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## Central Machinery B006ZBCB3M

# Central Machinery 10 Ton Horizontal Hydraulic Log Splitter User Manual

Model: B006ZBCB3M

## 1. INTRODUCTION

Thank you for choosing the Central Machinery 10 Ton Horizontal Hydraulic Log Splitter. This manual provides essential information for the safe and efficient operation, maintenance, and troubleshooting of your log splitter. This hydraulic log splitter is designed to generate up to 10 tons of splitting force, capable of splitting logs up to 18 inches long and 6-1/2 inches in diameter, depending on wood density. Please read this manual thoroughly before initial use and retain it for future reference.

## 2. SAFETY INFORMATION

**WARNING:** Failure to follow these safety instructions may result in serious injury or death.

- Always wear appropriate personal protective equipment (PPE), including safety glasses, gloves, and sturdy footwear.
- Ensure the log splitter is placed on a firm, level, and stable surface before operation.
- Keep hands, feet, and clothing away from moving parts during operation.
- Never allow children or pets near the log splitter during use.
- Only split logs within the specified dimensions (up to 18 inches long, 6-1/2 inches in diameter).
- Do not attempt to split logs containing nails, wire, or other foreign objects.
- Ensure the work area is clear of debris and other obstructions.
- Operate the log splitter with two hands to prevent accidental engagement of the ram.
- Release hydraulic pressure when the unit is not in use or before performing maintenance.

### 3. PRODUCT COMPONENTS

- **Hydraulic Ram:** The main cylinder that provides splitting force.
- **Splitting Wedge:** The sharp end that pushes into the log.
- **Log Cradle:** Supports the log during splitting.
- **Pump Handles:** Used to actuate the hydraulic ram. This model features a 2-speed hydraulic pump for varying splitting needs.
- **Wheels:** For easy portability of the unit.
- **Motor:** Powers the hydraulic system.



Figure 1: Overview of the Central Machinery 10 Ton Horizontal Hydraulic Log Splitter.

### 4. SETUP

1. **Unpacking:** Carefully remove all components from the packaging. Inspect for any shipping damage.
2. **Placement:** Position the log splitter on a solid, level, and stable surface. Ensure adequate working space around the unit.

3. **Handle Assembly (if required):** Attach the pump handles securely according to the diagrams in the separate assembly guide.
4. **Hydraulic Fluid Check:** Verify that the hydraulic fluid level is correct before first use. Refer to the maintenance section for details.

## 5. OPERATING INSTRUCTIONS

Follow these steps for safe and effective log splitting:

1. **Prepare Logs:** Ensure logs are cut to the appropriate length (max 18 inches) and free of knots or branches that could cause jamming.
2. **Position Log:** Place the log firmly in the log cradle against the splitting wedge. Ensure it is centered and stable.
3. **Engage Pump:** This model features a 2-speed hydraulic pump. Use the appropriate handle for the desired speed and force. For initial splitting or tougher logs, use the slower, more powerful stroke. For faster splitting of easier logs, use the quicker stroke.
4. **Split Log:** Operate the pump handles to extend the hydraulic ram, pushing the log into the splitting wedge. Continue pumping until the log is split.
5. **Retract Ram:** Once the log is split, release the pressure on the pump handles to allow the ram to retract.
6. **Remove Split Wood:** Carefully remove the split wood from the log cradle.

## 6. MAINTENANCE

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

- **Hydraulic Fluid:** Check hydraulic fluid levels regularly. Top up with recommended hydraulic oil if necessary. Refer to the product label for specific fluid type.
- **Cleaning:** After each use, clean the log splitter, removing any wood chips, sawdust, or debris from the ram, wedge, and log cradle.
- **Lubrication:** Lubricate all moving parts as indicated in the detailed product manual to ensure smooth operation.
- **Storage:** Store the log splitter in a dry, protected area when not in use. Ensure the ram is fully retracted to protect the cylinder.
- **Inspection:** Periodically inspect all bolts, nuts, and hydraulic lines for tightness and signs of wear or damage. Replace worn or damaged parts immediately.

## 7. TROUBLESHOOTING

If you encounter issues with your log splitter, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Ram does not extend or extends slowly.	Low hydraulic fluid level; Air in hydraulic system; Relief valve open.	Check and refill hydraulic fluid; Bleed air from the system; Ensure relief valve is closed.
Log not splitting effectively.	Log too large or too dense; Dull splitting wedge.	Ensure logs are within specified limits; Sharpen or replace splitting wedge.
Hydraulic fluid leak.	Loose fittings; Damaged seals or hoses.	Tighten all fittings; Replace damaged seals or hoses.

For issues not covered here, please contact Central Machinery customer support.

## 8. SPECIFICATIONS

- **Brand:** Central Machinery
- **Model:** B006ZBCB3M
- **Splitting Force:** Up to 10 Tons
- **Log Capacity (Length):** Up to 18 inches
- **Log Capacity (Diameter):** Up to 6-1/2 inches (depending on wood density)
- **Hydraulic Pump:** 2-Speed Manual
- **Item Weight:** 1 pounds (Note: This weight may refer to packaging or a specific component; actual unit weight may vary.)
- **Manufacturer:** Central Machinery
- **Is Discontinued By Manufacturer:** No

## 9. WARRANTY AND SUPPORT

For warranty information, please refer to the documentation included with your purchase or visit the official Central Machinery website. If you require technical assistance, replacement parts, or have questions regarding the operation of your log splitter, please contact Central Machinery customer support directly. Keep your purchase receipt and model number (B006ZBCB3M) handy when contacting support.