

Operator's manual



**Rear Tipper
Park Ranger 2150**

Introduction

Dear Customer

Congratulations on the purchase of your Egholm product. The Park Ranger 2150 rear tipper offers a very flexible way of maintaining outdoor areas.

Optimal use of your Park Ranger 2150 Rear Tipper

To ensure optimal performance of your Park Ranger 2150 Rear Tipper, 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 Park Ranger 2150 Rear Tipper is equipped with various devices to ensure optimal operational safety both for the user and their surroundings. We therefore ask you to pay particular attention to Safety section 1.1. The machine must only be driven by professionals in possession of driving license type B.

The Park Ranger 2150 Rear Tipper 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 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, see figure 1. 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 shows what you should pay special attention to.



Reservations

As it is 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 omissions in the operator's manual.

Contact us

Should you have questions of any kind regarding your Egholm product, do not hesitate to contact Egholm.

Best Regards

Egholm A/S

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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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General information

The rear tipper is specially developed for the Egholm Park Ranger 2150. It has a load capacity of 300 kg, and is suitable for the transportation of park and garden waste.

The rear tipper is flexible as the upper section of each side can be removed, and both sides and the tailgate can be turned down fully.

It can be emptied by means of hydraulic tipping, and can be assembled and disassembled in under 4 minutes without the use of tools.

The rear tipper has a strong steel chassis and removable aluminium sides and tailgate.

Useful tips

The rear fittings make it possible to lower the tailgate and extend the tipper to transport planks, garden tools, etc.

Wipe down the quick-release couplings before mounting, to protect the hydraulic system.

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

General information

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General information

1.1 Safety

Assembly

Ensure that the bonnet lock in front of the engine cover is closed and locked for assembling the Rear Tipper. (Picture 1)

Ensure that the attachment is correctly mounted and the locking lever can be turned to the fixed position. (Picture 2)



Avoid staying too close to the Rear Tipper

Make sure people keep well away from the machine when it is in use.



Note

As it is articulated, the rear end of the machine swings out when turning. Avoid coming too close to the machine, as there is a risk of trapping. (Picture 3)



Risk of trapping fingers and feet

Make sure that fingers and feet are not trapped when the rear tipper is lowered.



Avoid overturning accidents

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



Reduction of noise and energy consumption

It is recommended that you do not drive at higher engine speeds than necessary to reduce noise and energy consumption.



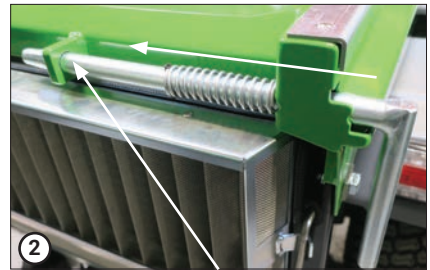
Make sure the surfaces is kept horizontal and even during emptying. Make sure the machine is not turned during emptying.



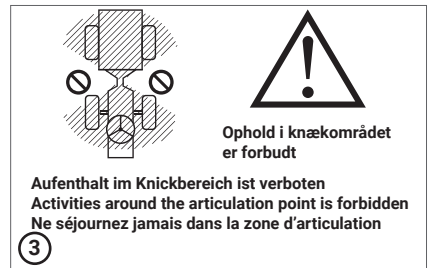
Disassemble the Rear Tipper on a horizontal, level and firm surface to ensure that it does not tip over.



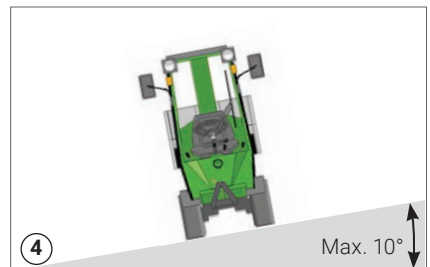
The bonnet lock must be fastened



Locked position



Prevent people from standing in the working area



Do not drive on slopes above 10°

General information

1.2 EC Declaration of Conformity

Manufacturer: **Egholm A/S**
Address: **Transportvej 27 · DK-7620 Lemvig**
Telephone: **+45 97 81 12 05**

hereby declares that

Machine: **Rear Tipper**
Type: **ST2150**


has been manufactured in conformity with the provisions of Regulation (EU) 167/2013 and Directive 2006/42/EC.

Any alteration, rebuilding or addition of implements, accessories or other equipment not manufactured by Egholm automatically results in the cancellation of type approval, EC approval, any other approval, as well as any warranty on machine and attachments.

Unless otherwise agreed in writing between the operator, customer and Egholm, Egholm is the "data originator" of all data generated by the machine and attachments during use.

The Egholm 2100 equipment with Driver's Cabin FH 2100 (ROPS approved) is tested at the Bygholm Research Centre and approved in accordance with Directive 86/298/EEA on rear mounted roll-over protection structures of narrow-track wheeled agricultural and forestry tractors.

Person authorized to compile the technical documentation:
Rainer Flanz
Egholm A/S
Transportvej 27 · DK-7620 Lemvig

Place: Lemvig
Date: _____
Signature: 
Rainer Flanz, R&D Manager

General information

1.3 Technical data

Dimensions	Attached	Storage dimensions
Length (L).....	2,440 mm.....	1,100 mm
Width (W).....	1,010 mm.....	930 mm
Height without housing (H).....	1,320 mm.....	1,040 mm
Height with housing.....	1,935 mm	

Loading dimensions	Internal
Length.....	1,040 mm
Width.....	850 mm
Height.....	600 mm

Technical data

Type	ST
Own weight.....	100 kg
Loading Capacity	300 kg
Capacity	0.4 m ³

Note

Specifications may be changed without prior notice



Side view



Front view

Operator's manual

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2.1 Assembly and disassembly

Assembly

1. Push the rear tipper to position it above the engine cover. (Picture 1)
2. Lower the rear tipper onto the engine cover. (Picture 2)
3. Push the Rear Tipper all the way forward.
4. Make sure that the locking lever can be turned to the locked position. Pull the tipper to ensure it is locked. (Picture 3)
5. Mount the two hydraulic hoses on the C-connectors on the left hand side of the machine. (Picture 4)



Important

Take care not to trap your fingers when assembling the rear tipper.

Disassembly

Follow the procedure for assembly in reverse order.



Important

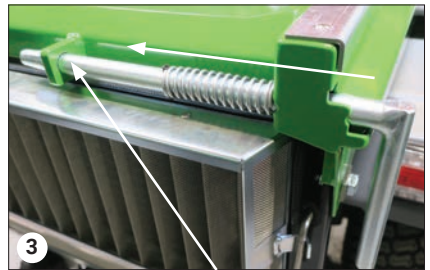
Ensure that all hydraulic hoses are dismantled and do not get caught up in anything when the rear tipper is disassembled.



Push the rear tipper to position it above the engine cover



Lower the rear tipper onto the engine cover



Locked position



C-connector

Operator's manual

2.2 Sides and tailgate

The tailgate

The tailgate can be fully lowered. This is done by turning the levers on the side of the tailgate. (Picture 1)

The tailgate can be locked in the horizontal position, to enable planks and garden tools, etc. to be transported on the tipper. (Picture 3) This is done by turning the support arm underneath the Tipper outwards, so that the rubber pad is driven down onto the support arm. (Picture 2)

The tailgate can be fully removed. (Picture 5)

The sides

The sides have 2 sections.

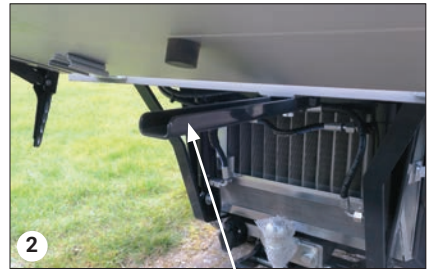
The upper section can be removed. This is done by raising the side vertically. (Picture 4) When the sides need to be put back, they should be lowered vertically onto the leader pins, so that they are driven into the hole on the lower section of the sides.

The lower side section can be lowered fully by turning the levers on the side to open.

The lower side section can also be removed fully.



Tailgate and sides can be turned down fully



The tailgate is lockable - Support arm



Tailgate in horizontal position



The upper section can be removed separately



Tailgate and sides can be fully removed

Service and Maintenance

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Service and Maintenance

3.1 Start-up

Start the machine. (See the operator's manual for the basic machine, section 2.2)



Warning

Make sure people keep well away from the machine when it is in operation.



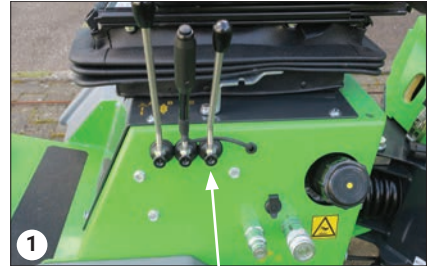
Note

When it turns, the back end swings out, so there is a risk of trapping and collision.



Note

It is recommended that you do not drive at greater engine speeds (use more petrol) than necessary, to reduce noise and energy consumption.



Lever C



Tipped position

3.2 Tipping

Emptying the Rear Tipper

1. Push lever C up into pos. 1, and the tipper starts tipping



Note

Risk of trapping fingers when the rear tipper is emptied.

2. Release lever C when the tipper is fully tipped.

3. Lower the tipper by pushing down lever C to pos. 2.

4. Close the tailgate.

Service and Maintenance

3.3 Cleaning

Daily cleaning and maintenance will extend the lifetime of both the machine and the attachment. After use clean the rear tipper with clean water.

3.4 Maintenance

It is recommended that any loose paint is removed and re-painted regularly.

Conditions

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4.1 Warranty

The warranty period of this Park Ranger 2150 is valid from the date of purchase and mandatory filled out Start-up Warranty form. For more information, take contact to the Regional Sales Manager of Egholm.

In case of errors or defects on the machine within the warranty period, the ccs system should be used to report the issues. Egholm will analyze and look into each situation. If instructions are correctly followed and misuse, incorrect or improper use is not the case, 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 distributor from whom 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 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 attachments.
- 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 Division has no control.

Conditions

4.2 Complaints

All inquiries regarding the machine should be made at the distributor from whom the machine was purchased, after which the complaint procedure applies. This applies to inquiries concerning normal use, service, maintenance and spare parts as well as 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 Park Ranger 2150 Rear Tipper has reached the end of its working life, it should be disposed of in a responsible manner that conforms to relevant disposal regulations.

1. Used hydraulic oil, engine oil, diesel oil, coolant and AC coolant are to be delivered to the municipality's reception point for oil and chemical waste.
2. Remove the plastic and rubber parts and dispose of them in accordance with the applicable environmental legislation.
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

Honest Work.

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