

OPERATOR'S MANUAL

Snow Blower



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 Snow Blower:

To ensure the optimal performance of your Egholm Snow Blower, 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 Snow Blower 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 Snow Blower is designed only for use by professionals. On delivery, the user will receive thorough instructions in the use of the machine and will thus 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

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1. General information

The Snow Blower is a tool for dealing with large volumes of snow and quickly deals with up to 50 cm of snow in a working width of 1 metre.

It can plough through snowdrifts and send the snow wherever you wish via the hydraulically adjustable discharge chute.

The Snow Blower is very powerful and can throw snow high up over hedges or other obstacles – far away from cyclists and pedestrians.

Useful tips

Spray silicone inside the discharge chute before use. This makes it smoother and so the discharge capacity is increased.

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



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)



Make sure no one is standing too 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.



Make sure there are no people or objects which can be damaged within 60 metres of the discharge direction. There can be things hidden in the snow which can be ejected at high speed, with subsequent risks of serious injury or damage.



Inspect the working area:

The working area must be inspected carefully before snow clearing is started, foreign elements can be very dangerous if they are discharged with the snow.



Warning! Rotating parts!

Make sure that no one puts their fingers or toes into the Snow Blower while it is running, to avoid personal injuries. (Pictures 2 - 4)



Make sure that no one puts their hands or any objects into the discharge chute when the Snow Blower is running, to avoid injuries. (Picture 2)

1

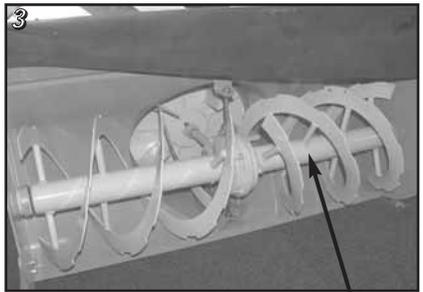


Prevent people from standing in the working area.

2

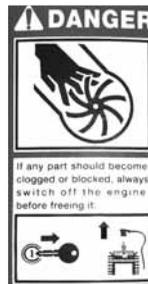


Warning! Rotating parts!



Keep away from the auger

4



1. General information



Avoid crushing fingers

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



Stop the machine before servicing the Snow Blower:

No form of service whatsoever may be carried out on the Snow Blower while the machine is running.



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 1)



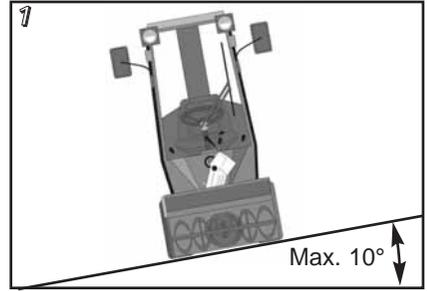
Reduction of noise and energy consumption:

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



Avoid damage to your hearing:

Use approved hearing protectors while the machine is in use. (Picture 2)



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

2



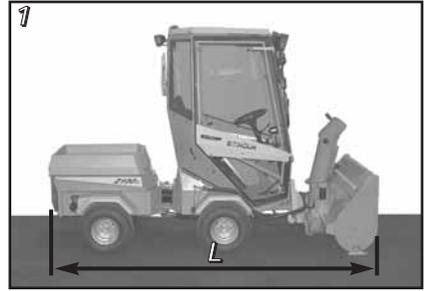
Use approved hearing protectors

1. General information

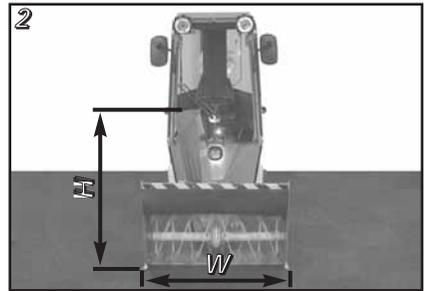
1.3 Technical data

Dimensions:

	Assembled:	Storage dimensions:
Length (L):	2,740 mm	680 mm
Width (W):	1,015 mm	1,010 mm
Height without cab (H):	1,050 mm	1,050 mm
Height with cab	1,935 mm	



Side view



Front view



Location of model plate

Technical data:

Type description:	SN100
Clearing width:	1,000 mm
Intake height:	600 mm
Ground clearance below Snow Blower:	420 mm
Weight of Snow Blower:	105 kg

N.B!

Specifications may be changed without prior notice.

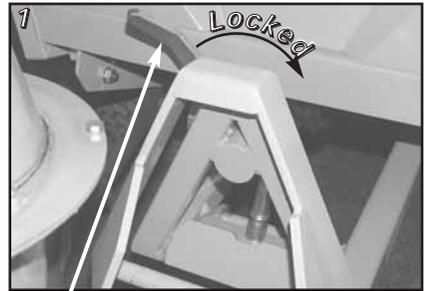
2. Instructions for use

2.1 Assembly / Disassembly

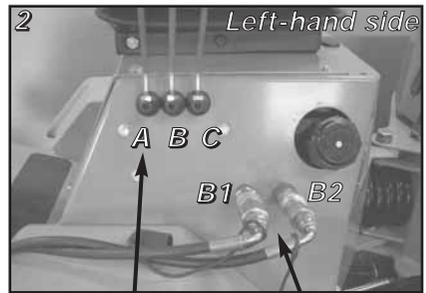
1. Make sure to keep the hydraulic hoses clear and free from dirt when the Snow Blower is being fitted.
2. The locking handle on the A-frame of the basic machine must be in the open position. (Picture 1)
3. Drive the basic machine right up to the A-frame of the Snow Blower, so the A-frames fit into each other.
4. Raise the A-frame with lever A until the Snow Blower is freely suspended above the ground. (Picture 2)
5. Lock the Snow Blower in place with the locking handle on the A-frame. (Picture 1)
6. Stop the machine. (See the operator's manual for the basic machine, section 2.2)
7. Fit the hydraulic hoses for turning the discharge chute to the B-connectors. (Picture 2)
8. Fit the hydraulic hoses for rotating the auger to the D-connectors. (Picture 3)
9. 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 fitting in reverse order. Put the protective caps on the snap couplings to protect them from dirt.

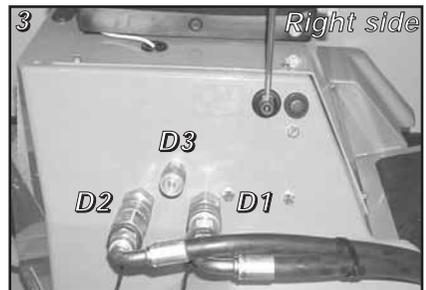


Locking handle on the A-frame - open

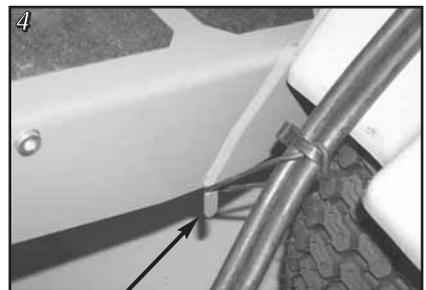


Lever A

B-connector



D-connectors



The hoses are fastened with a rubber strap

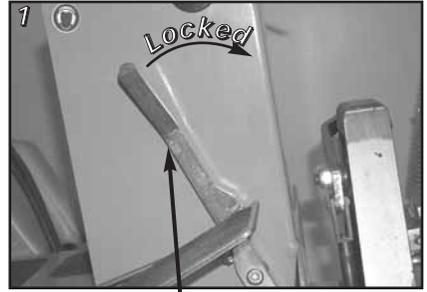
2. Instructions for use

2.2. Before start-up

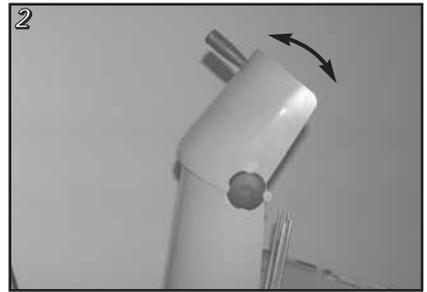
During transport lock the Snow Blower in the raised position with the transport lock. (Picture 1)

2.3 Start-up

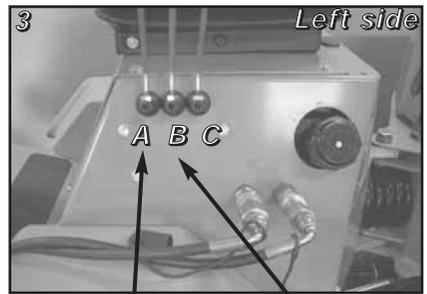
1. The angle of discharge is altered manually by changing the angle of the upper part of the discharge chute; stop the machine before changing the angle. (Picture 2)
2. Start the machine. (See the operator's manual for the basic machine, section 2.2)
3. Lower the Snow Blower by pushing lever A down to position 2 and holding it there for approximately 2 seconds; the Snow Blower is now in a floating position and follows the contours of the ground. (Picture 3)
4. Turn the discharge chute using lever B until it is in the required position. (Picture 3)
5. Start the auger by pushing lever D up to position 1. (Picture 4)
6. Adjust your driving speed so that the Snow Blower can deal with the snow.



Transport lock

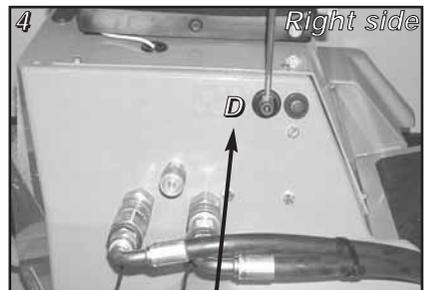


Changing the discharge direction



Lever A

Lever B



Lever D



N.B!

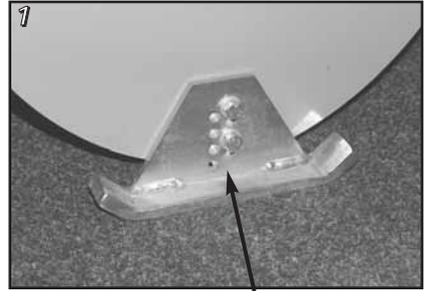
The working area must be inspected carefully before snow clearing is started, foreign elements can be very dangerous if they are discharged with the snow.

2. Instructions for use



N.B!

Make sure there are no people or objects which can be damaged within 60 metres in the discharge direction. There can be things hidden in the snow which can be ejected at high speed, with subsequent risks of serious injury or damage.



Adjusting the skid shoes

After clearing the snow:

Let the Snow Blower run for a couple of minutes after you have finished clearing the snow to make sure no snow is left, as this can freeze up the auger.

2.4 Adjustment

Adjusting the intake height:

Adjust the skid shoe to the correct height above the ground. Stones and pebbles can cause damage both to the machine and to other things.

1. Unscrew the nuts and bolts which hold the skid shoe.
2. Reattach the skid shoe at the required height.

Repeat the procedure on the other skid shoe.

3. Service and maintenance

3.1 Cleaning

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

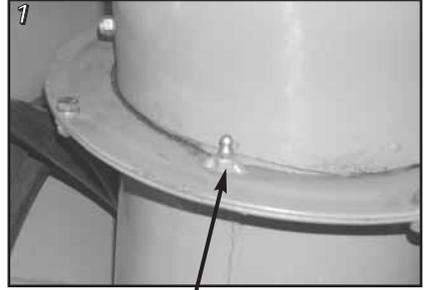
Clean the Snow Blower with water after use.

3.2 Maintenance

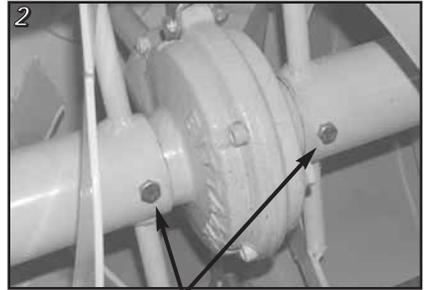
Lubricating the swivel for the discharge chute:

The swivel for the discharge chute must be lubricated regularly with good quality lubricant.

1. Stop the machine.
2. Clean the lubricating nipple and lubricate the swivel until the grease starts to come out. (Picture 1)



Location of the lubricating nipple on the discharge chute



Safety bolts

Changing the safety bolts:

In each of the two augers there is a safety bolt which can shear if the auger catches on something in the snow.

1. Stop the machine. (See the operator's manual for the basic machine, section 2.2)
2. Disconnect the hydraulic hoses.
3. Remove the sheared bolt.
4. Push a new bolt through the auger and put on the nut.

These safety bolts must be original bolts, which can be ordered from an authorised Egholm distributor.

Egholm item no. 03200430 and 03803060

3. Service and maintenance

Before storing the Snow Blower after the season, do the following:

1. Inspect the Snow Blower carefully for any damage, and repair any damage found.
2. Remove any loose paint and repaint any damaged areas.
3. Spray the Snow Blower with preservative oil (to prevent rust).

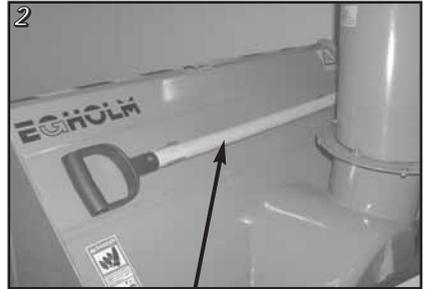
3.3 Troubleshooting

Blockage in the discharge chute:

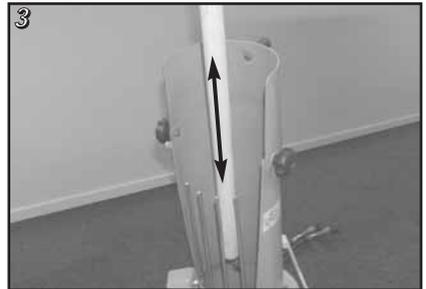
1. Stop the machine. (See the operator's manual for the basic machine, section 2.2)
2. Remove the hydraulic hoses.
3. Move the top section of the discharge chute so that it is completely upright. (Picture 1)
4. Pick up the wooden shaft which is on the Snow Blower and push down the compacted snow until the chute is no longer blocked. (Pictures 2 and 3)
5. Put the shaft back in place.
6. Reconnect the hydraulic hoses.



Adjust the spout so that it is completely upright



Use the wooden shaft



to push out the snow



Stop the machine before working on the Snow Blower:
No form of service whatsoever may be carried out on the Snow Blower while the machine is running.



4. Conditions

4.1 Warranty

The warranty period for the materials and manufacture of this Snow Blower 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 for repair.

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 Complaints

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 Egholm Snow Blower 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

