



## Standard Information

Hydraulic log splitter kits are powerful tools for splitting logs efficiently, but they require careful installation and adherence to safety measures.

## Safety Guidelines

### 1. Personal Protective Equipment (PPE)

- **Eye Protection:** Wear ANSI-approved safety goggles to guard against wood splinters and debris.
- **Hearing Protection:** Use ear protection, as hydraulic systems can be loud.
- **Hand Protection:** Wear durable gloves for a better grip and to avoid splinters.
- **Protective Clothing:** Avoid loose clothing or accessories that could get caught in moving parts.
- **Steel-Toed Boots:** Protect your feet from dropped logs or equipment.

### 2. Handling and Storage

- Handle tanks carefully to avoid dents, punctures, or damage.
- Inspect the tank for visible damage or contamination before use.

### 3. Pressure and Temperature Precautions

- Do not exceed the tank's pressure and temperature limits.
- Install pressure-relief valves to protect the system from overpressure.
- Avoid exposing the tank to direct flames or extreme heat.

## During Operation

- **Hands Clear:** Keep hands and body parts away from the log and hydraulic wedge during operation.
- **Log Placement:** Always place the log firmly in position, ensuring it is stable and aligned with the splitter.
- **No Modifications:** Do not modify the equipment or bypass safety features.
- **Hydraulic Pressure:** Never exceed the recommended hydraulic pressure as stated in the technical manual.

## Maintenance

- **Power Off:** Always disconnect the power source or turn off the engine before performing maintenance.
- **Hydraulic System:** Inspect for leaks, cracks, or damaged hoses regularly and replace them immediately.
- **Cleanliness:** Wipe away hydraulic fluid spills to avoid slips and contamination.



## Installation Guidelines

### 1. Preparation

- **Work Area:** Ensure you have adequate space to assemble and use the hydraulic log splitter kit.
- **Inspect Components:** Verify that all parts are present and undamaged before beginning the installation.

### 2. Assembling the Kit

- **Frame Assembly:** Begin by assembling the frame, ensuring all bolts and nuts are tightened securely.
- **Hydraulic Cylinder:** Mount the hydraulic cylinder securely onto the frame. Ensure it is aligned properly to avoid mis operation.
- **Attach Hoses:** Connect hydraulic hoses to the splitter and pump system. Use the proper fittings and check for tightness.
- **Hydraulic Pump:** Install the pump in a well-ventilated area. Ensure it is compatible with your power source (electric or gas).
- **Log Cradle:** Attach any cradles or log guides to keep the wood stable during splitting.

### 3. Hydraulic Fluid

- **Fill Hydraulic Tank:** Use the recommended hydraulic fluid and fill the tank to the specified level.
- **Bleed the System:** Remove air from the hydraulic system by operating the cylinder without a load. This ensures smooth operation and prevents damage.
- **Inspect for Leaks:** Check for leaks after filling the fluid and tighten any loose connections.

### 4. Testing the Splitter

- **Initial Test:** Perform a test run without a log to check for proper operation and leaks.
- **Pressure Settings:** Adjust hydraulic pressure to the manufacturer's specifications.
- **Final Inspection:** Recheck all connections, bolts, and fittings.

#### Important Notes:

- **Log Size:** Only split logs that fit within the size and weight limits of the splitter.
- **Routine Checks:** Inspect the splitter before each use for wear and tear.
- **Hydraulic Fluid Maintenance:** Replace hydraulic fluid periodically to maintain performance.

## Emergency Procedures



- **Stop Operation Immediately:** Turn off the engine (gas-powered) or disconnect the power source (electric) if an issue arises.
- **Secure the Equipment:** Ensure the hydraulic splitter is stable and logs are removed safely.

**WARNING: For user failure to comply with the above recommendations or errors  
The manufacturer is not responsible for the consequences caused by the use of the log splitter kits.**