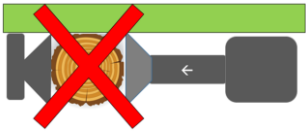


Name	VERTICAL LOG SPLITTER 9HP
Recommended Use	Splitting logs into Firewood
IMPORTANT: The information contained in this SOP is intended as a summary only. Users <u>must</u> read the operating manual and familiarize themselves with the equipment before commencing use.	

Section 1: Equipment Details	
Manufacturer / Importer	Brent Smith Trailers Ltd http://www.brentsmithtrailers.co.nz/
Emergency Contact details	Garry Bull (Upper Hutt Hire) 027 742 6583
Links to safety information	No Video link or QR code at this time.
Does this equipment require a daily check or inspection and entry in the log book?	No

Section 2: Emergency Stop	
	Make sure you locate the EMERGENCY STOP BUTTON before starting the engine.

Section 3: Equipment Risk Assessment	
	NEVER OPERATE THE LOG SPLITTER with the safety guards removed. Do not tamper with the Motor Speed Control or the Hydraulic Pressure Relief Valve.
	SINGLE PERSON OPERATION ONLY Due to the high risk of serious injury, the machine must ONLY be OPERATED by one person. OPERATED means: - Placing logs in the splitting-zone - Operating the Control Levers (to actuate the splitting wedge) - Removing split pieces from the splitting-zone KEEP HANDS and LIMBS clear of the splitting-zone DO NOT hold or support the log while it is being split. DO NOT allow anyone else to support the log while it is being split DO NOT allow another person to remove logs directly from the splitting zone
	The splitting mechanism is very powerful and moves quickly. Log splitters <u>can cause serious injury</u> . Hands and limbs risk being amputated, crushed <u>or severed</u> .

	DO NOT Cut across the grain. Cutting across the grain may cause wood pieces to be flung from the machine.
	Exhaust gases are poisonous. DO NOT run the engine indoors or within a confined space. Always ensure there is adequate ventilation.
	Risk of ejected projectiles from splitting. Always wear protective eye wear and other PPE.
	Fuel is highly flammable, especially on hot surfaces. HANDLE WITH CARE! Never refuel while the Engine is running. Never use fuel as a cleaning agent. Store fuel in approved containers only.
	Risk of logs falling and crushing feet. Always take care and wear protective footwear.
	Part of the motor and mechanism, especially the exhaust, may become extremely hot and burn. Do not touch.
	Do not wear loose-fitting clothing as there is a risk of entrapment in machinery.
	Ensure the log splitter is unhitched from your vehicle and the wheels chocked to ensure no movement, before starting the engine. Take care when maneuvering the log splitter.
	Never leave the engine running when unattended. Shut the machine down even if unattended for a short period.
	Operation of the equipment must not be performed by persons under the influence of alcohol, drugs, medications or any chemical substances capable of impairing the abilities of that person. Minimum age 18 years.

Section 4: Noise and Vibration

Noise L_{Aeq} at idle (dB)	Approximately 95 dB
Sound Power L_{wa} (dB)	Approximately 104 dB MUST USE HEARING PROTECTION Ear Muffs or plugs must be compliant with AS/NZS 1270:2002 Acoustics – Hearing Protectors Class 4 or 5 .
Vibrations a_w ($m.s^{-2}$)	Information not available. Not considered to be significant.



Section 5: Personal Protective Equipment (PPE)

Appropriate Personal Protective Equipment (PPE) is required for the operator and persons assisting with loading and unloading.

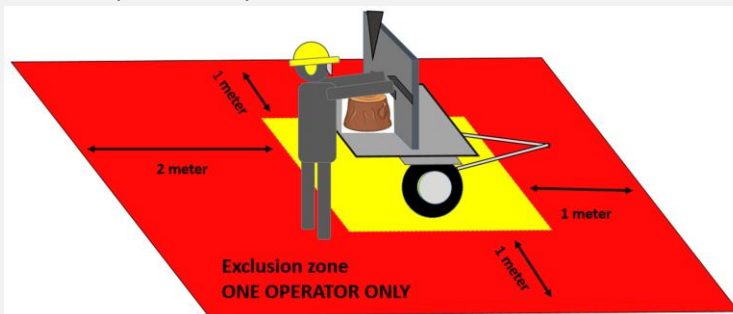


Wear High Visibility clothing if you are working with other people on the work site. Tight fitting gloves recommended.

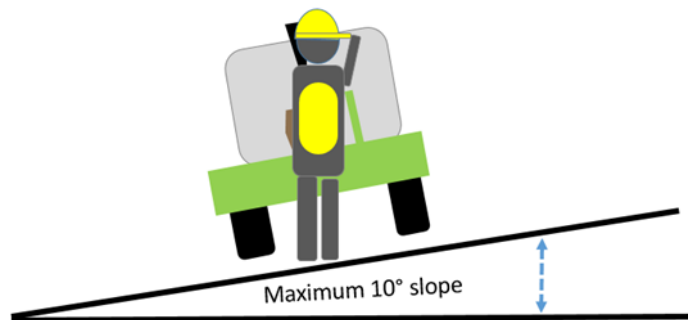
Section 6: Work Zone

Does the work zone require control or isolation?

Yes, One person only within exclusion zone.



Maximum slope for work:
Maximum 10° angle. Risk of toppling.



Emergency precautions for site

Do you have a
FIRST AID KIT?



Do you have a
FIRE EXTINGUISHER?



Can you make an
EMERGENCY CALL?



Section 6: Fuel and Lubricants

Fuel

Use 91 unleaded petrol.

Oil

Use SAE 10W-30 Grade oil.

Section 7: Operating Conditions

Section 7.1 Preparation for work

1. Disconnect the Log Splitter from the towing vehicle.
2. Check that the ground surface is level and not slippery. Ensure there is adequate ventilation for exhaust fumes.
3. Lower the stabilizer legs and level the machine. If necessary, use a large flat support pad under the stabilizer feet to prevent the legs from sinking. Ensure the locking screws are secured firmly.
4. Check for damage and any loose parts. Check the condition of the safety stop button.
5. Check fuel, engine oil level and hydraulic oil level.
6. Wear personal protective equipment.

Section 7.2: Engine operation

1. Check no one is near the splitting zone and bystanders are clear of the machine.
2. Check the Safety Stop button is released.
3. Turn the Fuel Switch to the ON position.
4. Turn the Engine Switch to the ON position.
5. If the engine is cold, close the choke lever.
6. Start the engine using the pull code. Release once the engine is running.
7. Once the machine is running, return the Choke lever to the OPEN position.
8. Turn the engine off by turning the engine switch to the OFF position.

Section 7.3 : CONTROL LEVER SYSTEM

The control lever system is designed to ensure the splitting wedge stops immediately when the lever is released.

BOTH HANDS MUST BE CLEAR OF THE LOG AND THE SPLITTING BLADES

Section 7.4: Stop procedure

1. Turn the Engine Switch to the OFF position.
2. Turn the Fuel Switch to the OFF position.

Section 8: Transport

1. Fully raise the stabilizer legs and ensure that they are stowed and secure. Ensure the locking screws are secured firmly.
2. Check that the fuel cap is secured.
3. Secure the trailer to the towing vehicle and ensure the safety chain is connected correctly.

Section 9: Additional Information

Always use common sense! It is not possible to cover every conceivable situation you can face when using our equipment. Always exercise care and use your common sense. Avoid all situations which you consider to be beyond your capability. If you still feel uncertain about operating procedures after reading these instructions and the owner's manual, you should consult an expert before continuing. The information contained herein is true and accurate to the best of our knowledge. No warranty or guarantee is expressed or implied regarding the accuracy of information or instructions. Users MUST consult the manufacturer's manual or handbook. While every effort has been made to summarise the important Health and Safety information for the safe use of this equipment, neither Upper Hutt Hire Ltd nor the supplier shall not be liable in any way for any reliance by any person or entity on the accuracy of information or data contained in this document or its attachments.

Revision date	May 2022 (SOP based on M&M Log Splitters info dated 14 Dec 2015)
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