

# Hakki Lift 381

## LOG HOIST

- Operator's manual
- EY Declaration of Conformity
- Safety instructions
- Warranty terms
- Exploded view and parts list



**The operator must always read and understand these instructions before operating the device!**

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## General information

### Introduction

The purpose of this manual is to ensure that the device is used in the manner intended by the manufacturer, taking safety into consideration. Everyone operating the device or working in close proximity to it must study this manual carefully.

Additional information on Maaselän Kone Oy's products is available on our Web site at [www.maaselankone.fi](http://www.maaselankone.fi).

Keep this manual in the immediate vicinity of the device.

### Purpose of use and basic information

The HakkiLift 38 log hoist is designed for lifting logs intended to be fed into the HakkiPilke 38 Easy log splitter. The maximum log diameter is 38 cm and the maximum length is 4 m. **These values must not be exceeded.**

The serial number, manufacturing date and weight are listed in the grey type plate on the body of the device.

### Safety instructions

- This device is intended to be operated by only one operator. The danger zone around the device is 10 metres.
- Persons under 18 years of age may not operate the device.
- The operator must ensure that use of the device does not cause danger to others and that there are no unauthorised persons in the danger zone.
- The device may not be operated while under the influence of alcohol or drugs, or when tired.
- The device may not be operated unless the operator has familiarised themselves with this instruction manual.
- The device has been designed solely for the purpose of lifting timber.
- The device must be set up for transport whenever it is moved.
- The operator may not modify the structure or functionalities of the device.
- The operator must wear sufficiently tight-fitting work clothing, protective goggles and safety footwear.
- Logs must always be lifted in such a way that they stay on the hoist and do not roll or get thrown off the lifting beams due to imbalance.
- Only use the device to lift one log at a time, and position the logs so that the base end is facing the log splitter.
- Do not use the device to lift a log if the log or part thereof only rests on the other lifting beam.
- The device may only be used to lift logs without branches.
- Other people or animals or anything that may be damaged during operation must be kept away from the vicinity of the machine.
- The device must be on a level surface during operation. The lifting beams of the device must always be lowered when positioning a log on the device. When lowering the lifting beams, wood

or other material must not be caught under them. Roll logs onto the lifting beams carefully so as to ensure that no danger or injuries are caused to the operator. The operator of the device must beware of logs on the possible log pile rolling off the pile and causing injuries.

## 2 Receipt inspection

Check that the device has not sustained any damage during transit, and ensure that all necessary parts are included in the package. In the event of any defects or damage, contact the retailer immediately.

## 3 Lifting the device

Only lift the device by the indicated lifting points with a fork lift, for example.



Figure 1. Label indicating the lifting point

#### 4 Installing the hoist onto the splitter

1. Slide the hoist's attachment bar into the splitter's frame bar and fasten it in place with two screws as shown in Figure 2



Figure 2. Attaching the hoist to the splitter

2. Connect the hose on the lifter's cylinder rod side (the shorter hose) to the splitter's quick coupling A, and the hose on the piston side to quick coupling B.



Figure 3. Connecting the hydraulic hose to the machine

3. Lower the hoist to the bottom position by pushing the control lever in Figure 4.



Figure 4. Hoist control lever

4. Attach the transport position holder to the splitter with two bolts as shown in Figure 5. Note! The smaller bolt goes in the left hole and the larger one goes in the right hole.

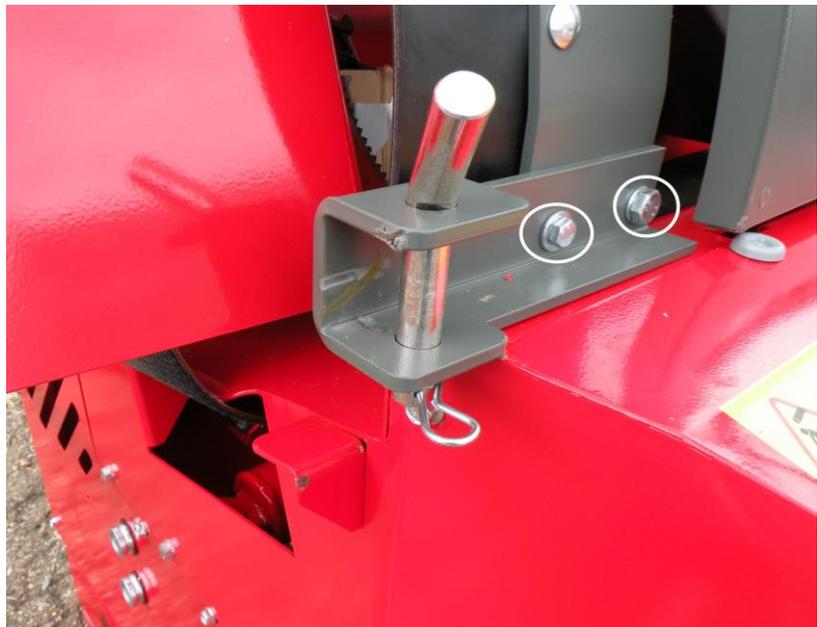


Figure 5. Transport position holder

## 5 Using the log hoist

1. Roll a log onto the hoist and lift the device to the upper position **by pulling the lever shown in Figure 4.**



Figure 6.

2. When the hoist reaches the upper position, roll the log onto the splitter's input conveyor and move the log forward with the splitter's controls. Note! Lower the hoist if necessary so that the input conveyor belt grips the log properly.



Figure 7.

**ALWAYS ENSURE THAT THE LOG BEING LIFTED DOES NOT STRIKE YOU OR THE MACHINE CAUSING INJURIES OR DAMAGE!**

## 6 Placing the log hoist in the transport position

1. Raise the log splitter's input conveyor to the transport position.
2. Release the hoist's position lock by removing hitch pin B and locking pin A shown in Figure 8.

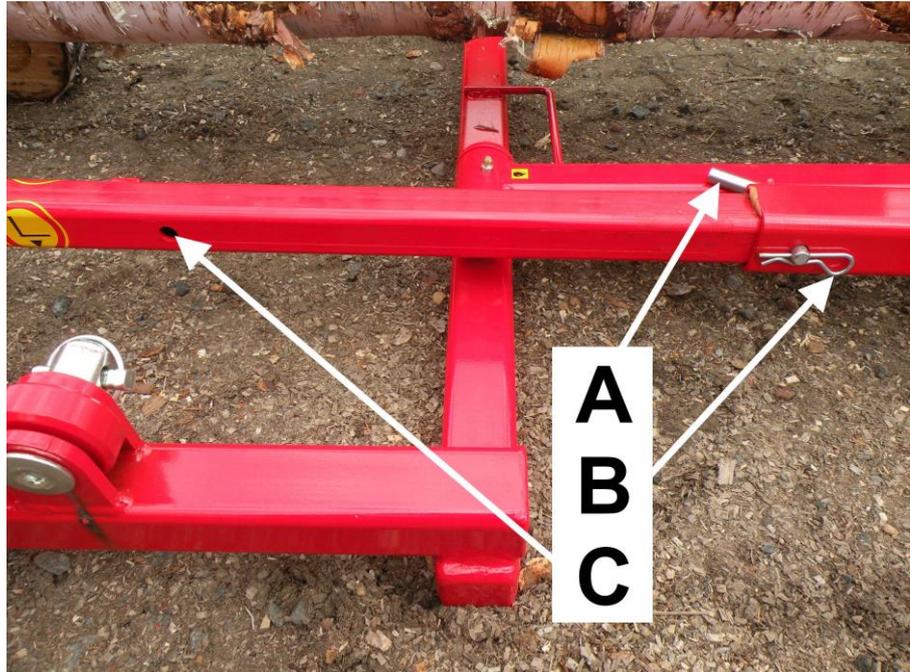


Figure 8.

3. Place the hoist in the transport position by pushing the control lever in Figure 4.
4. Insert locking pin A shown in Figure 8 into hole C, and lock in place with pin B as shown in Figure 9.

**Note! Place the cylinder of the hoist in the shortest position possible!**



Figure 9.

5. Remove the hitch pin and locking pin of the holder shown in Figure 5.
6. Raise the hoist to the transport position as shown in Figure 10.



Figure 10.

7. Lock the hoist to the holder with the hitch pin and locking pin as shown in Figure 11.

**To place the hoist in the working position, reverse the order of the steps.**

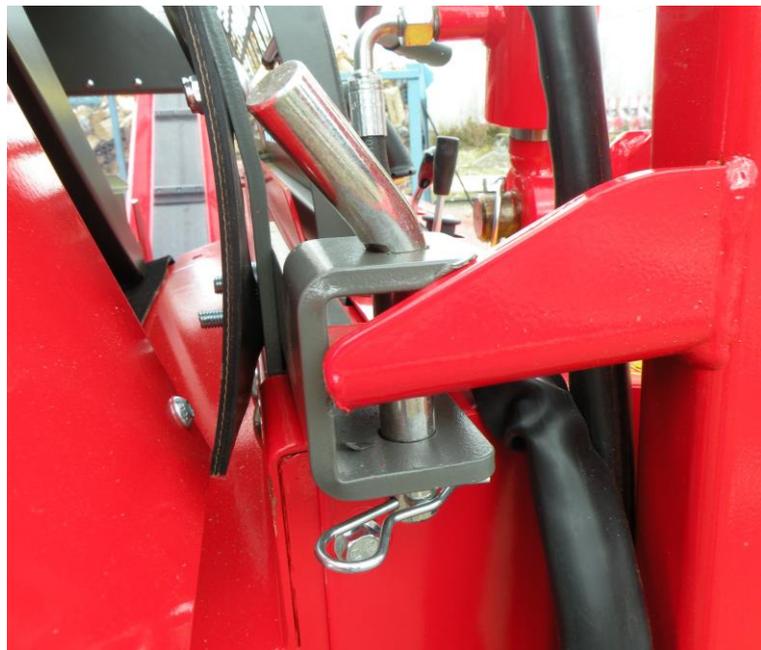


Figure 11.

## 7 Transporting the splitter and hoist for short distances

When moving the log splitter for short distances (a few meters by a log pile, for example), it is advisable to place the hoist in the “quick transport position”. In this position, the splitter and hoist must be moved very slowly and carefully. Place the hoist in the quick transport position as follows:

1. Raise the hoist to the highest possible position and remove hitch pin A and locking pin B in Figure 12.

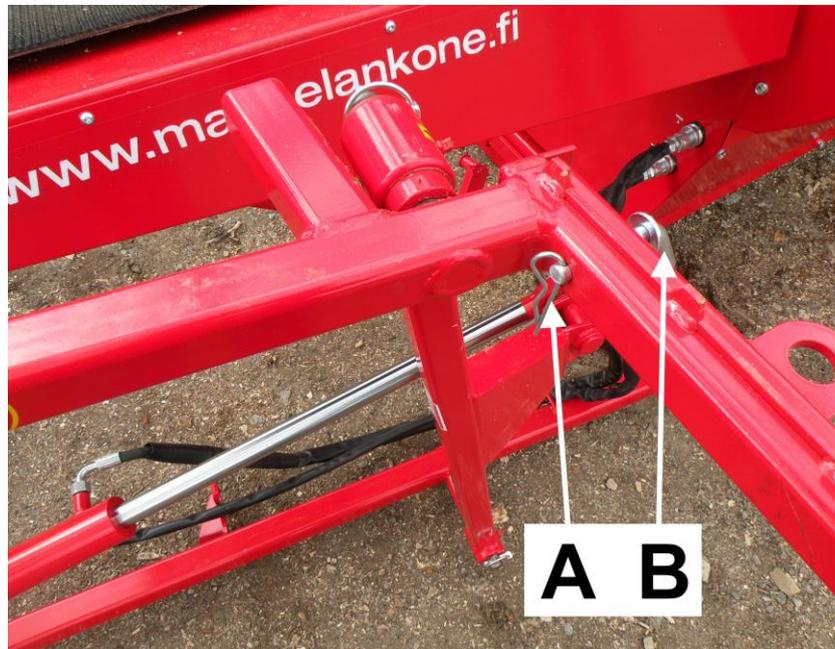


Figure 12.

2. Pull the hoist's support arm C (Figure 13) to the transport position and lock it with the hitch pin and locking pin as shown in Figure 13.

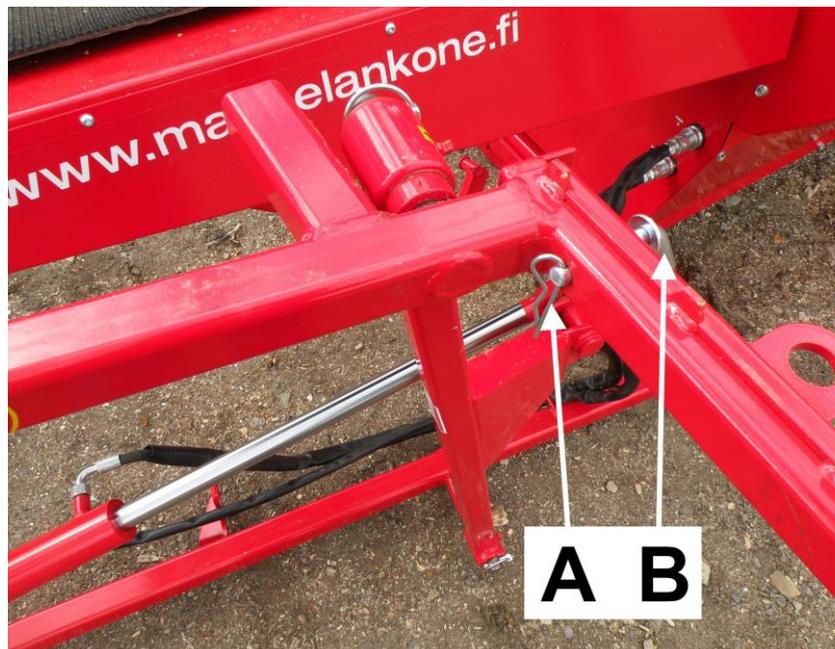


Figure 13.

3. Lift the splitter with a tractor, for example, which also lifts the hoist as its support arm connects with the splitter's input conveyor.



Figure 14.

## 8 Lubrication

The HakkiLift 38 log hoist features a total of five grease nipples, which have been marked on the device with the following label.  All nipples must be greased every ten hours of use.

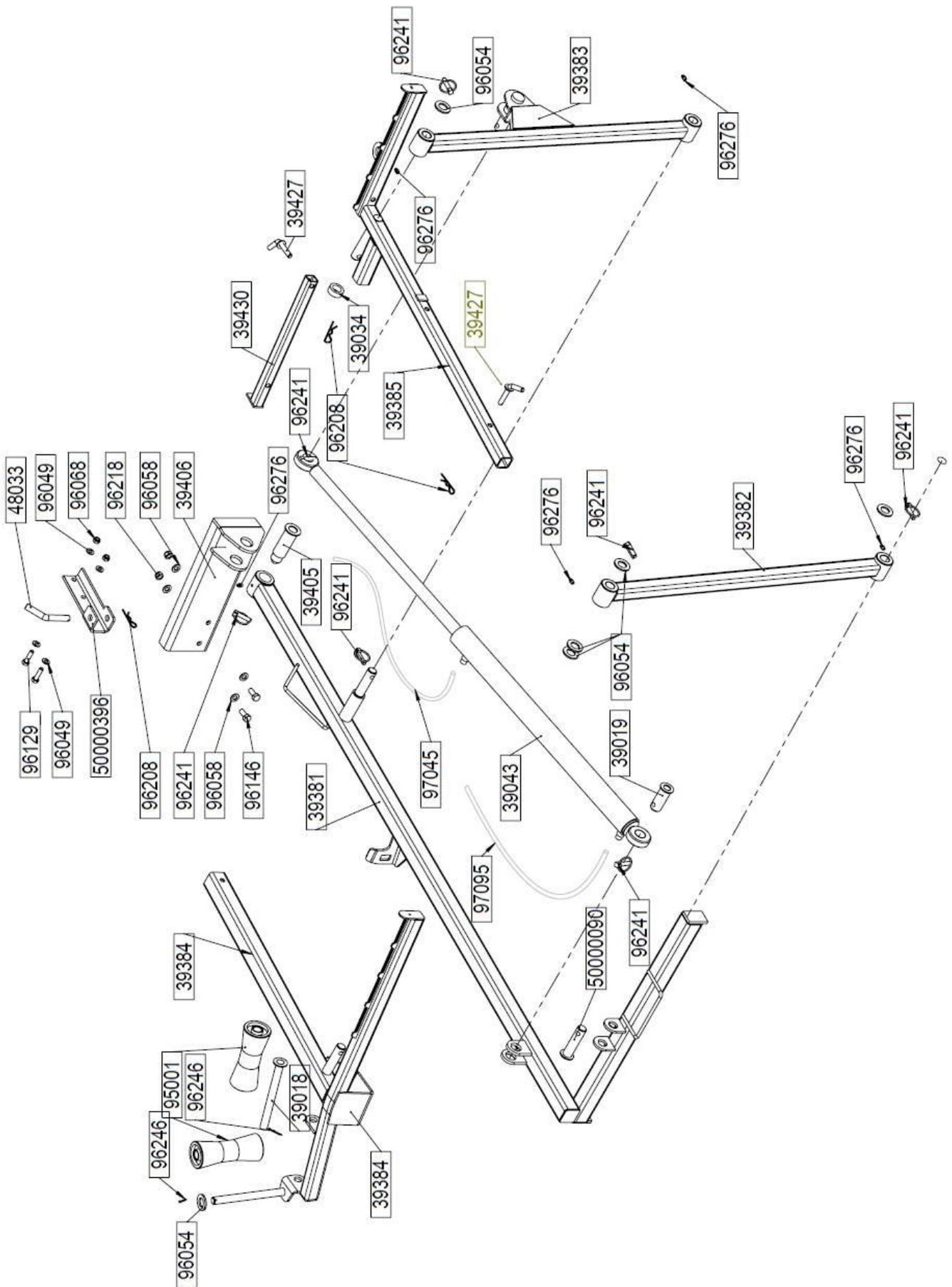
In addition, the hoist's slide surfaces must be greased as necessary, which is approximately after every 50 times of use.

The sliding area to be greased is indicated by the arrow in Figure 15.



Figure 15.

### 9 Exploded view



**10 Parts list**

<b>Number</b>	<b>Name</b>	<b>Pcs</b>
39381	Frame	1
39382	Lifting pipe, rear	1
39043	Cylinder 60/50-650	1
39383	Lifting pipe	1
39385	Front section of the hoist	1
39384	Rear section of the hoist	1
96241	Ring pin	7
39034	Upper pin bushing	1
39427	Locking pin	2
96208	Hitch pin	3
39430	Moving support	1
39019	Cylinder pin	1
95001	Keel roll	2
39018	Keel roll shaft	1
96276	Lubrication nipple M8X1	5
96246	Split pin DIN 94 3.5x20	2
50000090	Pin	1
96054	Washer DIN 125 A4	6
97045	Hydraulic hose	1
97095	Hydraulic hose	1
39405	Fastening pin	1
39406	Log hoist fastener	1
50000396	Log hoist lock	1
48033	Pin	1
96129	Hex screw DIN 933 M10x40	2
96146	Hex screw DIN 933 M12x30	2
96058	Washer DIN 125 A12	4
96049	Washer DIN 125 A10	4
96218	Locking nut DIN 985 M12	2
96068	Locking nut DIN 985 M10	2

## 11 Guarantee terms

**“Guarantee terms come into force when you register your customership in the extranet service found on our website.”**

The guarantee is valid for the original buyer for 12 months, starting from the date of purchase, but for no more than 1 000 operating hours.

In guarantee matters, always contact the machine’s seller before undertaking any procedures.

A guarantee demand has to be issued to the seller **immediately** upon discovery of a defect. If the defect concerns a damaged part or component, please send a photograph of the damaged part or component to the seller, if possible, so the fault can be identified. When submitting a guarantee claim, the buyer must always include the type and serial number of the machine and present a receipt that includes the date of purchase. Guarantee claims must be submitted to an authorised retailer.

### The guarantee covers

- Parts damaged in normal use due to faults in material or manufacture.
- Reasonable expenses caused by repairing a fault in accordance with the agreement between the seller or buyer and manufacturer. Faulty parts will be replaced with new ones. A faulty part or parts replaced due to a material fault should be returned to the manufacturer through the retailer.

### The guarantee does not cover

- Damages caused by normal wear and tear (for example blades, mats and belts), improper use or use contrary to the instruction manual
- Damages caused by negligence of maintenance or storage procedures detailed in the instruction manual
- Damages caused during transport
- Cutting blades, V-belts and oil, and normal adjustment, care, maintenance or cleaning procedures
- Defects in a machine to which the buyer has carried out or commissioned structural or functional changes to the degree that the machine can no longer be considered equivalent to the original machine
- Other potential costs or financial obligations resulting from the procedures mentioned above
- Indirect costs
- Travel costs resulting from guarantee repairs
- The guarantee for parts replaced during the guarantee period of the machine expires at the same time as the machine’s guarantee
- The guarantee is void if the ownership of the machine is transferred to a third party during the guarantee period
- The guarantee is void if any of the machine’s seals have been broken

If a fault or defect reported by the customer is found to not be covered by the guarantee, the manufacturer has the right to charge the customer for the pinpointing and possible repair of the fault or defect in accordance with the manufacturer's current price list.

This guarantee certificate indicates our responsibilities and obligations in full and it excludes all other responsibilities.

**12 EC Declaration of Conformity for the machine**

(Machinery Directive 2006/42/EC, Appendix II A)

Manufacturer: Maaselän Kone Oy  
Address: Valimotie 1, FI-85800 Haapajärvi, Finland

Name and address of the person who is authorised to compile the technical file:

Name: Tapio Aittokoski Address: Valimotie 1, FI-85800 Haapajärvi, Finland

The aforementioned person assures that

Hakki Lift 38 log hoist Serial number: .....

- is compliant with the applicable regulations of the Machinery Directive (2006/42/EC).

Location and time: Haapajärvi 5 November 2012



Signature:

*Martti Kenttälä*  
*Managing Director*