

# 40 Ton Hydraulic Log Splitter

## USER MANUAL



SKU: LS001

**JONO  
&  
JOHNO**



[www.chainsawspares.com.au](http://www.chainsawspares.com.au)

# Specifications

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40t maximum capacity

13hp 4 stroke engine

Electric & Recoil Start

Suitable for off-road towing up to 56km/h

16" x 6.5" pneumatic tyres

Log size 610mm long to 900mm diameter

Horizontal and Vertical use

Maximum pressure: 3500psi

Heavy duty ram wedge

Pressure relief setting: 3000psi

Maximum flow: 16 g.p.m.

Coupler size: 2 inch

Hydraulic cylinder bore: 5 inch

Cycle time: 14 seconds

Assembled measurements: L 2.4m x W 1.3m x H 1.1m

Assembled Weight: Approx 280kgs



# Before Each Use - Inspection/Maintenance

**Step One: Inspect and maintain log splitter before each use.**

If the log splitter has been used previously, it must be inspected and maintained BEFORE EACH SUBSEQUENT USE.

## WARNING!

ALWAYS shut off the tractor, relieve the system pressure and disconnect the hydraulic lines before inspecting, cleaning, adjusting or repairing the splitter. Relieve system pressure by moving Split Control Lever back and forth several times.

### 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 of the log splitter

<b>1. Tractor off/ relieve hydraulic pressure</b>	Perform all inspections/repairs with the tractor off and hydraulic system pressure relieved. <ol style="list-style-type: none"><li>1. Turn off tractor engine.</li><li>2. Relieve all hydraulic system pressure by moving the Split Control Lever and the tractor hydraulic control valve handle back and forth several times.</li><li>3. Disconnect hydraulic lines.</li></ol>
<b>2. Remove debris</b>	<b>Remove debris from moving parts.</b> Debris on moving parts can cause excess wear. Clear debris from the slide beam wedge and endplate
<b>3. Mechanical Parts</b>	<b>Check to be sure all nuts and bolts are tight</b> to make sure the log splitter is in a safe working condition.
<b>4. Hydraulic Components</b>	<b>Check the hydraulic components carefully:</b> <ol style="list-style-type: none"><li>1. Visually inspect all hoses, clamps/fittings for cracks, fraying, kinks or other damage.</li><li>2. Check all components for oily residue, which may indicate a leak.</li></ol> <b>DO NOT</b> operate the log splitter if there is any indication of damage or oily residue. Small leaks in hydraulic lines can cause severe injuries and can also be an indication of catastrophic failure in the near future. The life of hydraulic hoses may be from a few months to a few years, depending on use and storage.

**WARNING!** High fluid pressures and temperatures are developed in hydraulic log splitters. Hydraulic fluid escaping through a pin hole sized opening can burn or puncture skin, resulting in wounds that could cause blood poisoning, infection, disability, gangrene, amputation or death. Therefore, the following instructions should be heeded at all times when inspecting or servicing the hydraulic components of the log splitter:

- Stop the engine and move all control valve handles back and forth to relieve pressure before changing or adjusting hydraulic system components such as hoses, tubing, fittings or other components.
- NEVER check for leaks with your hand. Leaks can be located by holding a piece of cardboard or wood (at least 2 feet long) with your hand at one end and passing the other end over the suspected area (wear eye protection). Look for discoloration of the cardboard or wood.
- If injured by escaping fluid, no matter how small the wound is, see a doctor at once. A typical injection injury may be a small puncture wound that does not look serious. Severe infection or reaction can result if proper medical treatment is not administered immediately by a doctor who is familiar with injection injuries.

**5. Shields/  
Guards**

**Replace all guards and shields after servicing the log splitter.**

# Before Each Use - Work Site Selection & Setup

## Step Two: Work site and log splitter setup

### WARNING!

It is important to select an appropriate work site and properly set up the log splitter in order to minimise the risk of slips and falls, equipment rolling or tipping over, carbon monoxide poisoning and accidental fires.

<b>1. Select location</b>	<p><b>Select an appropriate location for operating the log splitter.</b></p> <p>Requirements:</p> <ol style="list-style-type: none"><li>1. Dry, level surface with good footing. Stay clear of areas with mud, ice, tall grass, weeds or brush.</li><li>2. Outdoors, away from air intakes.</li></ol> <p><b>WARNING!</b> The running engine gives off carbon monoxide, a poisonous gas that can kill you. You CANNOT smell it, see it or taste it.</p> <ul style="list-style-type: none"><li>▪ ONLY run the log splitter <b>OUTDOORS</b> and away from air intakes. NEVER run the log splitter inside homes, garages, sheds or other buildings with semi-enclosed spaces. These spaces trap poisonous gases, EVEN if you run a fan or open windows.</li><li>▪ If you start to feel sick, dizzy or weak while using the log splitter, shut off the engine and get to fresh air RIGHT AWAY. See a doctor. You may have carbon monoxide poisoning.</li></ul>
<b>2. Fire precautions</b>	<p><b>Take the following precautions against fire:</b></p> <p>Keep a fire extinguisher available (classified for both ordinary combustibles &amp; flammable liquids) as a precautionary measure when operating the log splitter in dry areas.</p>
<b>3. Positioning</b>	<p>Position engine exhaust and other hot elements of the engine at least 7ft from any combustible objects during splitter operation. Hot exhaust fumes from the engine could cause fires.</p>
<b>3. Engage parking brake</b>	<p><b>Make sure the tractor's parking brake is engaged before operating the log splitter.</b></p> <p><b>WARNING!</b> If the parking brake is not engaged, the tractor could roll while you are operating the log splitter. Personal injury could result.</p>



# Splitting Operation

## WARNING!

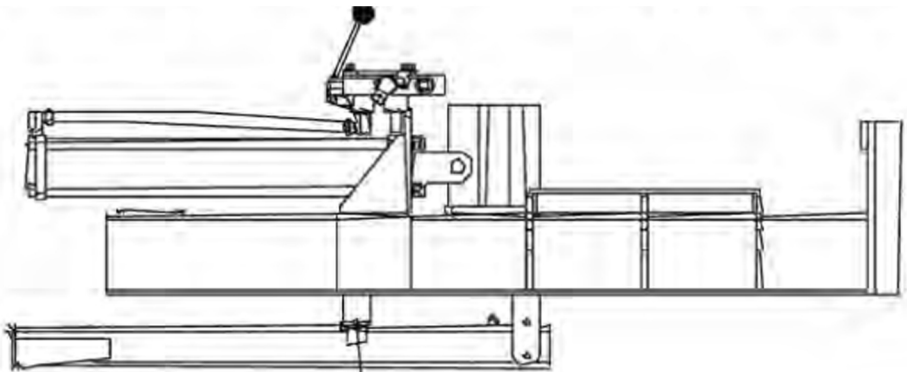
Before starting the log splitter, review the following instructions and safety information for safe operation. Failure to follow these rules may result in serious injury to the operator or bystanders from moving parts that crush, cut or entangle; from flying objects, fire, falling or tripping; or from carbon monoxide poisoning.

### GENERAL SAFETY INFORMATION

- **Read Manual.** Do not allow anyone to operate the log splitter who has not read the Owner's Manual or has not been instructed on the safe use of the log splitter. The log splitter owner should instruct all operators in safe log splitter operation.
- **Age Restrictions.** NEVER allow anyone under 16 years old to operate the log splitter. Children 16 years and older must be trained and supervised by a trained adult.
- **Intended Use.** Log splitters should only be used for splitting wood logs, lengthwise with the grain. Do not use for other purposes as unforeseen hazards may result.
- **Modifications.** NEVER modify or alter the log splitter in any way. Modifications can create serious safety hazards and will void the warranty.
- **Attachments.** NEVER add attachments to the splitter, except for authorised accessories supplied by the manufacturer.
- **Remote Control.** NEVER attach a rope, cable or other remote device to the splitting control.
- **Splitting Wedge.** NEVER attempt to change the height or speed of the splitting wedge.
- **Safety Equipment.** Always operate the log splitter with all safety equipment in place and in good working order.
- **Know How to Stop.** Be familiar with all controls and with proper use of all equipment. Know how to stop the splitter and reliever system quickly if needed.
- **Operating Speed.** Always operate the log splitter at the manufacturer's recommended speed. Adjust the tractor engine speed so the flow rate does not exceed 11GPM/16GPM. Higher flow rates make the beam slide move dangerously fast.
- **Daylight Only.** Only use the log splitter in daylight so you can see what you are doing.
- **Smoking/Sparks.** NEVER smoke while operating the log splitter and NEVER operate near sources of flames or sparks.
- **Under the Influence.** NEVER operate, or let anyone else operate the log splitter while under the influence of alcohol, drugs or medication.
- **Unattended.** NEVER leave the log splitter unattended while the engine is running.
- **Adjusting/Repairing.** Turn the tractor off before cleaning, repairing or adjusting the log splitter. Before changing or adjusting hydraulic system components such as hoses or fittings, first relieve the hydraulic line pressure by moving the Split Control Lever and the tractor hydraulic control valve handles back and forth a few times. Then disconnect hydraulic lines.
- **Replace Labels.** Always make sure safety labels are in place and in good condition.



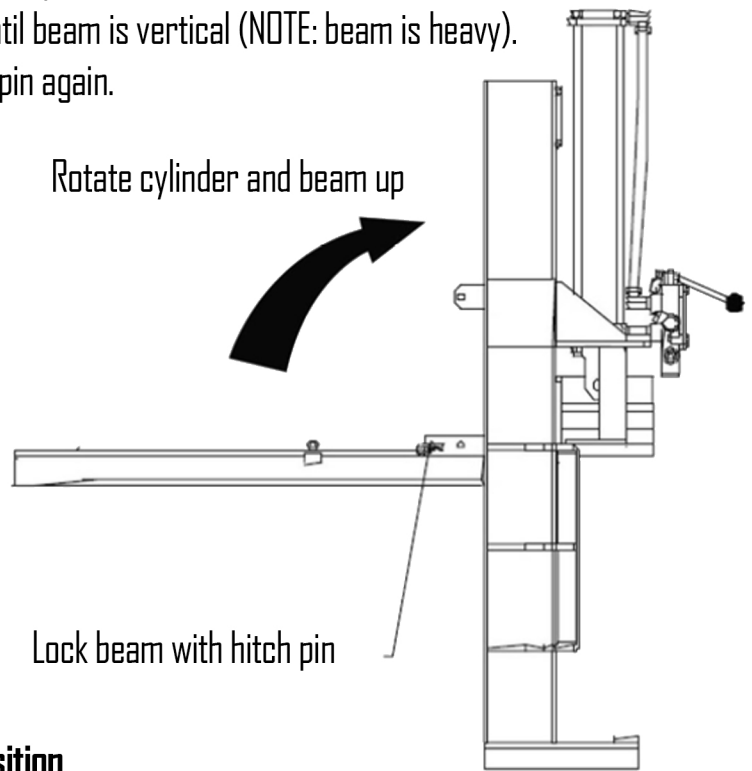
# Splitting Operation

<p><b>1. Use protective clothing/gear</b></p>	<p><b>Wear the following protective clothing and safety gear:</b></p> <ul style="list-style-type: none"><li><b>a. Eye Protection.</b> Always wear safety glasses or goggles when operating the machine. Pieces of log may fly out and serious eye injuries can occur.</li><li><b>b. Boots.</b> Falling logs can crush feet. Always wear safety shoes or heavy boots when operating or helping to load logs.</li><li><b>c. Gloves.</b> Wear snug fitting gloves without draw strings or loose cuffs.</li><li><b>d. Hearing protection.</b> The use of ear plugs or other hearing protection is recommended.</li><li><b>e. No Loose/Dangling Apparel.</b> Loose or dangling apparel can become entangled in moving parts. Never wear jewellery or loose fitting clothing.</li></ul>
<p><b>2. Engage Parking Brake</b></p>	<p><b>Secure log splitter from unintended movement - make sure the tractor's parking brake is engaged before operating the log splitter.</b></p> <p><b>WARNING!:</b> If the parking brake is not engaged, the tractor could roll while you are operating the log splitter. Personal injury could result.</p>
<p><b>2. Set to Horizontal or Vertical Position</b></p>	<p><b>The log splitter can be set to either horizontal or vertical splitting position.</b></p> <p>The <b>HORIZONTAL</b> splitting position is used for lighter logs that can easily loaded onto the beam. The <b>VERTICAL</b> splitting position is for light logs as well as heavy logs that are difficult to load onto the beam.</p> <p><b>WARNING!:</b> NEVER change splitting positions with the engine running. Injury can occur.</p> <p><b>Make sure beam is locked securely in the horizontal position with the hitch pin.</b></p>  <p>The diagram shows a side view of a log splitter. A horizontal beam is positioned below the main splitting mechanism. A hitch pin is inserted into a hole on the bottom of this beam. A line points from the text 'Hitch Pin' to the pin.</p>

# Splitting Operation

## 1. Set in vertical position using the following steps:

- Unlock beam by removing hitch pin.
- Rotate cylinder and beam until beam is vertical (NOTE: beam is heavy).
- Lock into position with hitch pin again.



## 2. To return to horizontal position

- Unlock beam by removing hitch pin.
- Rotate cylinder and beam down carefully in a controlled manner until beam is horizontal.
- Lock beam in horizontal position with the hitch pin.

**WARNING!** Crush hazard. The beam is heavy, do not just let it drop. It could crush fingers or cause damage to the splitter.

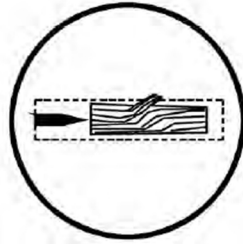
## 2. Loading Logs

**Load log onto the beam with a cut end against the endplate - positioned for a lengthwise cut.**

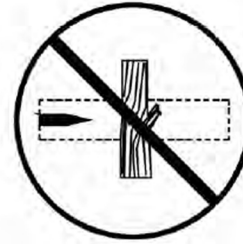
### NOTES:

- The log splitter is designed only for cutting lengthwise with the grain, NOT for cutting across the grain.
- This log splitter is designed for cutting logs only up to a limited length and diameter. Larger diameter logs can get stuck on the wedge and longer logs will not fit on the beam.

# Splitting Operation



Correct log orientation



Incorrect log orientation

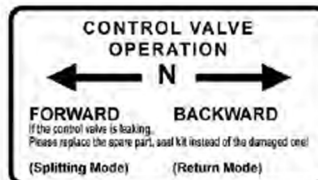
**WARNING!** ALWAYS keep hands and feet away from the endplate, wedge and partially split logs while loading, operating and unloading the log splitter.

**Important Safety Instructions:**

- **Hold bark side.** Hold the bark side of logs when loading or positioning, never the ends. Never place your hands or part of your body between a log and any part of the log splitter
- **Note for vertical position loading:** Place the log on the endplate and turn it until it leans against the beam and is stable. If the log is too big or oddly shaped, stabilise the log with wooden shims between the log and the endplate or ground. DO NOT use your leg or knee to stabilise the log. NEVER stabilise the log by placing your hand on top of the log.
- **Wedge Moving.** NEVER load or unload logs while the wedge is moving.
- **Straddling/Reaching.** Never straddle, reach across or step over the beam while the engine is running and the log splitter is in the horizontal position. You could trip, actuate the controls and get seriously injured.
- **Unsplit log pile.** Do not pile logs to be split in a place that will make you reach across the log splitter in order to load them
- **Square log ends.** Logs that are not cut square can slide out while splitting and become a safety hazard or cause excessive force to log splitter components. Use a chainsaw to cut logs square on each end before attempting to split them.
- **Single log.** Never attempt to split more than one log at a time. Pieces of log can unexpectedly be thrown from the machine and cause injury.
- **Split along the grain.** Do not use the log splitter to split logs across the grain. Doing so will damage the log splitter and could also cause pieces to be thrown, causing injury to the operator or bystanders.

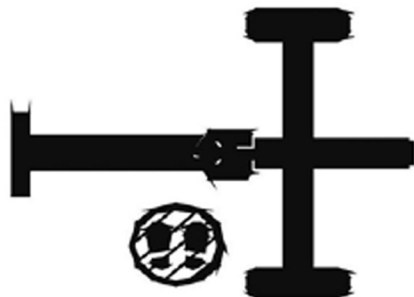
**5. Extend Wedge**

**Move Split Control Lever toward endplate to extend wedge and split log.**

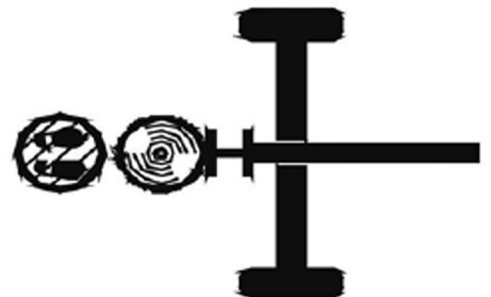




# Splitting Operation



Operator Position-Horizontal



Operator Position-Vertical

## **Important Safety Instructions:**

**Operator position.** ALWAYS operate the log splitter from the manufacturer's indicated OPERATOR POSITION. (See diagram above) Other positions are unsafe because they can increase the risk of injury from crushing, cutting, flying objects or burns.

**Remove hands.** Remove both hands from the log before activating the Split Control Lever  
**Hand activate.** Use only your hand to operate the Split Control Lever. Never use any other body part, or a rope, cable or other remote device to actuate the control.

**Second person.** Many accidents occur when there is more than one person involved in loading and operating the log splitter. Only one person should operate the controls. If a second person is assisting in loading logs, the operator must NEVER actuate the Split Control Lever until the assistant and all bystanders are at least 10 feet away. NEVER allow an assistant to hold the log in place while the operator actuates the Split Control Lever.

## **6. Stop the Wedge**

**Release Split Control Lever to stop wedge movement when log is split.**

**WARNING!:** Cracks in logs can close quickly and pinch fingers. Keep fingers away from any cracks that open in partially split logs.



# Splitting Operation

## 7. Stuck Log Procedure



If a log does not split completely and becomes stuck on the wedge, follow the instructions below to remove the log.

A log can become stuck to the wedge if the wedge becomes embedded in the log and the log doesn't split and separate. This can happen if the log is too stringy or tough to split completely.

A stuck log will move back with the wedge on the initial attempt to retract the wedge. If this happens, STOP retracting the wedge immediately and follow the directions below,

**WARNING! NEVER** attempt to remove a stuck log by:

- Using the hydraulic force of the splitter
- Modifying the splitter
- Adding attachments to the splitter

Personal injury could result from log or metal pieces flying out at high speed toward the operator or bystanders, or the splitter could become damaged.

1. If there is already 1" or more of clearance between the log and endplate, go to step 2. Otherwise, retract wedge just enough to remove pressure between the log and endplate about 1" clearance (Move split control to return, allow wedge to move about 1", then stop the wedge by moving the split control to neutral 'N')

2. Turn engine OFF

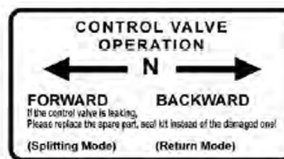
3. Remove stuck log from the wedge manually with a pry bar or a sledgehammer.

**Important:** Be extremely careful as log pieces may fly off as they separate from the wedge. Make sure bystanders are clear and wear safety goggles.

4. Do not attempt to resplit a stuck log once it has been removed from the wedge. Manually split with an axe or cut with a chainsaw.

## 8. Return Wedge

**Move Split Control Lever away from endplate to return wedge.** Once the control valve is actuated in the return direction, the wedge is designed to keep returning by itself completely and then stop automatically.



**WARNING!** Stay clear while the wedge is returning. It is still powerful enough on the return stroke to cause serious injury.

# Splitting Operation

<b>9. Remove split Wood</b>	<b>Remove split wood from area.</b> Move each log away from the log splitter after it is split. Split logs left near the log splitter are a trip hazard.
<b>10. After Use</b>	<b>Return splitter to horizontal position.</b> If in the vertical position, return log splitter to the horizontal position for greater stability and prepare for transportation.

## Sound and vibration.

<b>LpA Sound pressure level</b>	<b>93.9dB(A)</b>
<b>KpA uncertainty</b>	<b>4dB</b>
<b>Lwa Sound power level</b>	<b>dB(A)</b>
<b>KwA uncertainty</b>	<b>4dB</b>

# Storage

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<b>1. Retract Wedge</b>	<b>Retract the wedge completely to keep the rod protected from corrosion.</b>
<b>2. Wipe with oily rag</b>	<b>Wipe the beam and wedge with an oily rag to prevent corrosion.</b>
<b>3. Splitter storage location</b>	<b>Store the log splitter in a dry location away from corrosive material.</b> <b>NOTE:</b> Do not store the log splitter near fertiliser or similar corrosive materials.



# Troubleshooting

## WARNING!

Before troubleshooting or attempting to service, read the following safety instructions to avoid serious injury to the operator or bystanders from moving parts that can crush, cut, cause burns, fire or explosion or escaping high pressure hydraulic fluid.

### Important Safety Instructions:

**1. Engine Off.** Always make sure the tractor engine is off before cleaning, repairing or adjusting the splitter, except as recommended by the manufacturer.

### 2. Hydraulic Safety.

- a. Please use at least 20L of hydraulic fluid before using this machine for the first time.
- b. We recommend using the hydraulic fluid we provide with the splitter.
- c. Before starting the engine, please pull the starter cord several times to make sure the fuel system is filled with hydraulic fluid, this may relieve the pressure for the hydraulic parts.
- d. After using for the first time, clean the filter. Be sure to do this regularly to avoid blocking the filter.

High fluid pressure and temperatures are developed in hydraulic log splitters. Hydraulic fluid escaping through a pin hole sized opening can burn or puncture skin, resulting in wounds that can cause blood poisoning, infection, disability, gangrene, amputation or even death. Therefore, the following instructions should be heeded at all times when inspecting or servicing the hydraulic components of the log splitter:

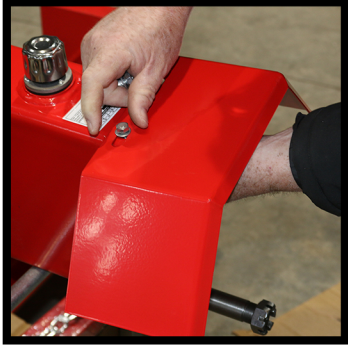
- Turn off tractor engine, move all control handles back and forth to relieve pressure and disconnect hydraulic lines before changing or adjusting hydraulic system components such as hoses, tubing, fittings or other components.
- NEVER check for leaks with your hand. Leaks can be located by holding a piece of cardboard or wood (at least two feet long) with your hand at one end and passing the other end over the suspected area (wear eye protection). Look for discoloration of the cardboard or wood.
- If injured by escaping fluid, no matter how small the wound is, see a doctor at once. A typical injection injury may be a small puncture wound that does not look serious. However, severe infection or reaction can result if proper medical treatment is not administered immediately by a doctor who is familiar with injection injuries.

Problem	Solution
Cylinder rod will not move	Solution: A,D,E,H,J
Slow cylinder shaft speed when extending or retracting	Solution: A,B,C,H,I,K
Wood will not split or splits extremely slowly	Solution: A,B,C,F,I,K
Tractor engine bogs down during splitting	Solution: G
Tractor engine stalls under low load	Solution: D,E

Cause	Solution
A - Insufficient oil to pump	Check oil level in reservoir
B - Air in oil	Check oil level in reservoir
C - Excessive pump inlet vacuum	Check pump inlet hose for blockage or kinks
D - Blocked hydraulic lines	Flush and clean the splitter hydraulic system
E - Blocked control valve	Flush and clean the splitter hydraulic system
F - Low control valve setting	Adjust control valve with a pressure gauge
G - High control valve setting	Adjust control valve with a pressure gauge
H - Damaged control valve	Return control valve for authorised repair
I - Internal control valve leak	Return control valve for authorised repair
J - Damaged cylinder piston	Return cylinder for authorised repair
K - Internally damaged cylinder	Return cylinder for authorised repair



# Assembly



1. Attach the wheel guards to the wheel/tank frame.



2. Attach the battery holder to the wheel/tank frame.



3. Attach both wheels. Tighten bearing to ensure the wheels are secure and then attach the split pin to each bearing/axle.



4. Attach the jockey wheel to the coupling frame. Use the circlip (circled) to keep in place.



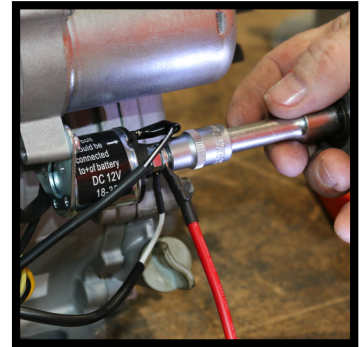
5. Attach the clear hose to the tank outlet. Tighten the clamp to ensure a tight fit.



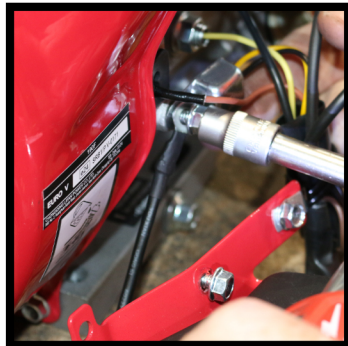
6. Attach the wheel/tank frame to the coupling frame.



Should look like this once the frames are connected.



7. Attach the battery wires to the engine. The red wire goes to the solenoid as shown.



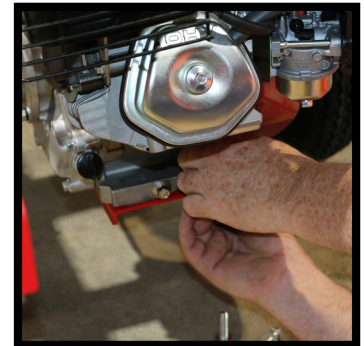
8. Remove the electric start and attach the black wire to the engine bolt shown. Refit the electric start.



9. Attach the hydraulic pump to the engine. Ensure it is the correct way up. Refer to the pictures.



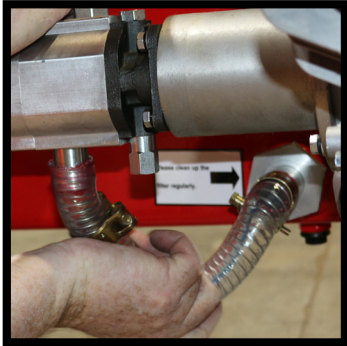
10. Place the engine on the engine stand. Ensure it is placed the correct way. Refer to the pictures.



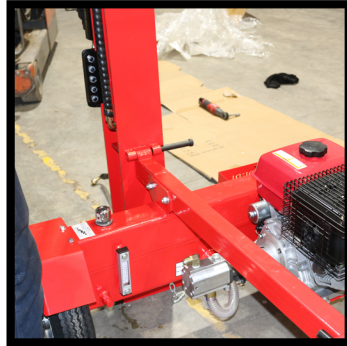
11. Using the bolts provided, attach the engine to the engine stand.



# Assembly



12. Attach the hose from the tank to the hydraulic pump. Tighten the clamp to ensure a good fit.



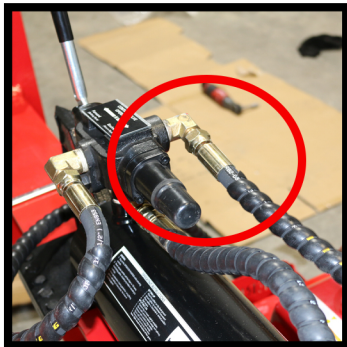
13. With the splitting beam upright, attach the beam and the frame with the pin shown. Hammer in the pin.



14. Carefully lower the beam and use the spring pull pin to ensure the beam is attached.



15. Place the small pin through the Control Lever to ensure it is in place.



16. Take the hose circled (this is very important you use the correct hose) and attach to the hydraulic pump.



Make sure it is nice and tight and there are no leaks.



17. Attach the other hose to tank, as shown here. Make sure it is nice and tight and there are no leaks.



18. Attach the stabilisation leg to the splitting beam.



19. Use the chain to hold the leg up when not in use.



19. Attach all other accessories.



Finished unit.









# Labels & Stickers

**OPERATING INSTRUCTIONS**

<p><b>GENERAL</b></p> <ol style="list-style-type: none"> <li>Stay in the OPERATOR POSITION while actuating controls.</li> <li>Never actuate controls until the helper is 10ft away from the log splitter, including any helpers assisting to load logs.</li> <li>Wear eye protection, hearing protection, snug fitting gloves, and safety or heavy boots. No loose or dangling apparel.</li> </ol>	<p><b>SETTING UP</b></p> <ol style="list-style-type: none"> <li>Place log splitter on dry, level ground.</li> <li>Secure splitter for unintended movement.</li> <li>Place splitter in horizontal or vertical position.</li> <li>Start engine.</li> </ol> <p><b>SPLITTING LOG</b></p> <ol style="list-style-type: none"> <li>Position log on beam, against endplate.</li> <li>Move split control to extend wedge and split log.</li> <li>Release split control to stop wedge.</li> <li>Move split control to return wedge.</li> <li>Remove split wood from work area.</li> </ol> <p>Note: Split wood in direction of the grain.</p>	 <p>Operator Position - horizontal</p>  <p>Operator Position - vertical</p>
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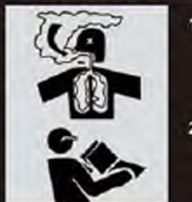
24.8cm X 4.5cm

**⚠ WARNING**

	<ol style="list-style-type: none"> <li><b>Blade hazard.</b> Blade can cut through skin and break bones. Keep hands away.</li> <li><b>Flying objects.</b> Pieces of log can fly out while splitting. Serious eye injury can occur. Wear safety glasses.</li> </ol>
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12.3cm X 4.5cm

**⚠ WARNING**

	<ol style="list-style-type: none"> <li><b>Breathing hazard.</b> Poisonous fumes from engine can kill you. Do not operate the log splitter in enclosed areas even if ventilated.</li> <li><b>Read owner's manual completely.</b> Serious injury or death can result if safety instructions are not followed.</li> </ol>
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13.9cm X 4.5cm

# 30 TON

39.7cm X 14.0cm (1:2)

<b>Pressure</b>	30Ton	 
<b>Engine</b>	CH395 / 7.10kw / 3600rpm	
<b>Length to Split</b>	610mm	
<b>Diameter to Split</b>	Φ80-Φ450mm	
<b>Serial No.</b>	GB2018-MM-DD-001	
<b>Date of Manufacture (MM/YY)</b>	08 2018	
<b>Manufacturer:</b>	QianAn Great-Boom Commercial Trade Co., Ltd	
<b>Address:</b>	Rm608, A3 Building, Redstar Macalline, Wanjia, Huichang Street (S), Yanshan Rd, Qianan, Hebei P.R.China	

8.5cm x 4.5cm



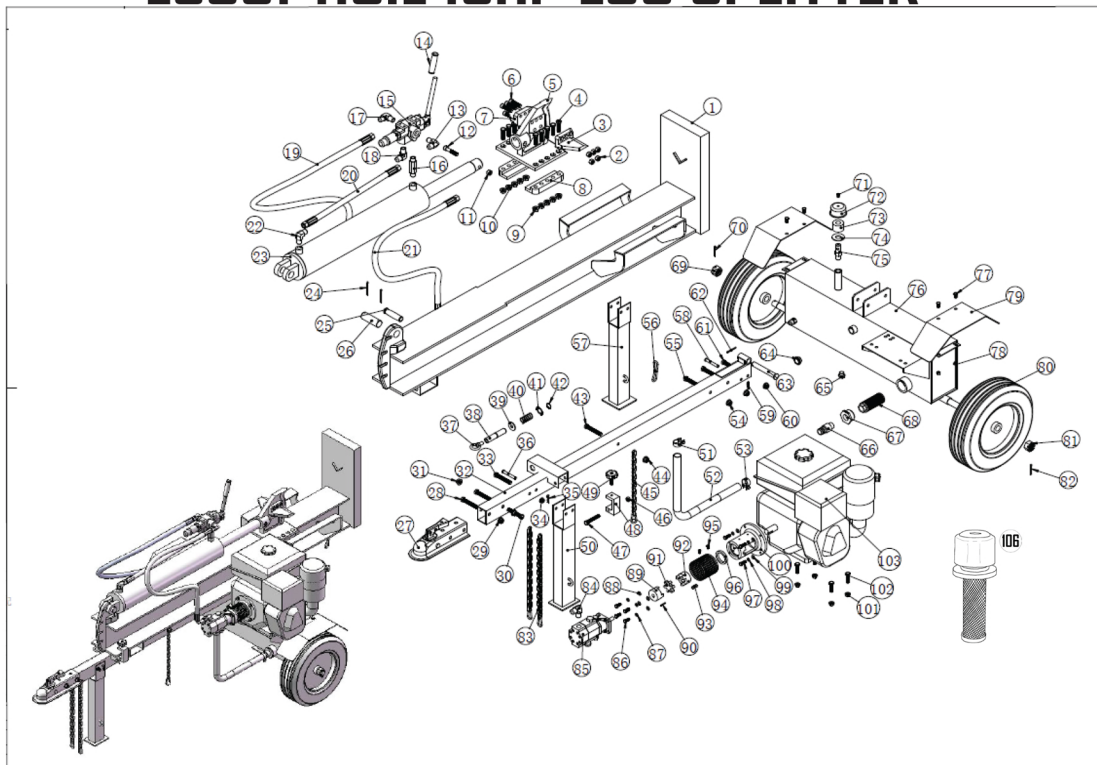
# Exploded Parts View



Exploded View Spare Parts

[www.chainsawsares.com.au](http://www.chainsawsares.com.au)

## LS001-HOIL 13HP LOG SPLITTER



LS001-1	H-BEAM
LS001-2	NUT M12
LS001-3	4-WAY WEDGE WINGS (RIGHT)
LS001-4	SPLITTING WEDGE AXE HEX BOLT M12X45
LS001-5	SPLITTING WEDGE AXE
LS001-6	HEX BOLT M12X45
LS001-7	4-WAY WEDGE WINGS (LEFT)
LS001-8	WEDGE KEEPER, RIGHT
LS001-9	SPLITTING WEDGE AXE NUT M12
LS001-10	SPLITTING WEDGE AXE NUT M12
LS001-11	NYLON NUT M12
LS001-12	HEX BOLT M12X60
LS001-13	ELBOW 3/4-1/2"
LS001-14	HANDLEBAR CONTROL LEVER CAP
LS001-15	CONTROL VALVE ASSEMBLE
LS001-16	HOSE NIPPLER 1/2-1/2"
LS001-17	ELBOW 3/4-1/2"
LS001-18	ELBOW 1/2-1/2"
LS001-19	HIGH PRESSURE HOSE 1680MM
LS001-20	HIGH PRESSURE HOSE 500MM
LS001-21	HIGH PRESSURE HOSE 1680MM
LS001-22	ELBOW 1/2-1/2"
LS001-23	HYDRAULIC RAM CYLINDER
LS001-24	COTTER PIN Ø4X60
LS001-25	HANDLEBAR CAP Ø16
LS001-26	CYLINDER ANCHOR PIN Ø31X90
LS001-27	2" TOW BALL COUPLER
LS001-28	BOLT M12X80
LS001-29	NUT M12
LS001-30	BOLT OF SAFETY CHAIN M12X80

LS001-31	NUT M12
LS001-32	TOWBAR
LS001-33	BOLT M10X80
LS001-34	NUT M10
LS001-35	B TYPE BOLT Ø2X40
LS001-36	BOLT Ø10X70
LS001-37	DRAW HOOK M12X20
LS001-38	PIN ROLL Ø21X105
LS001-39	FLAT WASHER
LS001-40	DRAW SPRING
LS001-41	LOCK WASHER
LS001-42	CIRCLIPS
LS001-43	HEX NUT M10X80
LS001-44	NUT M10
LS001-45	SAFETY CHAIN
LS001-46	NYLON NUT M10
LS001-47	HEX BOLT M10X70
LS001-48	SAFETY LOCK
LS001-49	STAR BOLT M10X35
LS001-50	OUTRIGGER LEG
LS001-51	HOSE CLAMP
LS001-52	SUCTION HOSE
LS001-53	HOSE CLAMP
LS001-54	SELF-LOCKING NUT
LS001-55	HEX BOLT
LS001-56	POTHOOK
LS001-57	OUTRIGGER LEG
LS001-58	PIN ROLL
LS001-59	B TYPE BOLT
LS001-60	SELF-LOCKING NUT

# Exploded Parts View



Exploded View Spare Parts  
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LS001-61	SELF-LOCKING BOLT
LS001-62	COTTER PIN
LS001-63	TOWBAR PIN
LS001-64	SIGHT GLASS
LS001-65	DRAIN PLUG
LS001-66	INSIDE & OUTSIDE JOINTS
LS001-67	SUCTION STRAINER
LS001-68	OIL FILTER
LS001-69	AXLE NUT
LS001-70	COTTER PIN
LS001-71	CROSS-SCREW
LS001-72	PLASTIC CAP
LS001-73	SPONGE
LS001-74	FLAT GASKET
LS001-75	FIXED AXLE
LS001-76	TANK
LS001-77	HEX BOLT
LS001-78	NUT
LS001-79	MUDGUARD
LS001-80	WHEEL
LS001-81	AXLE NUT
LS001-82	COTTER PIN
LS001-83	SAFETY CHAIN
LS001-84	ELBOW
LS001-85	2-STAGE PUMP
LS001-86	HEX BOLT
LS001-87	SPRING GASKET
LS001-88	FLAT GASKET
LS001-89	PUMP COUPLING
LS001-90	FLAT KEY
LS001-91	COUPLING INSERT
LS001-92	ENGINE COUPLING
LS001-93	FLAT KEY
LS001-94	SAFETY SCREEN
LS001-95	CROSS-SCREW
LS001-96	PLASTIC SLEEVE
LS001-97	HEX BOLT
LS001-98	SPRING GASKET
LS001-99	SPRING GASKET
LS001-100	PUMP MOUNT BRACKET
LS001-101	SELF-LOCKING NUT
LS001-102	SELF-LOCKING BOLT
LS001-103	ENGINE
LS001-104	Oil tank Site glass and temperature mete
LS001-105	8.0" jockey wheel
LS001-106	Oil filler tank cap new style
YTX14-B5	Battery

LS001-HOIL

