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### BILT HARD 6.5 Ton Electric Log Splitter

## BILT HARD 6.5 Ton Electric Log Splitter with Stand - User Manual

### INTRODUCTION

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This manual provides essential information for the safe and efficient operation, maintenance, and troubleshooting of your BILT HARD 6.5 Ton Electric Log Splitter with Stand. Please read this manual thoroughly before assembly or operation to ensure proper use and to prevent injury or damage to the equipment.



Image: The BILT HARD 6.5 Ton Electric Log Splitter with its included stand, shown in a blue and black color scheme, ready for operation.

## SAFETY INFORMATION

Operating any power equipment requires strict adherence to safety guidelines. Failure to follow these instructions may result in serious injury or property damage.

- **Read the Entire Manual:** Understand all operating procedures and safety warnings before use.
- **Personal Protective Equipment (PPE):** Always wear safety glasses, hearing protection, gloves, and sturdy footwear. Avoid loose clothing that could get caught in moving parts.
- **Two-Hand Operation:** This log splitter is designed with two-hand safety controls. Both controls must be engaged simultaneously to operate the hydraulic ram, ensuring the operator's hands are away from the splitting wedge.
- **Stable Work Area:** Operate the splitter on a firm, level surface. The included stand helps elevate the unit to a comfortable working height and provides stability.
- **Proper Log Size:** Do not attempt to split logs exceeding 9.8 inches in diameter or 20.5 inches in length. Overloading can damage the machine and cause injury.

- **Ventilation:** Although electric, ensure adequate ventilation if operating in an enclosed space to prevent heat buildup.
- **Electrical Safety:** Connect to a standard 120V household outlet. A dedicated 40-amp circuit breaker is recommended for optimal performance and to prevent tripping. Keep the power cord clear of moving parts and away from water.
- **Children and Bystanders:** Keep children and pets away from the work area. Only one operator should be near the machine during operation.

## SETUP

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Before operating your log splitter, proper setup is crucial for safety and performance.

1. **Unpacking:** Carefully remove all components from the packaging. Verify all parts are present according to the packing list (refer to your separate packing list for details).
2. **Stand Assembly:** Assemble the heavy-duty stand as per the included instructions. The stand elevates the splitter to a comfortable 33-inch working height, reducing back strain.
3. **Wheel Attachment:** Attach the large 5.7-inch transport wheels to the stand. These wheels facilitate easy maneuverability of the unit around your yard or worksite.
4. **Bleed Screw:** Before initial operation and each subsequent use, the bleed screw (located on the hydraulic oil tank) must be loosened by several rotations. This allows air to move freely in and out of the oil tank, preventing pressure buildup. Airflow through the bleed screw hole should be detectable during operation.  
**Important:** Tighten the bleed screw before moving the log splitter to prevent oil leakage.
5. **Placement:** Position the log splitter on a firm, level surface. Ensure there is ample clear space around the machine for safe operation and log handling.
6. **Power Connection:** Plug the log splitter into a standard 120V household outlet. A dedicated 40-amp circuit breaker is recommended for optimal performance.

# **SAFE AND STABLE STAND**

*Powerful Load-bearing Capacity*



Image: The log splitter mounted on its stable stand, ready for use. The stand provides a secure base and elevates the machine to a convenient working height.



Image: Close-up of the durable transport wheels on the log splitter, highlighting their design for easy movement.

## OPERATING INSTRUCTIONS

Follow these steps for safe and effective log splitting.

- 1. Prepare Logs:** Ensure logs are cut to a maximum length of 20.5 inches and a maximum diameter of 9.8 inches. Remove any branches or knots that could interfere with splitting.
- 2. Load Log:** Place a log horizontally onto the splitting bed, ensuring it is stable and centered against the splitting wedge.
- 3. Engage Controls:** To activate the hydraulic ram, simultaneously press the power button and pull the operating handle. This two-hand control mechanism is a safety feature designed to keep your hands away from the moving wedge.
- 4. Split Log:** Maintain pressure on both controls. The hydraulic ram will extend, pushing the log against the wedge and splitting it.
- 5. Ram Return:** Once the log is split, release both controls. The hydraulic ram will automatically retract to its starting position, ready for the next log. The fast-cycling hydraulic system ensures quick resets.

**6. Adjustable Log Stop:** The flexible lock design allows you to adjust the log stop according to the length of the logs you are splitting, optimizing efficiency.



Image: A log being split by the BILT HARD electric log splitter, demonstrating the hydraulic ram in operation.

# Push the button and handle



Image: Close-up of the two-hand safety controls (power button and operating handle) on the BILT HARD log splitter, which must be engaged simultaneously.



## Flexible Lock Design

Log splitter workbench can be adjusted according to the length of the logs.

Image: Detail of the flexible lock design on the log splitter, which allows for adjustment of the log stop to accommodate different log lengths.

## MAINTENANCE

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

- **Hydraulic Fluid Check:** Periodically check the hydraulic fluid level. Refer to the fluid reservoir cap for the recommended fluid type and fill level. Top up as necessary.
- **Cleaning:** After each use, clean any wood debris, sawdust, and dirt from the machine, especially around the ram and wedge. This prevents buildup that could impede operation.
- **Storage:** When storing the log splitter, ensure the bleed screw is tightened to prevent hydraulic oil leakage. Store in a dry, protected area.
- **Inspection:** Regularly inspect all bolts, nuts, and hydraulic connections for tightness. Check the power cord for any signs of damage.

## TROUBLESHOOTING

This section addresses common issues you might encounter.

- **Motor Not Starting:**

- Check if the power cord is securely plugged into a functioning 120V outlet.
- Verify the circuit breaker has not tripped.
- Ensure both safety controls are being engaged simultaneously.

- **Ram Not Extending/Weak Splitting Force:**

- Confirm the bleed screw is loosened sufficiently.
- Check hydraulic fluid level and add if low.
- Ensure the log is within the recommended size limits (max 9.8" diameter, 20.5" length).
- Inspect for any obstructions around the ram or wedge.

- **Oil Leakage:**

- Ensure the bleed screw is tightened when the machine is not in operation or being moved.
- Check all hydraulic connections for tightness.

For issues not covered here, please contact BILT HARD customer support.

## SPECIFICATIONS

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<b>Brand</b>	BILT HARD
<b>Splitting Force</b>	6.5 Tons
<b>Motor</b>	15 Amp Electric Motor (1.75 HP, 3400 RPM)
<b>Max Log Diameter</b>	9.8 inches
<b>Max Log Length</b>	20.5 inches
<b>Power Requirement</b>	120V (recommended 40-amp circuit breaker)
<b>Working Height (with stand)</b>	33 inches
<b>Item Weight</b>	114.6 pounds
<b>Package Dimensions</b>	37.8 x 20.87 x 11.02 inches

# 15 AMP ELECTRIC MOTOR

**120**  
VOLTS

**1.75**  
HORSE POWER

**6.5**  
LOG SPLITTER

**3400**  
RPM MOTOR

**HORIZONTAL**  
CAPABILITY



**Vertical storage  
to save space**



Image: Visual representation of the 15 Amp Electric Motor, 120 Volts, 1.75 Horsepower, 6.5 Ton splitting force, and 3400 RPM motor details.

# DIMENSIONS

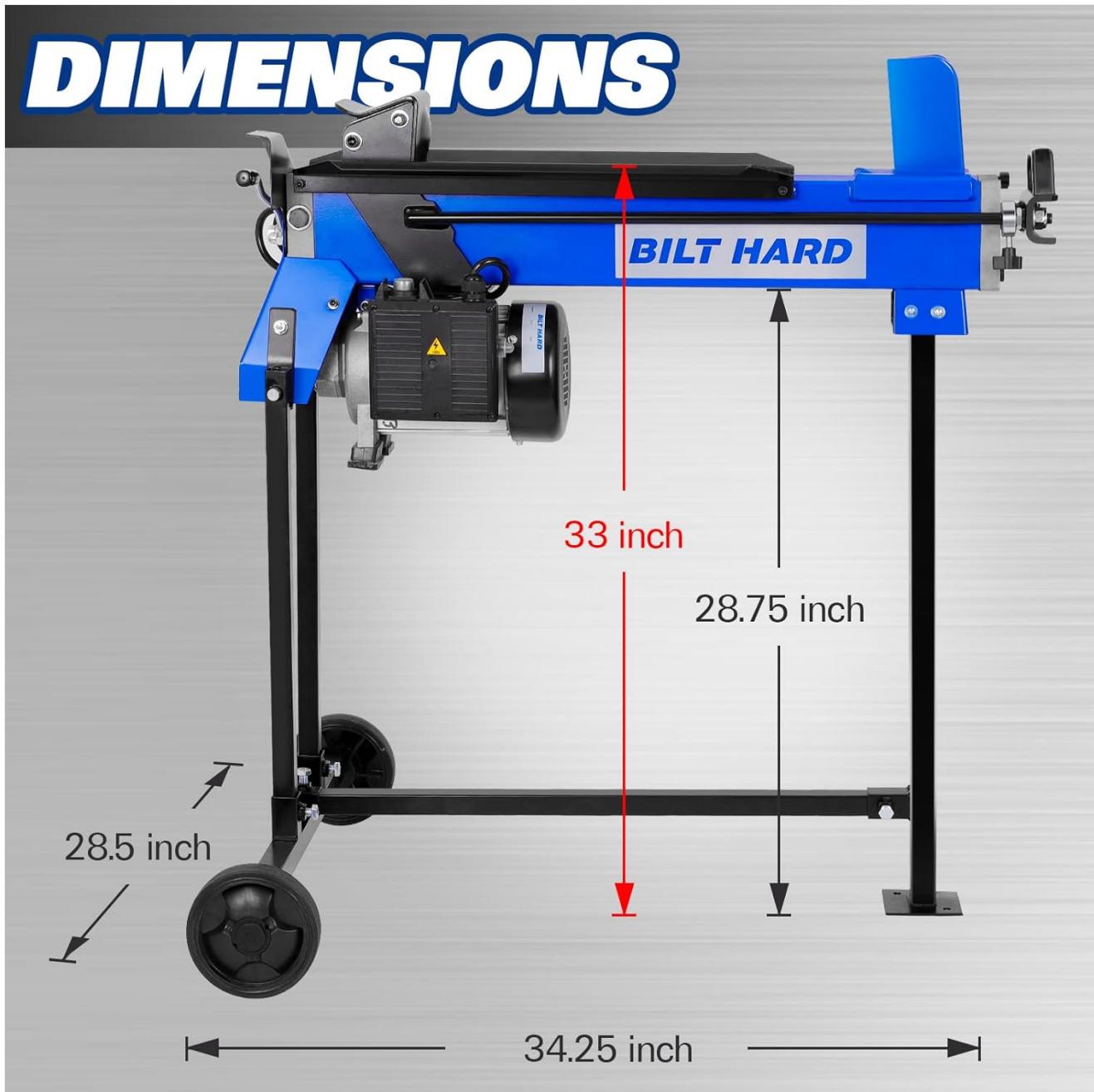


Image: Diagram showing key dimensions of the log splitter, including the 33-inch working height with the stand.

## WARRANTY AND SUPPORT

For warranty information, technical assistance, or to order replacement parts, please refer to the warranty card included with your product or visit the official BILT HARD website. You may also contact customer support via the details provided on the product packaging or the brand's official channels.

**Customer Support:** For direct assistance, please refer to the contact information provided by BILT HARD.

## Related Documents - 6.5 Ton Electric Log Splitter

 <p><b>BILT HARD</b> FOR YOUR SAFETY READ AND UNDERSTAND THE ENTIRE MANUAL BEFORE OPERATING MACHINE SKU: TL-LS65 Both model number and serial number may be found on the main label. You should record both of them in a safe place for future use. Save This Manual for Future Reference Customer Support: 1-800-382-3800, <a href="mailto:info@bithard.com">info@bithard.com</a></p> <p><b>LOG SPLITTER</b> -Owner's Manual</p>	<p><b>BILT HARD Log Splitter TL-LS65 Owner's Manual</b></p> <p>This manual provides safety warnings, operating instructions, specifications, and maintenance information for the BILT HARD TL-LS65 Log Splitter.</p>
 <p><b>BILT HARD</b> FOR YOUR SAFETY READ AND UNDERSTAND THE ENTIRE MANUAL BEFORE OPERATING MACHINE SKU: TLA-0101 Both model number and serial number may be found on the main label. You should record both of them in a safe place for future use. Save This Manual for Future Reference Customer Support: 1-800-382-3800, <a href="mailto:info@bithard.com">info@bithard.com</a></p> <p><b>LOG SPLITTER</b> -Owner's Manual</p>	<p><b>BILT HARD Log Splitter TLA-0101 Owner's Manual</b></p> <p>Comprehensive owner's manual for the BILT HARD TLA-0101 Log Splitter, covering safety, operation, maintenance, specifications, and troubleshooting. Includes detailed instructions and parts list.</p>
 <p><b>BILT HARD</b> FOR YOUR SAFETY READ AND UNDERSTAND THE ENTIRE MANUAL BEFORE OPERATING MACHINE SKU: TLA-0101 Both model number and serial number may be found on the main label. You should record both of them in a safe place for future use. Save This Manual for Future Reference Customer Support: 1-800-382-3800, <a href="mailto:info@bithard.com">info@bithard.com</a></p> <p><b>LOG SPLITTER</b> -Owner's Manual</p>	<p><b>BILT HARD Log Splitter TLA-0101 Owner's Manual</b></p> <p>Comprehensive owner's manual for the BILT HARD TLA-0101 log splitter, covering safety instructions, operation, maintenance, specifications, troubleshooting, and parts list.</p>
 <p><b>BILT HARD</b> FOR YOUR SAFETY READ AND UNDERSTAND THE ENTIRE MANUAL BEFORE OPERATING MACHINE SKU: TLA-0102 Both model number and serial number may be found on the main label. You should record both of them in a safe place for future use. Save This Manual for Future Reference Customer Support: 1-800-382-3800, <a href="mailto:info@bithard.com">info@bithard.com</a></p> <p><b>LOG SPLITTER</b> -Owner's Manual</p>	<p><b>BILT HARD TLA-0102 Log Splitter Owner's Manual: Safety, Operation, and Maintenance</b></p> <p>Comprehensive owner's manual for the BILT HARD TLA-0102 log splitter. Covers safety warnings, operating instructions, setup, maintenance, troubleshooting, and parts list. Ensure safe and efficient use of your log splitter.</p>
 <p><b>BILT HARD</b> MODEL # GCB-1101 Using Your Yard Cart OWNER'S MANUAL &amp; OPERATION INSTRUCTIONS BILT HARD TJA-1053 STRING TRIMMER GAS POWERED</p>	<p><b>Bilt Hard GCB-1101 Yard Cart Assembly and Safety Instructions</b></p> <p>Comprehensive guide for assembling and safely operating the Bilt Hard GCB-1101 Yard Cart. Includes safety instructions, parts list, hardware details, and step-by-step assembly instructions.</p>
 <p><b>OWNER'S MANUAL &amp; OPERATION INSTRUCTION</b> <b>BILT HARD</b> TJA-1053 STRING TRIMMER GAS POWERED</p>	<p><b>BILT HARD 22" Walk-Behind String Trimmer: Adjusting Mowing Height</b></p> <p>Instructions on how to adjust the mowing height for the BILT HARD 22" Walk-Behind String Trimmer with a 170cc 4-Cycle Gas Engine. Includes steps for safely lowering the mower and tightening adjustment bolts.</p>