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YARDMAX YS0552

YARDMAX YS0552 5 Ton Electric Log Splitter User Manual

Model: YS0552 | Brand: YARDMAX

PRODUCT OVERVIEW

The YARDMAX YS0552 5 Ton Electric Log Splitter is designed for efficient and simple log splitting. This high-powered, yet lightweight and maneuverable electric log splitter provides the necessary force for various log splitting tasks, offering a clean and convenient operation.



Figure 1: Overall view of the YARDMAX YS0552 Electric Log Splitter, showcasing its orange frame, grey splitting mechanism, and integrated stand with wheels.

KEY FEATURES

- **Powerful 5-Ton RAM Force:** Provides sufficient power for effective log splitting.
- **Included Stand and Log Tray:** Enhances user comfort and efficiency by raising the working height and providing a convenient area for split logs.
- **Two-Handed Operation:** Designed for enhanced operator safety.
- **Log Capacity:** Accommodates logs up to 20.5 inches in length and 10 inches in diameter.
- **Short Cylinder Cycle Time:** Features a rapid 16-second cycle time for quick operation.
- **Stroke Limiter:** Allows adjustment of the ram's return stroke for shorter logs, improving efficiency.

SETUP AND ASSEMBLY

The YARDMAX YS0552 log splitter requires some assembly before first use. It is recommended to have assistance during assembly due to the weight of certain components, particularly when attaching the stand.

1. **Unpacking:** Carefully remove all components from the packaging. Inspect for any shipping damage.
2. **Stand Assembly:** Attach the metal stand components to the main log splitter unit. Ensure all bolts are securely fastened. Some users have noted that aligning bolt holes can be challenging and may require minor adjustments or the use of straps to pull components into place.
3. **Log Tray Installation:** Secure the log tray to the designated area on the splitter.
4. **Bleed Screw:** Locate and open the hydraulic bleed screw before operation. This is crucial for proper hydraulic system function and must be closed after use for transport or storage.
5. **Power Connection:** Connect the log splitter to a suitable power outlet. Ensure the extension cord, if used, is of appropriate gauge (e.g., 12-gauge for 15-amp engine) to prevent power loss or overheating.



Figure 2: Rear view of the log splitter, illustrating the sturdy metal stand and wheels for portability. The stand elevates the splitter to a comfortable working height.

OPERATING INSTRUCTIONS

Always wear appropriate personal protective equipment (PPE) including safety glasses, gloves, and sturdy footwear when operating the log splitter.

1. **Preparation:** Ensure the log splitter is on a stable, level surface. Open the hydraulic bleed screw.
2. **Log Placement:** Place a log onto the splitting bed, ensuring it is centered against the wedge. The log capacity is 20.5 inches in length and 10 inches in diameter. Logs should be cut straight to prevent sliding.
3. **Two-Handed Operation:** To initiate the splitting action, simultaneously engage both control levers. This two-handed design is a safety feature to keep hands away from the splitting wedge.
4. **Splitting:** The ram will extend, pushing the log against the wedge. The cycle time is approximately 16 seconds.
5. **Ram Return:** Release the control levers to allow the ram to return to its starting position.
6. **Stroke Limiter (Optional):** For shorter logs, adjust the stroke limiter to reduce the ram's return distance, speeding up the process.
7. **Repeat:** Continue splitting logs as needed.



Figure 3: A log being split by the machine, demonstrating the wedge and ram mechanism in action. The log tray is visible, designed to catch split pieces.

Video 1: Official YARDMAX demonstration of the YS0552 Electric Log Splitter in operation, highlighting its ease of use and efficiency in splitting various log sizes.

MAINTENANCE

Regular maintenance ensures the longevity and safe operation of your log splitter.

- **Hydraulic Fluid Check:** Periodically check the hydraulic fluid level. If a minor leak is observed (as noted by some users), topping off the fluid once at the start of the splitting season may be sufficient. Refer to the full user manual for specific fluid type and capacity.
- **Cleaning:** After each use, clean wood debris from the splitting bed, ram, and motor area.
- **Inspection:** Regularly inspect all bolts, nuts, and moving parts for tightness and wear. Tighten any loose fasteners.
- **Storage:** When not in use, store the log splitter in a dry, protected area. Close the hydraulic bleed screw before moving or storing the unit.

TROUBLESHOOTING

This section addresses common issues you might encounter with your log splitter.

Problem	Possible Cause	Solution
Log splitter not operating.	No power, hydraulic bleed screw closed, or safety levers not engaged simultaneously.	Check power connection. Open hydraulic bleed screw. Ensure both control levers are pressed at the same time.
Ram not extending fully or with reduced force.	Low hydraulic fluid, air in the hydraulic system, or log exceeding capacity.	Check and top off hydraulic fluid. Ensure bleed screw is open during operation. Do not attempt to split logs larger than specified capacity.
Difficulty during assembly (e.g., aligning holes).	Manufacturing tolerances or component weight.	Seek assistance for assembly. Use clamps or straps to temporarily align components if needed.
Hydraulic fluid leak.	Loose fittings or worn seals.	Check all hydraulic connections for tightness. If persistent, consult the full user manual or contact YARDMAX customer support.

For more detailed troubleshooting, refer to the complete User Manual available for download.

SPECIFICATIONS

- **Manufacturer:** YARDMAX
- **Part Number:** YS0552
- **Item Weight:** Approximately 1 pound (Note: This seems to be a placeholder or incorrect value from the source data, actual weight of log splitter is significantly higher).
- **Package Dimensions:** 40 x 8 x 5 inches
- **Item Model Number:** YS0552
- **Item Package Quantity:** 1
- **Measurement System:** US

- **Batteries Included/Required:** No
- **Date First Available:** August 31, 2016

WARRANTY AND SUPPORT

YARDMAX products are known for their quality craftsmanship and metal parts. While specific warranty details are not provided in the immediate product description, YARDMAX typically offers a 2-Year Limited Warranty on their equipment. For precise warranty terms, service, or technical support, please refer to the official YARDMAX website or the full user manual. Additional support documents, including the full User Manual and Installation Manual, are available in PDF format. It is highly recommended to consult these documents for comprehensive information regarding safety, operation, and maintenance.

[Official User Manual \(PDF\): Download Here](#)

[Official Installation Manual \(PDF\): Download Here](#)

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Related Documents - YS0552

	<p>YARDMAX Electric Log Splitter YS0952 Operator's Manual</p> <p>This operator's manual provides comprehensive instructions for the YARDMAX YS0952 Electric Log Splitter. It covers essential safety precautions, detailed specifications, operating procedures, maintenance guidelines, troubleshooting tips, and a complete parts list. Ensure safe and efficient operation by reading and understanding this manual before use.</p>
	<p>YARDMAX YS0650 Electric Log Splitter Operator's Manual</p> <p>Operator's manual for the YARDMAX YS0650 electric log splitter, covering specifications, safety, operation, maintenance, troubleshooting, and parts.</p>
	<p>YARDMAX YS0952 Electric Log Splitter Operator's Manual Safety, Operation, and Maintenance</p> <p>Comprehensive operator's manual for the YARDMAX YS0952 Electric Log Splitter. Covers safety precautions, operating instructions, specifications, troubleshooting, parts list, and maintenance.</p>

 <p>The cover of the YARDMAX Gas Log Splitter Operator's Manual features the brand logo at the top left. Below it, the title 'Gas Log Splitter' is prominently displayed, followed by 'Operator's Manual'. A technical line drawing of the log splitter is shown on the right side. On the left, there are sections for 'MODEL NUMBER', 'SERIAL NUMBER', 'PARTS NUMBER', and 'PURCHASE DATE'. At the bottom, a safety warning reads 'FOR YOUR SAFETY READ AND UNDERSTAND THE ENTIRE MANUAL BEFORE OPERATING THIS MACHINE.' and a small button labeled 'Save the Cover Checklist!' is visible.</p>	<p>YARDMAX Gas Log Splitter Operator's Manual - YS3265, YS3665, YS4065</p> <p>Comprehensive operator's manual for YARDMAX Gas Log Splitters (Models YS3265, YS3665, YS4065), covering safety, assembly, operation, maintenance, storage, and troubleshooting. Includes detailed specifications and parts lists.</p>
 <p>The cover of the YARDMAX Electric Log Splitter Operator's Manual features the brand logo at the top left. Below it, the title 'Electric Log Splitter' is prominently displayed, followed by 'Operator's Manual'. A technical line drawing of the log splitter is shown on the right side. On the left, there are sections for 'MODEL NUMBER', 'SERIAL NUMBER', 'PARTS NUMBER', and 'PURCHASE DATE'. At the bottom, a safety warning reads 'FOR YOUR SAFETY READ AND UNDERSTAND THE ENTIRE MANUAL BEFORE OPERATING THIS MACHINE.' and a small button labeled 'Save the Cover Checklist!' is visible.</p>	<p>YARDMAX YS0650 Electric Log Splitter Operator's Manual</p> <p>Comprehensive operator's manual for the YARDMAX YS0650 Electric Log Splitter, covering safety, specifications, operation, maintenance, and troubleshooting.</p>
 <p>The cover of the YARDMAX Gas Log Splitter Operator's Manual features the brand logo at the top left. Below it, the title 'Gas Log Splitter' is prominently displayed, followed by 'Operator's Manual'. A technical line drawing of the log splitter is shown on the right side. On the left, there are sections for 'MODEL NUMBER', 'SERIAL NUMBER', 'PARTS NUMBER', and 'PURCHASE DATE'. At the bottom, a safety warning reads 'FOR YOUR SAFETY READ AND UNDERSTAND THE ENTIRE MANUAL BEFORE OPERATING THIS MACHINE.' and a small button labeled 'Save the Cover Checklist!' is visible.</p>	<p>YARDMAX Gas Log Splitter Operator's Manual</p> <p>Comprehensive operator's manual for YARDMAX Gas Log Splitters (models YS2565, YS2865, YS3065, YS3567), covering safe operation, maintenance, and troubleshooting.</p>