

Operator's manual



**Snow Blower
City Ranger 2260/2250**

Introduction

Dear Customer

Thank you for choosing an Egholm product

The City Ranger 2250/2260 is a Danish designed and manufactured utility machine, which allows you to take a very flexible approach to maintaining outdoor areas.

Optimal performance from your City Ranger 2250/2260 Snow Blower

To ensure optimal performance from your City Ranger 2250/2260 Snow Blower, please read this manual carefully before using 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 Safety section 1.1. The machine must only be operated and serviced by professionals.

The Snow Blower is designed for use by professionals only. On delivery of the machine, the user will need thorough training to become a competent operator.

Do not lend the machine or tools to anyone who has not been thoroughly trained and who has not read this manual carefully.

The operator's manual should be considered a vital accessory to the machine and so must remain with the machine if sold.

Warnings

Some items in this operator's manual are marked with this warning symbol. The warning indicates areas where extra care must be taken to avoid personal injury or damage to the machine and its accessories. The warning also explains how you should pay special attention to the aspect in question.



Reservations

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

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Egholm app - easy access to useful material

Download our Egholm app, enter the serial number of your machine and possibly add attachments, and get access to videos, manuals, technical specifications and much more.

If you agree to receive notifications, you will be notified about product and service information, offers etc. The app is available for Apple and Android mobile phones.

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The City Ranger 2260/2250 Snow Blower operates quickly and efficient to meet your demanding snow removal need.

The Snow Blower operates in two stages, First, the snow is transported to the rotating augers and afterwards, the snow is blown away by a rotating fan.

The result is a clear path in a tough winter environment.

The direction which the operator intend to direct the snow is hydraulic operated from the cabin with a joystick control. The deflector angle is perfectly controlled with a switch for operating a smooth linear actuator.

General information

**Honest
Machines**

General information

1.1 Safety



Danger of crushing.

Make sure no one is standing close to the machine while it is in use, as there is a danger of crushing.



NB!

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)



Avoid roll-overs

Do not drive the machine in places where there is a risk that it may slide, tip or roll. Do not drive on slopes with an incline of more than 5°. (Picture 2)



Counterweight

Never operate the Snow Blower without rear mounted counterweight. To ensure optimum stability it is mandatory the have the City Ranger 2250/2260 equipped with either a Salt & Sand spreader or counterweights. See technical data



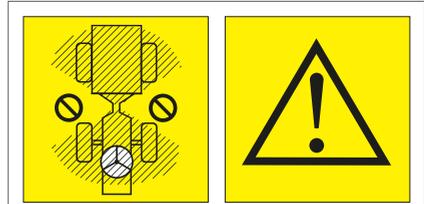
Read operators manual

Carefully read this Operator's manual before operating the machine. (Picture 3)



Danger of entanglement into machinery

Do not approach the Snow Blower when it is running, as there is a danger of being trapped into the machinery. (Picture 4)



EN: Activities around the articulation point is forbidden.
DK: Ophold i knækområdet er forbudt.
DE: Aufenthalt im Knickbereich ist verboten.
FR: Ne séjournez jamaris dans la zone d'articulation.

①

Prevent people from standing in the working area.



②

Do not drive on slopes with an incline of more than 5°



③

Read Operators Manual.



④

Avoid Entanglement in machinery.

Introduction

1.1 Safety - Continued



Danger of injuring superior limbs

Always make sure that the machine has reached a complete stop before entering the working area. (Picture 1)



Danger of injuring superior limbs.



Thrown or flying objects

Danger of injury due to thrown objects. Keep a safe distance from the machine whilst in operation. Remove stones, branches and similar from driving surface before operation. (Picture 2)

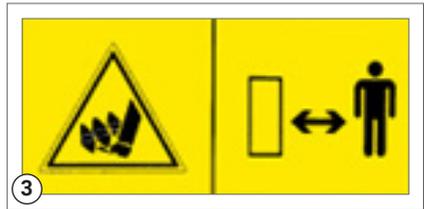


Danger of thrown or flying objects.



Safety distance

Always ensure that a safety distance of 50 meters are kept during operation. (Picture 3)



Safety distance (50 meters).



Personal Protective Equipment

Always use the stated mandatory personal protective equipment. (Picture 4)



4

Mandatory Personal Protective Equipment

1.2 EC Declaration of Conformity

Company:

CERRUTI S.r.l.
Via Statale 27 H – 14033 Castell'Alfero (AT)
C.Fisc. e P. IVA 01295490054
Tel.: +39 0141296957
fax: +39 0141276915
info@cerrutimacchineagricole.it
www.cerrutimacchineagricole.it

Depository of technical file:

Roberto Cerruti
Company headquarters

Declares under his own responsibility that the machine:

Snow Blower

Model	MTY L1100 SX
Serial n°	_____
Year	_____

complies with European Directive:

2006-42 EN (Machinery Directive)
2000-14 EN (Outdoor Noise Directive)

To ensure the machine's compliance, the following harmonized norms were used:

UNI EN 13021:2003 + A1:2009
UNI EN ISO 13857:2009

As well as technical specification:

ISO 4413:1998
ISO 11684:1995

Castell'Alfero (AT), _____

Legal Representative
Roberto Cerruti

General information

1.3 Technical data

Dimensions	Attached	Storage dimensions
Length (L).....	3,450 mm.....	1,050 mm
Width (W).....	1,125 mm.....	1,125 mm
Height (H).....	1,939 mm.....	1,500 mm

Technical data

Type	MTY 1100 SX
Sound Power Level, Directive 2000/14/EC.....	106 dB(A)
Weight.....	140 kg
Working width.....	1100 mm
Working height.....	600 mm
Ground clearance below Snow Blower approx.	370 mm
Minimum auger RPM	500 min-1
Maximum auger RPM.....	1000 min-1
Hydraulic oil.....	Texaco Rando HDZ 68

N.B!

Specifications may be changed without prior notice.

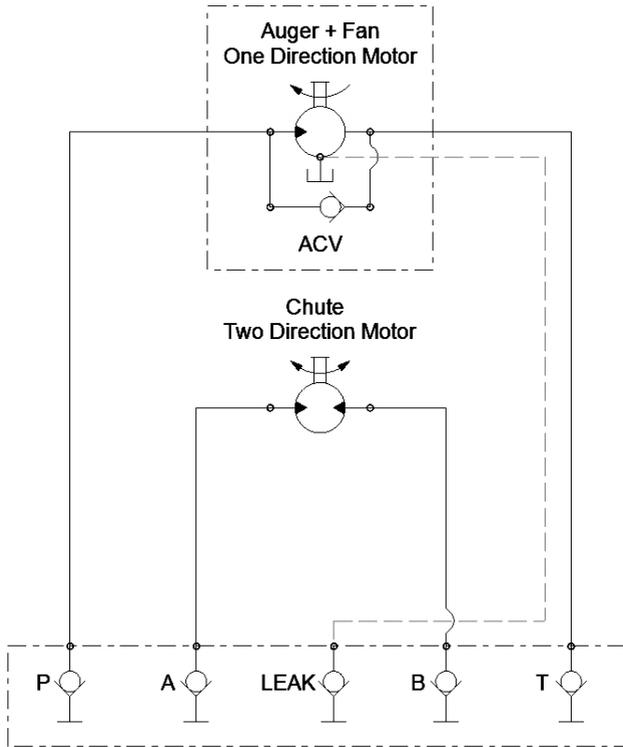
Item number

Snow Blower	E70101172
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Optional/Mandatory Equipment

Counterweights (mandatory if used without Salt Spreader).....	E70101201
Salt and Sand Spreader (mandatory if used without Counterweights).....	E70101305

1.4 Hydraulic circuit



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2.1 Connect / Disconnect

Unpacking the Snow Blower

The Snow Blower is packed and delivered on a pallet with protective plastic foil (Picture 1).

Unwrap the plastic foil. Do not use a sharp knife, as damage to the Snow Blower can occur. Preferably use a pair of scissors to cut the foil if necessary.

Use a hoist or crane to lift the snow blower of the pallet with the marked lifting points (Picture 2+3).

Check that the rotating parts are free from unwanted external blockings. Make sure that the attachment is without any damage to ensure safe use.



1 Snow Blower with protective plastic foil



2 Lifting point mark



3 Snow blower lifted with a crane

Operator's manual

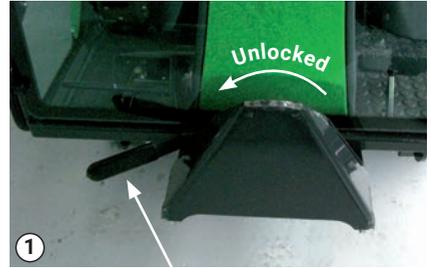
2.1 Connect / Disconnect continued

Connect

1. The locking handle on the A-frame of the City Ranger 2260 basic machine must be in the unlocked position (Picture 1).
2. Drive the basic machine up to the A-frame connection of the Snow Blower to fit these together (Picture 2).
3. Raise the A-frame by pulling the joystick back until the Snow Blower is fully clear from the ground (Picture 3).
4. Switch off the engine.
5. Use the locking handle on the A-frame to lock the Snow Blower in place (Picture 4). The locking handle may only be engaged when the engine has been switched off.
6. Raise the support leg to the uppermost position (Picture 3).

Disconnect

Follow the connection procedure in reverse order to disconnect.



Locking handle



Attaching



Snow blower lifted. Support leg.



Connecting

2.2 Before start-up

During transport

Lock the Snow Blower in the raised position using the transport lock. This prevents the attachment from lowering during transport.

How to use the transport lock

Move the handle to the uppermost position. Lift the A-frame by moving the joystick up. As the A-frame lifts, the transport lock is automatically activated (Picture 1).

How to unlock the transport lock

Unhitch the handle and lift the A-frame to the uppermost position. The attachment can now be lowered again (Picture 2).

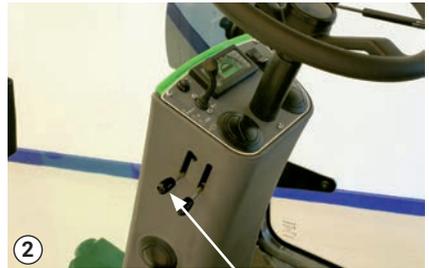


Warning

Make sure to avoid driving over manhole covers or similar obstacles to avoid crashing and unsafe driving.



Transport lock – locked



Transport lock – unlocked

Operator's manual

2.3 Start-up

1. Start the machine.



N.B!

Before activating any attachment, make sure that all safety measures are considered.

2. Lower the Snow Blower by gently moving the joystick down. (Picture 1)



N.B!

Aggressive lowering can cause unwanted damage to the Snow Blower.

3. OPTIONAL - Activate the weight distribution, using the left (red) button on the joystick. (Picture 2)

The Snow Blower will now follow the terrain. It is deactivated by pushing the red button again.

Note: Only activate the weight distribution once the attachment is resting on the ground. This ensures unwanted aggressive lowering.

4. The lifting capacity of the weight distribution is adjusted using the aluminum handle. Increasing generates more lift and decreasing generates less lift. (Picture 3)



Joystick



Weight distribution



Lifting capacity

2.3 Start-up - continued

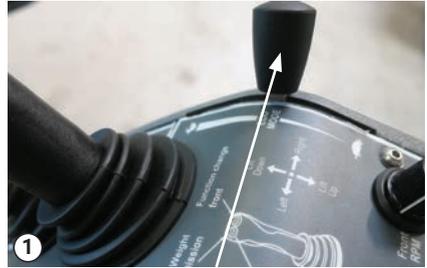
5. Push the throttle forward until it is at least half open. (Picture 1)
6. Start the Snow Blower by activating PTO-front. (Picture 2)
7. Push the throttle all the way forward to achieve full rotation speed for the Snow Blower.
8. Always adjust the driving speed to suit the conditions.

N.B!

Do not overfeed the Snow Blower as this can cause clogging and lead to breakage of the protective safety bolts (VTE 8x55 8.8 DIN 931)

After operation

Before stopping the Snow Blower after use, let it run completely clear from snow. Stop by deactivating the PTO-front. (Picture 2)



Push the throttle forward until it is half open



PTO-front



Warning! Rotating parts

To avoid personal injury, make sure no one puts their fingers or toes near the Snow Blower while it is in operation.



Warning! Safety distance

Always make sure that a safety distance of 50 meters from people and objects are kept during operation.



Warning

Make sure no one is standing close to the machine while it is in use.



NB!

When turning, the rear end of the machine swings out so there is a risk of crushing or collision.

Operator's manual

2.4 Adjustment

Adjusting the chute direction

The chute directs ejected snow and can be adjusted during operation.

Use the joystick to adjust the sideways chute direction

To orient the chute to the right, move the joystick outwards. (Picture 1)

To orient the chute to the left, move the joystick inwards. (Picture 2)

Use the pole-switch to adjust the vertical ejector angle

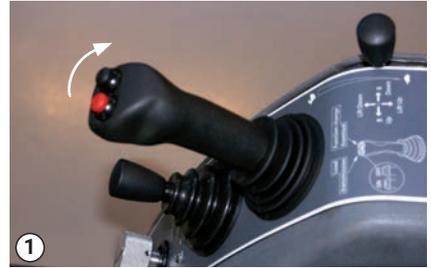
To orient the tip of the chute higher or lower, press the up or down function at the pole-switch for direction. (Picture 3)

Adjusting the working height

The working height of the Snow Blower is adjusted using the skid shoes (Picture 3). Use a 13-millimeter spanner to loosen the skid shoes and tighten 23 Nm at the intended ground distance.

Note:

In uneven terrain, the Snow Blower requires a larger distance from the ground to avoid running into bumps and/or obstacles like stones, branches, etc.



1

Adjustment handle
Moving the chute to the right



2

Adjustment handle
Moving the chute to the left



3

Sled shoes



4

Pole-switch

2.5 Troubleshooting

Clogged chute

The Snow Blower operates by forward driving into the snow masses. The Snow Blower can only obtain snow up to the specified working height of 600 mm.

In case excessive snow clogs the chute, bring the machine to a complete stop.

Lower the snow blower completely.

Stop the PTO-front.

Switch off the machine, and wait for 10 seconds to ensure that the attachment has reached a complete stop.

Use the rod to remove the plugging inside the chute (Picture1).



Use the woden bar to unlog the chute



N.B!

Do not put you hands near the augers or the blower fan.



N.B!

Always wear mandatory P.P.E. whilst handling the machinery.



Warning

Never start and operate the Snow Blower if any safety measures are not met.

Service and maintenance

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Service and Maintenance

3.1 Cleaning

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

It is important that the couplings are intact and clean before mounting the attachment. If not clean, use a cloth or similar (Picture 1).

Cleaning the Snow Blower

1. Keep the Snow Blower mounted on the City Ranger 2260.
2. Lift the Snow Blower up and apply the transport lock. (Picture 2+3)
3. Clean the snow blower with water. A high-pressure cleaner can be used. (Picture 4)

N.B!

Do not high pressure wash too close to the machine or attachment as this can cause damage to the component surfaces.

4. Avoid high pressure cleaning of the hydraulic couplings - use a cloth or similar. (Picture 1)
It is recommended to clean the Snow Blower immediately after operation to prevent corrosion.

Note:

Operating in salty environments increases the corrosion process.



Clean the snap couplings



Lift the snow blower



Apply the transport lock



Clean the Snow Blower

Service and Maintenance

3.2 Maintenance

Note

Always wear mandatory Personal Protective Equipment while carrying out maintenance work.

Make sure that the machine is switched off and prevent unintended start up during maintenance work.

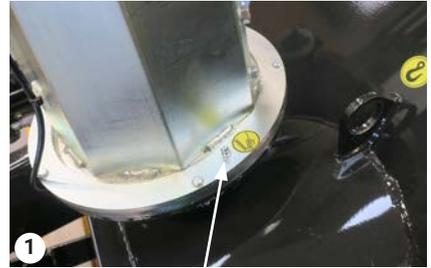
Greasing

The Snow Blower has 1 greasing nipple at the chute rotation. Grease with a grade 2 mineral grease prior to and after each working cycle. (Picture 1)

Remove the worm gear cover and grease the worm gear with a grade 2 mineral grease prior to and after each working cycle. (Picture 2)

Hydraulic Gear Motor

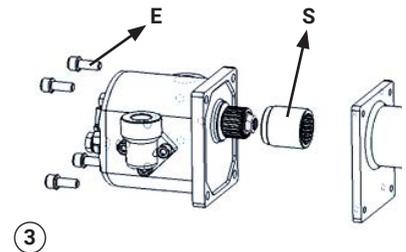
Periodically check the wear of the splined sleeve (S) joining the motor and the transmission shaft by removing the bolts (E) on the motor flange. Replace the splined sleeve in case the inner sleeve grooves are worn. Spread some grease inside the sleeve before repositioning it. Reassemble in reverse order. (Picture 3)



Greasing nipple



Remove the cover, and grease the worm gear



Hydraulic Gear Motor

3.2 Maintenance - continued

Off-season storage

When it is time to store the Snow Blower the following steps are recommended:

1. Fully clean the Snow Blower.
2. Remove any loose paint and repaint any damaged areas.
3. Spray the Snow Blower with protective mineral oil.
4. Make sure all grease points are full.

Conditions

**Honest
Machines**

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 faults or defects in the machine within the warranty period, Egholm will carry out the necessary repairs without charge for materials and working hours in accordance with the terms and conditions listed below.

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 warranty.
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. This warranty is valid for persons who have legally acquired the machine within the warranty period.
6. In the event of failure to perform and substantiate service in accordance with the applicable instructions, Egholm reserves the right to reject any claim made within the warranty period.
7. Egholm reserves the right to make improvements and design-related alterations to the machine without being obliged to modify previously delivered models in relation hereto.

The warranty does not therefore cover

- Wear and tear, accidents, damage to the equipment caused by operating errors, negligence, changes to the construction of the machine or use of non-Egholm spare parts or attachments.
- Machines with illegible serial numbers.
- Damage caused by force majeure such as lightning, flood, fire, war, civil disturbance, incorrect or insufficient maintenance or other causes over which Egholm has no control.

Conditions

4.2 Complaints

All inquiries regarding the machine should be made at 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.

We wish you many years of safe and satisfactory use of your machine.

Best regards,
Egholm A/S

4.3 Disposal

When, many years from now, your Snow Blower has reached the end of its working life, it should be disposed in a responsible manner that conforms with relevant disposal regulations.

1. Used hydraulic oil is to be disposed of at an approved waste disposal facility or site.
2. Used electrical equipment is to be sorted is such and disposed in accordance with local legislations.
3. Remove the plastic and rubber parts and dispose of them in accordance with the applicable environmental legislation.
4. After the aforementioned parts have been removed, the machine is ready to be handed over to a local approved scrap merchants.

Notes

Honest Work.

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