

RIPSAW

PORTABLE SAWMILLS



Blades



Our blades are made of silicon steel for maximum flexibility. They measure .025" thick by 3/4" wide by 90" long. The life expectancy of a blade is determined by many factors. Hardness of wood, cleanliness and abrasiveness are some factors

to consider. Keeping a blade sharp will extend its life tremendously. On the average, our silicon steel blade will cut up to 500 linear feet. Our blade sharpener, accompanied by our diamond sharpening stones make blade sharpening easy. The blades can be sharpened while mounted to the mill. A Dremel tool also works very well with our sharpening stones.

Blade Guide Bearings

The Ripsaw blade is kept in alignment with 2 sealed ball bearings and 2 carbide guides. These guides keep the blade straight to maintain a straight and accurate cut.



Diamond Sharpening Stones

Our Diamond impregnated sharpening stones will allow you to sharpen your Ripsaw blades on site using our 12 volt sharpener or a variable speed Dremel tool. Each stone can be used 3 - 5 times.



- 1/8" shank, 5/32" diameter stone

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visit our website for more information

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The Ripsaw is a chainsaw driven band saw that offers you a convenient way to drop a tree and after a 10 minute changeover, turn your chainsaw into a portable sawmill. The narrow .050" blade kerf maintains a smooth and accurate cut and also minimizes wood loss which is prevalent with standard "Chainsaw Mills"

With a weight of only 45 pounds, the single-person operated RIPSAW can cut lumber from 1/8" to 9" thick. It can easily be carried and operated by one person. The RIPSAW allows you the flexibility of producing dimensional lumber from logs that measure up to 20" in diameter as well as re-sawing precut timbers. With a throat opening of 9" H X 14" W, the possibilities are practically endless. Homeowners, timber framers, boat builders, and woodworkers are among the thousands of people who have been purchasing RIPSAW portable sawmills since 1986.

Cutting Lumber

- 1) Trim any high spots off the log.
- 2) Place the aluminum beam on top of the log.
- 3) Attach the end clamps to the guide beam and secure by tapping end clamp pins into the end of the log.
- 4) Insert support pin(s) and fasten with knob(s) provided, to insure a flat/straight surface for cutting longer logs.
- 5) Set the cutting depth to clear the clamp system and make your first cut.
- 6) Remove the beam and clamps and rotate the log 90 degrees.
- 7) Place the guide beam on top of the log. Using a framing square, align the cut side of the log to be perpendicular to the top of the guide beam and repeat steps 3, 4, 5, and 6.
- 8) Make your second cut.
- 9) Remove the guide beam and set the depth of the saw to cut the desired thickness of boards.
- 10) You can now make cuts using the surface of the log that you have cut as a guide. (To cut boards with finished edges you will need to drop the saw to maximum depth and cut a third square edge.)

Ripsaw Carriage System

The Ripsaw Carriage System is of steel welded construction with polymer wheels that ride on a schedule 80 steel pipe base. Each Ripsaw Carriage System is shipped with enough rail to cut up to 13 foot logs. Additional 5'3" rail sections are available. The blade height adjustment is controlled with a crank that turns gears which travel on two acme threaded rods. Four turns of the crank raises or lowers the blade 1". The carriage may also be mounted to a flat trailer for easy sawmill transport.

Carriage Specs

- Steel welded frame
- Precision Acme threaded rod uprights for accurate lumber dimensions
- Single crank for board/timber thickness adjustment (4 turns=1 inch)
- Easy rolling polymer wheels
- Mounts to your Ripsaw easily with 3 bolts. No modifications required
- Adjustable log clamping and squaring device
- Increases productivity by decreasing setup time

Ripsaw Specs

(Including engine)

Weight 45 pounds (approx.)
 Dimensions 44"L x 18" H x 16" D
 Blade size 3/4" W x 90" L x .025"
 Blades kerf .050"

Each Ripsaw is shipped with:

- 2 - Blades
- 2 - 5'3" guide beams (10.5ft total cutting length) Additional Guide Beams available
- 1 - Ripsaw Demonstration Video

Adaptable Chainsaw powerheads:

* Chainsaw powerheads are sold separately. Stihl chain saws require a 7-tooth spur gear sprocket.

Stihl models: 026, 028, 029, MS290, 034, 036, MS360, MS361, 036PRO, 038, MS380, 039, MS390, 044, MS440, 046, MS460 064, 066, MS660, E20 and E220 (Electric)

Jonsered models: 2065 and 2071

Husqvarna models: 365, 371, 372, 385, 395

Cutting rates:

Engine Size	Softwood	Hardwood
2.7 hp, 15amp	8 fpm	3 fpm
3.7 hp, 3.3 ci	9 fpm	4 fpm
4.5 hp, 3.75 ci	12 fpm	8 fpm
5 hp 4., 3 ci	12 fpm	9 fpm



Wooden base not included