

Holzmann MOBAS2

Holzmann MOBAS2 Mobile Sawmill

Instruction Manual

INTRODUCTION

The Holzmann MOBAS2 mobile sawmill is designed to work in conjunction with your chainsaw, enabling the transformation of tree trunks into usable planks or beams. This robust and portable system provides a stable platform for precise cuts, making it an essential tool for woodworking and lumber production.

Key features include a height adjustment crank with a clear measuring scale on the column, a roller system for smooth operation (basic version offers 2.10 m cutting length), and an ergonomic control handle for safe and comfortable guidance of your chainsaw. The unit also includes a throttle device for chainsaw control and two supports with a log support mechanism.

This manual provides essential information for the safe and efficient setup, operation, and maintenance of your Holzmann MOBAS2 Mobile Sawmill.

SETUP

Unpacking and Inspection

1. Carefully unpack all components from the packaging.
2. Verify that all parts listed in the packing list are present.
3. Inspect all components for any signs of damage incurred during shipping. Do not proceed with assembly if any damage is found; contact your supplier immediately.

Assembly Instructions

Follow these steps to assemble your Holzmann MOBAS2 Mobile Sawmill:

1. **Assemble the Track System:** Connect the track sections securely. Ensure all fasteners are tightened to prevent movement during operation. The basic version provides a 2.10 m cutting length.

2. **Attach the Supports:** Mount the two log supports to the track system. These supports are crucial for stabilizing the log during cutting.
3. **Install the Sawmill Carriage:** Place the sawmill carriage onto the track. Ensure it glides smoothly along the track without excessive play.
4. **Mount the Height Adjustment Column:** Secure the column with the height adjustment crank and measuring scale to the carriage. This mechanism controls the cutting depth.
5. **Attach the Control Handle:** Fasten the control handle to the carriage. This handle provides a secure grip for guiding your chainsaw.
6. **Integrate Your Chainsaw:** Securely mount your compatible chainsaw to the sawmill carriage using the provided brackets. Ensure the chainsaw is firmly attached and aligned correctly for cutting.
7. **Connect the Throttle Device:** Attach the throttle device to your chainsaw's throttle mechanism and the sawmill's control handle. This allows for convenient throttle control from the handle.

After assembly, perform a final check to ensure all connections are tight and the system is stable.



An image showing the Holzmann MOBAS2 Mobile Sawmill frame, designed to hold a chainsaw for cutting logs into lumber. The frame is red and features a track system, log supports, and a carriage for mounting a chainsaw.

OPERATING INSTRUCTIONS

Safety Precautions

- Always wear appropriate personal protective equipment (PPE), including safety glasses, hearing protection, gloves, and sturdy footwear.
- Ensure the work area is clear of obstructions and bystanders.
- Never operate the sawmill under the influence of alcohol or medication.
- Before starting, check that all components are securely fastened and the chainsaw is properly mounted.
- Familiarize yourself with the chainsaw's safety features and operation before use with the sawmill.

Preparing the Log

1. Select a log with a maximum diameter of 400 mm.
2. Position the log securely on the two log supports. Ensure the log is stable and will not roll or shift during cutting.
3. Use additional wedges or clamps if necessary to further stabilize the log.

Setting the Cutting Depth

1. Use the height adjustment crank to raise or lower the chainsaw carriage.
2. Refer to the measuring scale on the column to set the desired cutting depth for your plank or beam.
3. Ensure the setting is locked in place before starting the cut.

Making a Cut

1. Start your chainsaw according to its manufacturer's instructions.
2. Engage the chainsaw blade using the throttle device on the control handle.
3. Using the control handle, slowly and steadily guide the chainsaw carriage along the track through the log. Maintain a consistent feed rate for a smooth cut.
4. Do not force the chainsaw; allow the blade to do the work.
5. Once the cut is complete, disengage the chainsaw blade and turn off the chainsaw.
6. Carefully remove the cut lumber and reposition the log for the next cut, adjusting the height as needed.

MAINTENANCE

General Maintenance

- **Cleaning:** After each use, clean the sawmill frame, tracks, and carriage to remove sawdust, resin, and debris. A brush and compressed air can be effective.
- **Lubrication:** Periodically lubricate the track rollers and height adjustment mechanism with a suitable lubricant to ensure smooth operation.
- **Fastener Check:** Regularly inspect all bolts, nuts, and fasteners for tightness. Tighten any loose connections to maintain structural integrity.
- **Chainsaw Maintenance:** Refer to your chainsaw's instruction manual for its specific maintenance requirements, including chain sharpening, oiling, and air filter cleaning.

Storage

Store the Holzmann MOBAS2 Mobile Sawmill in a dry, clean environment, protected from direct sunlight and extreme temperatures. If storing for an extended period, consider applying a thin layer of rust preventative to metal parts.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Chainsaw carriage does not glide smoothly.	Accumulation of sawdust/debris on tracks; dry rollers; misaligned tracks.	Clean tracks thoroughly; lubricate rollers; check track alignment and adjust if necessary.

Problem	Possible Cause	Solution
Inaccurate cutting depth.	Height adjustment not locked; measuring scale misread; unstable log.	Ensure height adjustment is securely locked; re-read scale carefully; secure log firmly.
Chainsaw binds or struggles during cut.	Dull chainsaw chain; improper feed rate; log tension.	Sharpen or replace chainsaw chain; reduce feed rate; check log for internal tension and adjust cutting approach if possible.
Excessive vibration during operation.	Loose fasteners; unstable setup; unbalanced chainsaw.	Check and tighten all fasteners; ensure sawmill is on level, stable ground; verify chainsaw is properly mounted.

For issues related to the chainsaw itself, please refer to your chainsaw's specific instruction manual.

SPECIFICATIONS

- Model:** MOBAS2
- Manufacturer:** Holzmann Maschinen
- Product Dimensions (L x W x H):** 153 x 17 x 44 cm (60.2 x 6.7 x 17.3 inches)
- Item Weight:** 60 kg (132.2 lbs)
- Maximum Log Diameter:** 400 mm (15.7 inches)
- Track Length (Basic Version):** 2.10 m (6.9 feet)
- Color:** Red
- Handle Material:** Plastic
- Certification:** CE
- Special Feature:** Designed for use with chainsaws
- Included Components:** Sawmill frame, track system, log supports, height adjustment mechanism, control handle, throttle device. *(Note: Chainsaw is not included and must be supplied by the user)*
- Power (Sawmill Frame):** 69 Watts (This refers to any minor electrical components, the main cutting power comes from the user's chainsaw.)

WARRANTY INFORMATION

Specific warranty details for the Holzmann MOBAS2 Mobile Sawmill are not provided in the product information. Please refer to the warranty documentation included with your purchase or contact your retailer for information regarding warranty coverage and terms.

SUPPORT

For technical assistance, spare parts, or further inquiries regarding your Holzmann MOBAS2 Mobile Sawmill, please contact your authorized Holzmann dealer or the point of purchase. Ensure you have your product model number (MOBAS2) and purchase date available when contacting support.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

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After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question