



## Using The Log Splitter

1. DO NOT allow anyone to operate this machine without proper instruction.
2. DO NOT operate near vehicles or buildings as ejection of material may occur. Avoid locations which may have glass such as vehicles, greenhouses, and doors.
3. NEVER leave this machine unattended with the engine running or electrical power supply on
4. ALWAYS operate this machine with all safety equipment in place and working.
5. ENSURE all controls are operating properly for safe operation.
6. When loading a log, always place hands on the side of the log, not on the ends and never use your foot to help stabilise a log as doing so may result in severe injury.
7. ONLY use your hands to operate the controls - do not use a rope or any extension device to operate the control lever or other devices.
8. ENSURE the work area is tidy. It is advisable to regularly stop the log splitter and check the area to ensure logs and timber are not causing a trip hazard.
9. The safety design of the log splitter's controls requires two handed operation of the machinery. One hand operates the hydraulic control lever, the second controls a push button. Operation will stop if either hand is removed from a control. Releasing the controls will result in the log pusher or blade returning to the start position.
10. If a log should become stuck on the wedge stop the machine immediately, isolate the power and remove log by gentle/slow pressure - do not force removal.
11. DO NOT attempt to remove or adjust partially split logs with your hands during operation.
12. Lubricate the beam area on a regular basis - this will assist with the prevention of jamming whilst log splitting.
13. DO NOT place hands or feet between the log and splitting wedge during operation as this could result in serious injury.
14. DO NOT overload the log splitter by splitting logs which are larger than the maximum capacity of the machine.
15. DO NOT attempt to load the log splitter when the machine is in operation.
16. The operator MUST NOT climb or lean over log splitter during operation.
17. DO NOT attempt to split more than one log at a time (this may cause the material to eject and cause potential serious harm/damage)
18. For logs with irregular face areas (ends), the least regular end of the log should be placed towards the wedge.

Note: Operating Instructions will vary depending on manufacturers make / model. Always follow the correct manufacturer operating instructions for the equipment being used.



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### LOGS, SIZE AND SHAPE

Check rating plate deal for the size of logs the machine is capable of splitting (this will state maximum/minimum diameter and maximum length).

1. Use a residual current device (RCD) plugged directly in to the 230-volt socket.
2. Plug the breaker into the RCD. This will help to protect against electric shock if the cable or equipment is damaged.
3. Use the "TEST" button to check that the RCD is working each time it is used. Reset the RCD.
4. If an extension cable is required, follow any special instructions given by the hire company. If these instructions have not been provided, only use a suitably rated heavy duty 230V extension cable, not longer than 25m (80 feet).

### ELECTRIC 240 VOLT MACHINES (SQUARE PIN OR BLUE PLUG)

1. If using a portable transformer, plug the transformer directly into the 230-volt socket. Do not use any 230V extension cables.
2. If an extension cable is required, follow any special instructions given by the hire company. If these instructions have not been provided, only use a suitably rated heavy duty 110V extension cable, not longer than 25m (80 feet). An extension cable must only be used between the transformer and the machine.
3. Lay the extension cable out carefully avoiding liquids, sharp edges, doorways, or windows where it might become trapped and places where it may be damaged by vehicles. Unroll it fully or it will overheat and may catch fire. Ensure that its location does not cause a tripping hazard in walkways or work areas.
4. Ensure any extension cable connections are dry and safe.

### 110 VOLT MACHINES (YELLOW PLUG)

1. If using a portable transformer, plug the transformer directly into the 230-volt socket. Do not use any 230V extension cables.
2. If an extension cable is required, follow any special instructions given by the hire company. If these instructions have not been provided, only use a suitably rated heavy duty 110V extension cable, not longer than 25m (80 feet). An extension cable must only be used between the transformer and the machine.
3. Lay the extension cable out carefully avoiding liquids, sharp edges, doorways, or windows where it might become trapped and places where it may be damaged by vehicles. Unroll it fully or it will overheat and may catch fire. Ensure that its location does not cause a tripping hazard in walkways or work areas.
4. Ensure any extension cable connections are dry and safe.

### ELECTRICAL SAFETY

1. Familiarise yourself with the controls before you have assistance when moving it.
2. Check all safety guards and shields and ensure they are in the correct position. DO NOT operate with safety guards, shields or other protective features removed.
3. If fitted with castors or wheels, these should be locked, or wedges/chocks located to stop the machine moving during operation.
4. Ensure machine is on flat, dry, solid ground before operating the LOG SPLITTER
5. Ensure that you have sufficient light for the task and only use the log splitter in daylight or under good artificial light.

### General safety

1. Wear appropriate, close fitting safety spectacles/goggles (EN166).
2. Wear appropriate heavy-duty gloves (minimum EN388).
3. Always wear an appropriate dust mask where dust is generated.
4. The LOG SPLITTER has the potential to cause noise levels exceeding 96 dB(A) - Wear appropriate ear defenders or ear plugs (EN352). You should select enough protection to limit the risk of hearing loss.
5. Safety boots must be worn with non-slip soles (EN ISO 20345).
6. Do not wear loose clothing or jewellery. Keep your hair and clothing away from ram and all moving parts.
7. Use a safety helmet (Minimum EN 397).
- Note - wearing a forestry type helmet with mesh (EN1231) or clear visor does not offer protection from hydraulic system, however, may be considered in combination with item 1 where appropriate.

## Before Starting Work...

1. The LOG SPLITTER is designed for operation by an able-bodied adult. Anyone with either a temporary or permanent disability must seek expert advice before using this equipment.
2. The operator must read the entire leaflet BEFORE using the LOG SPLITTER. It is also important to observe all safety advisory labels and markings on the equipment prior to operating.



### HYDRAULIC OPERATED EQUIPMENT

Hydraulic LOG SPLITTERS develop high fluid pressures during operation. Fluid escaping through a pin hole can penetrate your skin or eyes and cause blood poisoning, gangrene or death.

1. Wear the correct PPE, this includes gloves, protective glasses or goggles as a minimum.
2. Do not check for leaks with your hand.
3. Leaks can be detected by passing cardboard or wood over the suspected areas.
4. If injured by escaping fluid, SEEK MEDICAL ADVICE immediately. Serious infection or reaction can develop if proper medical treatment is not obtained.

ALWAYS check the hydraulic oil level before you start the log splitter - take care when opening the filler cap (with dipstick) as location varies on vertical and horizontal machines. Note: some machines may require pivoting/tilting to enable this to be completed.

Positioning the log splitter (horizontal models)

If practical, the fixed wedge end of the machine can be elevated slightly (average 5mm) to aid loading and splitting process.

When splitting (vertical models) with moving wedge

Stabilise the log before moving the control handle. Split against the bed and is stable.

Close the log clamp and guard (where fitted)

When splitting larger or uneven logs, the log must be stabilised with wooden shims or split wood placed between the log and end plate or ground.

Machinery failure

If the equipment stops functioning as a result of breakdown or log jamming, stop work immediately, turn off the power supply (electricity or petrol engine) - seek advice from the supplying hire company.

Drugs or medication.

Persons or by anyone under the influence of alcohol.

The LOG SPLITTER must not be used by young persons or by anyone under the influence of alcohol.

Ensure that cables and/or leads used are positioned safely and do not represent a trip hazard.

Do not operate near vehicles or buildings as ejection of material can sometimes occur. Avoid locations which may have glass such as vehicles, greenhouses and doors.

Do not attempt to load the log splitter when the machine is in operation.

Do not attempt to split more than one log at a time (this may cause the material to eject and cause potential serious harm/damage)

For logs with irregular face areas (ends), the least regular end of the log should be placed towards the wedge.

DO NOT attempt to remove or adjust partially split logs with your hands during operation.

Lubricate the beam area on a regular basis - this will assist with the prevention of jamming whilst log splitting.

DO NOT place hands or feet between the log and splitting wedge during operation as this could result in serious injury.

ALWAYS operate this machine with all safety equipment in place and working.

NEVER leave this machine unattended with the engine running or electrical power supply on

DO NOT operate near vehicles or buildings as ejection of material may occur. Avoid locations which may have glass such as vehicles, greenhouses, and doors.

DO NOT allow anyone to operate this machine without proper instruction.