

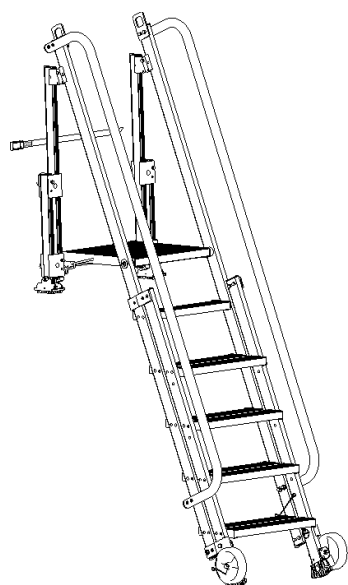
EXCAVATION LADDER

USER MANUAL

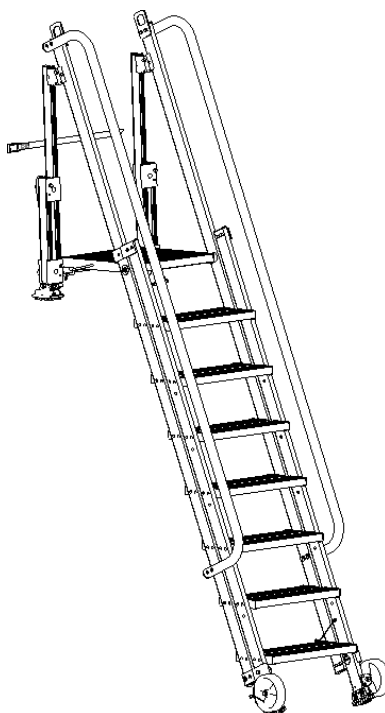


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02451 306







Excavation ladder 6+4 Steps


02451 308

Excavation ladder 8+7 Steps


02451 312

Excavation ladder 12+12 Steps

Reference						
02451306	3178740233648	6+4	21.2 Kg	1 m	1.95 m	0.62 m
02451308	3178740233655	8+7	25.2 Kg	1.47 m	2.88 m	0.62 m
024511312	3178740233662	12+12	32.6 Kg	2.39 m	4.73m	0.62 m

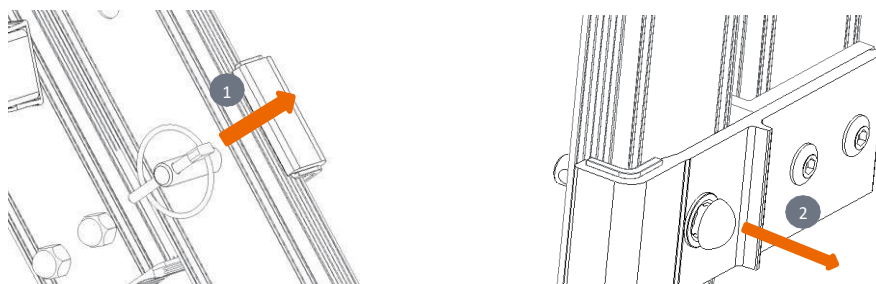
Warning

- Excavation ladders are products designed for professionals to access the bottom of excavations safely.
- Excavation ladders should not be used as a workstation.
- Carefully read all the instructions before starting assembly.
- Keep the instructions for future reference.
- Two people are required to set up the ladder.
- Setting up the ladder should be done by appropriately skilled people.
- Protective gloves are required when handling the ladder.
- The ladder can be moved on its two wheels or by being carried by two people.
- The lifting rings (yellow parts) can be used to suspend the product.



1 Adjusting the ladder to the excavation depth

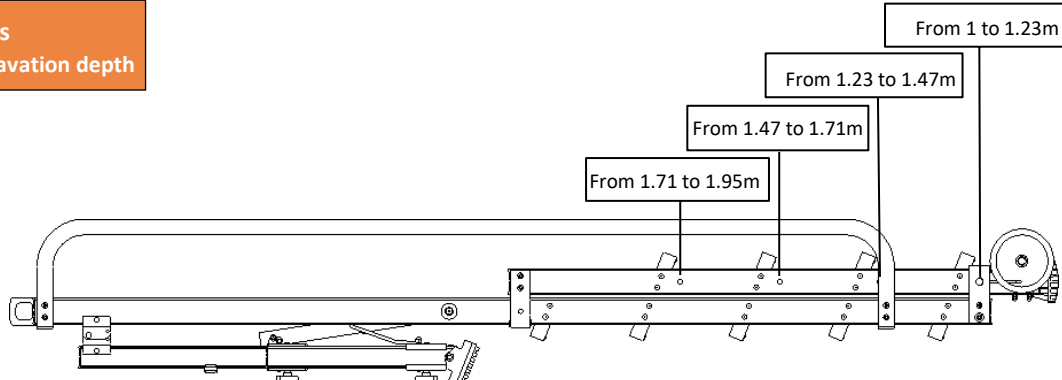
With the product laid flat, and the handrails facing upwards, unscrew the two sliders by removing the safety pin, **1** and then the locking pin. **2**



Pull down the lower part of the ladder (with the wheels) to adjust its length to the depth of the excavation and replace the locking pin and the safety split pin in the correct hole according to the diagrams below.

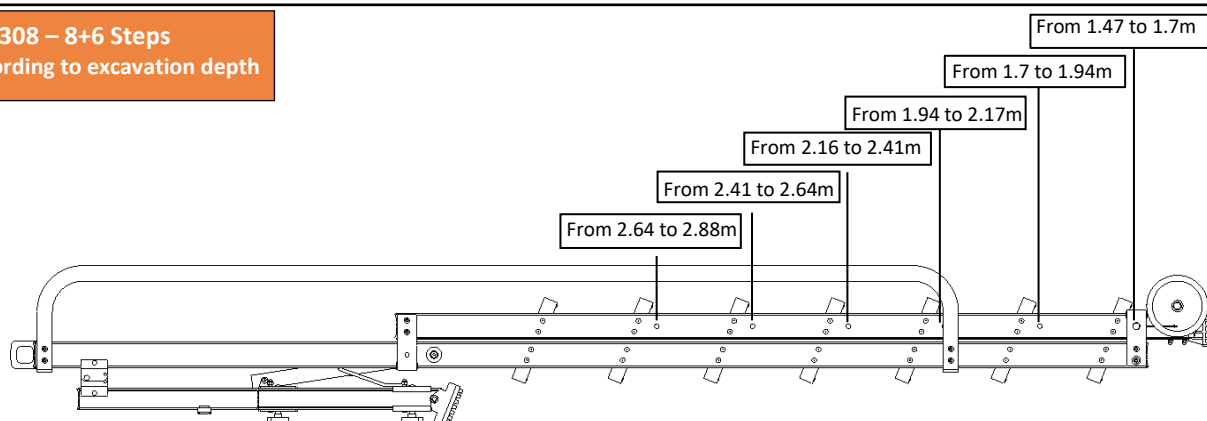
02451 306 – 6+4 Steps

Adjustment according to excavation depth



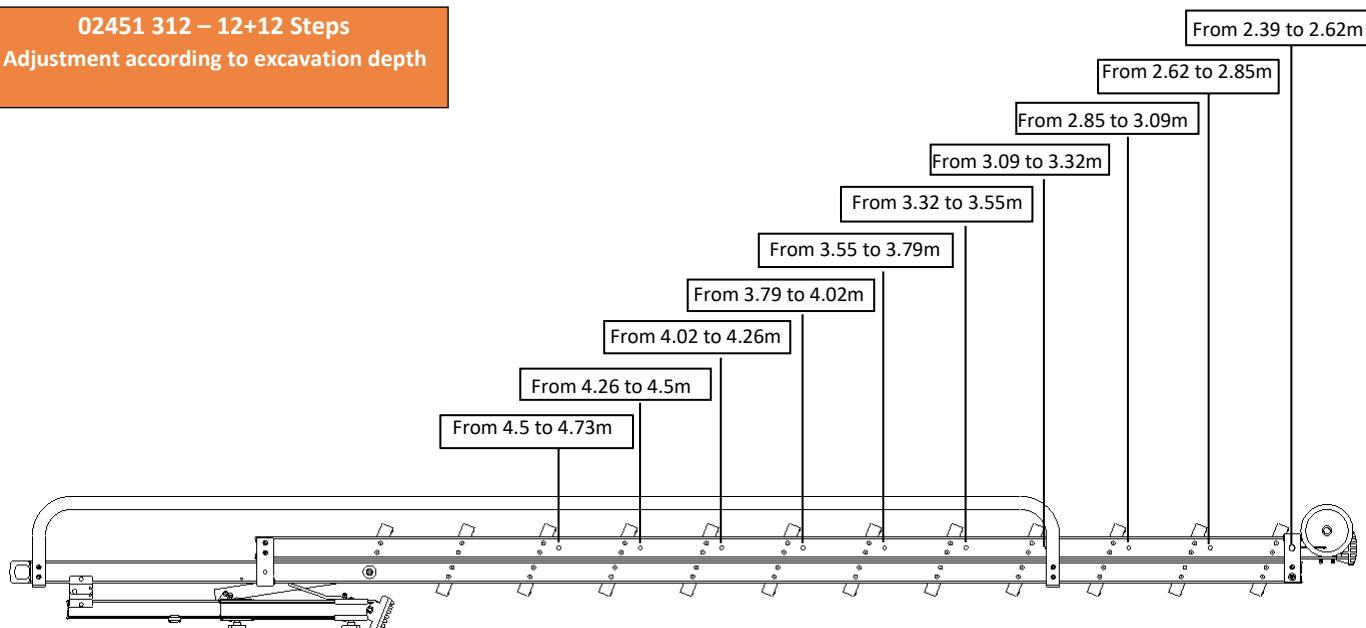
02451 308 – 8+6 Steps

Adjustment according to excavation depth



02451 312 – 12+12 Steps

Adjustment according to excavation depth



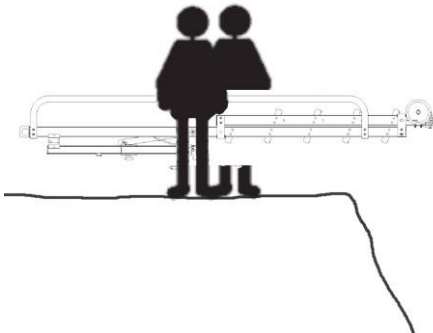


Setting up the ladder

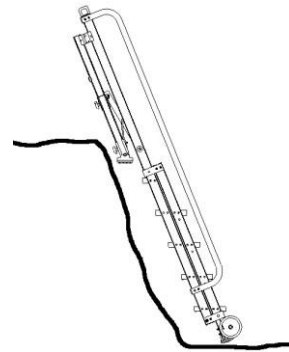
2

Setting up the ladder in the excavation

Using 2 people, carry the product to the edge of the excavation

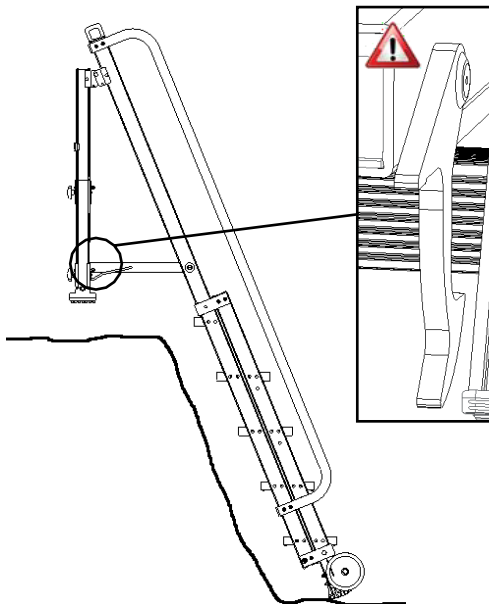


Lower the ladder until the shoes touch the bottom of the excavation

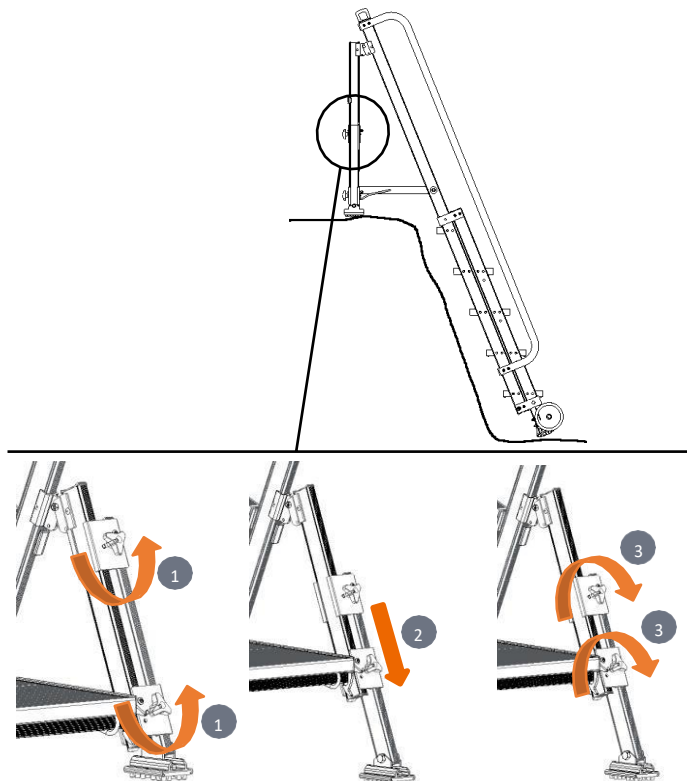


For the steps below, one person should hold the product steady whilst another person sets up the ladder and ensures that the platform is at the correct level.

Undo the platform retaining strap and open out the support struts. Check that the lock is correctly engaged.



Loosen the slider adjustment screws on the support struts ① so that the feet can be slid down until they are on the ground ② and the platform is level. Tighten up the slider adjustment screws. ③

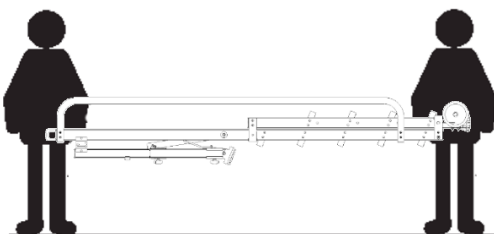


Follow the instructions in reverse order to fold up the product and remove it.

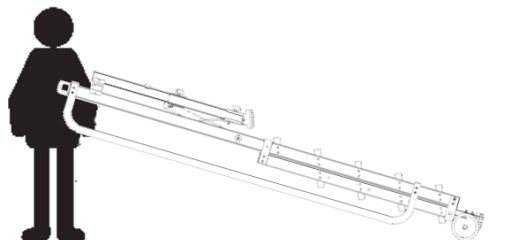
3

Moving the product

Carrying the product with two people



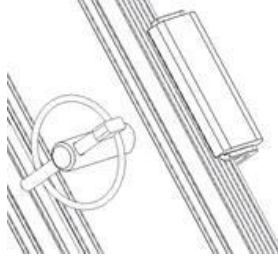
Using the transport wheels with one person





Directions for use:

- Check the following points before each use:
 - o The two slider locking pins, as well as the safety split pins, are correctly installed.



- o The feet and skates are in contact with the ground.
 - o The platform lock is correctly engaged.
 - o The slider adjustment screws on the support struts are correctly tightened.
 - o The platform should be horizontal.
- Before each use, visually check that the ladder is not damaged and is safe to use.
- Do not use a damaged ladder.
- Maximum total load: 150 kg
- Do not lean over the side of the ladder.
- Maximum number of users: 1
- Always face the ladder when climbing up or down.
- Keep a good grip on the ladder when climbing up or down. Have one hand on the ladder at all times; if this is not possible then take additional safety measures.
- Do not climb up or down the ladder when carrying equipment which is heavy or difficult to handle.
- Do not wear shoes which are not suitable for climbing ladders.
- Do not use the ladder if the user is not in a suitable physical condition to do so. It can be dangerous to use a ladder with some medical conditions or if taking medication, alcohol or drugs.
- Prevent the ladder from getting damaged by ensuring that it is attached, during transportation for example, and checking that it is correctly positioned.
- Check that the ladder is suited to the task.
- Do not use the ladder if it has mud, oil, snow, etc. on it.
- Do not use the ladder outside in bad weather.
- When positioning the ladder, assess the risk of collision with pedestrians, vehicles or any other obstacle.
- Identify potential electrical hazards in the working area, such as overhead power lines or any other exposed electrical installations, and do not use the ladder where there are electrical hazards.
- Do not use the ladder as a bridge.
- Do not modify the design of the ladder.
- Do not move the ladder whilst on it.
- The transport wheels should not be loaded when the ladder is in use.

Inspecting and using the ladder:

- Before using the ladder for the first time, thoroughly check the conformity of the product using the check sheet available on the website: www.tubesca-comabi.com.
- Visually check that the ladder is in good condition before each use, particularly the safety devices: check that the bolts are tightly screwed, the shoes are in place, and that the step connection components are in good condition and have the correct geometry. Also check that no component is damaged.
- As with any height-access equipment, check the product periodically according to the check sheet available on the website www.tubesca-comabi.com. (Checks should be carried out at least once a year, and can be adapted depending on how often the product is used.)

Repair and maintenance:

- Where parts need to be replaced, only use TUBESCA-COMABI parts. See the manufacturer after-sales service sheet which is available on the website: www.tubesca-comabi.com.
- Regularly check and clean the ladder using a non-aggressive, non-corrosive product. (Recommendation: soapy water).
- This product should be checked periodically using the check sheet available on the website: www.tubesca-comabi.com.