



epur
User's Manual

Mobility Trolley
for OAKBOT EOX-110

Original Manual



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Introduction

Thank you for purchasing the OAKBOT mobility trolley.

The mobility trolley is intended exclusively for transporting and handling the Oakbot. It is part of the OAKBOT EOX-110 accessories range manufactured by EPUR.

In order to ensure use in optimum conditions, get the best results possible and be familiar with safety measures, **please familiarize yourself with this manual from A to Z.**

Epur shall not be held responsible for any ancillary damage caused by use of the trolley or by the impossibility of using it (e.g. loss of profits, business disruption, equipment damaged while lifting the OAKBOT).

Epur shall not be held responsible for any damage caused by an operator who does not comply with instructions.

Epur shall not be held responsible for any damage resulting from use of the trolley in combination with other objects that have not been approved by Epur.



/!\ CAUTION /!

Read this manual in its entirety before using the equipment.

After-Sales Service

By e-mail at the following address:

support@epur.io

By surface mail at the following address:

EPUR SAS

Hameau de Caillens - 11140 - Rodome - France

Or by telephone at: **+33(0)4 68 31 29 11**

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General conditions of use and important warnings



/!\ CAUTION /!\

Respecting the following precautions is essential. Failure to comply with this may result in irreversible material damage to the product and/or its environment and cause serious bodily injury. These precautions are not exhaustive and in no way substitute the elementary rules of safety concerning an item of professional equipment intended solely for transporting and handling the OAKBOT.

- For your own safety, wearing personal protective equipment is mandatory. This includes gloves, protective eyewear and safety footwear. Wear suitable clothing when using the trolley.
- Do not use the mobility trolley to move anything other than the OAKBOT. It has been designed and certified SOLELY in association with the OAKBOT and for exclusive use with the OAKBOT. Its load capacity is exclusively dedicated to the OAKBOT load.
- The trolley is neither designed nor manufactured to move people and **must never be used for this purpose.**
- Do not hang anything on the trolley except for the OAKBOT via the suspension hook; keep it clean and **regularly remove all deposits** and other waste resulting from the OAKBOT milling process.
- Using any other object or tool with the OAKBOT trolley shall release the EPUR Company from any liability in the event of damage or harm to people or property.
- It is prohibited to disassemble and/or modify your mobility trolley. Any part that has been disassembled or modified will no longer be covered by the manufacturer's warranty, except where the latter expressly agrees to such.
- Ambient operating temperature is $< 45^{\circ}\text{C}$.



Item supplied

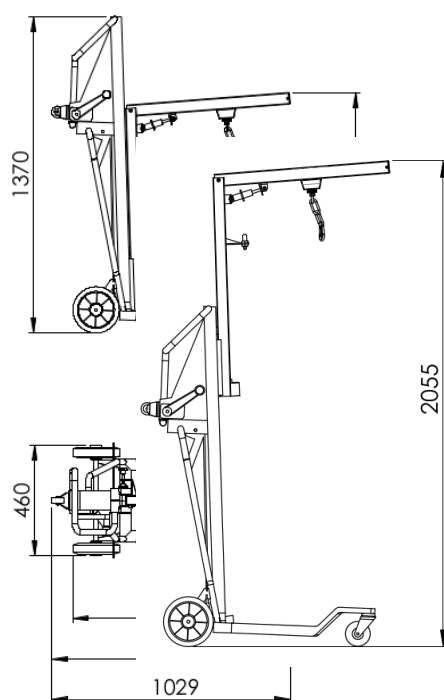
Mobility Trolley



Technical specifications

Overall dimensions

- Minimum height: 137 cm
- Maximum height: 200.5 cm
- Maximum length: 102.9 cm
- Maximum width: 65.7 cm



Mass

- Mass : 40 kg



General Recommendations

General

Your OAKBOT MOBILITY TROLLEY is designed exclusively to transport and handle the OAKBOT. It is part of the OAKBOT accessory range. It makes it easier to move the Oakbot and in particular position it on its clamping support or for various transporting operations. For your own safety, it is essential to respect the following handling stages, and this will also ensure that the system functions properly.

Handling

- For your own safety, wearing safety footwear is mandatory when handling your robot with the mobility trolley. If the robot falls while being handled, this may result in serious injury to the operator.
- Before installing the trolley, avoid placing the Oakbot on the ground, so as not to have to lift it into the suspension position. The trolley enables you to place your machine at the correct handling height at any time.

Environment

In order to work in conditions of complete safety, your working environment must be adapted to using your OAKBOT mobility trolley.

Your mobility trolley is designed to be moved with or without the OAKBOT load:

- Ensure that the work zone and the area where movement is to be made are safe and free of any obstacles; ensure that your field of vision is completely unrestricted and that you can follow the manoeuvre in complete freedom.
- Before moving the trolley with the OAKBOT load, warn anyone in the vicinity. Failure to comply with these instructions could result in serious injury.
- Move carefully once the OAKBOT is loaded, especially when negotiating bends, on slopes and hard, flat and smooth floors such as concrete.
- Once the Oakbot is loaded, it must be moved on a maximum slope of <3%. Check that the floor in the work zone is uncluttered and safe.
- When moving has been completed, it is essential to apply the locking brake to prevent the trolley from rotating or tipping over.



Test Conditions

So as to use your OAKBOT mobility trolley in conditions of safety, respect the following rules for use:

- Do not use the mobility trolley for moving anything but the OAKBOT.
- Check that the Oakbot is properly secured to the suspension hook.
- Do not leave the Oakbot unattended when suspended.
- Avoid balancing the OAKBOT, keep it in a vertical alignment to avoid excessive force being exerted on the trolley which might consequently tip over.
- Never pass under the OAKBOT when suspended.
- Never leave your feet under the OAKBOT when suspended.
- Never move the OAKBOT over people in its suspended position.
- When operating the OAKBOT for milling, be sure to apply the locking brake to prevent the trolley from rotating or tipping over.

/!\ CAUTION /!

Whether the units are being moved or during milling processes, the operator shall assume full responsibility for positioning the mobility trolley and the OAKBOT on the trolley. In the event of the device tipping over, falling or colliding during the handling of the trolley, with or without the OAKBOT, or during milling processes with the Oakbot, the EPUR SAS Company shall not be held liable in any way whatsoever.

Instructions

#1 - Aim

Your trolley makes it possible to transport the Oakbot to the item of wood to be cut without having to carry the machine. It also facilitates handling the OAKBOT when placing it in the clamping system.



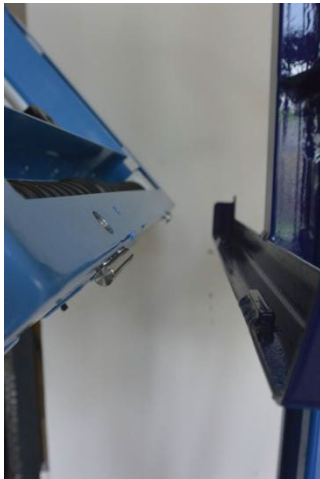
#2 – Operating Instructions

Hooking Points

- The trolley has a suspension snap hook for securing to the OAKBOT's suspension hook. Check that the quick links are properly tightened and that the snap hook is correctly closed before handling.



- The trolley has a reception base for the OAKBOT which makes it possible to maintain the OAKBOT in a fixed (non-suspended) position on the trolley. To fix the OAKBOT to the trolley using this device, firstly position the bottom of the OAKBOT in the reception base then rotate the OAKBOT until the holding mechanism snaps into place in the dedicated hole situated on the OAKBOT suspension hook.





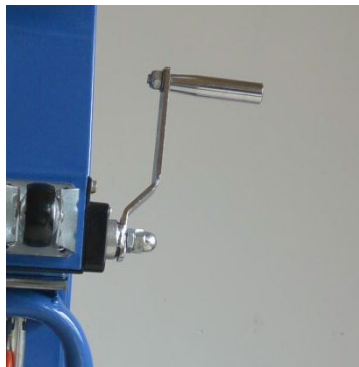
Devices which assist handling

!/ CAUTION !/

When handling and moving the trolley, check that the OAKBOT is always in a fixed position on the trolley to prevent balancing and any risk of tipping over.

The trolley's lift arm makes it easy to handle the OAKBOT:

- The height may be adjusted using the crank handle at the back of the trolley. To raise, turn the handle clockwise. Up and down speeds may be controlled via the handle's rotation speed.



- There is a device enabling the height to be blocked on the side of the trolley. To block, screw the system until it butts up against the trolley's upright.

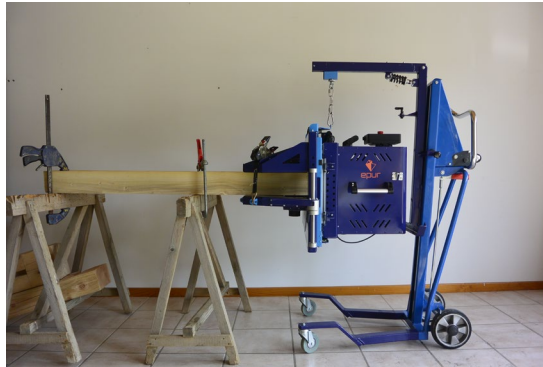


- The damped spring system makes it possible to carry out precision, effortless manual positioning of the OAKBOT. It has vertical travel of +/- 15cm.

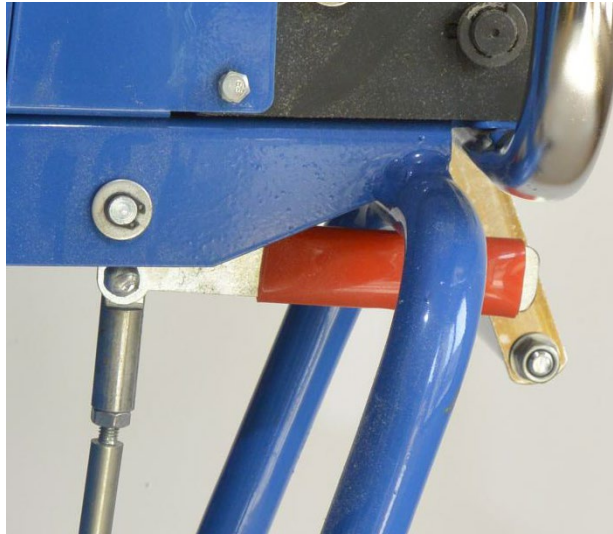




- The sliding carriage on the lift arm also facilitates OAKBOT handling. A knurled nut makes it possible to lock the trolley's position on the arm. The sliding carriage must be positioned at the base of the arm to fix the OAKBOT to the trolley or at the end of the arm when milling with the OAKBOT.



- A rear-wheel locking brake on the trolley may be actuated manually.



#3 - Maintenance

- Clear all deposits and other waste produced during OAKBOT milling operations.
- When needed, lubricate the slide passages of the various sliding carriages.
- Carrying out regular maintenance and quickly replacing worn parts will extend your trolley's service life.
- Repairs and maintenance must be carried out by qualified professionals.



Manufacturer's Information Folder


Company Name

EPUR SAS
Hameau de Caillens
11140 RODOME
TEL: +33 (0)4 68 31 29 11

Designation

Type: Mobility Trolley for OAKBOT EOX-110
Serial number: 180008-C
Year of manufacture: 2018
Year commissioned: 2018
Function: Trolley for transporting and moving the Oakbot.

Nameplate

<p>CHARIOT DE MOBILITÉ POUR OAKBOT</p> <p>Modèle : CM-EOX-110 N° Série : 18000X-C Année: 2018 Capacité : 60 kg</p> <p>Fabriqu� en France par  epur</p>	<p>MOBILITY TROLLEY FOR THE OAKBOT</p> <p>Model: CM-EOX-110 Serial number: 18000X-C Year: 2018 Capacity: 60 kg</p> <p>Made in France by epur</p>
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Nameplate description:

- Dimensions: 100 x 50 mm
- Material: Acrylate label
- Model/type of machine
- Serial number
- Year of manufacture



EC Declaration of Conformity

The undersigned manufacturer:

EPUR SAS
Hameau de Caillens 11140 Rodome

declares that the following product:

Model: Mobility Trolley for Epur Oakbot
Function: Trolley for transporting and moving the Oakbot

whose technical file was drawn up by Mr Pierre GIUSTI

is in conformity with:

- the regulatory provisions set out in European Directive 2006/42/CE.

Drawn up in Belcaire, 02 April 2019