

## *OPERATOR'S MANUAL*

### *Lawn Edger - Changeable blade*



# Introduction

*Dear Customer*

## **Thank you for buying an Egholm product**

The Egholm 2001 is a Danish designed and manufactured product which offers a very flexible way of maintaining outdoor areas.

## **Optimal performance of your Egholm Lawn Edger:**

To ensure the optimal performance of your Egholm Lawn Edger, please read this operator's manual carefully before starting to use the machine. Failure to do so can result in personal injury and damage to the machine.

## **Safety:**

The Lawn Edger is equipped with various devices to ensure optimal operational safety both for the user and the surroundings. We therefore ask you to pay particular attention to Section 1.1 Safety. The machine must only be serviced by professionals.

The Lawn Edger is designed only for use by professionals. On delivery, the user will receive thorough training to become a competent operator. Do not lend the machine to anyone who has not been thoroughly trained and has not read this manual carefully.

The operator's manual should be considered as a permanent part of the machine and so must remain with it if the machine is sold.



## **Warnings:**

Some items in this operator's manual are marked with this warning symbol.

The warning indicates areas where extra care has to be taken to avoid personal injury or damage to the machine and its accessories. The warning also shows what you should pay special attention to.

## **Reservations:**

As it is the Egholm policy to make continuous improvements, we reserve the right to alter the specifications and equipment at any time without notice. Egholm Maskiner A/S accepts no liability for errors or shortcomings in the operator's manual.

## **Contact us:**

Should you have questions of any kind regarding your new Egholm product, do not hesitate to contact Egholm Maskiner A/S.

Best regards

Egholm Maskiner A/S - Transportvej 27 - DK - 7620 Lemvig

Tel: (+45) 97 81 12 05 - Fax: (+45) 97 81 12 10

e-mail: egholm@egholm.dk - www.egholm.dk

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## 1. General information

To give the complete finish when cutting lawns fix the Lawn Edger onto the Egholm 2100.

The Lawn Edger cuts the edges of the grass efficiently and at an even pace, and the cut edge is cultivated in one and the same procedure.

The Lawn Edger is fully hydraulic, and the working depth is adjusted to the situation with the adjustable gauge wheel.

The blade on the Lawn Edger is changeable, which means that you can choose whether to cut inwards or outwards. The blade is changed according to the placing of the machine in relation to the edge of the lawn.

## Useful tips

Best results are achieved when the ground is a little damp.

Never drive too fast for the Lawn Edger to cut the edge cleanly.

Wipe the snap couplings before fitting, as this protects the hydraulic system.

Daily cleaning and maintenance will extend the lifetime of both the machine and the attachment.

# 1. General information

## 1.1 Safety



**Make sure no one stands too close to the machine:**  
Make sure there is no one close to the machine when it is in use, as there is danger of crushing.



**N.B:**  
As it is articulated, the rear end of the machine swings out when turning. Make sure no one is near the machine as there is a danger of crushing. (Picture 1)



**Avoid finger injuries!**  
Keep your hands and fingers away from areas where there is danger of crushing.



**Warning! Rotating parts!**  
Make sure no one puts their fingers or toes under the edger while it is moving to avoid personal injuries. (Picture 2 & 3)



**Avoid roll-overs:**  
Do not drive the machine in a place where it can slide, tip or roll.  
Do not drive on slopes with an incline of more than 10°. (Picture 4)



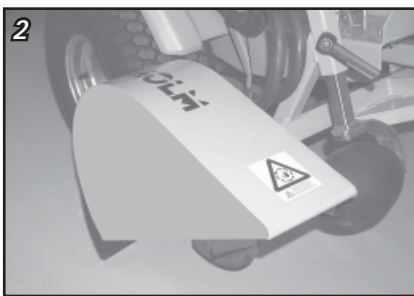
**Reduction of noise and energy consumption:**  
It is recommended not to drive with a higher engine speed than necessary, to reduce the noise and the energy consumption.

1



Prevent people from standing in the working area.

2



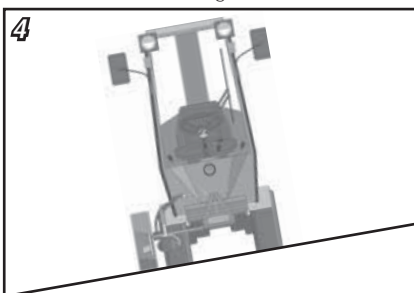
Warning! Rotating parts!

3



Warning label

4



Do not drive on slopes with an incline of more than 10°

# 1. General information

## 1.2 EC Declaration of Conformity for Machinery

Manufacturer: Egholm Maskiner A/S

Address: Transportvej 27, DK-7620 Lemvig

Phone: (+45) 97 81 12 05

**Hereby declares that**

- Machine: Lawn Edger Type: VKS 1  
Serial no.: \_\_\_\_\_ Year: \_\_\_\_\_
- has been manufactured in conformity with the provisions of the Machinery Directive, Directive 98/37/EU

**The Egholm 2100 fitted with the cab FH 2100 (ROPS approved)**

- has been tested at the Danish Institute of Agricultural Sciences at Bygholm in conformity with directive 86/298/EEC concerning rear mounted roll-over protection structures of narrow-track wheeled agricultural and forestry tractors.

Place: Lemvig

Date: \_\_\_\_\_

Signature: \_\_\_\_\_

*Kaj Egholm*  
Managing Director Kaj Egholm

# 1. General information

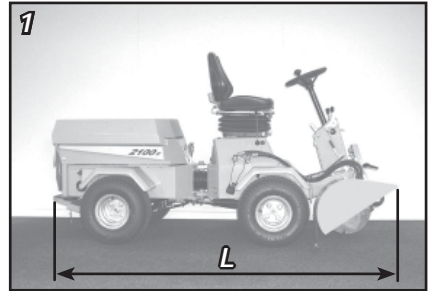
## 1.3 Technical data

### Dimensions:

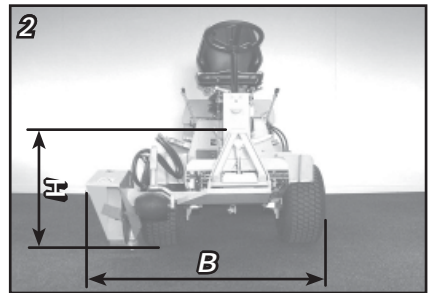
|                         |            |                    |
|-------------------------|------------|--------------------|
| All measurements in mm  | Assembled: | Storage dimension: |
| Length (L):             | 2,580 mm   | 600 mm             |
| Width (W):              | 1,140 mm   | 820 mm             |
| Height without cab (H): | 515 mm     | 360 mm             |
| Height with cab:        | 1,935 mm   |                    |

### Technical data:

|                                       |        |
|---------------------------------------|--------|
| Type description:                     | VKS 1  |
| Weight of the Lawn Edger:             | 40 kg  |
| Ground clearance below blade, raised: | 100 mm |
| Max. cutting depth:                   | 95 mm  |



Side view



Front view



Location of model plate

### **N.B!**

Specifications may be changed without prior notice.

### **Bemærk:**

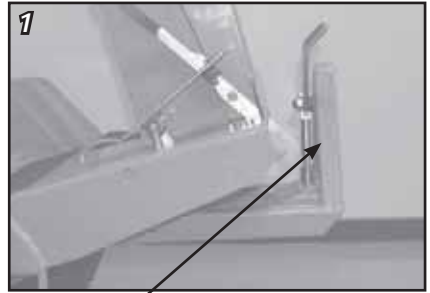
## 2. Instructions for use

### 2.1 Assembly / disassembly

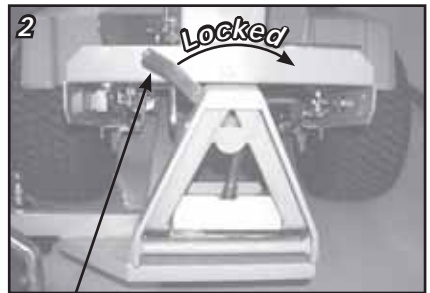
1. Keep the hydraulic hoses clear and free from dirt when the Lawn Edger is being fitted.
2. The locking handle on the A-frame of the basic machine must be in the open position, and the A-frame must be raised so that it is vertical when viewed from the side. (Picture 1)
3. Drive the machine right up to the Lawn Edger. (The Lawn Edger must be positioned to the right of the machine, see the front cover)
4. Hook the Lawn Edger manually onto the A-frame of the machine.
5. Lock the Lawn Edger in place with the locking handle on the A-frame. (Picture 2)
6. Stop the machine. (See the operator's manual for the basic machine, section 2.2)
7. Fit the hydraulic hoses to the D-connectors on the right-hand side of the machine. (Picture 3)
8. Attach the hydraulic hoses with the rubber ring under the running board to ensure it runs correctly over the screen. (Picture 4)

#### Disassembly:

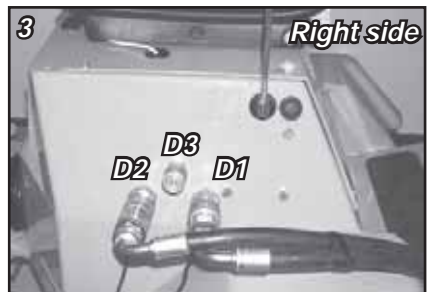
Follow the procedure for assembly in reverse order. Put the protective caps on the snap couplings to protect them from dirt.



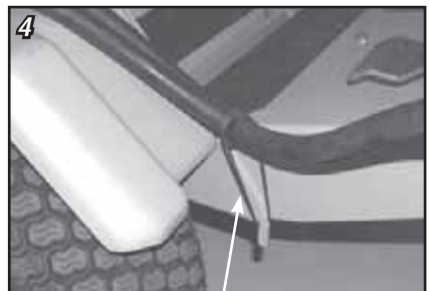
A-frame of the machine vertical



Locking handle on the A-frame - open



D-connectors



Rubber strap

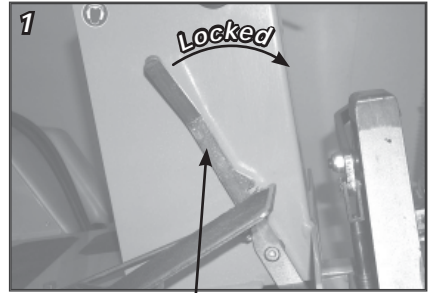
## 2. Instructions for use

### 2.2 Before start-up

During transport lock the Lawn Edger in the raised position with the transport lock. (Picture 1)



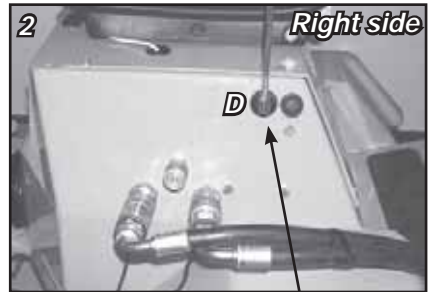
**Warning!**  
*Do not drive over well covers or similar obstacles, to avoid damaging the edger.*



Transport lock

### 2.3 Start-up

1. Start the machine. (See the operator's manual for the basic machine, section 2.2)
2. Start the Lawn Edger by pushing lever D on the right-hand side of the machine up to position 1. (Picture 2)
3. Lower the Lawn Edger by pushing lever A on the left-hand side of the machine down to position 2. (Picture 3)
4. It is recommended to hold the lever down for about 2 seconds, as after this the edger is in a floating position and follows the contours of the ground.



Start the Lawn Edger - lever D in pos. 1



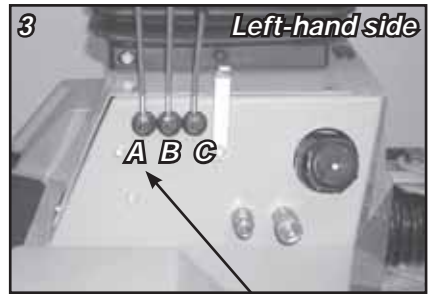
**Warning!**  
*Make sure there is no one close to the machine when it is running.*



**N.B!**  
*When turning, the rear of the machine swings out, so there is a risk of crushing or collision.*



*It is recommended not to drive with a higher engine speed than necessary, to reduce the noise and the energy consumption.*



Lower the Lawn Edger - lever A in pos. 2



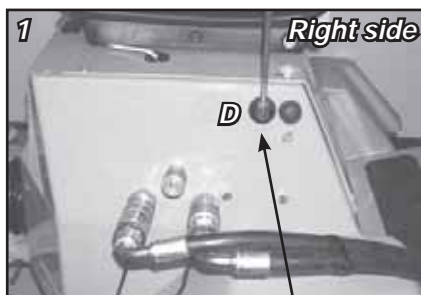
## 2. Instructions for use

### 2.4 Adjustment

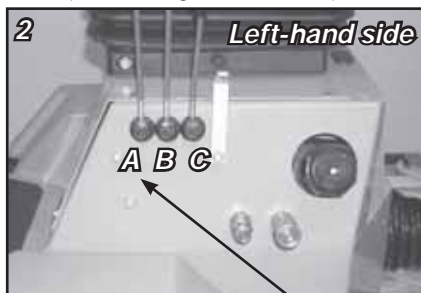
Adjust the working depth to suit the conditions.

#### **Adjusting the working depth:**

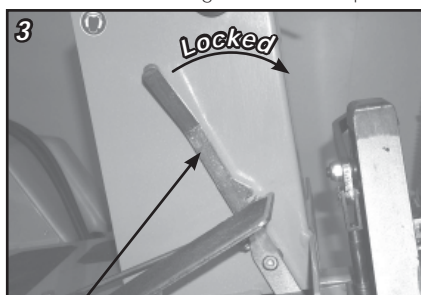
1. Stop the Lawn Edger by pushing lever D on the right-hand side of the machine down to position 0. (Picture 1)
2. Raise the Lawn Edger by pushing lever A on the left-hand side of the machine up to position 1. (Picture 2)
3. Lock the Lawn Edger in raised position with the transport lock. (Picture 3)
4. Stop the machine.
5. Loosen the handle. (Picture 4)
6. Adjust the height of the gauge wheel to the working depth required.
7. Tighten the handle again.



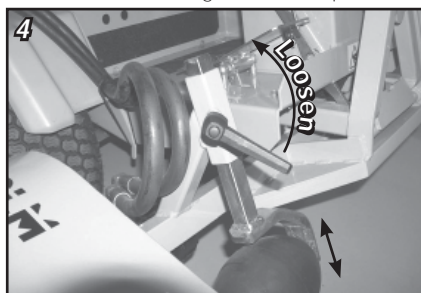
Stop Lawn Edger - lever D in pos. 0



Raise the Lawn Edger - lever A in pos. 1



Lock the Lawn Edger in raised position



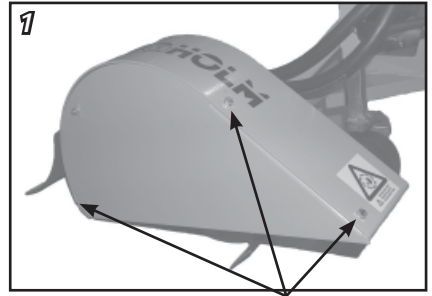
Loosen the handle - adjust the height of the gauge wheel

## 2. Instructions for use

### 2.5 Changing the blade

The blade on the Lawn Edger is changeable, which means that you can choose whether to cut inwards or outwards. The blade is changed according to the placing of the machine in relation to the edge of the lawn.

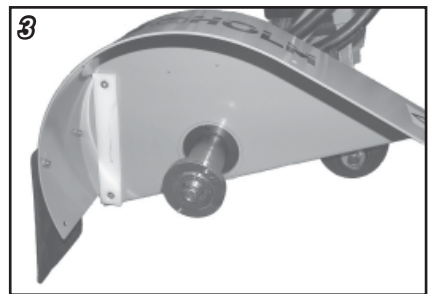
1. Remove the protective guard. (Picture 1)
2. Unscrew the bolts which hold the rotating edger disc and the bolt which holds the shaft. (Picture 2)
3. Remove the rotating edger disc and the shaft. (Picture 2)
4. Remount and fasten the reversed shaft.  
*Do not forget to lubricate the shaft, as this allows it to be removed again later.* (Picture 3)
5. Mount and fasten the other rotating edger disc – not the one just removed. (Picture 4)
6. Remount the protective guard.



Remove the protective guard – bolts



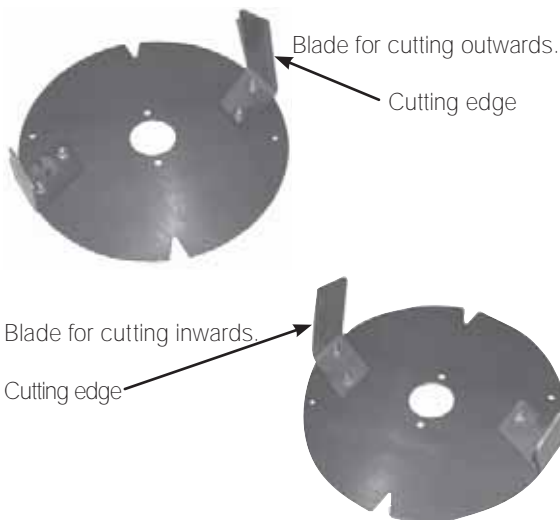
Shaft, rotating edger disc and bolts



Remount and fasten the reversed shaft



Replace the rotating edger disc



## 3. Service and maintenance

### 3.1 Cleaning

Daily cleaning and maintenance will extend the lifetime of both the machine and the attachment.

Clean the Lawn Edger with water after use.

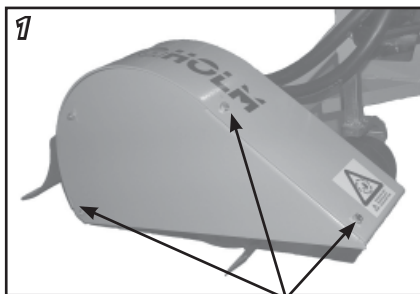
### 3.2 Maintenance

#### **Changing the cultivator blades:**

1. Stop the machine.
2. Remove the Lawn Edger. (See Section 2.1)
3. Remove the protective guard. (Picture 1)
4. Unscrew the nuts and bolts that hold the blades in place and remove the blades. (Picture 2)
5. Fit new blades by reversing the procedure.

#### **Replacing the rotating edger disc:**

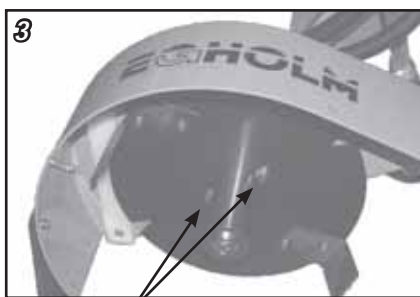
1. Stop the machine.
2. Remove the Lawn Edger. (See Section 2.1)
3. Remove the protective guard. (Picture 1)
4. Unscrew the bolts which hold the rotating edger disc and remove the disc. (Picture 3)
5. Fit a new disc by reversing the procedure.



Remove the protective guard – bolts



Nuts which hold the blades

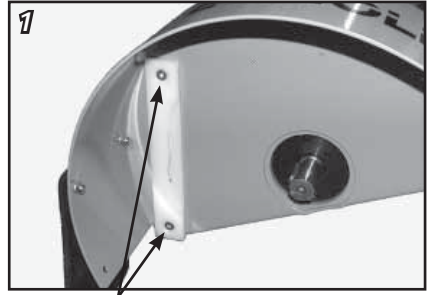


Bolts which hold the rotating edger disc

## 3. Service and maintenance

### **Replacing the wearing block:**

1. Stop the machine.
2. Remove the Lawn Edger. (See Section 2.1)
3. Unscrew the screws and nuts which hold the wearing block and remove the block. (Picture 1)
4. Fit a new wearing block by reversing the procedure, note that the cut-out in the wearing block must face the disc and the shaft.



The screws which hold the wearing block

New blades, discs and wearing blocks can be ordered from an authorised Egholm distributor.

### **Winter storage:**

When it is time to store the Lawn Edger for the winter, we recommend the following:

1. Remove any loose paint and repaint any damaged areas.
2. Spray the Lawn Edger with preservative oil.

# 4. Conditions

## 4.1 Warranty

The warranty period for the materials and manufacture of the Lawn Edger is 12 months from the date of purchase.

In case of errors or defects on the machine within the warranty period, Egholm Maskiner A/S will carry out the necessary repairs without charge for materials and working hours in accordance with the terms and conditions listed below. The customer is to cover the costs for transportation.

### ***The scope of warranty:***

1. The Egholm warranty is only valid on presentation of the original receipt supplied with model description, serial number and date of purchase.
2. Regular checks, adjustments, services and technical alterations are not covered by the guarantee.
3. All inquiries concerning the warranty are to be addressed to the place where the machine was purchased.
4. This warranty does not cover faults and defects which cannot be traced back to defects in material or production errors.
5. Egholm Maskiner A/S reserves the right to make improvements and design-related alterations to the machine without being obliged to modify previously delivered models in relation hereto.
6. This warranty is valid for persons who have legally acquired the machine within the warranty period.

### ***The guarantee does not cover:***

- \* Wear and tear, accidents, damage to the equipment caused by operating errors, improper utilization of the machine, changes to the construction of the machine or use of non-Egholm spare parts or implements.
- \* Machines with illegible serial numbers.
- \* Damage caused by force majeure such as lightning, flood, fire, war, civil disturbance etc. or other causes over which Egholm Maskiner A/S has no control.

## ***4. Conditions***

### ***4.2 Conditions of complaint***

All inquiries regarding the machine should be made to the distributor from whom the machine was purchased. This applies to inquiries concerning normal use, service, maintenance and spare parts as well as to any complaints.

If there are questions that the distributor cannot answer, please do not hesitate to contact Egholm Maskiner A/S directly. Also feel free to contact us with suggestions or requests for special implements and/or features for the machine. We wish you many years of safe and satisfied use of your machine.

Best regards

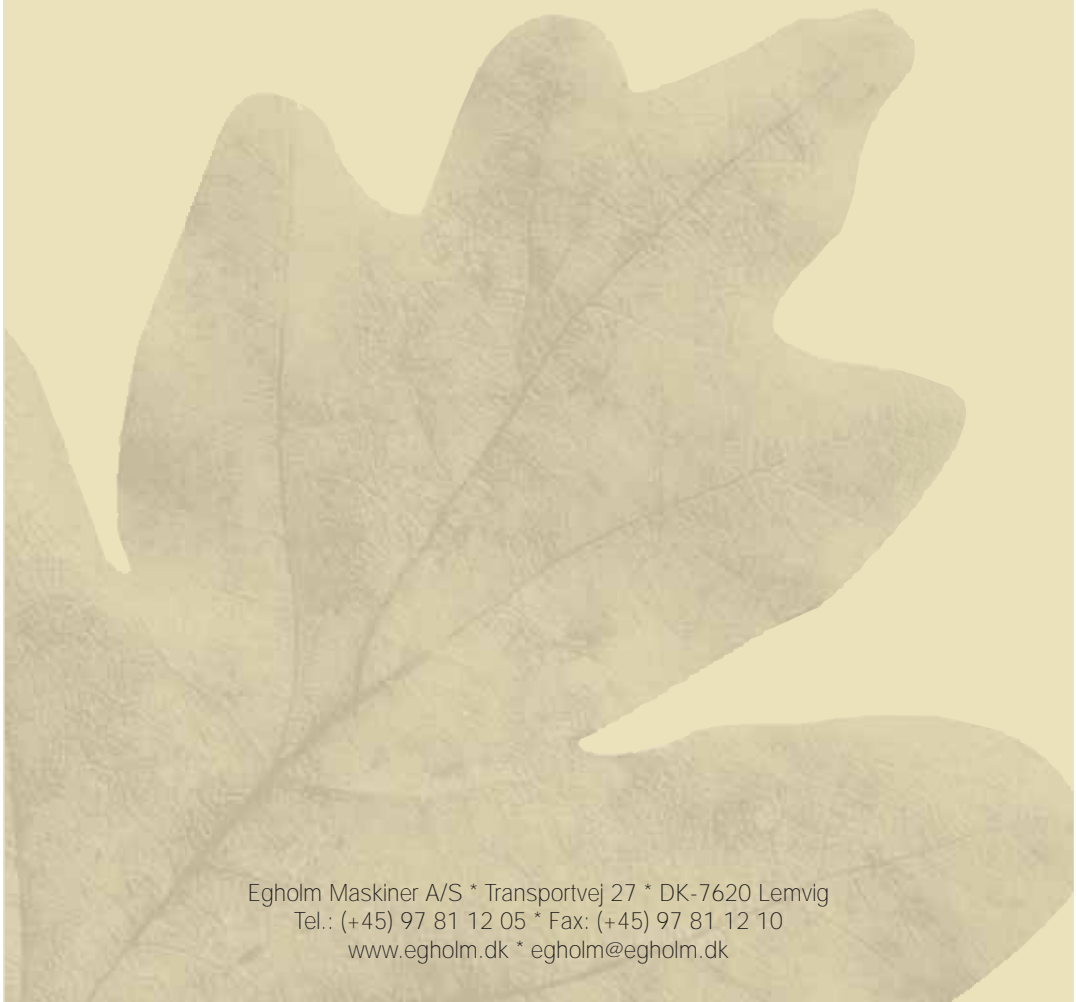
Egholm Maskiner A/S - Transportvej 27 - DK -7620 Lemvig, tel: +45 97 81 12 05, fax: +45 97 81 12 10

### ***4.3 Disposal***

When – many years from now – your Egholm Lawn Edger comes to the end of its working life, it should be disposed of in a responsible manner and conform with the relevant disposal regulations.

1. Used hydraulic oil is to be disposed of at an approved waste disposal facility or site.
2. Remove all plastic and rubber parts and discard in a dustbin.
3. After the parts mentioned have been removed, the machine is ready to be handed over to one of your local approved scrap merchants.

# Notes

A large, detailed, light-colored leaf graphic, possibly a maple leaf, is positioned in the lower half of the page. It is rendered in a light beige or cream color, matching the background, and shows intricate vein patterns.

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