

WM2500

INDUSTRIAL SAWMILL

NEW


ACHIEVE PEAK PRODUCTION GEAR UP AND CHANGE YOUR GAME

The WM2500 Industrial Sawmill is a game-changer tailored for peak production, operating seamlessly as a standalone primary headrig to saw pallet boards, grade or dimensional lumber, or as a vital component of a complete sawmilling system.

Its advanced features, such as high-speed servo networks and versatile log handling capabilities ensure precision, stability and operational efficiency. The versatile, robust and powerful horizontal sawmill provides a comprehensive solution to maximize log yield and optimize log breakdown in industrial settings – the ideal choice for scaling your business.

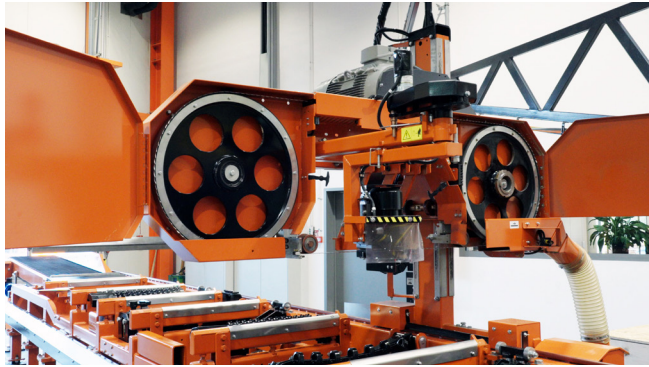


Wood-Mizer
from forest to final form®

Click here to watch
the machine in action 



woodmizer.com



HEAD

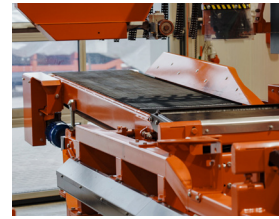
- The **high-speed head up/down servo drive** elevates performance and drastically cuts saw head positioning time, ensuring smoother, more efficient operation with enhanced speed and precision for your sawmill.
- The **versatile up/down range head feature** on the sawmill head is adjustable from 1" to an impressive 33".



- **Blade guide rollers** of 3" diameter, together with 2" wide sawmill blades, provide precision and stability while cutting.
- The new **high-performance blade wheel belt system** reduces vibration and sawdust interference, extending blade life and optimizing performance.
- Accurately set the machine for its first cut with the **laser sight**.
- Maintain and change the blades with ease with the **three-piece all metal blade covers**.
- **Debarker** removes dirt and bark from the table path, extending the blade life.
- Enhance operational efficiency with the **material drag-back system/board removal system**.

BED

- The bed can consistently support large logs. Its **heavy-duty, reinforced bed construction** is built to endure.
- For seamless integration into secondary processing and material handling systems, the WM2500 has an **adjustable angled board/cant removal conveyor**.
- **Roof-top angled bed rails** reduce debris on the bed and have fewer hang-ups when dragging off material.



OPERATOR CONTROL CONSOLE

- The **elevated control platform** gives you a commanding view of your sawmilling operation.
- The **joystick** controls the sawmill head up and down, variable feed speeds, blade guide arm, blade lubrication and debarker.
- **Presets and setworks** streamline the log breakdown. Adjusting the board thickness is simple and quick, with settable preset buttons.
- Enjoy a **comfortable working environment** with an adjustable chair, cup holder, phone holder, and USB chargers.



HYDRAULIC CONTROL

Independent hydraulic controls simplify log handling by activating the in/out and up/down log clamps, chain turners and powered taper rollers.

Handle logs with ease using two **bi-directional chain log turners**.



Secure logs firmly in place using the **bed-mounted dual-rod main log clamp**.



Two **independently powered taper rollers** help to optimize log yield.



The **three dual-rod vertical side supports** provide robust support during operations.

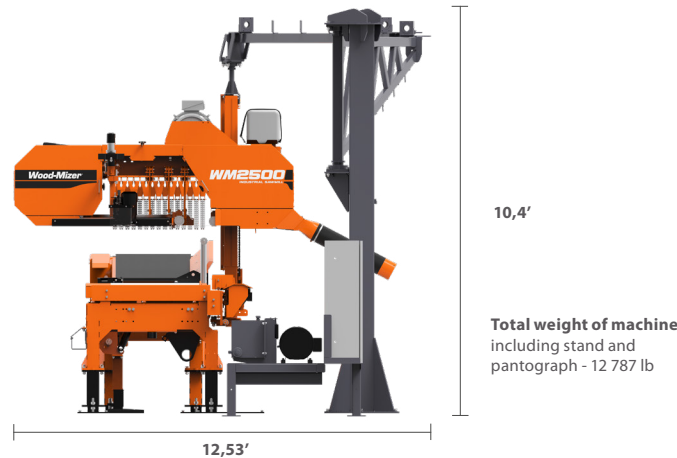


KEY FEATURES

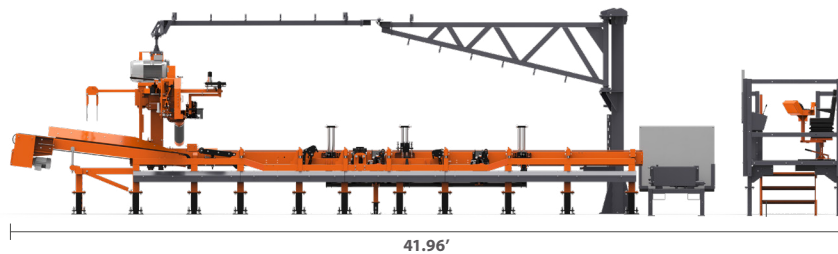
- The sawmill comes complete with an **operator stand** featuring a **hydraulic pump of 10 HP at 7.4 GPM** and a **central electric box** separate from the bed.
- The **pantograph** ensures cabling is kept secure and dust free while minimizing cable wear during operation.

VIEWS

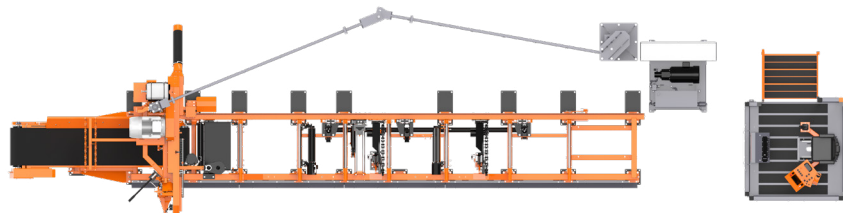
FRONT



SIDE



TOP



SPECIFICATIONS

POWER
ELECTRIC



30 HP

LOG
LENGTH



6' - 20'

WIDTH
OF CUT



33"

LOG
DIAMETER



41"

CUTTING
HEIGHT



33"

CLEARANCE
BETWEEN ROLLERS



34"

Description

Head

Thin-kerf heading

High-speed servo networks

Saw head travel (up/down)

Min 1", Max 33"

Blade Wheel System

Blade guide rollers

3"

Three-piece all metal blade covers

Blade wheel diameter

24"

Saw blade width

2" (1.5" optional)

Saw blade length

196"

Bed*

Heavy-duty reinforced bed

Medium/Standard length

Roof-top angled bed rails

Adjustable angled board/cant removal conveyor

1

Hydraulic Equipment

Hydraulic pump

10 HP at 7.4 GPL

Dual-rod vertical side supports

3

Bed-mounted dual-rod main log clamp

1

Bi-directional chain log turners

2

Independent powered taper rollers

2

Optional Equipment and Accessories

Operator cabin

Log loading deck

3-Way conveyors/sorting tables

Chain conveyors

Operator Control Console

Adjustable buttons

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Cup holder, phone holder, USB chargers and adjustable chair

*Wood-Mizer has standardized bed height of 42" on all industrial sawmills. Specifications are subject to change without notice.

WMSYSTEMS/WM2500/APRIL/0424