

*HAKKI PILKE*

**LOG LIFTER**

**OPERATING, SERVICING  
AND SAFETY INSTRUCTIONS**

**10.5.1999**

**ALWAYS FAMILIARIZE YOURSELF  
WITH THESE INSTRUCTIONS  
BEFORE OPERATING THE MACHINE.**

## General safety instructions

The lifting device must always be operated in a way that causes no harm to the operator, the device itself, or the environment. Children are not allowed to operate the machine!

The operator must become familiar with the operation of the machine before starting work.

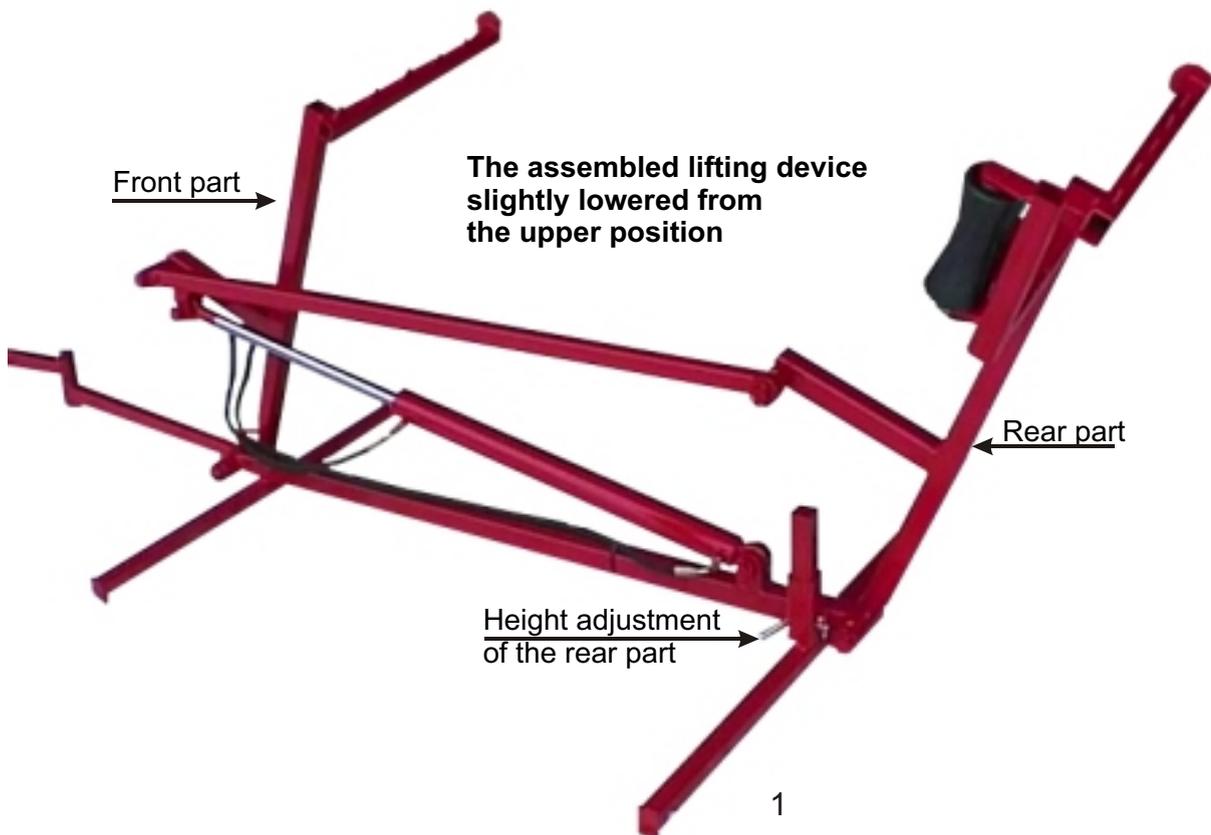
The device is intended to be used with the 1x and 2x firewood processors for lifting of logs. The device may be used to lift logs of maximum diameter up to 30 cm and maximum length up to 4 m. Always perform the lifting in a manner which ensures that the log stays in position on the lifter and cannot roll over or lose its balance and be thrown down from the lifting beams of the device.

Do not lift more than one tree at a time and do not position the log onto the device with its butt end pointing towards the firewood processor.

Do not lift the log in such a way that it only rests entirely or partly on one of the lifting beams. Only lift knotless trees. Crooked trees or trees with branches must not be lifted with the device.

No other people or animals, or anything that could cause damage during the operation of the device, are allowed near the machine. The hazard zone around the machine is 10 metres.

During operation, the device must rest on a level surface. Always keep the lifting beams in the lower position when placing logs on them. Before lowering the lifting beams, make sure that the undersides of the beams are free from wooden or other objects. Be careful not to injure yourself when rolling the log onto the lifting beams. Make sure that the logs in the pile cannot fall on you.

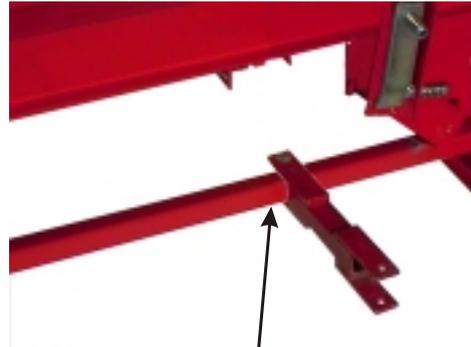


## Fitting the lifter to the machine



1. Fit the lug for attaching the lifter to the frame of the machine.

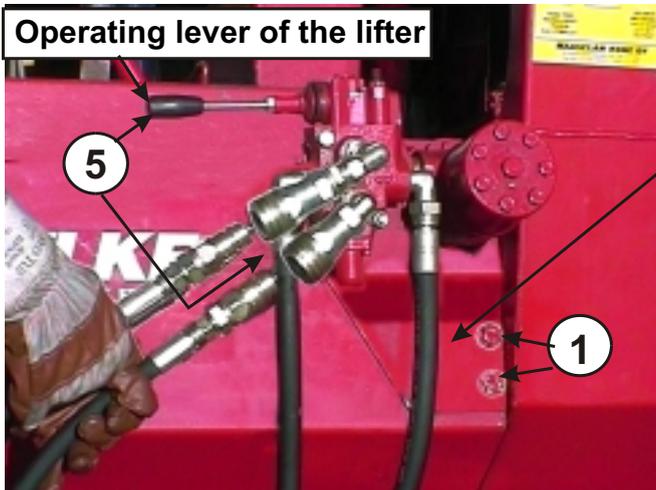
2. Fix the lifter in place using the nuts and bolts provided.



3. Attach the lug for locking the device in the transport position below the splitting-blade adjustment crank and secure it with a nut and bolt.

## Hydraulic connection

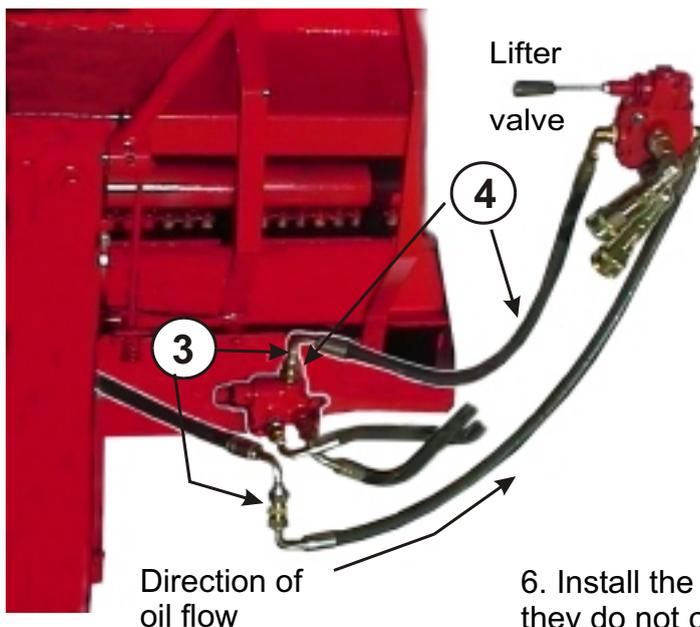
### Operating lever of the lifter



1. Install the valve assembly to the front end of the machine beside the hydraulic motor for the infeed conveyor.



2. Remove the cover of the hydraulic system.
3. Disconnect the end of the hydraulic hose which goes from the hydraulic pump of the machine to the upper side of the machine valve and connect it to the hose using a double-nipple on the lifter valve.
4. Connect the hose which comes from the lifter valve to the double-nipple on the upper side of the machine valve - i.e. to the same nipple from which you disconnected (see point 3) the hose coming from the pump.
5. Connect the hydraulic hoses from the lifter to the operating valve in such a way that when the operating lever is lifted, the lifting beam rises, and when the lever is depressed, the beam lowers.

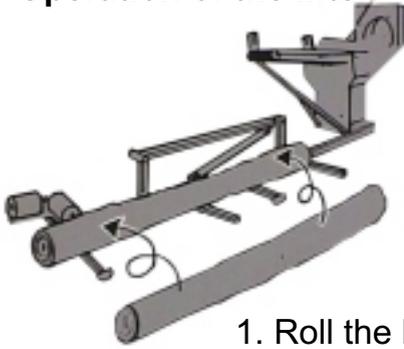


6. Install the hydraulic hoses in such a way that they do not chafe during operation.

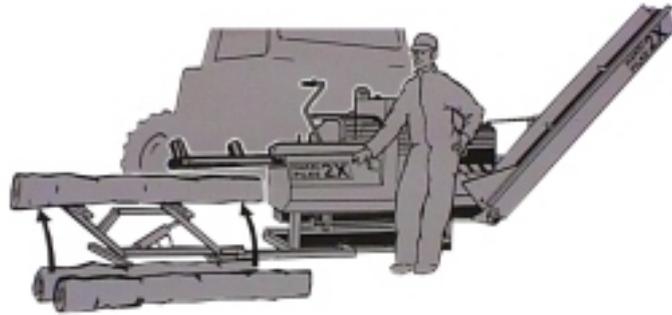
7. Put the cover (see point 2) back in place.

**Be careful not to spill any hydraulic oil into the environment during installation!!!**

## Operation of the lifter



1. Roll the log onto the lifter.

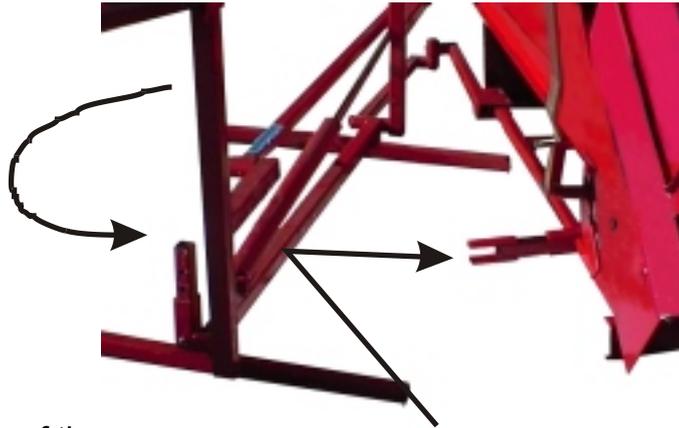


2. Raise the log onto the machine using the lifter. During lifting, always make sure that the rising log can neither hit you nor damage the machine.

## Swinging the lifter into the transport position

1. Raise the lifting beams to the upper position.

2. Swing the lifter behind the machine.



3. Place the pipe on the lower frame of the lifter in the lug on the lower frame of the machine.

4. Attach the lifter to the lug with the bolt and fix with the nut.



**Always swing the lifter into the transport position before moving the machine.**

## Occasional transfer of the machine with the lifter

**WARNING!** The distance must not be more than a few metres. Carry out the transfer at low speed, exercising particular caution.

## Preparations before the transfer

1. Raise the lifting beams.



2. Remove the cotter and pin from the beam which is closest to the operator.



3. Pull out the beam extension onto the top of the infeed conveyor, align the hole in the lifting beam with the hole in the extension and put the pin through both these holes.



## Service

Lubricate the joints every 100 hours of operation.

DECLARATION OF CONFORMITY

**MAASELÄN KONE OY**

Rajakatu 25,  
FIN-85800 HAAPAJÄRVI  
Tel. +358 8 7727300, Fax 7727320

declares that the following machinery that is placed on the market

LOG LIFTER

serial number.....

conforms to the provisions of the Machine Directive 98/37/EC  
and its amendments and to the national decrees (VNp 1314/94)  
through which they have been brought into force.

Haapajärvellä 15.02.2000

Ismo Hallapuro  
Sales manager

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