

10 TON LOG SPLITTER

MLS10

198377



Operator's Manual



Read the Operator's Manual entirely. When you see this symbol, the subsequent instructions and warnings are serious follow without exception. Your life and the lives of others depend on it!

Cover photo may show optional equipment not supplied with standard unit. For an Operator's Manual and Decal Kit in French or Spanish Language, please see your dealer.

GENERAL WARNINGS

READ and UNDERSTAND this manual completely before using 3PT Hitch 25 Ton Log Splitter.

Operator must read and understand all safety and warning information, operating instructions, maintenance, and storage instructions before operating this equipment. Failure to properly operate and maintain the log splitter could result in serious injury to the operator or bystanders.

OPERATION WARNINGS

- Do not at any time have people, sit, or stand on the log splitter.
- Do not allow children to play on, stand upon or climb on the log splitter.
- Never carry any cargo or wood on your log splitter
- Always inspect the log splitter before using to assure it is in good working condition.
- Replace or repair damaged or worn parts immediately.
- Check for hydraulic fluid leaks by passing a piece of paper or cardboard underneath or over the area of the leak. **Do not check for leaks with your hand.**
- Always check and tighten hardware and assembled parts before operation.
- Do not adjust the hydraulic valve. The pressure relief valve on the log splitter is preset at the factory. Only a qualified service technician should perform this adjustment.
- Do not exceed equipment maximum load capacity of 25 tons.
- Do not alter the log splitter in any manner. Any alteration will void the warranty and could cause the log splitter to be unsafe to operate.
- Always operate the log splitter on clear and level ground.
- Do not operate the log splitter at night, only during daylight hours.

CRUSH AND CUT HAZARDS

- Always keep hands and feet clear from moving parts while operating the equipment.
- Always clear and keep work area clean and free of debris when operating.
- Always wear safety gear, eye protection, gloves and work boots when operating the log splitter.

WARNING

The warnings, cautions, and instructions outlined in this instruction manual cannot cover all possible conditions or situations that may occur. It must be understood by the operator that common sense and caution are factors which cannot be built into this product and must be supplied by the operator.

PROP 65 WARNING

This product can expose you to chemicals including lead and lead compounds which are known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to www.P65Warnings.ca.gov.

ASSEMBLY IS REQUIRED

This product requires assembly before use. See "Assembly" section for instructions. Because of the weight and/or size of the log splitter, it is recommended that another adult be present to assist with the assembly.

INSPECT ALL COMPONENTS closely upon receipt to make sure no components are missing or damaged.

HAZARD SIGNAL WORD DEFINITIONS

	<p>This is the safety alert symbol. It is used to alert you to potential personal injury hazards. Obey all safety messages that follow this symbol to avoid possible injury or death.</p>
	<p>DANGER indicates an imminently hazardous situation which, if not avoided, will result in death or serious injury.</p>
	<p>WARNING indicates a potentially hazardous situation which, if not avoided, could result in death or serious injury.</p>
	<p>CAUTION indicates a potentially hazardous situation which, if not avoided, may result in minor or moderate injury.</p>
	<p>CAUTION used without the safety alert symbol indicates a potentially hazardous situation which, if not avoided, may result in property damage.</p>

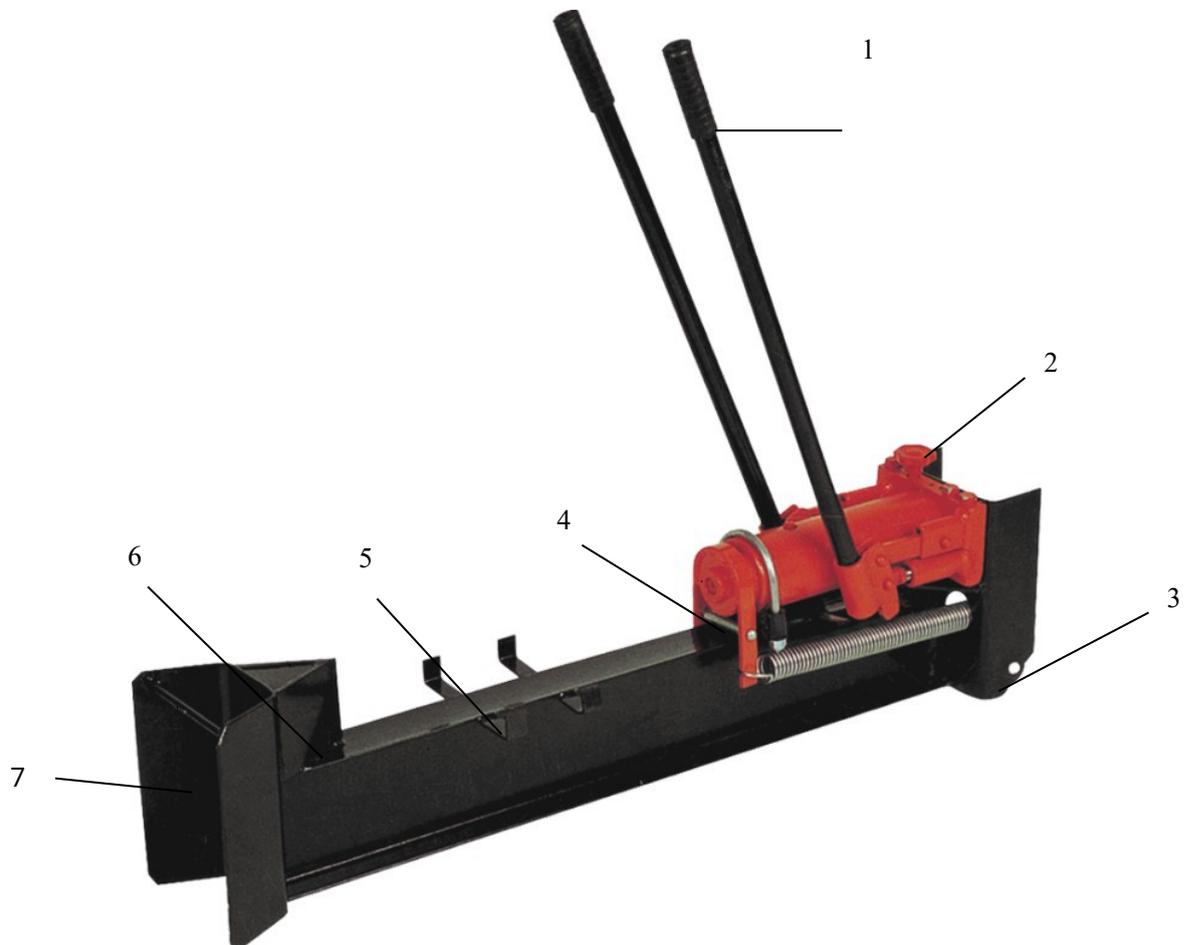
ABOUT YOUR 10 TON MANUAL LOG SPLITTER

This 10 Ton hydraulic log splitter is made of heavy-duty steel and is designed to split some of the most difficult logs from Oak, Elm, Walnut and Cherry to name a few. With only a few pumps this powerful log splitter makes a difficult job easy. It is portable, lightweight and can be operated both indoors/outdoors. Never exceed the rated load capacity of 10 tons when operating the log splitter as it may damage the log splitter.

Technical specifications on the log splitter are provided in the "Specifications" section of this manual.

CONTROLS AND FEATURES IDENTIFICATION

Read this owner's manual before operating the equipment. Familiarize yourself with the location and function of the controls and features. Save this manual for future reference.



1. **Operating Handles** -Move handles back and forth to move the ram forward.
2. **Hand Wheel** -Turn knob to retract ram.
3. **Wheels** -Used to maneuver the splitter.
4. **Hydraulic Pump** - Do not exceed rated capacity of 10 Tons.
5. **Log Cradle** -Holds log in place during splitting.
6. **Splitting Wedge**-Splits wooden log.
7. **Log Splitter Handle** - Use to maneuver the log splitter.



CAUTION

Read and follow all instructions for assembly and operation. Failure to properly assemble this equipment could result in serious injury to the user or bystanders, or cause equipment damage.

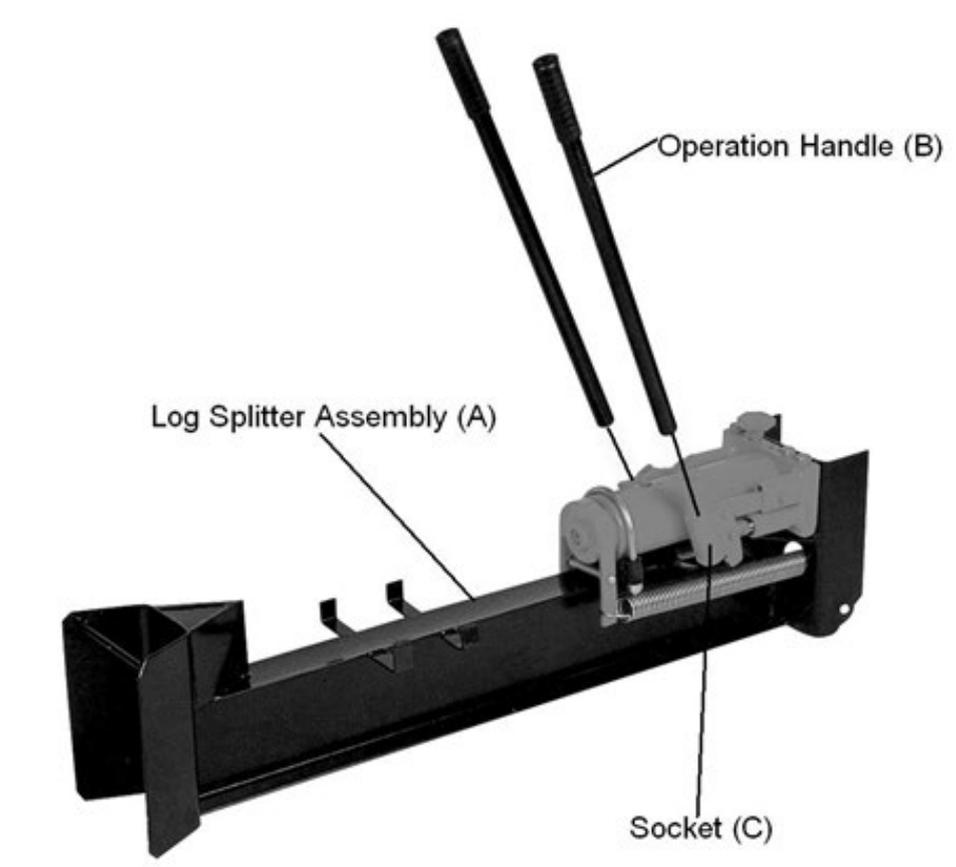
10 TON HYDRAULIC LOG SPLITTER ASSEMBLY

Take all parts out of the shipping crate and inspect components to ensure there are no missing pieces before starting to assemble the log splitter.

ASSEMBLY INSTRUCTIONS

STEP 1: ATTACH HANDLES TO THE LOG SPLITTER

1. Insert both operation handles (B) into each of the sockets (C) on the hydraulic pump.



OPERATION INSTRUCTIONS

WARNING

Before using the log splitter, review the instructions below and all safety information. Failure to follow these instructions may result in property damage or injury to the operator or bystanders.

SPLITTING OPERATION / ADDITIONAL SAFETY INSTRUCTIONS

1. When loading or positioning a log always use the bark side, never the ends. Never place your hands or body parts between the log and the splitter.
2. Never load or unload logs while the ram is moving.
3. Do not pile logs to be split in a place where you need to reach across the splitter to load them.
4. Log ends need to be cut square, so they do not slide out while splitting and cause a safety hazard or excessive force to the log splitter components. Use a chainsaw (not included) to cut the logs ends square before attempting to split them.
5. Never attempt to split more than one log at a time. A piece of a log can unexpectedly be thrown from the machine, causing personal injury.
6. Do not use if there is any indication of damage to the hydraulic cylinder.
7. Do not use the splitter to split logs across the grain. Doing so will damage the log splitter and could cause log pieces to be thrown, injuring the operator or bystanders.

WARNING

Accidents occur when there is more than one person involved in loading and operating the log splitter. Only one person should operate the splitter, if a second person is assisting in loading the splitter, NEVER allow an assistant to hold the log in place while the operator is using the working the handles.

USING YOUR 10TON LOG SPLITTER

1. Grip one handle in each hand and pump the handles back-and-forth stroke motion. This action will force the log against the wedge.
2. Remove the split pieces
3. Turn the hand wheel counterclockwise, no more than one full turn to retract the ram.
4. Turn the hand wheel clockwise until it is snug.
5. When finished splitting turn the hand wheel counterclockwise one turn to relieve the pressure.

OPERATION INSTRUCTIONS

WARNING

NEVER attempt to remove a stuck log from the splitter. If there is a stuck log never do the following: Using the hydraulic force of the log splitter to split the log, never modify the log splitter or add attachment to the log splitter.

HOW TO REMOVE A STUCK LOG

If a log gets stuck on the wedge base or the wedge becomes embedded in the log and will not completely split and separate the log. Follow the directions below to remove the log:

1. Fully retract the ram.
2. Remove the stuck log from the wedge manually with a pry bar.
3. IMPORTANT: Be extremely careful as log pieces may fly off as they separate from the wedge.
4. Do not attempt to re-split a stuck log once it has been removed from the wedge.
5. Manually split the log with a maul or cut it with a chainsaw.

HOW TO BLEED THE LOG SPLITTER

1. Extend the ram to its maximum length.
2. Remove the oil Plug and make sure the oil level is full. If needed add more hydraulic oil to the hydraulic pump (Figure 3).

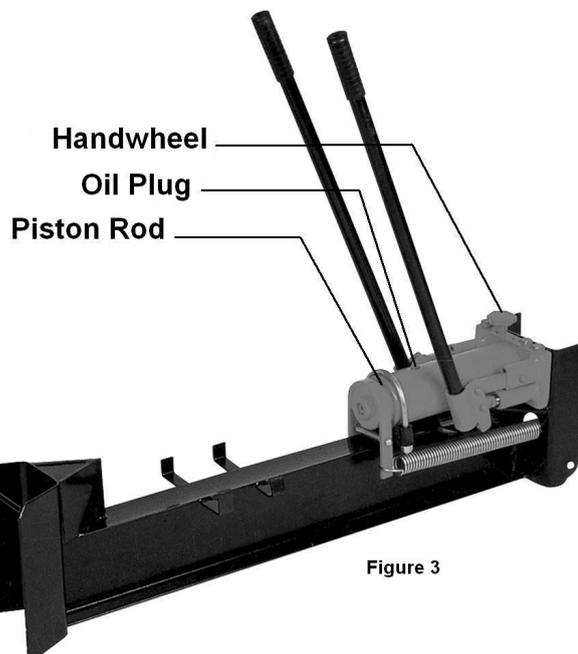


Figure 3

3. Turn the hand wheel counterclockwise as fast as possible. The piston rod will retract into the hydraulic pump and push the air out of the cylinder via the oil plug hole.
4. Check the oil level again and if need add more hydraulic oil.
5. Replace the oil plug and repeat steps 1-3 as needed.
6. To add oil, remove the oil plug and add oil to just below the fill plug.
7. Then replace the oil plug.

MAINTENANCE AND STORAGE

WARNING

Improper maintenance and storage of the log splitter may void your warranty.

WARNING

Periodically apply a light coat of rust resistant oil to the springs to keep them in good working order.

MAINTENANCE

- Periodically check all fasteners for tightness.
- Annually clean and lightly lubricate parts.
- Use a glossy enamel spray paint to touch up scratched or worn painted metal surfaces.
- Never exceed load capacity rating of 12 tons it will damage the log splitter.

IMPORTANT:

If a part needs replacement, only use parts that meet the manufacturer's specifications. Replacement parts that do not meet specifications may result in a safety hazard or poor operation.

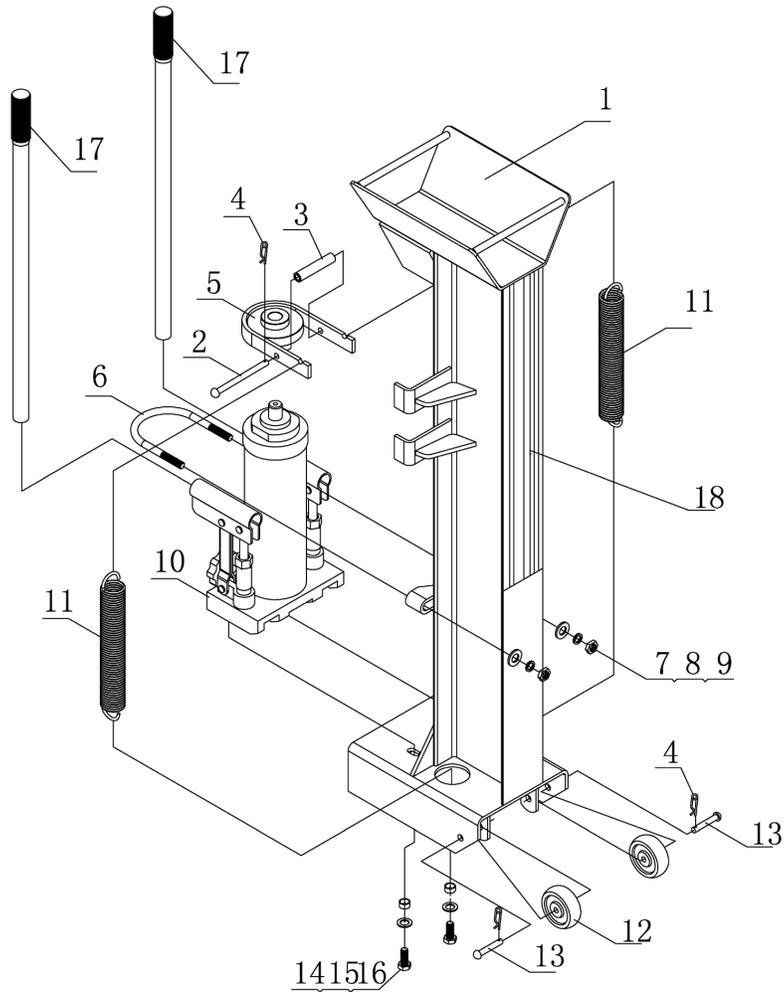
STORAGE

- Before storing make sure the log splitter is clean and dry for years of trouble-free service.
- The hydraulic pump needs to be in the released position before storing.
- Lightly lubricate all metal surfaces before storing.
- Store indoors or protected area during severe weather and winter months.

SPECIFICATIONS

Load Capacity	10 Ton
Material	Steel
Max. Log Length	17-5/8 inches
Max. Log Diameter.....	8 inches
Unit Weight	90 LB

PARTS DRAWING & PARTS LIST



KEY	PART	DESCRIPTION	QTY	KEY	PART	DESCRIPTION	QTY
1	N020-10000	WEDGE BASE	1	10	N020-30000	RAM ASSEMBLY	1
2	N020-00003-DX	PIN	1	11	N020-00002-FH	RAM RETURN SPRING	2
3	N020-00004-DX	SPACER	1	12	N020-00005	WHEEL	2
4	E041-60029	LOCK SPRING	3	13	N020-00006	WHEEL AXLE	2
5	N020-20000	RAM PLATE	1	14	9301-08000-DX	FLAT WASHER Ø8	2
6	N020-00001-DX	U-BOLT	1	15	N020-00008-DX	SPACER	2
7	939903-10000-DX	BIG FLAT WASHER Ø10	2	16	9101-08020-DX	HEX BOLT M8X20	2
8	9206-10000-DX	LOCK WASHER Ø10	2	17	N020-30023	HANDLE ASSEMBLY	2
9	9201-10000-DX	HEX NUT M10	2	18	N020-00009	RUBBER BLANKET	1

ACKNOWLEDGEMENT OF RISK AND RELEASE OF LIABILITY

The use of any equipment, including this one, involves the potential risk of injury. Apart from any warranty claim that might be presented for a claimed defect in material or workmanship of the product, you accept and assume full responsibility for any and all injuries, damages (both economic and non-economic), and losses of any type, which may occur, and you fully and forever release and discharge Titan, its insurers, employees, officers, directors, associates, and agents from any and all claims, demands, damages, rights of action, or causes of action, present or future, whether the same be known or unknown, anticipated, or unanticipated, resulting from or arising out of the use of said equipment.

This equipment must be used with care by capable and competent individuals under supervision, if necessary.

WARNING



Sharp objects may be involved.
Use protective cover during maintenance.

TITAN LIMITED WARRANTY: TERMS, EXCLUSIONS AND LIMITATIONS OF REMEDIES

This product comes with a one (1) year limited warranty that can be found at www.palletforks.com/warranty.html. Please review the same for all details regarding the Titan Limited Warranty.

THE TITAN LIMITED WARRANTY FOUND AT WWW.PALLETFORKS.COM/WARRANTY.HTML IS EXCLUSIVE AND IS IN LIEU OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING ANY IMPLIED WARRANTY OF MERCHANTABILITY AND/OR FITNESS FOR A PARTICULAR PURPOSE, EACH OF WHICH IS HEREBY DISCLAIMED.



NEED HELP? CONTACT US FIRST.

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