

OPERATOR'S MANUAL

LOG SPLITTER **LS8E, LS10, LS13**



Kilworth Machinery Ltd., Annwell Lane, Smisby, Ashby de la Zouch LE65 2TA
Tel: 01530 412690 Fax: 01530 560002 Email: sales@kilworthmachinery.co.uk
www.kilworthmachinery.co.uk

1. HOW TO USE THE INSTRUCTION MANUAL

Before using your log splitter you must make sure that you read and understand this manual entirely. This contains all information for use, maintenance set up to the tractor and adjustment.

It indicates as well all the dangerous situations that could happen in the use of your machine. You will find as well in this manual the basic indications for good working and safety conditions.



THIS SAFETY ALERT SYMBOL INDICATES IMPORTANT SAFETY MESSAGES IN THIS MANUAL WHEN YOU SEE THIS SYMBOL CAREFULLY READ THE MESSAGE THAT FOLLOWS AND BE ALERT TO THE POSSIBILITY OF PERSONNAL INJURT OR DEATH

It is very important to make sure that the user of the log splitter is experienced with this type of machinery.

In order to be used the log splitter has to be attached to a tractor that gives the necessary power through the hydraulics.

This manual is part of the machine we advise you to keep it in a safe place and use it at any time you need it.

2. USER LIABILITY

The user is responsible for the maintenance of the machine.

Inadequate maintenance of this log splitter causes damage and can create unsafe situations.

The user is responsible of all damages caused to any other person or to himself when he does not use the machine properly or when the use does not comply with the indications written in this manual.



IT IS IMPORTANT THAT THIS MACHINE IS NOT USED BY CHILDREN OR BY ANY UNQUALIFIED PERSON.
DO NOT USE THIS MACHINE WITHOUT READING CAREFULLY THIS OPERATOR'S MANUAL.

The manufacturer accepts no liability for any of these situations

- Incorrect use
- Use of the machine by any person who is not conversant with the contents of the operators manual
- Faulty linkage on the tractor
- Inadequate maintenance

- Any modifications carried out on the machine will release the manufacturer of all liability for any resulting damage or injury
- Spare parts must at least comply with the technical standard required by the manufacturer. Original spare parts for instance are manufactured to meet with standards.

3. ATTACHMENT TO THE TRACTOR



REFER TO THE TRACTOR OPERATOR'S MANUAL FOR USE OF MACHINERY ON 3 POINT LINKAGE

To use the log splitter correctly the tractor hydraulic pump should have a minimum pressure of 180 bar.

3.1 Position your log splitter behind the tractor

3.2 Make sure that the linkage arms are at the same level as the link pins, adjust the distance between the arms and fit them on the link pins with the lynch pins

3.3 Adjust the top link on the tractor and fit it on the log splitter top link

3.4 Check the condition of all hydraulic hoses. See Maintenance section.

Plug the pressure hose on a Double Acting connection on the tractor and plug the return hose on the return connection.

3.5 Put the machine on a flat ground, , check the tightening of the bolts on the wedge and the grease on the frame then engage the spools on the tractor. Push the lever down with two hands, during the first uses the ram could go down step by step that would come from the air left in the hoses. After a few returns the flow will become regular

3.6 Ensure the guard rail is fitted to the operator side.



IT IS ABSOLUTELY FORBIDDEN TO INCREASE THE PRESSURE BY SCREWING THE ADJUSTING SCREW ON THE SPOOL VALVE. ANY CHANGE WILL CANCEL THE WARRANTY.

4. USE .



READ THE OPERATOR'S MANUAL FOR A SAFE USE AND OBSERVE ALL NECESSARY PRECAUTIONS.

- 4.1 The LS log splitter is designed to be used by only one person. It is the users responsibility to make sure that nobody is close to the machine when starting it
- 4.2 Do not use your machine for another work than the one recommended. The LS is designed to split logs only.
- 4.3 Place the log on the base plate beneath the splitting wedge. Using both hands, operate the valve lever to move the wedge towards the log. As the log begins to split, continue the wedge movement until the log has split satisfactorily.
- 4.4 Release the operating lever and move to the up position to return the splitting wedge to its rest position.
- 4.5 Re-position the log if necessary and repeat the process.

5. SAFETY



RESPECT CAREFULLY THE SECURITY WARNINGS.

- 5.1 Do not use the machine before reading carefully the operator's manual
- 5.2 Before any maintenance or checking on the machine, the tractor spool must be disengaged
- 5.3 Ensure everybody keeps a safe distance away from the machine to avoid injury from thrown objects
- 5.4 Ensure that bolts are tight
- 5.5 Do not put at any moment your foot or your hand under the wedge
- 5.6 Any repairs must be made with genuine spare parts to ensure safety and be able to get warranty on the machine

6. MAINTENANCE

- 6.1 Grease regularly the frame where the wedge slides
- 6.2 Check the state of the hydraulic hoses
- 6.3 Check regularly the tightness of the wedge bolts



USE ONLY GENUINE PARTS TO ENSURE YOUR SAFETY



HYDRAULIC OIL UNDER PRESSURE IS EXTREMELY DANGEROUS. ONLY CHECK HOSES WITH TRACTOR ENGINE SWITCHED OFF AND OIL PRESSURE RELEASED. REPLACE ALL DAMAGED HOSES IMMEDIATELY. DO NOT USE THE LOG SPLITTER WITH DAMAGED HOSES.