adaptakart™

Operational and maintenance manual

Suitable for: AK750

armorgard
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Welcome

Welcome to your Armorgard AdaptaKart AK750. The adaptable board trolley that can transport boards flat or in an upright position, featuring SafeStop - the auto-engaged brake. Please consult this manual for instructions on how to get the most from the unit.

Please read this operational and maintenance manual carefully prior to setting up the AdaptaKart.

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Safety information

- Before using the AdaptaKart, ensure any relevant risk assessments are carried out. Armorgard cannot be responsible for accidents that occur due to negligence.
- There are several possible finger trap locations, especially around the pivoting rack and extending handles. All personnel must be made aware to take care when using.
- The AdaptaKart is too heavy to be safely lifted by one person. Carry out a risk assessment before lifting or lowering the AdaptaKart to ensure there is no risk of injury.
- Ensure that the AdaptaKart is not damaged before using it.
- Improper dangerous activities performed using the AdaptaKart increases the risk of personal injury, please follow the stated instructions to prevent incidents.
- Use both hands when manoeuvring the AdaptaKart, taking extra care on slopes.
- The AdaptaKart has been tested and assigned a maximum weight loading of 750kg. Do not exceed this at any time.
- The load capacity is indicated on the product, however site conditions can restrict the amount of materials carried and be determined by a risk assessment before work starts.
- The product should not be moved with a crane.
- Use the ratchet straps and anchor points to secure loads.
- In case of the need to emergency stop, the handle should be released immediately and the trolley will come to a halt.
- When extending the handles, both sides should be the same length.

Whilst every effort has been made to ensure this operational and maintenance manual covers every aspect needed to operate your product safely, please take care whilst using the product and always operate with caution. Always liaise with management personnel on site for any additional operational restrictions that you need to be aware of.

Do	Don’t
✓ Adjust handles to fit size of boards	✕ Misuse the trolley
✓ Ensure table top is locked in position	✕ Overload the trolley
✓ Use the handle to manoeuvre	✕ Ignore the finger/hand trapping points
✓ Rotate the rack as appropriate	✕ Move without fully engaging latching hook

Product specification

Product code	Description	Weight (kg)	External Dimensions W x D x H (mm)
AK750	AdaptaKart	123	1990x740x1562

What’s included...

1x AdaptaKart AK750

Tools you'll need...

» Drill
(to fit wooden board kit)
(AK750-WBK only)

» PZ2 screw bit
(to fit wooden board kit)
(AK750-WBK only)

Getting to know your AdaptaKart™

The adaptable board trolley for transporting large sheets of material

SafeStop brake system

Forklift skids

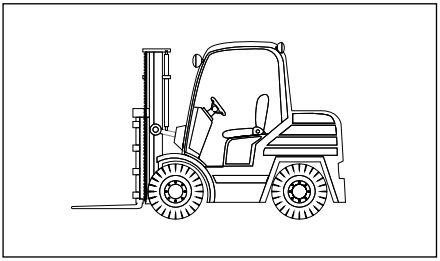
750kg

Working load limit

Lashing points

Suitable for use on site

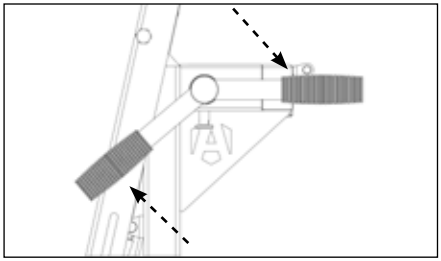
How to use



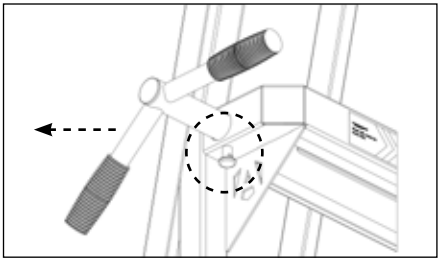
1. You may require a forklift or pallet truck when unloading your AdaptaKart.

2. It is important to check that the product is not damaged upon arrival and all parts are intact. Test that the unit is working correctly before loading.

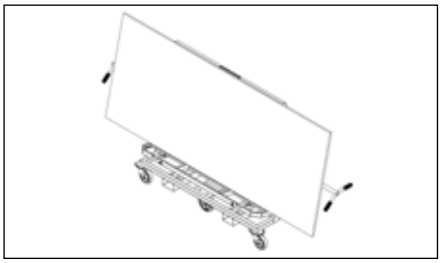
Using the AdaptaKart



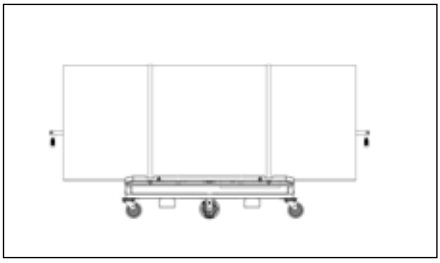
1. In order to release the auto-engaged brake, rotate the handle bars so each handle is at the same height. Freely push your AdaptaKart. When you release the grip or let go of the handles, it will spring back to its original position and brakes will be applied.



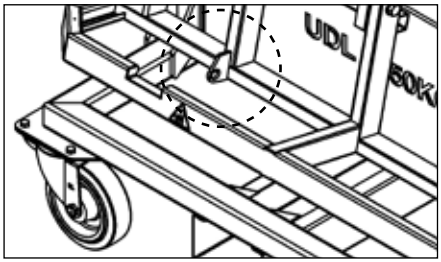
2. The handles can be adjusted to suit board length. Lift the pull plunger and pull handle until it clicks into another setting. Take care of potential finger traps. Both handles should be set to the same length on each side.



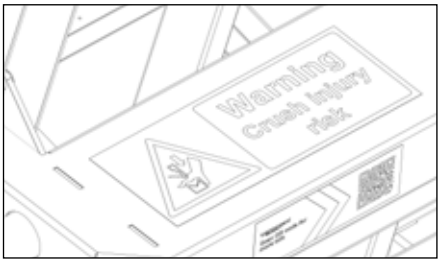
3. Carefully load material onto the AdaptaKart using the three adjustable arm settings for boards up to 1800mm, 2500mm and 3000mm. For boards with height up to 900mm, use the smaller, fold-down board arms.



4. Once loaded, strap the boards to the trolley using the two ratchet straps. Once straps are hooked in position, tighten until the straps are taut. Do not over tighten as this could damage the panels.

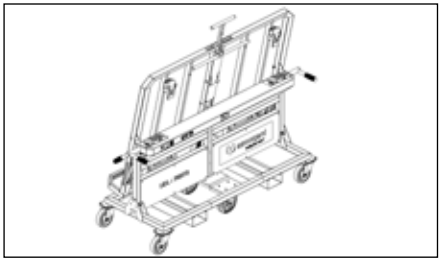


5. The anchor points are indicated in the diagram above. Do not exceed maximum ramp angle of 10 degrees.

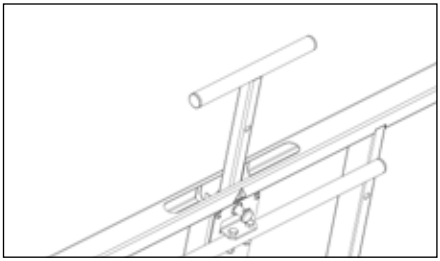


6. Warning - finger trap hazard. Always keep fingers clear when using the pivoting rack and adjusting handles.

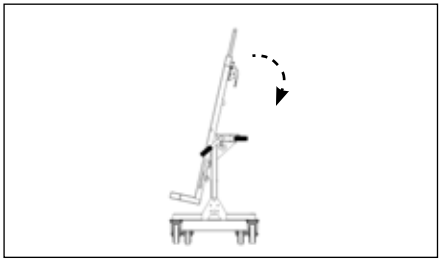
Using the pivoting rack



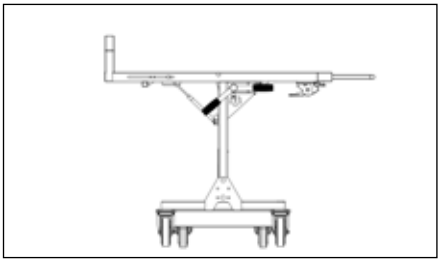
1. To adjust the orientation of the rack from vertical to horizontal, firstly lift the plunger and fully extend the handle upwards at the top of the unit.



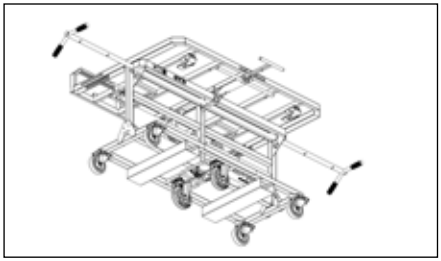
2. Carefully lift the red handle using two hands. Be aware that the table may start to rotate towards you.



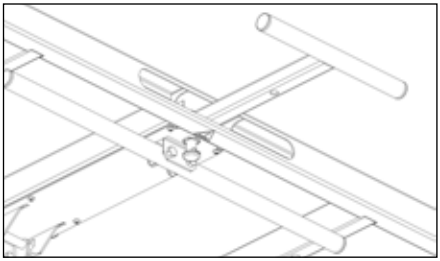
3. With both hands, carefully pull the handle down until the table top is horizontal. You should hear a click when the hook engages.



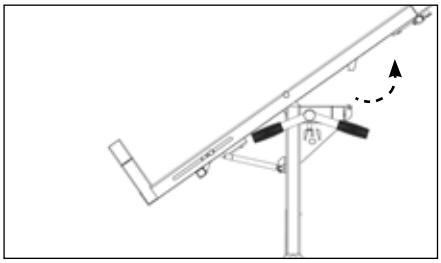
4. Lift the plunger and return the handle into the frame, taking extra care of the potential finger traps. Visually check the latch is fully hooked.



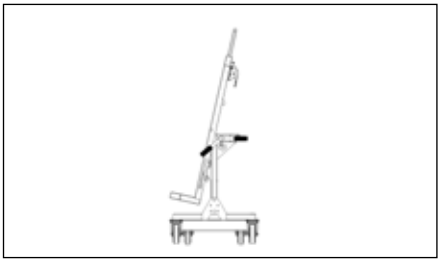
5. To adjust the orientation of the rack from horizontal to vertical, lift the plunger and extend the handle upwards at the top of the unit.



6. Carefully lift the red handle using two hands. Be aware that the table may start to lift.



7. Place one foot on the base frame and carefully push the handle up. You should hear a click when the hook engages. Ensure you visually check that the latch is fully hooked.



8. Lift the plunger and return the handle into the frame, taking extra care of the potential finger traps.

Take your AdaptaKart™ to the next level with these optional extras

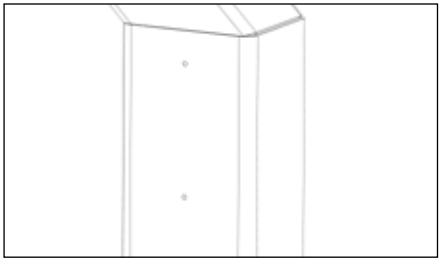
Contact the Armorgard team to find out more about the optional extras for your product.

AdaptaKart wooden board kit (AK750-WBK)

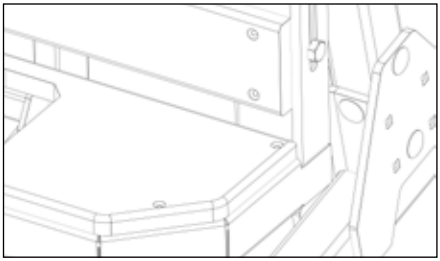
To further protect materials and finishings

46x screws (AK750-WBK only)

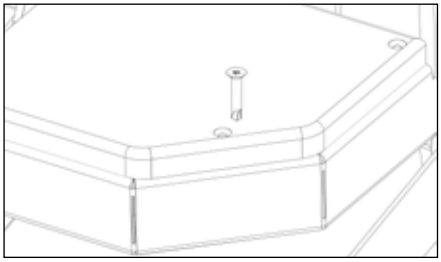
Fitting the wooden board kit



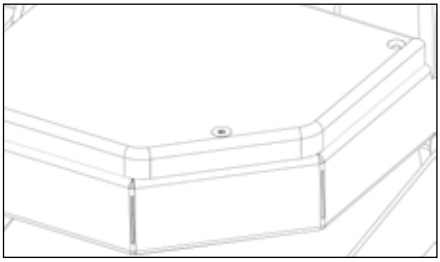
1. To fit the AdaptaKart wooden board kit, firstly locate the pilot holes on the unit.



2. Line the appropriate board against the unit. Ensure the chamfered edge is pointing up.

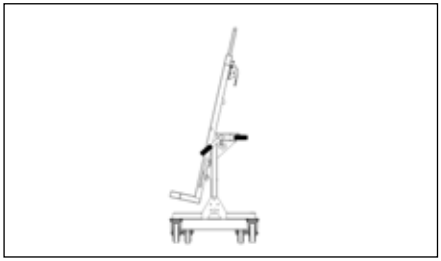


3. Use the screws provided and drill to fix the wooden boards down to the unit.

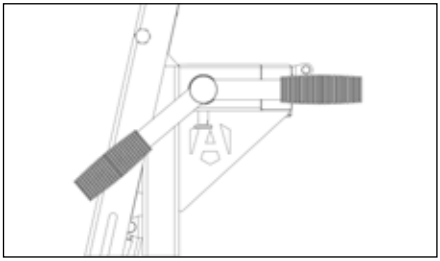


4. Ensure the screws are tight and all boards are fully fitted before loading the trolley with materials.

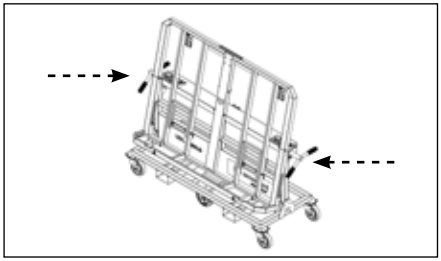
Storing the unit



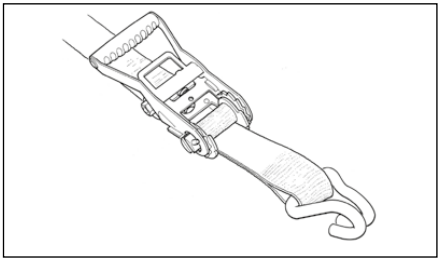
1. Save space when storing the unit by leaving it in the upright position.



2. Ensure that nothing is leaning against the handle that may deactivate the brake when storing.



3. When storing, the arms of the unit must be set to their shortest length so they do not pose as trip hazards.

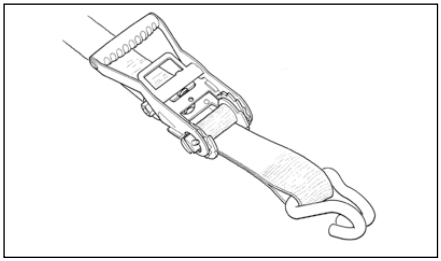


4. Always ensure that when storing, any materials are secured with straps.

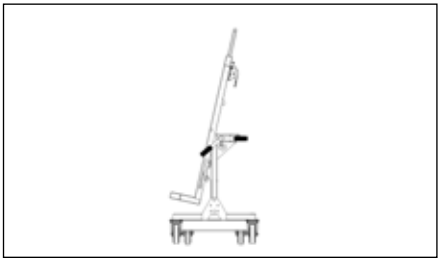
Transporting the unit

The AdaptaKart has been designed to make transporting the product easy.

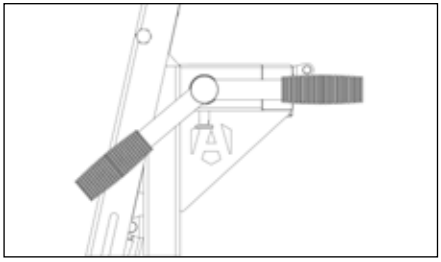
The SafeStop auto-engaged braking system means that the unit remains static as long as the handles are not being used.



1. Always ensure that during transport, the product is secured to the carrier using straps or other appropriate measures.



2. To save space, adjust the trolley to be in the upright position with arms set to their shortest length.



3. Ensure that nothing is leaning against the handle that may deactivate the brake when transporting.

Equipment care

The AdaptaKart is weather resistant and constructed with a durable powder coated finish, so it is suitable for outdoor use, however it does not mean it is waterproof. It is important to note that any boards and materials susceptible to water damage should be sealed/ covered.

Always ensure that the product data plate remains visible and in good condition, especially the unique serial number.

Ongoing maintenance

It is important to check that the AdaptaKart is not damaged before every use.

We recommend for you to check the castors, handles, pivoting rack and bolts every three months, to ensure that the AdaptaKart can operate fully. If the AdaptaKart will be under rigorous use, we recommend integrity checking regularly.

Warranty

Armorgard products are built to last, and all have a manufacturer's warranty of 12 months - please refer to the terms and conditions for what this covers.

Spare parts

»

Castors

»

Index plunger

»

Ratchet strap

»

For additional support and easy access to spare or replacement parts, register your product following the QR code:

Find us on social media:

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