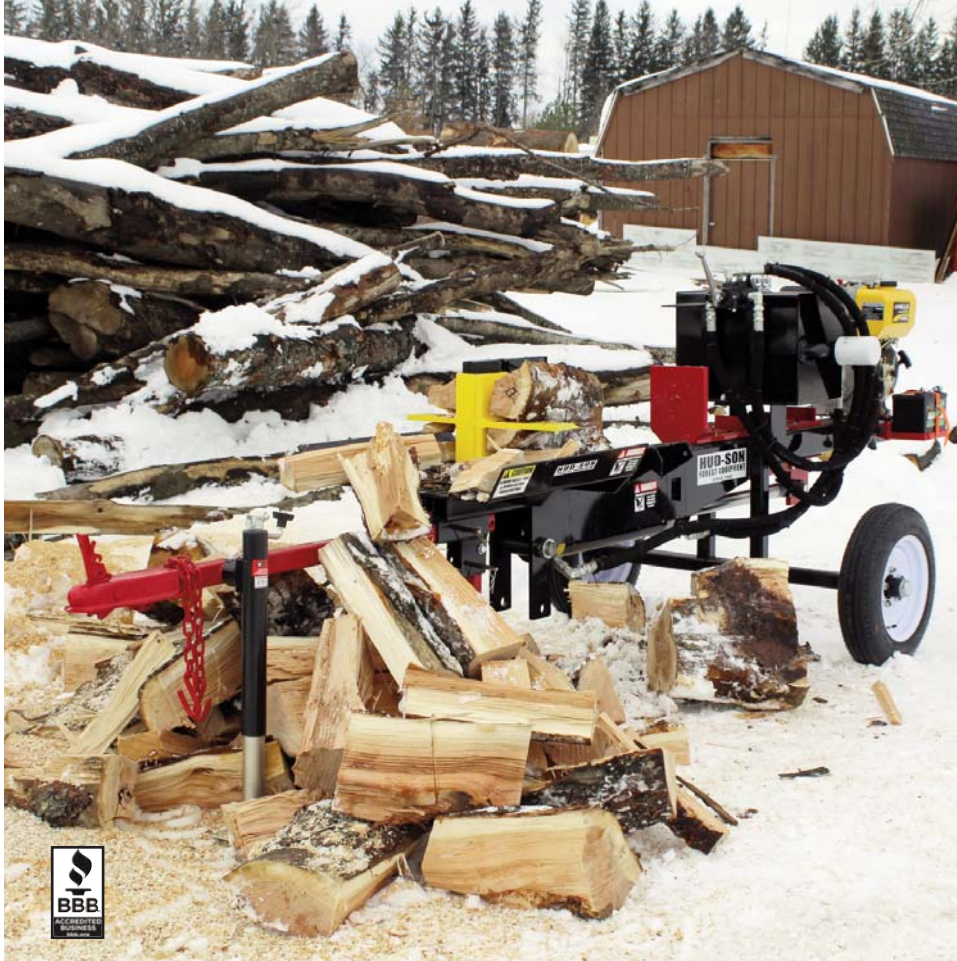


# HUD-SON

FOREST EQUIPMENT



## HUD-SON WOODSPLITTER OWNERS MANUAL

800.765.SAWS • WWW.HUD-SON.COM

**A N O T E F R O M H U D - S O N**

Thank you for your purchase of a woodsplitter from Hud-Son Forest Equipment. We are pleased that you chose us as your supplier of your forestry equipment.

Hud-Son Forest Equipment has been in the forestry business since 1965 and prides itself on developing new and innovative products for the forestry business.

Our product line is always transforming so please check us out on the web at [www.hud-son.com](http://www.hud-son.com) for the up and coming developments we are making.

Should you have any questions with the setup of your mill or have any technical questions please feel free to contact our onsite technician Monday - Friday, 8 to 4:30 and Saturdays from 8 to noon eastern time at 1-800-765-7297. We are always available to our customers for any questions or concerns they may have about their equipment.

**C O N T E N T S**

Introduction . . . . .3  
Safety . . . . .4  
Towing . . . . .8  
Operation . . . . .11  
Inspection and Maintenance . . . . .14  
General Maintenance . . . . .15  
Mechanical Specifications . . . . .16

- Read all operating, and safety instructions.
- Complete and return the warranty card .
- Write the serial number and date-of-purchase in this manual.
- Make sure the oil filter is properly installed. (See "Assembly Procedure" section.)
- Fill the hydraulic tank with the recommended type and quantity of oil. (See "Start-Up Procedure" section.)
- Fill the engine crankcase with the manufacturer's recommended type and quantity of oil. (See "Start-Up Procedure" section.)
- Fill the engine fuel tank with fresh, clean, lead-free gasoline. (Do not mix oil with gasoline.)
- Make sure the trailer hitch of the towing vehicle is equipped with a 2 inch ball.

## ***INTRODUCTION***

### *Purchaser Agreement*

*By accepting the delivery of your woodsplitter by Hud-Son Forest Equipment you agree that you will not modify your mill from it's original assembly. This will VOID any warranty from Hud-Son Forest Equipment.*

Please fill out the information for quick reference:

Dealer: \_\_\_\_\_  
 Phone Number: \_\_\_\_\_  
 Address: \_\_\_\_\_  
 \_\_\_\_\_  
 Purchase Date: \_\_\_\_\_  
 Model: \_\_\_\_\_  
 Serial Number: \_\_\_\_\_

This manual is filled with the latest information and specifications at the time of publication. We have the right to make changes as they are needed. Any of the changes in our product may cause a variation between the illustrations and explanations in the manual and the item that you have purchased.

## **DISPUTES**

**All disputes, claims and causes of action arising out of the delivery, use, or warranty claims for personal injury and or property damage must:**

1. Claimant must provide a written notice of the claim or dispute to the company (at the address below) at least 30 days after the claim arose prior to commencement of any action;

2. Company has 60 days to make a decision on the claim and will provide a written response to claimant;

3. No action may be commenced until after the company has provided its decision on the claim;

4. All claims against the company for any cause related to delivery, design defects, repairs, use of the equipment or warranty shall be filed in Supreme Court, Oneida County, State of New York. The parties

may file for Arbitration in Oneida County New York after consent by both parties.

5. Construction and interpretation of this agreement and any and all claims shall be subject to the Laws of the State of New York.

6: The address for submission of claims is:

Hud-Son Forest Equipment  
PO Box 345  
8201 State Route 12  
Barneveld, NY 13304

7. Notices under this agreement must be in writing and sent by certified or registered mail;

## ***Safety Guidelines***

The reason for the safety section is to inform the operators and maintenance personnel, the precautions that should be taken while operating or servicing the Hud-Son Mills. Please use good judgement and keep safety in mind when operating Hud-Son machinery. Please read and follow ALL the instructions in this manual before operating the Hud-Son Mill safely at all times. These instructions were produced for your benefit. Your ability to understand and follow the instructions is essential for the safe operation of this product. Always call your servicing dealer if you are in doubt before operation of any kind.

## ***General Safety Procedures***

1 - Always wear safety glasses, ear protection, and gloves while operating or servicing the machine.



- 2 - Keep all body parts and foreign objects away from all moving parts. Do not reach into the machine while it is still operating. (Be Sure The Machine Is **OFF**.)
- 3 - Do not attempt to override any safety features on the machine.
- 4 - Inspect the machine before every use for wear, damage, and that it's functioning correctly. If the machine has been damaged or is not running correctly, **DO NOT** attempt to operate the machine. Repair or replace all parts when necessary.
- 5 - Do not wear loose clothing or jewelry while operating or servicing the machine.
- 6 - All replacement parts should be of the same specifications as the original parts on your Hud-Son machine.
- 7 - **All guards and covers must be in place before operating the machine.**
- 8 - Before starting the machine be sure that it is set up properly.
- 9 - **DO NOT** operate or service any machinery while under the influence of drugs or alcohol, while tired or if you are unable to control your movements.
- 10 - All worn or damaged decals should be replaced.
- 11 - Any modifications to the machine requires written approval from Hud-Son Forest Equipment.
- 12 - The sawmill should only be used when it is on level stable ground.

The safety rules are made for the benefit of the persons operating and servicing the machine, to prevent injury to oneself or others. Please review all setup and operating procedures before attempting to run the machine, whether covered in this manual or not, to ensure the safest operation of this product.

Hud-Son Forest Equipment is not liable for damage to property or personal injury due to the failure of any person and/or operator to follow the instructions and recommendations set forth in this manual or any other instructions or recommendations contained in other literature issued by other vendor manuals in the owner's kit.

#### **Product Safety Decals**

The decals below are used on the Hud-Son Saw Mills to identify warnings and prohibited actions. It is very important that you understand the meaning of the decals for your safety and the safety of others. Decals are to be replaced if worn or illegible.

### **CAUTION BEFORE, DURING AND AFTER OPERATION**



Check the engine compartment for sawdust and wood trash build up in and around the engine compartment and the exhaust area to prevent any possible fires from starting due to excessive build up. Always clean the sawdust out from under the machine after shut down and be sure there is no sawdust build up near or around the muffler area.

**CAUTION** - Be EXTRA careful around these areas, unsafe practices may cause personnel injury or damage.

**DANGER** - Be careful around any rotating parts, they may cause personnel injury or damage.

**DANGER** - Be sure to be very cautious and alert, these areas may cause personnel injury or damage.

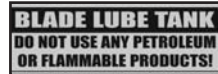
**CAUTION** - Operating equipment without guards may cause personnel injury or damage.

**BLADE LUBE TANK** - Be sure to use the correct lubrication, if incorrect lube is used it may cause personnel injury or damage.

**NOTICE** - Please remember to send in warranty card and information.

**CAUTION** - All debris need to be removed from machine before transporting, failure to do so may cause personnel injury or damage.

**CAUTION FIRE HAZARD** - Keep all sawdust away from motor.



Daily maintenance of this machine includes checking engine oil, hydraulic fluid, cable, safety equipment and the splitter trough needs to be cleaned out in front and behind the push plate. Neglecting to do this will result in splitter damage which will NOT be covered under warranty.

**PROCESSOR FILTERS SHOULD BE CHANGED AFTER 10 HOURS OF INITIAL USE AND EVERY 100 HOURS THEREAFTER.**

## *Operating Safety*

### **ALLOW ONLY ONE (1) PERSON TO LOAD AND OPERATE THE LOGSPLITTER.**

- Allow only adults to operate the log splitter. No one under the age of 18 should be allowed to operate the log splitter.
- Always keep bystanders, including children and pets, at least twenty-five (25) feet away from the work area. Only the operator should stand near the equipment and only within the safe operating area prescribed in this manual.
- When the ram of the log splitter is in the return mode, keep your hands off the machine - the log splitter is designed to automatically stop when the cylinder is fully retracted.

- **ALWAYS** disconnect the spark plug wire when the log splitter is not in operation.
  - Do not allow any person to operate the log splitter until they have read and understood the safe operating instructions contained in this manual.
  - Do not, under any circumstances, alter your log splitter. This equipment was designed and engineered to be used in accordance with the operating instructions. Altering the equipment, or using the equipment in such a way as to circumvent its design capabilities and capacities, could result in serious or fatal injury and **WILL VOID THE WARRANTY**.
  - Never operate, or allow anyone else to operate, this equipment while under the influence of medication, drugs, or alcohol.
  - Never wear loose clothing or jewelry that may get caught or become entangled in the log splitter.
  - **NEVER** place hands or feet between log and splitting wedge or between log and ram during the forward or reverse stroke.
  - **DO NOT STRADDLE OR REACH ACROSS THE SPLITTING AREA WHEN OPERATING THE LOG SPLITTER.**
  - Do not step over your log splitter when the engine is running, because you may trip or accidentally engage the ram.
  - **NEVER** attempt to load your log splitter while the ram is in motion.
- Only use your hand to operate the control lever. **NEVER** use your foot, knee, a rope, or any other extension device.

### ***Log Splitting Safety***

- Always keep your fingers away from any cracks that open in the log during the splitting operation.
- **ALWAYS** make sure that both ends of the log you are splitting are cut as square as possible. This will prevent the log from sliding out of position while under pressure. Logs should be 24 inches or shorter in length.
- **NEVER** try to split two logs on top of each other.
- Never pile logs to be split in a manner that will cause you to reach across the log splitter.

### ***Maintenance and Repair***

- Follow all safety rules, because most accidents involving the operation, maintenance, or repair of products occur because the assembler/owner/operator failed to observe basic

safety rules or operating instructions.

- **ALWAYS** inspect your log splitter before each use. Make sure all nuts, bolts, screws, hydraulic fittings, hose clamps, etc. are securely tightened.
- **ALWAYS** check the oil level in the hydraulic oil tank and engine reservoir.
- **NEVER** operate your log splitter when it is in need of repair or is in poor mechanical condition.
- **NEVER** tamper with the engine to run it at excessive speeds. The maximum engine speed is preset and is within safety limits.
- **NEVER** make alterations to your log splitter in any manner. Such alterations may cause the log splitter to become unsafe and **WILL VOID THE WARRANTY**.
- **NEVER** attach a rope or extension to the control lever or add width or height to the splitting wedge. Such **ALTERATIONS** may cause the log splitter to become **UNSAFE** and **WILL VOID THE WARRANTY**.
- **ALWAYS** clean the unit after each use. If possible, store the unit inside or cover

### ***Towing***

- **ALWAYS** check before towing to make certain your log splitter is correctly and securely attached to the towing vehicle. Be sure that the ball hitch you are using is the proper size for the hitch coupler on the log splitter . Be sure the safety chains are properly hooked to the vehicle leaving enough slack for turning.
- **ALWAYS** allow for added length of the log splitter when turning, parking, crossing intersections, and in all driving situations.
- **ALWAYS** be careful when backing up. You could jackknife your log splitter if care is not taken.
- **ALWAYS** disconnect your log splitter from your towing vehicle before attempting to use it.
- **NEVER** exceed 35 m.p.h. when towing your log splitter. Obey all state and local regulations when towing on state and local roads and highways. Adjust your speed for terrain and conditions, as needed. Be extra cautious when towing over rough terrain, especially over a railroad crossing.
- **NEVER** tow your log splitter when there is fuel in the engine's tank.
- **NEVER** allow anyone to sit or ride on your log splitter.
- **NEVER** carry any cargo or wood on your log splitter.



## ***Refueling***

- **ONLY** refuel the log splitter outdoors in a clear area void of gas fumes or spilled gasoline.
- **ALWAYS** use an approved fuel container to carry gasoline.
- **ALWAYS** replace the log splitter gas cap and the fuel container cap securely.
- If gasoline is spilled, move the machine away from the area of the spill and avoid creating any source of ignition until the spilled gasoline has completely evaporated.
- Take a class B fire extinguisher with you when operating the log splitter in dry areas as a precautionary measure against possible flying sparks.
- Always store gasoline in an approved, tightly sealed container. Store the container in a cool, dry place. Do not store the container in a house or near any heating appliance.
- Do not smoke or have open flames when refueling the engine. Do not spill fuel. If fuel should spill, quickly wipe up the spill and allow the excess to evaporate before continuing. Make sure gasoline soaked rags are properly disposed of.
- **DO NOT** fill the gas tank while the engine is hot or running. Allow time for the engine to cool down before refueling.

## ***Preventing Fires***

- **NEVER** operate the log splitter near a flame or spark. Oil and gasoline are flammable and can explode.
- **NEVER** smoke while operating or refueling the log splitter. Gasoline, oil, and even gas fumes can explode.

## ***Important Notice***

The log splitter is equipped with an internal combustion engine and should not be used on or near any unimproved forest-covered, brush-covered, or grasscovered land unless the engine's exhaust system is equipped with a spark arrester meeting local or state laws (if any). If a spark arrester is used, it should be maintained in effective working order by the owner and/or operator.

## ***Start-Up Procedure***

### **IMPORTANT NOTICE:**

Do not start the engine. Follow all of the instructions in the "Start-up Procedure" before operating the log splitter. Failure to follow this recommendation will result in engine and hydraulic pump damage.

If this log splitter is purchased without an engine, the customer assumes all liabilities

that might arise from an engine that is incompatible with the design of the log splitter. Also, any unauthorized changes or modifications to the log splitter will void all warranties. **HUD-SON FOREST EQUIPMENT 1-800-765-7297**

**IMPORTANT:** The hydraulic system oil for your log splitter **NEEDS TO BE CHECKED FOR PROPER LEVEL BEFORE STARTING ENGINE.** Make sure the filter is installed before attempting to fill the hydraulic tank or start the engine. Instructions are printed on the side of the filter.

**IMPORTANT:** Before starting the engine, read the engine manufacturer's operating and maintenance instruction manual. If an engine manual was not supplied with the log splitter, it is your responsibility to obtain a manual. Start by contacting the store where you purchased the log splitter. If they cannot help you, contact the engine manufacturer. Check the hydraulic tank fluid level. Add if needed with SAE 10W tractor hydraulic oil



or automatic transmission fluid, such as Dextron III. The tank is full when the oil level is approximately one inch from the top of the tank. Tighten the fill cap. Be careful not to spill fuel when filling the engine. If fuel should spill, quickly wipe off and allow the excess fuel to evaporate before continuing. Fuel and fuel vapors are highly flammable and can cause personal injury or even death when ignited.

**IMPORTANT NOTICE**

Your log splitter is equipped with a factory installed engine, do not mix oil with the gasoline. Using mixed oil/gasoline in a four cycle engine can cause engine damage.

1. Fill the engine's fuel tank with fresh, clean, lead-free automotive gasoline.
2. Grease fittings are installed at major friction surfaces and grease needs to be adequately maintained to friction bearings and surfaces. Attach the spark plug wire and start the engine per the manufacturer's instructions.
3. Cycle the log splitter several times.
4. Again, check the fluid level in the hydraulic tank and add oil as needed. Replace and tighten the fill cap.
5. Your log splitter is now ready to operate



***Towing***

Maximum Speed Limit - 35 mph - Your log splitter is built on a solid, unsuspended axle. To prevent damage or possible loss of vehicle control, use extreme caution when

towing and do not exceed a vehicle speed of 35 mph, especially when driving on a bumpy road. Exceptions may apply contact **HUDSON FOREST EQUIPMENT 1-800-765-7297**.

1. Position the hitch coupler of the log splitter over or onto the tow vehicle's tow ball. In some cases, the hitch coupler may not totally engage with the tow ball without raising the jack leg assembly. Pull the latch assembly on the hitch coupler up and into the open position.
2. Release the latch assembly on the hitch coupler and lock the hitch coupler onto the tow ball. Attach the towing safety chains to the tow vehicle.
3. Raise the front leg to the towing position by pulling the spring pin. If not already secure, make sure the hitch coupler is properly and securely attached to the tow ball.
4. Place a customer supplied lock or lock pin into the latch assembly of the hitch coupler

**WARNING:** Making sure the log splitter is securely attached to the vehicle is the responsibility of the owner/operator. Failure to securely attach

the log splitter can cause loss of control of the vehicle or the log splitter being separated from the towing vehicle, resulting in serious injury or death.



### ***Operation***

Do not attempt to operate the log splitter without fully understanding all our instructions, safety precautions, and/or warnings. If any doubt or question arises about the correct or safe method of performing anything found in this manual, contact **HUDSON FOREST EQUIPMENT 800-765-7297** Proper care is your responsibility.

When operating the log splitter, make sure you are standing in a safe operating area. You must stay in the safe operating area at all times when the splitting wedge is in motion (whether extending or retracting). Never place any part of your body into a position that causes an unsafe operating condition.

1. Set your log splitter on flat, dry ground. Make sure you read all the recommendations from the "Safety" section before using the log splitter.
2. Make sure both ends of the log you are splitting are cut as square as possible. This will prevent the log from sliding out of position while under pressure. All logs should be 24 inches long or shorter.

**Never attempt to split wood across the grain. The log splitter was not designed for cross-grain splitting. Doing so will damage the log splitter and may cause personal INJURY.**

3. Only using your hand, push the control lever forward (towards the log). If the log moves, before it is contacted by the splitting wedge, release the control lever and

then reposition the log. Operate the log splitter only when standing in a safe operating area. Make sure you stand clear from the engine's exhaust. Hot exhaust is intense and can cause serious injury.

If you find you must hold the log until the wedge touches it and holds it in place, be very careful not to put your hand between the log and the end plate or the log and the wedge. If you must, hold the log on top and in the middle. Remove your hand immediately when the splitting wedge engages the log.

Never use your hip or any extension device to operate the valve control handle.

**Do not** operate the log splitter by reaching across the rail. This is a very **UNSAFE** method which could cause personal injury or even death.

**Do not** reach or step across the rail while the log splitter is running. This is a very **UNSAFE** method which could cause personal injury or even death.

#### **CAUTION**

4. Start the engine using the instructions from the engine manual. If the log splitter has not been running (cold engine), warm up the engine and hydraulic system by running the engine at half throttle for 3 to 4 minutes, then advance the engine throttle control to maximum speed.

### ***Operation - Horizontal Position***

Before loading and operating the log splitter, always wear protective gear, such as safety goggles, face shield, hearing protection, tight-fitting gloves without draw strings or loose cuffs, and steel-toed shoes. **HUDSON FOREST EQUIPMENT 1-800-765-7297**

5. Never split a log using an incorrect or unsafe method.

a. Place the log on the log splitter. Grasp the log on the sides near the middle of the block. Center the log, side-to-side, on the rail of the log splitter, making sure that the sawed end is against the large plate (base plate) at the opposite end of the hydraulic control valve control lever.

**Do not** place your hands on the ends of the log when loading the log splitter. This is a very **UNSAFE** method and could result in injury to your hands.

#### **CAUTION - WARNING**

c. Hold the control lever, extending the splitting wedge, until the log is split or the cylinder rod stops at its maximum travel position. Stop the log splitter (forward movement), at any point in the splitting process, if you feel an unsafe log splitting condition is occurring. As the log is being split, **DO NOT** reach forward and attempt to catch the split wood - let it fall to the ground.

d. Once the wedge reaches its full forward travel, pull back on the control lever to the



full retract position. The ram of the cylinder will automatically retract into the cylinder. It is not necessary to hold the control lever as the cylinder retracts. Stop the wedge if the log sticks (see caution below). When the cylinder is fully retracted, the control valve will automatically shift to a neutral position.

**e. DO NOT** load another log or remove split pieces until the wedge has completely stopped and the control handle automatically returns to the neutral position.

Depending on the type of wood being split, a log may not always break into two pieces and fall to the ground. If a log sticks to the wedge, place the valve handle in the neutral position (stop the wedge from retracting) and carefully remove the log from the wedge. Allowing the log to remain attached to the wedge when it is fully retracted could lead to possible injury and/or damage to the log splitter.

### ***Operation - LJHV - Horizontal - Vertical Splitter***

#### **WARNING**

Before loading and operating the log splitter, always wear protective gear, such as safety goggles, face shield, hearing protection, tight-fitting gloves without draw strings or loose cuffs, and steel-toed shoes.

**6.** Never split a log using an incorrect or unsafe method.

**a.** To operate the log splitter in a vertical position, pull the spring-loaded locking lever and twist the locking lever either direction to lock it in the "unlocked" position.

**b.** Block the wheels and stand the rail assembly up into a vertical position.

**c.** Turn the spring-loaded locking lever knob until the pin slides into the slot. This allows the plunger to snap into place, securing the rail assembly in a vertical position.

**d.** Move the log under the splitting wedge keeping your hands on the sides of the log near the middle of the block. Center the log making sure that the sawed end is sitting on the large plate (baseplate).

#### **CAUTION**

Make sure you stand clear from the engine's exhaust. Hot exhaust is intense and can cause serious injury.

Do not place your hands on top of the log when loading the log splitter. This is a very **UNSAFE** method and could result in injury to your hands.

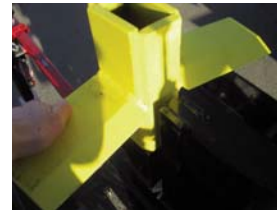
If you find you must hold the log until the wedge touches it and holds it in place, be very careful not to put your hand on top of the log. If you must, hold the log in the middle of the block. Remove your hand immediately when the wedge engages the log.

Never use your hip or any extension device to operate the valve control handle.

- e. Only using your hand, push the control lever down (towards the log). If the log moves, before it is contacted by the splitting wedge, release the control lever and then reposition the log Operate the log splitter only when standing in the safe operating area,
- f. Hold the control lever until the log is split or the cylinder rod stops at its maximum travel position. Stop the log splitter (forward movement), at any point in the splitting process, if you feel an unsafe log splitting condition is occurring. As the log is being split, **DO NOT** reach forward and attempt to catch the split wood - let it fall to the ground.
- g. Once the cylinder reaches its full forward travel, pull back on the control lever to the full retract position. The ram of the cylinder will automatically retract into the cylinder. It is not necessary to hold the control lever as the cylinder retracts. Stop the wedge if the log sticks (see caution below). When the cylinder is fully retracted, the control valve will automatically shift to a neutral position.
- h. **DO NOT** load another log or remove split pieces until the wedge has completely stopped and the control handle automatically returns to the neutral position.

**CAUTION**

Depending on the type of wood being split, a log may not always break into two pieces and fall to the ground. If a log sticks to the wedge, place the valve handle in the neutral position (stop the wedge from retracting) and carefully remove the log from the wedge.



Allowing the log to remain attached to the wedge when it is fully retracted could lead to possible injury and/or damage to the log splitter.

***INSPECTION and MAINTENANCE***

**HYDRAULIC OIL CHANGE**

**HUD-SON FOREST EQUIPMENT** recommends an oil and filter change every 100 hours of operation.

**IMPORTANT NOTICE**

Never run the log splitter unless the hydraulic oil tank is full.

1. Remove and replace the oil filter.
  - a. Remove the existing oil filter and properly dispose of it.
  - b. Apply a thin coat of oil to the rubber seal of the new oil filter.



c. Screw the filter onto the filter head. Once the filter makes contact with the filter head, turn it an additional 3/4 turn. Hand-tighten only.

### ***General Maintenance Check (before operating)***

The hydraulic system (hoses, cylinder, and pump) should be carefully inspected before each use. Also, inspect the mechanical parts at the same time. Make sure all clamps, nuts, bolts, fittings, etc. are properly installed and tightened.



Grease fittings on rams when they slide on frame (4). Do not check for leaks with your hand. Leaks can be located by passing a piece of cardboard or wood around the suspected leak and looking for discoloration. High-pressure fluid escaping from a very small hole can be almost invisible. Escaping fluid under pressure can have sufficient force to penetrate skin, causing serious injury or even death. If fluid is injected into your skin, it must be treated immediately by a doctor familiar with this type of injury.

Always replace frayed, kinked, or cracked hoses and/or other damaged hydraulic components with **HUD-SON FOREST EQUIPMENT** authorized parts and components. **HUD-SON FOREST EQUIPMENT - PARTS DEPARTMENT 1-800- 765-7297**

#### **WARNING**

Do not remove the cap from the hydraulic tank or reservoir while the log splitter is running. Hot oil, under pressure, could be expelled resulting in serious injury.

Should it become necessary to loosen or remove any hydraulic fitting or line, be sure to relieve all hydraulic pressure by shutting off the engine, removing spark plug wire, and moving the valve control handle back and forth several times until no cylinder movement is visible.

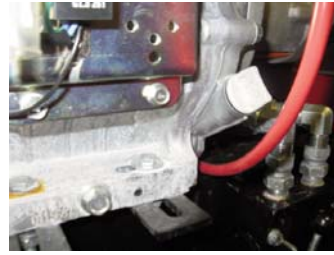
#### **ENGINE SERVICE**

Refer to the engine manufacturers' manual for engine maintenance and repair.

Storage : refer to engine manufacturer manual



2. Refill the hydraulic tank.
3. Start the engine and cycle the cylinder.
  - a. Replace the spark plug and spark plug wire.
  - b. Start the engine and cycle the cylinder several times.
  - c. Retract the cylinder and shut off the engine.
  - d. Recheck the hydraulic tank to make sure oil is filled within approximately one inch from the top of the tank



**Mechanical Specifications (HUD-SON Model HDH-1, Manual start )**

Frame	.....	.Heavy Duty Reinforced Bridge Frame , standard
Wedge	.....	.4-WAY-HD, standard
Hydraulic Pump	.....	.13 GPM
Tank Capacity	.....	.5 US Gal
Cycle Time	.....	.12 seconds (approx.)
Cylinder Stroke	.....	.24 inches
Ram Grease Fittings	.....	.4 Standard
Operating Positions	.....	.Horizontal
Wheels & Tires	.....	.12" highway (Bolt-on)
Safety Chains	.....	.Standard
Hitch Coupler	.....	.2" locking ball (Standard)
Hour Meter & RPM meter	.....	.standard
Engine	.....	.9 HP Robbins Subaru

**Mechanical Specifications (HUD-SON Model HDH-2, Manual Start)**

Frame	.....	.Heavy Duty reinforced Bridge Frame, standard
Wedge	.....	.4- Way,HD, standard
Hydraulic Pump	.....	.16 GPM
Tank Capacity	.....	.15 US Gal
Cylinder Stroke	.....	.24 inches
Cycle Time	.....	.9 seconds (approx.)
Operating Positions	.....	.Horizontal
Wheels & Tires	.....	.12"highway (Bolt-on)
Safety Chains	.....	.Standard
Hitch Coupler	.....	.2" locking ball (Standard)



Hour Meter & RPM meter .....standard  
 Engine .....10HP Briggs & Stratton engine

**Mechanical Specifications (HUD-SON Model HDH-3, Electric Start)**

Frame .....Heavy Duty Reinforced Bridge Frame, Standard  
 Ram Grease Fittings .....4 Standard  
 Wedge .....4- Way-HD, standard  
 Hydraulic Pump .....22 GPM  
 Tank Capacity .....5 US Gal.  
 Cylinder Stroke .....24 inches  
 Cycle Time .....12 seconds (approx.)  
 Operating Positions .....Horizontal  
 Wheels & Tires .....Highway 12" (Bolt-on)  
 Safety Chains .....Standard  
 Hitch Coupler .....2" locking ball (Standard)  
 Hour Meter & RPM meter .....standard  
 Engine .....14HP single cylinder Robbins Subaru

**Mechanical Specifications (HUD-SON Model LJVH Vertical/Horizontal)**

Frame .....Heavy Duty Steel Beam Construction  
 Ram Grease Fittings .....4 Standard  
 Wedge  
 2-WAY-HD  
 Cylinder Stroke .....24 inch  
 Cycle Time .....10 second  
 Operating Positions .....Vertical or Horizontal  
 Wheels & Tires .....Highway 12"(bolt on)  
 Safety Chains .....Standard  
 Hitch Coupler .....2" locking ball (Standard)  
 Engine .....6.5 HP- Manual Start Briggs & Stratton  
 Hydraulic Tank .....5 US gal.  
 Hydraulic Pump .....13 GPM

**Optional Attachments:  
HDH-LOG LOADER, 37" X 16" W/2' PLATFORM AVAILABLE  
FOR EACH HDH-MODEL. Call Hud-Son 1-800-765-7297**



**Log Lift Cylinder**

**WARNING**

To avoid personal injury or death, carefully read and understand all instructions pertaining to the HUD-SON FOREST EQUIPMENT log splitters. Do not attempt to modify, operate, or maintain our product without fully understanding all our instructions and safety precautions. Do not operate the log splitter unless you read and understand the instructions and warnings in this manual. If any doubt or question arises about the correct or safe method of performing anything found in this HUD-SON FOREST EQUIPMENT catalog or manuals, contact the HUD-SON FOREST EQUIPMENT dealer or call the Factory sales OR Service department at 800-765-7297. Proper care is your responsibility

**WARNING:**

Accidents can often be avoided by being alert and recognizing potentially hazardous situations. Any individuals operating, maintaining, or repairing products manufactured by HUD-SON FOREST EQUIPMENT should have the necessary training, skills, and tools required to perform these functions properly and safely. The safety information in this manual serves as a basic guide in an attempt to prevent injury or death.

HUD-SON FOREST EQUIPMENT cannot anticipate every possible situation. The warnings in this manual and on the product itself are, therefore, not all inclusive. If tools, procedures, work methods, or operating techniques that are not specifically mentioned by HUD-SON FOREST EQUIPMENT Are used, you must satisfy yourself that they are safe for you and for others. Make sure the log splitter will not be damaged or made unsafe by any operation, lubrication, maintenance, or repair procedures that you choose.

DO NOT proceed if any doubt arises about the correct or safe method of performing anything found in this or other HUDSON FOREST PRODUCTS manuals. Any individuals operating, maintaining, or repairing products manufactured by HUD-SON FOREST EQUIPMENT should have the necessary assistance from a qualified person before continuing.

**800.765.SAWS • WWW.HUD-SON.COM**

*Thank you for choosing*



Hud-Son Forest Equipment, Inc.

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*We have an onsite technician available to answer any questions*

*Monday - Friday 8 to 4:30 and Saturday from 8 to noon. 315-896-7297.*

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