

OPERATOR'S MANUAL

Dozer 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 Dozer Blade:

To ensure the optimal performance of your Egholm Dozer Blade, 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 Dozer Blade is equipped with various devices to ensure optimal operational safety both for the user and the surroundings. We ask you to pay particular attention to page 4. The machine must only be serviced by professionals.

The Dozer Blade 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
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1. General information

The Dozer Blade truly shows the strength and power of the Egholm 2100. The machine, with its four-wheel drive and carefully designed weight distribution pushes snowdrifts aside effortlessly.

Hydraulically adjustable, the Dozer Blade pushes the snow to whichever side you choose, and can be ingeniously combined with the Salt and Sand Spreader to make icy patches safe in the same operation.

To protect both the surface and the machine, the Dozer Blade is fitted as standard with a safety tilt system and a rubber scraping edge.

The **rubber scraping edge** is ideal for use with melting snow and also scrapes the surface thoroughly without damaging it.

The **steel scraping edge** is supplied as standard and is ideal for hard or compressed snow, although the edge should be adjusted so that it does not completely scrape the surface as this can damage it.

Useful tips

Adjust the skids according to the condition of the surface. If there are lots of raised edges set the skids high so they do not cut into the edges.

Use the Dozer Blade for big drifts. The Dozer Blade prepares pavements by removing most of the snow. The Snow sweeper finishes off the job.

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 is standing close to the machine while it is in use:

Make sure that no one is near the machine while it is in use as there is a danger of crushing.



N.B!

As it is articulated, the rear end of the machine swings out when turning. Make sure that no one is standing near the machine while it is in use. (Picture 1)



When lever B on the right-hand side of the machine is operated, the Dozer Blade moves from side to side. Make sure that no one is standing near the machine while it is in use. (Picture 2)



Avoid crushing fingers

Keep your hands and fingers away from areas where there is a danger of crushing.



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 3)



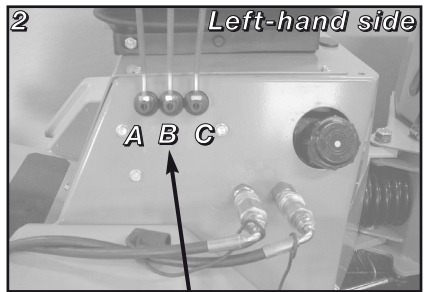
Reduction of noise and energy consumption:

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

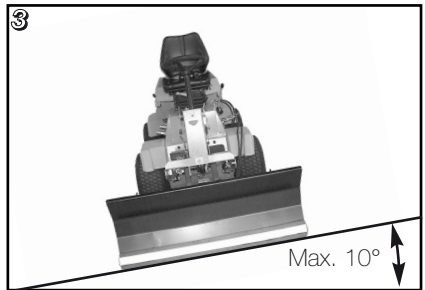
1



Prevent people from standing in the working area.



Lever B



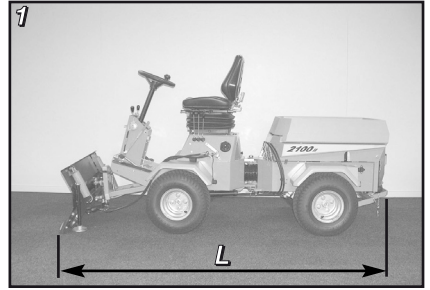
Do not drive on slopes with an incline of more than 10°

1. General information

1.3 Technical data

Dimensions:

	Assembled:	Storage dimensions:
Length (L):	2,480 mm	310 mm
Width (W):	1,200 mm	1,200 mm
Height without cab (H):	475 mm	475 mm
Height with cab:	1,935 mm	

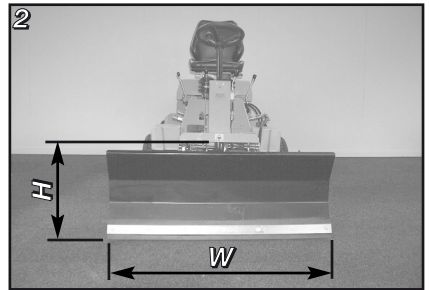


Side view

Technical data:

Type description:	DB125S
Weight of Dozer Blade:	55 kg

Clearing width:	1,200 mm
Ground clearance below scraping edge, lifted:	390 mm
Ground clearance below skids, lifted:	320 mm



Front view

Adjuster discs per skid	10
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Location of model plate

N.B!

Specifications may be changed without prior notice.

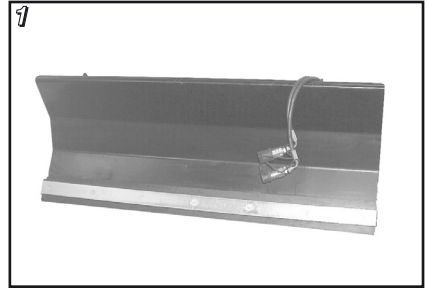
2. Instructions for use

2.1 Assembly / Disassembly

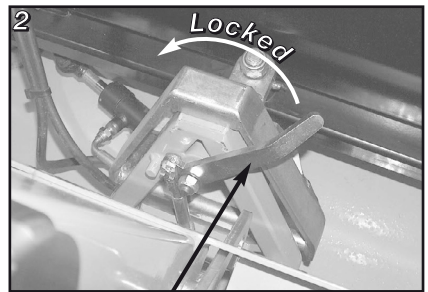
1. It is recommended that the hydraulic hoses should be run over the Dozer Blade to keep them clear and free from dirt when the Dozer Blade is fitted. (Picture 1)
2. The locking handle on the A-frame of the basic machine must be in the open position. (Picture 2)
3. Drive the basic machine right up to the A-frame of the Dozer Blade, so the A-frames fit into each other.
4. Raise the A-frame with lever A on the left-hand side of the basic machine until the Dozer Blade is freely suspended above the ground. (Picture 3)
5. Lock the Dozer Blade 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 on the B-connectors on the left-hand side of the machine. (Picture 3)
8. Attach the hydraulic hoses with the rubber strap under the running board to ensure it runs correctly over the screen. (Picture 4)

Disassembly:

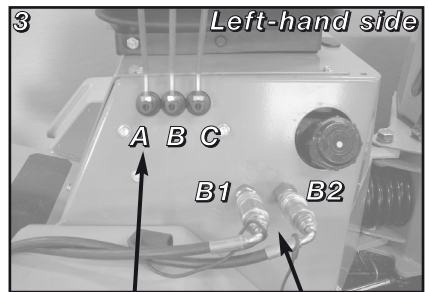
Follow the procedure for fitting in reverse order. Put the protective caps on the snap couplings to protect them from dirt.



Hydraulic hoses

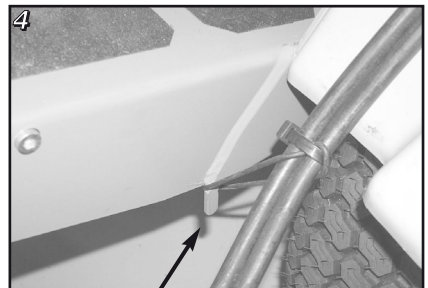


Locking handle on the A-frame - open



Lever A

B-connectors



The hoses are fastened with a rubber strap

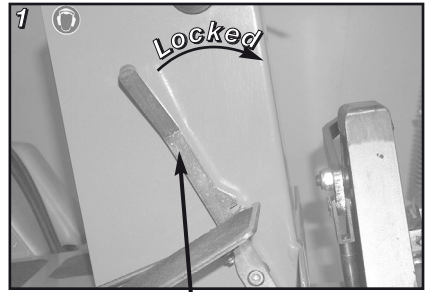
2. Instructions for use

2.2 Important before start-up

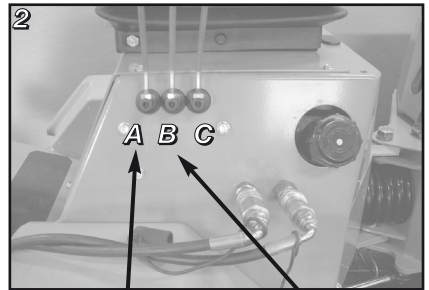
During transport lock the Dozer Blade in the raised position with the transport lock. (Picture 1)

2.3 Start-up

1. Start the machine. (See the operator's manual for the basic machine, section 2.2)
2. Lower the Dozer Blade by pushing lever A on the left-hand side of the machine down to position 2. (Picture 2)
3. It is recommended to hold the lever down for about 2 seconds, as after this the Dozer Blade is in a floating position and follows the contours of the surface.
4. Turn the Dozer Blade with lever B on the left-hand side of the basic machine until the Dozer Blade turns as you want it to. (Picture 2)



Transport lock



Lever A

Lever B



Warning!

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



When lever B on the right-hand side of the machine is operated, the Dozer Blade moves from side to side.

Make sure that no one is standing near the machine while it is in use. (Picture 2)



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.

2. Instructions for use

2.4 Adjustment

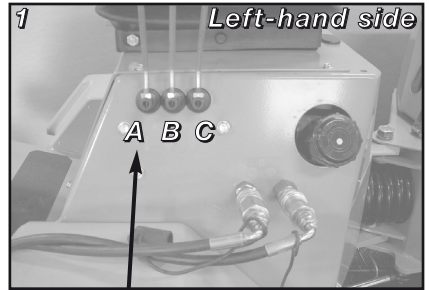
Adjust the skids according to the condition of the surface. If there are lots of raised edges set the skids high so they do not cut into the edges.

If the Dozer Blade is fitted with the steel scraping edge, it should be adjusted so that it does not scrape right down on the surface, as this can damage the surface. (See page 3 for the selection of the edge)

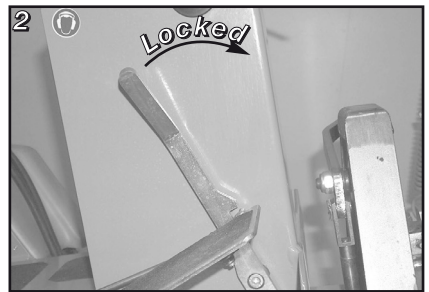
The scraping height is adjusted by changing the number of adjuster discs between the skid and the scraper guard.

Adjusting the scraping height:

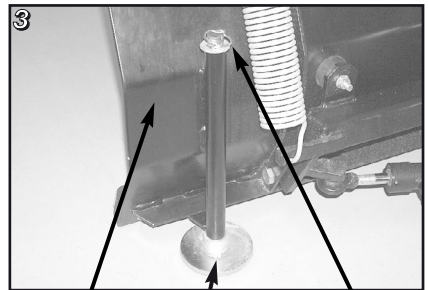
1. Raise the Dozer Blade by pushing lever A on the left-hand side of the machine up to position 1. (Picture 1)
2. Lock the Dozer Blade in the raised position with the transport lock. (Picture 2)
3. Stop the machine.
4. Remove the locking ring on the skid, take off the skid and place the required number of adjusting discs between the skid and the scraper guard (the same number on both skids). (Pictures 3 & 4)
5. Fit the skid and put the remaining adjuster discs on the skid above the scraper guard. (Picture 5)
6. Put the locking ring back on the skid.



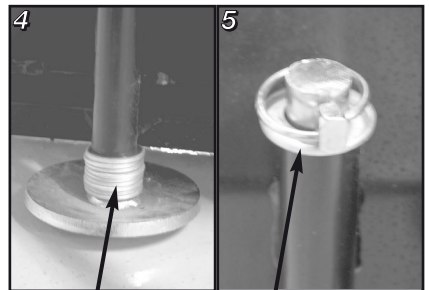
The Dozer Blade is raised with lever A



Lock the Dozer Blade with the transport lock



Scraper guard, skid and locking ring



Adjuster discs

Remaining discs

3. Service and maintenance

3.1 Cleaning

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

Clean the Dozer Blade with clean water when it is no longer required for use.

3.2 Maintenance

Lubricating the bearings:

The bearings for the swivel on the Dozer Blade must be lubricated regularly with a good quality lubricant.

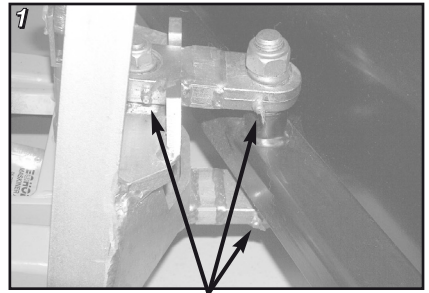
1. Stop the machine. (See the operator's manual for the basic machine, section 2.2)
2. Clean the lubricating nipples and lubricate the bearings until the grease starts to come out of the bearing. (Picture 1)

Replacing the scraping edge:

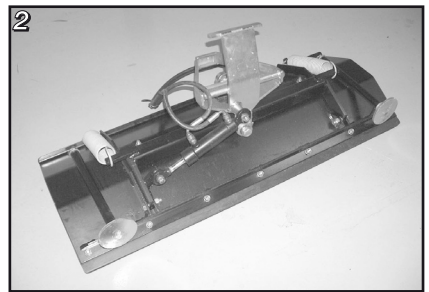
The edge may be ground down to the scraper guard as a maximum.

1. Detach the Dozer Blade. (See Section 2.1)
2. Stop the machine. (See the operator's manual for the basic machine, section 2.2)
3. Tip the Dozer Blade forward. (Picture 2)
4. Remove the nuts from the bolts that hold the edge and remove the edge. (Picture 3)
5. Fit the new scraping edge by reversing the procedure.

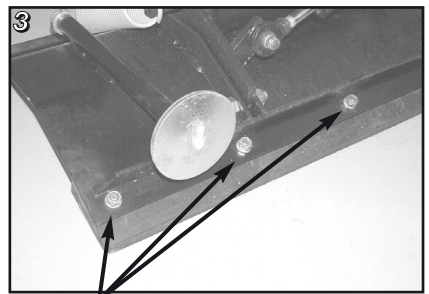
New edges and skids can be ordered from an authorised Egholm distributor.



Location of lubrication nipples



Tip the Dozer Blade forward



The nuts that hold the scraping edge

3. Service and maintenance

Storage outside the season:

When the Dozer Blade is to be stored outside the season, it is recommended to remove any loose paint and to repaint any damaged areas.

4. Conditions

4.1 Warranty

The warranty period for the materials and manufacture of this Dozer Blade 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, 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, telephone: +45 97 81 12 05, fax: 97811210


4.3 Disposal

When – many years from now – your Dozer Blade 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 tool is ready to be handed over to one of your local approved scrap merchants.

Notes

Notes

A large, faint, light-colored oak leaf is centered on the page, serving as a background for the text.

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