is the **heart of the sawmill system**. It is what you depend on to bite into the wood and deliver a smooth cut. Blades perform at their peak when they have been properly sharpened and set. A sharp and accurately set blade **cuts faster**, produces more **accurate lumber**, and saves time and fuel. That's why Wood-Mizer manufactures a professional line of blade sharpeners and setters to help you maintain your blades so they deliver maximum performance and **minimize downtime**.

BMS500 CBN Sharpener

The BMS500 sharpener, from its very beginning, has been designed to suit the requirements of bigger sawmills. It is also equipped with a system for the easy installation and removal of the blade. As a standard feature, the sharpener has an electronic tooth counter which can be pre-set and will then automatically turn off the sharpening process after the full cycle.

Our BMS500 sharpener is powered by 1HP (0.75 kW) (2820 rpm main motor) heavy-duty motor with belt drive which runs an 8" (203 mm) CBN wheel at 4280 rpm. All the functions of the sharpener are controlled from the operator panel and includes an inspection window and LED lighting to complete the picture.

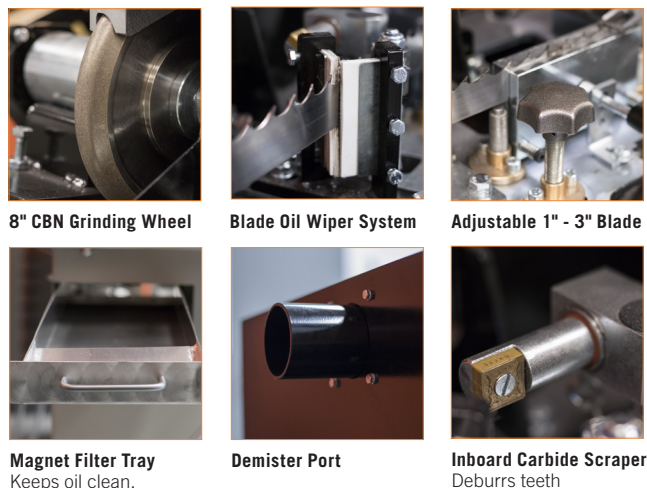


SPECIFICATIONS:

BMS500		
	Imperial	Metric
Grinding Motor	1 HP	0.75 kW
Grinding Wheel*	8" CBN	203 mm CBN
Wheel RPM	4280 RPM	
Blade Capacity	1" - 3"	25 mm - 76mm
Available Tooth Spacing	1/2", 5/8", 3/4", 7/8", 1", 1-1/8", 1-1/4"	12.70 mm, 15.87 mm, 19.05 mm, 22.22 mm, 25.40 mm, 28.57 mm, 31.75 mm
Available Profiles	4°, 7°, Turbo 739°, 9°, 10°, Vortex 10°, 12°, 13°, Turbo 747°	
Operation	Variable speed, user friendly control station	
Production Capacity	Industrial/Professional	
Power	230V 1Ph, 230V 3Ph, 400V 3Ph and 460V 3Ph	
Oil Capacity*	2.5 Gal (9.5L) Oil reservoir with oil pump	

*Grinding wheels and oil sold separately.
 See pages 18-19 for grinding wheels and accessories.

FEATURES:



BMS250

SHARPENER

Elimina la filigrana digital ahora

BMS250 CBN Sharpener

The BMS250 sharpener is made for the professional who needs to maintain their blades with time-saving, assured accuracy. The BMS250 uses a 5" diameter CBN wheel to sharpen the entire profile of the blade. The CBN wheel is directly driven off the single phase AC motor and the surrounding hood confines the oil mist which leads to a cleaner sharpening environment. The hood features an exhaust port where fumes and mist can be drawn out. Loading the blade is easy to manage and the controls allow for quicker set-up and operation. Changing the grinding wheel to maintain various profile blades remains simple and efficient.

Part #: **BMS250MU** (110V 1Ph)

Part #: **BMS250AU** (230V 1Ph)

Part #: **BMS250AS** (230V//50Hz 1Ph)



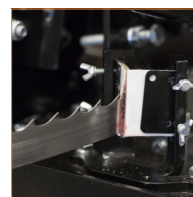
SPECIFICATIONS:

BMS250		
	Imperial	Metric
Grinding Motor	¼ HP	0.186 kW
Grinding Wheel*	5" CBN	127 mm CBN
Wheel RPM	2800 RPM	
Blade Capacity	1" – 2"	25 mm - 51 mm
Available Tooth Spacing	1/2", 5/8", 3/4", 7/8", 1", 1-1/8", 1-1/4"	12.70 mm, 15.87 mm, 19.05 mm, 22.22 mm, 25.40 mm, 28.57 mm, 31.75 mm
Available Profiles	4°, 7°, Turbo 739°, 9°, 10°, Vortex 10°, 12°, 13°, Turbo 747°	
Operation	Auto stop, variable speed	
Production Capacity	Professional	
Power	110V, 230V 1Ph	

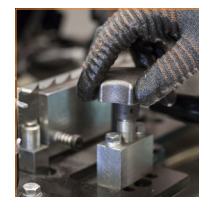
FEATURES:



5" Diameter CBN Wheel



Blade oil wiper system



Blade Adjustment
Adjust up/down single knob for 1"-2" wide blades



Oil Bath System
includes oil pump and reservoir



Auto shut-off sensor

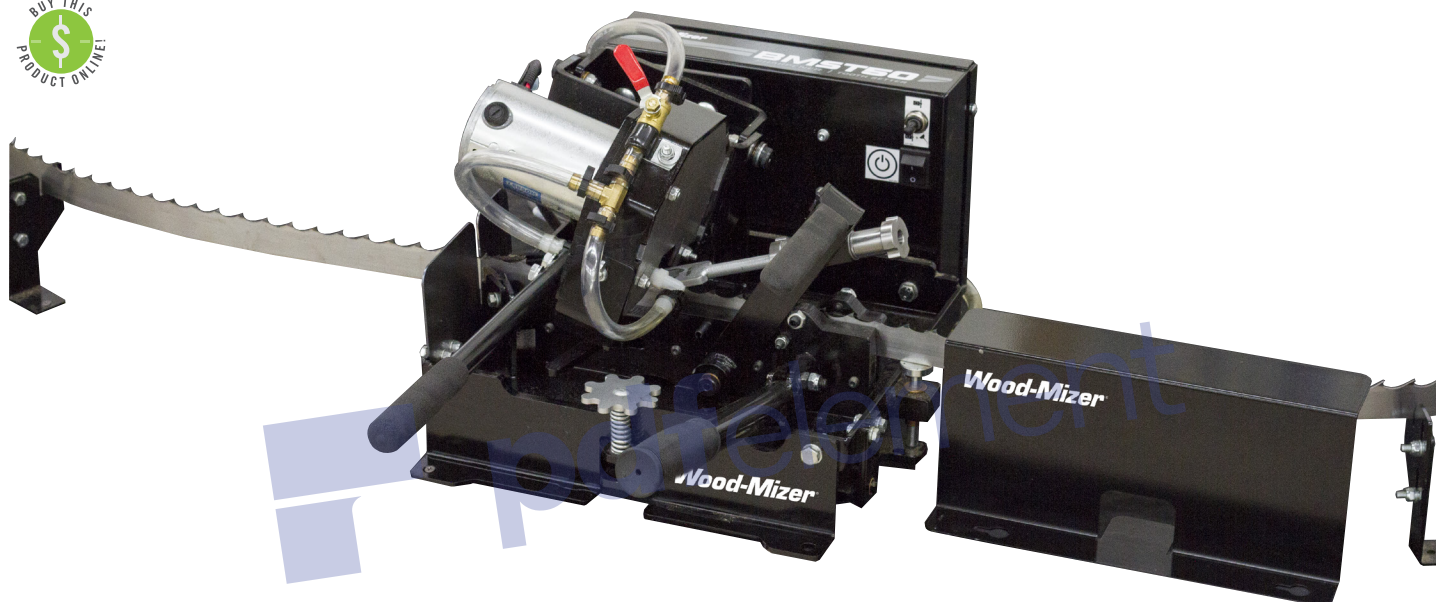
*Grinding wheels and oil sold separately.
See pages 18-19 for grinding wheels and accessories.

BMST50 CBN Sharpener & Setter

The BMST50 enables blade sharpening and setting with a single machine. Manually operated, this efficient, space saving unit will provide a complete blade ready for sawing. With a capacity of 1" to 1.5" blades, the BMST50 offers many adjustable features to maintain blade precision and accuracy.

This product is covered by U.S. Patent No: 10,315,260 B2

Part #: **BMST50MU** (100V-240V)



BMST50		
	Imperial	Metric
Grinding Motor	1/7 HP	0.1066 kW
Grinding Wheel*	5" CBN	127 mm CBN
Blade Capacity	1" - 1½"	25 mm - 38 mm
Available Tooth Spacing	7/8" Pitch	22.22 mm Pitch
Available Profiles	4°, 7°, Turbo 739°, 9°, 10°, Vortex 10°, 13°, Turbo 747°	
Operation	Manual	
Production Capacity	Individual	
Power	100V-240V AC, 50/60 Hz	

*Grinding wheels and oil sold separately.
See pages 18-19 for grinding wheels and accessories.

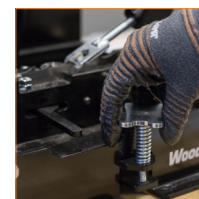
FEATURES:



5" Diameter CBN Wheel



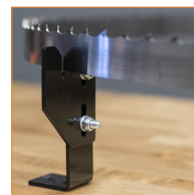
Adjustable set points



Blade Adjustment
Adjust single knob for
1"-1½" wide blades



Tooth Setter Gauge
Included for consistent
and accurate setting



Blade Support Brackets
Adjustable brackets

BMT250

TOOTH SETTER

Elimina la filigrana digital ahora

BMT250 Automatic Dual Tooth Setter

The BMT250 is the most productive and efficient dual tooth setter available by Wood-Mizer. This machine will set both sides of the blade to extreme accuracy. With the dial indicators mounted on each side, the teeth can be set within .001-.002 accuracy. With the electrical control station, the operator can allow the tooth setter to operate automatically providing trusted quality set. The adjustable tooth counter will shut down the feed system once the blade has been completely set.

Part #: **BMT250MUD**

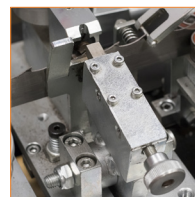


Electrical Auto Feed Control Box
Auto/Manual index switch and tooth counter

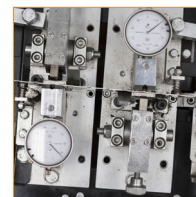
SPECIFICATIONS:

BMT250		
	Imperial	Metric
Blade Capacity	1" – 3"	25 mm – 76 mm
Tooth Space Indexing	½" – 1¼"	13 mm – 32 mm
Operation	Auto start/stop	
Production Capability	Industrial/Professional	
Power	120V/240V 50/60 Hz	

FEATURES:



Adjustable Pushers
For precise tooth setting



Dial Indicators
Measure tooth set



Clamping Mechanism



Blade Height Adjustment Knob & Pins
Adjust up/down single knob and insert pins for 1"-3" (25 mm - 76 mm) wide blades.



Tooth Setter Gauge
Included for consistent and accurate setting

See pages 18-19 for accessories.

BMT200 Manual Dual Tooth Setter

The BMT200 is the manual version of the BMT250. Rather than utilizing an electrical control box to operate the dual tooth setter, a handle is mounted in front of the box frame. The BMT200 handle is cranked in a counter clockwise motion to advance the blade and set the teeth. This simple-to-use crank handle sets two teeth per revolution with the same precision and accuracy as the BMT250. The operator must mark the starting position on the blade (weld) and go around the entire blade until this position is reached again.

Part #: **BMT200**

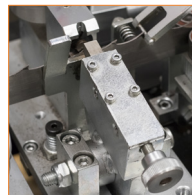


Manual Hand Crank

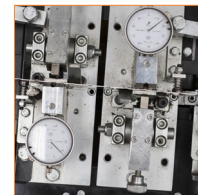
SPECIFICATIONS:

BMT200		
	Imperial	Metric
Blade Capacity	1" – 3"	25 mm – 76 mm
Tooth Space Indexing	½" – 1¼"	13 mm – 32 mm
Operation	Manual crank handle	
Production Capability	Professional/Shop	

FEATURES:



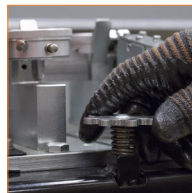
Adjustable Pushers
For precise tooth setting



Dial Indicators
Measure tooth set



Clamping Mechanism



Blade Height Adjustment Knob & Pins
Adjust up/down single knob and insert pins for 1"– 3" (25 mm - 76 mm) wide blades.



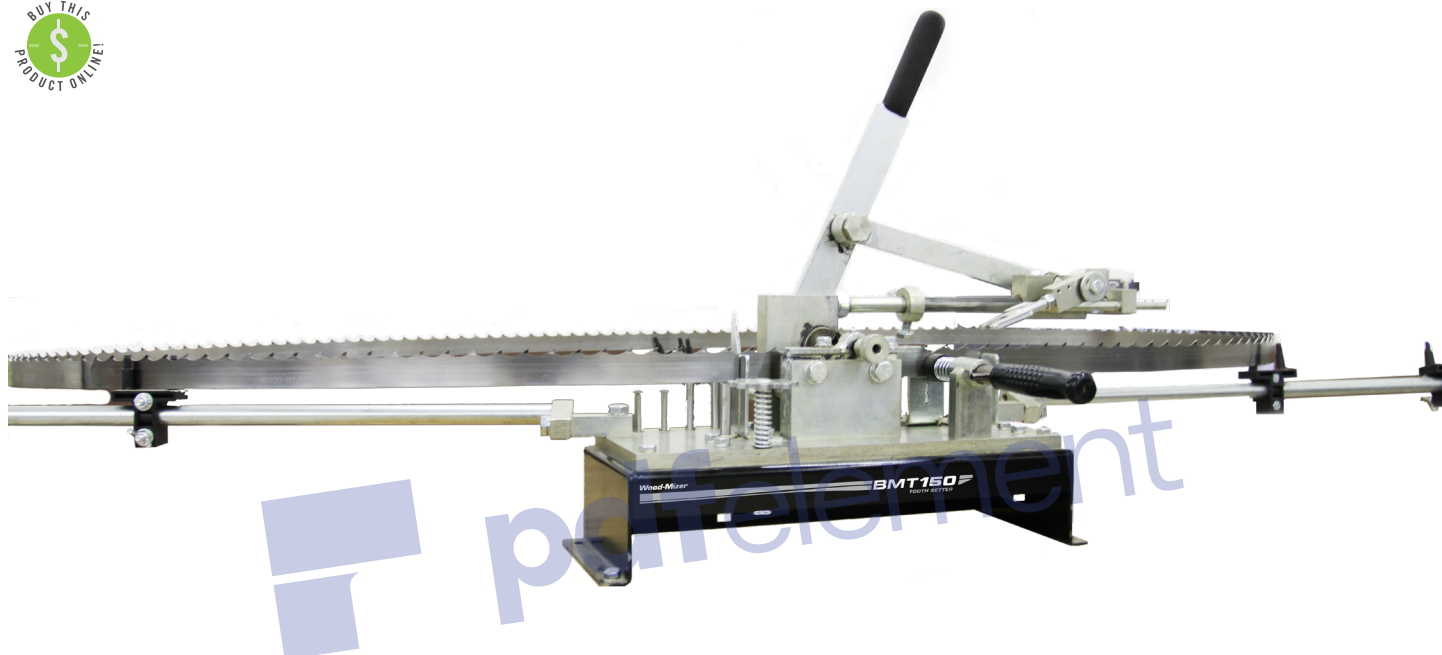
Tooth Setter Gauge
Included for consistent and accurate setting

See pages 18-19 for accessories.

BMT150 Manual Tooth Setter

The BMT150 is a manually operated tooth setter that sets two teeth at a time. A ratchet lever is used to advance and set both sides of the blade in one cycle, eliminating the need to invert the blade. This setter comes with a "Set Master Gauge" which allows for consistent and accurate setting. The BMT150 features adjustable tooth spacing from $\frac{1}{2}$ " to $1\frac{1}{4}$ " (13 mm - 32 mm) and can be used for 1" to 3" (25 mm - 76 mm) blades.

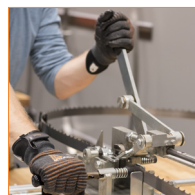
Part #: BMT150-1



SPECIFICATIONS:

BMT150		
	Imperial	Metric
Blade Capacity	1" - 3"	25 mm - 76 mm
Tooth Space Indexing	$\frac{1}{2}$ " - $1\frac{1}{4}$ "	13 mm - 32 mm
Operation	Manual	
Production Capability	Individual	

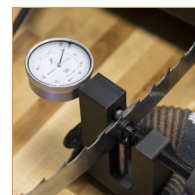
FEATURES:



One Cycle Lever Action



Bench Mount



Tooth Setter Gauge
Included for consistent and accurate setting



Sets 2 sides at once
Efficiently sets both sides in one cycle



Adjustable tooth spacing



Blade Adjustment
Adjust height for 1"-3" (25 mm - 76 mm) wide blades

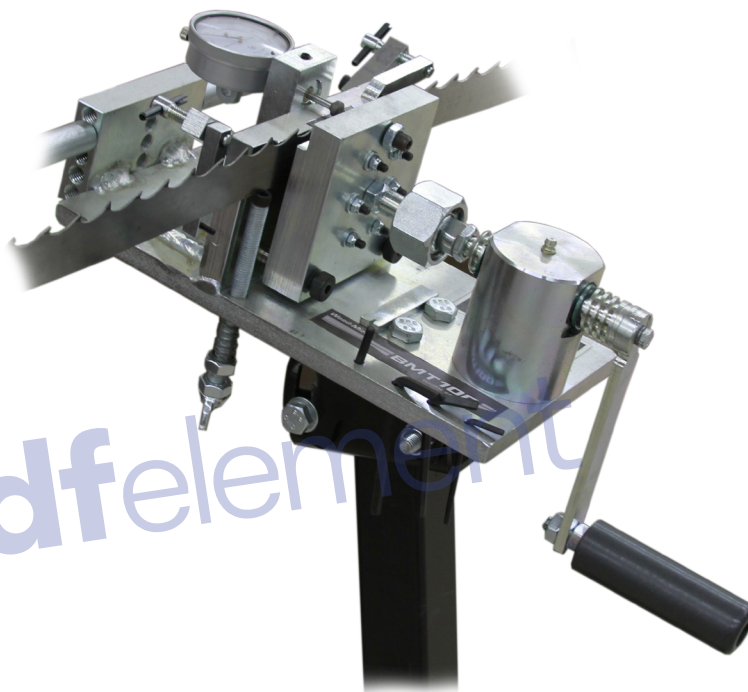
See pages 18-19 for accessories.

BMT100 Manual Tooth Setter

The BMT100 is a manually operated economical tooth setter that sets one tooth at a time. This unit contains a dial indicator that accurately measures the tooth set while the blade is manually advanced by hand, setting one side at a time. Once this entire side is set the blade must be inverted for completion of teeth on the other side. This manual tooth setter will ensure that your set is symmetrical and consistent tooth-to-tooth and side-to-side. The BMT100 is a reliable option for low volume operations that demand consistent set patterns. This setter comes with a "Bend Back Tool" that allows for correcting over set teeth.

Part #: **BMT100-2** 1" - 2" (25mm - 51mm)

Part #: **BMT100-3** 1" - 3" (25mm - 76mm)



SPECIFICATIONS:

BMT100		
	Imperial	Metric
Blade Capacity	1" - 2" or 1" - 3"	25 mm - 51 mm or 25 mm - 76 mm
Tooth Space Indexing	½" - 1¼"	13 mm - 32 mm
Operation	Manual crank handle	
Production Capability	Individual	

FEATURES:



Manual crank handle



Blade Indexing Pawls
Adjusts tooth spacing



Adjustable Tooth Set Dial



Blade Height Adjustment
For 1" - 2" or 1" - 3"
wide blades



Blade Support Arms
Adjustable brackets.

See pages 18-19 for accessories.

ACCESSORIES

SHARPENERS AND SETTERS

Elimina la filigrana digital ahora



Tooth Set Gauge

Properly set band blades are just a clamp away with the Tooth Set Gauge from Wood-Mizer. This practical tool makes measuring the set of any band blade tooth both simple and fast.

Benefits:

- Simple to use
- Economical
- Keeps you in control of your set and blade performance

Features:

- Calibrating pin allows gauge to be adjusted to true zero
- Clamp knob and plate secure the blade
- Dial gauge displays set measurement

Part #: **060490**

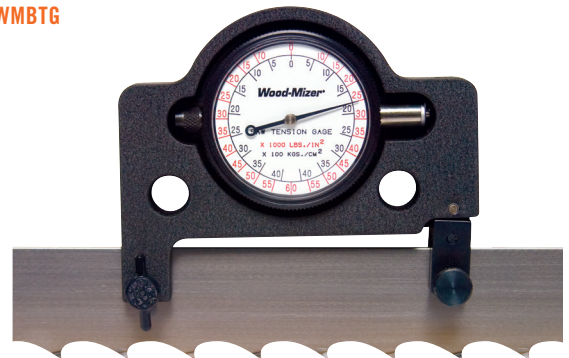


Blade Tension Gauge

Ensure proper blade tension with Wood-Mizer's blade tension gauge. This precise instrument makes it simple to keep the correct pressure on your blade which is one key point in accurate cutting.

- Troubleshooting tool to improve sawing performance
- Measures tension applied to blade in PSI (pounds per square inch)
- Reads adjustments (or changes) in tension for different widths and thickness of saw blades.

Part #: **WMBTG**



CBN GRINDING WHEELS



5" (127mm) CBN Grinding Wheels (for use with BMS250 & BMST50)

NEW!

10/30 1/2" TS Part #: 053411	12/28 5/8" TS Part #: 030395	10/30 3/4" TS Part #: 053358	4/32 7/8" TS Part #: 050744	7/34 7/8" TS Part #: 053294	T7/39.5 7/8" TS Part #: 066268	T7/47 7/8" TS Part #: 077722	9/29 7/8" TS Part #: 030380	10/30 7/8" TS Part #: 030381	Vortex 10 7/8" TS Part #: 077698	13/29 7/8" TS Part #: 030389	10/30 1" TS Part #: 077708	7/34 11/8" TS Part #: 053446	10/30 11/8" TS Part #: 053034	13/29 11/8" TS Part #: 053033	T7/39.5 1 1/4" TS Part #: 077704
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8" (203mm) CBN Grinding Wheels (for use with BMS500)

NEW!

10/30 1/2" TS Part #: 053412	12/28 5/8" TS Part #: 030394	10/30 3/4" TS Part #: 053359	4/32 7/8" TS Part #: 050145	7/34 7/8" TS Part #: 053096	T7/39.5 7/8" TS Part #: 066267	T7/47 7/8" TS Part #: 077721	9/29 7/8" TS Part #: P30188	10/30 7/8" TS Part #: 030310	Vortex 10 7/8" TS Part #: 077700	13/29 7/8" TS Part #: 030388	10/30 1" TS Part #: 077707	7/34 11/8" TS Part #: 053447	10/30 11/8" TS Part #: 052861	13/29 11/8" TS Part #: 052672	T7/39.5 1 1/4" TS Part #: 077703
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DIAMOND GRINDING WHEELS

(For use with RazorTip Carbide Blades only.)

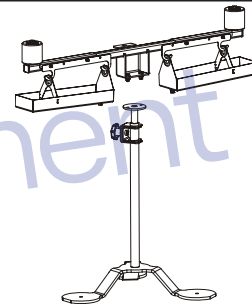


5" (127mm) Diamond Grinding Wheels -

7° Part #: 077014	10° Part #: 077010	12° Part #: 077012
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8" (203mm) Diamond Grinding Wheels -

7° Part #: 077015	10° Part #: 077011	12° Part #: 077013
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Blade Support Kit for 3" Blades

For customers who want to work with 3" blades or blades which are longer than standard ones. Set of two.

Part #: 505584



Support Extensions

(Optional for sharpener and setters)

Part #: A20912



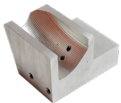
1 1/4" Oiler Block 5"
Part #: 509580



Red Layout Dye
Part #: 057791



5 Gal Grinding Oil
Part #: 010740



1 1/4" Oiler Block 8"
Part #: 101235

Why ReSharp?

Our sharpened blades perform like brand new ones

The Most Advanced Technology

Full profile ground—from tip to tip

Save 15% on replacement blades when we replace "unusable" blades through the Auto Replace Program.

Wood-Mizer **RESHARP**
BLADE SHARPENING SERVICE



Wood-Mizer *blades*