



# HORIZONTAL FOOT OPERATED LOG SPLITTER

MODEL NO: **LS450H.V2**

Thank you for purchasing a Sealey product. Manufactured to a high standard, this product will, if used according to these instructions, and properly maintained, give you years of trouble free performance.

**IMPORTANT:** PLEASE READ THESE INSTRUCTIONS CAREFULLY. NOTE THE SAFE OPERATIONAL REQUIREMENTS, WARNINGS & CAUTIONS. USE THE PRODUCT CORRECTLY AND WITH CARE FOR THE PURPOSE FOR WHICH IT IS INTENDED. FAILURE TO DO SO MAY CAUSE DAMAGE AND/OR PERSONAL INJURY AND WILL INVALIDATE THE WARRANTY. KEEP THESE INSTRUCTIONS SAFE FOR FUTURE USE.



Refer to instruction manual



Wear eye protection



Wear safety footwear



Wear protective gloves

## 1. SAFETY

- ✓ Locate the log splitter in a suitable work area, keep the area clean and tidy, free from unrelated materials and ensure there is adequate lighting.
  - ✓ Keep the log splitter clean for best performance.
  - ✓ Remove ill fitting clothing, ties, watches, rings and other loose jewellery and contain loose hair.
  - ✓ Maintain correct balance and footing, do not over-reach. Ensure the floor is not slippery and wear non-slip, protective footwear.
  - ✓ Keep children and unauthorised persons away from the work area.
  - ✗ **DO NOT** use the log splitter for a task it is not designed to perform.
  - ✗ **DO NOT** operate the log splitter if damaged.
  - ✗ **DO NOT** operate the log splitter when you are tired or under the influence of alcohol, drugs or intoxicating medication.
  - ✗ **DO NOT** allow untrained persons to operate the log splitter.
  - ✗ **DO NOT** make any modifications to the log splitter.
  - ✗ **DO NOT** operate the log splitter in wet or damp areas or expose it to rain.
  - ✓ Store the log splitter in a safe area away from children and other people not qualified to use the log splitter.
  - ✓ Wear protective gloves. Always wear safety goggles. Everyday spectacles are not sufficient protection.
  - ✓ The log splitter must always be operated by one person only. Other people must keep a safe distance from the log splitter, especially when it is in operation.
  - ✓ Ensure that there are no nails, screws or other foreign objects in logs to be split.
  - ✓ The end of logs should be cut square.
  - ❑ **WARNING!** The warnings, cautions and instructions referred to in this manual cannot cover all possible conditions and situations that may occur. It must be understood that common sense and caution are factors which cannot be built into this product, but must be applied by the operator.
- NOTE:** This tool is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities or lack of experience and knowledge, unless they have been given supervision or instruction concerning the use of the tool by a person responsible for their safety. Children should be supervised to ensure that they do not play with the tool.

## 2. INTRODUCTION

Each step on the foot pedal exerts a splitting force of up to 1.2 Tonne. Foot pedal adjusts to suit user. Heavy duty construction, yet lightweight and portable. Folds down for easy storage.



## 3. SPECIFICATION

Model No:.....**LS450H.V2**  
 Maximum Load Pressure: ..... 1.2tonne  
 Maximum Log Diameter: ..... Ø250mm

Maximum Log Length:..... 450mm  
 Overall Size (W x D x H): ..... 370 x 835 x 520mm

## 4. ASSEMBLY

- ❑ **WARNING!** The foot pedal is under tension. Before removing the safety clip (fig.1), put your hand on the pedal to prevent it flying up and injuring you.
- 4.1. To assemble, ensure that the adjustment screw (fig.1) is wound all the way in, and is touching the back of the splitter head.
- 4.2. Remove the safety clip and fit the foot assembly. Refit the safety clip and hook it over the foot pedal.
- 4.3. The log splitter is now ready to use.

## 5. OPERATION

### 5.1. ADJUSTING WORKING HEIGHT

- 5.1.1. Remove the safety clip and adjust the foot pedal height to at least 33cm (13 inches) by screwing the adjustment screw out (to raise the foot pedal) and in (to lower the foot pedal.)

### 5.2. SPLITTING LOGS (FIG.2 & 3)

#### 5.2.1. Tips:

Wet or non seasoned wood is more difficult to split than dry wood because the fibres stick together.

Reversing the log and splitting it from the other end may help if you cannot pull the wood apart.

Large or multiple knots in a log make splitting more difficult. Usually if the log is rotated so the knots are vertical to the blade, the wood will split more easily and less stress is placed on the splitter. This will reduce wear and tear and the possibility of damaging components of the splitter.

### 5.3. OPERATION

- 5.3.1. Remove the safety cover from the cutter. Select your log and lift the slide stop lever to allow it to be moved along the bar. Lay the log on the splitter and push the slide stop onto the end of the log.
- 5.3.2. Pump the foot pedal down, it may take three or four pumps, until the log is split.
- 5.3.3. To remove a log from the splitter, that has not been split all the way through, lift the lever on the slide stop and pull it back, place your foot on the bottom bar and pull the end of the log sideways towards you.
- 5.3.4. When finished fit the safety cover and safety clip, wind in the adjustment screw and store in a safe, childproof location.
- 5.3.5. Keep moving parts lubricated with anti-rust machine oil.



### ENVIRONMENT PROTECTION

Recycle unwanted materials instead of disposing of them as waste. All tools, accessories and packaging should be sorted, taken to a recycling centre and disposed of in a manner which is compatible with the environment. When the product becomes completely unserviceable and requires disposal, drain any fluids (if applicable) into approved containers and dispose of the product and fluids according to local regulations.



**Note:** It is our policy to continually improve products and as such we reserve the right to alter data, specifications and component parts without prior notice. Please note that other versions of this product are available. If you require documentation for alternative versions, please email or call our technical team on [technical@sealey.co.uk](mailto:technical@sealey.co.uk) or 01284 757505.

**Important:** No Liability is accepted for incorrect use of this product.

**Warranty:** Guarantee is 12 months from purchase date, proof of which is required for any claim.

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