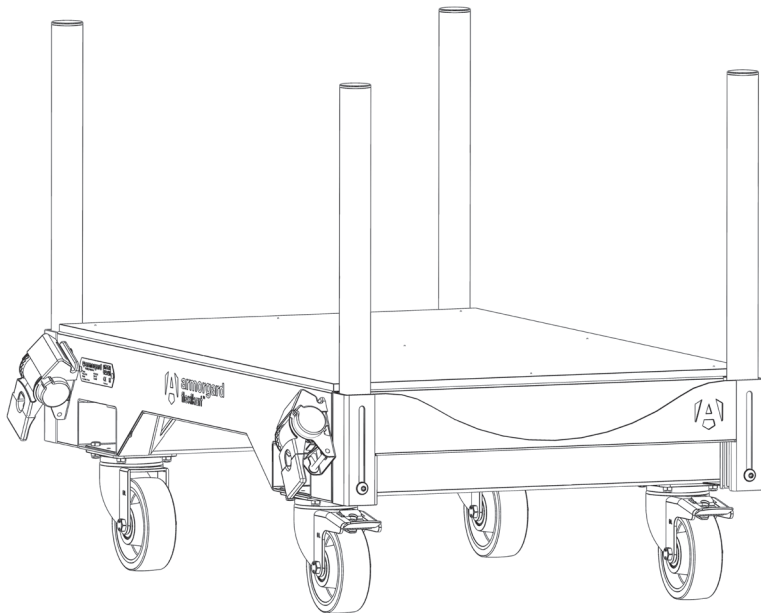




# flexikart™

## Operational & maintenance manual

Suitable for: FK2, FK2-PRO





# Welcome

Welcome to the Armorgard FlexiKart. A safe, multi-purpose folding pallet skate, ideal for moving materials around busy construction sites and storing them off the ground. Please consult this manual for instructions on how to get the most from it.

**Please read this user manual carefully prior to using your FlexiKart.**

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# Safety information

- » Before using the FlexiKart, ensure any relevant risk assessments are carried out. Armorgard cannot be responsible for accidents that occur due to negligence.
- » Multiple people may be required to move the FlexiKart depending on the load and the conditions.
- » Ensure a risk assessment is carried out before each use, including carrying out a path-walk-through before using the equipment. Assess the terrain for potholes, man-hole covers, slopes, blind bends or anything else that would affect the movement of the equipment from journey to destination.
- » The FlexiKart should be safely braked while being loaded and positioned on a flat, even surface.
- » Any loads on the FlexiKart must be secured before it is transported. Lashing points are provided on each corner for this.
- » The load should be distributed evenly on the body of the FlexiKart.
- » Always take care when using the FlexiKart as there is a risk of trapping fingers or skin while in use.
- » Do not use the lashing points for lifting the FlexiKart and only use the forklift pockets.
- » Always consider the stability of the load sat on the trolley and ensure it is not top-heavy. Ensure the equipment will not be tilting beyond the centre of mass when loaded and become unstable.
- » Only move the trolley with a weight capacity that is suitable for the user, and as well is suitable for the terrain as per walking-route risk assessment. It is recommended to de-rate the unit capacity as required and reduce the load carried based on safety risk assessment, or determine number of people required to operate the equipment.
- » Consider wind and rain conditions before moving the equipment.

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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.

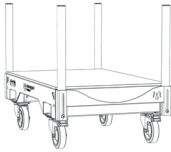
Do	Don't
✓ Carry out risk assessments before use	✗ Overload the FlexiKart
✓ Use brake when unloading and in position	✗ Use with an unsecured load
✓ Secure loads before transporting	✗ Exceed load capacity
✓ Evenly distribute loads	✗ Leave castors unlocked

## Product specification

Product code	Description	Weight (kg)	External dimensions W x D x H (mm)	Internal folded dimensions W x D x H (mm)	Load capacity (kg)
FK2	750kg FlexiKart	62	1257 x 743 x 884	1136 x 634 x 389	750
FK2-PRO	2 tonne FlexiKart	70	1257 x 812 x 884	1136 x 634 x 389	2000



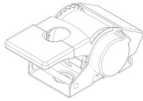
## What's included...



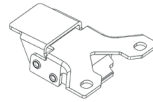
1x FlexiKart



1x heavy-duty  
castor kit



2x retractable ratchet  
straps (FK2-PRO)



2x directional lock fitting  
(FK2)

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## Tools you'll need...

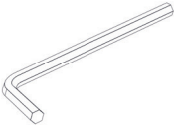


Ratchet



13mm socket

17mm socket  
(for attaching  
ratchet straps)

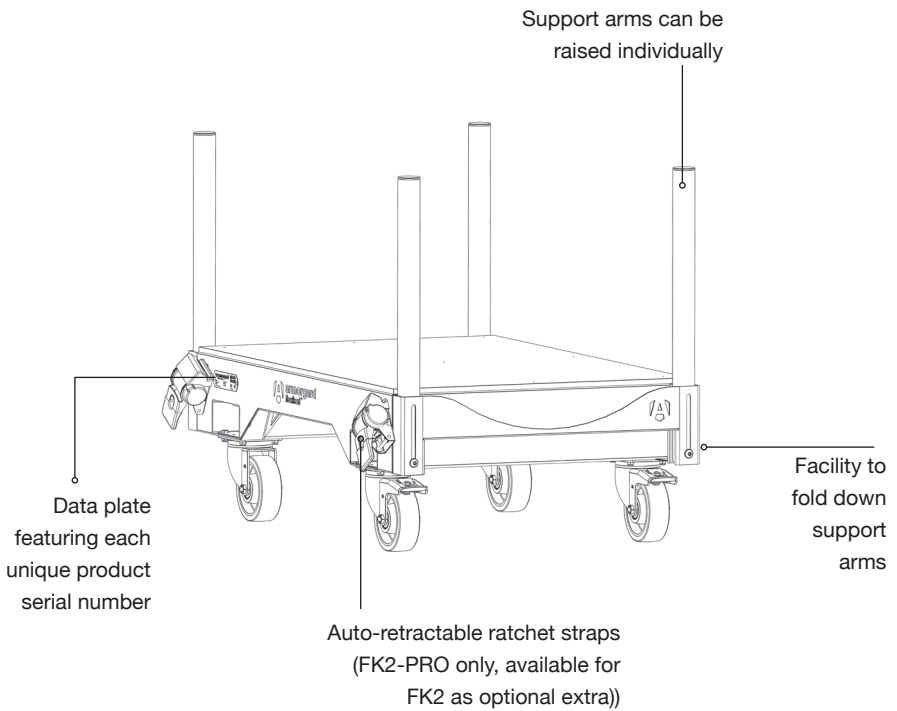


6mm allen key  
(for attaching  
ratchet straps)



# Getting to know your FlexiKart™

A multi-purpose, space-saving, sturdy and ergonomically friendly unit.



Forklift skids



Castors



Working load limit (FK2)



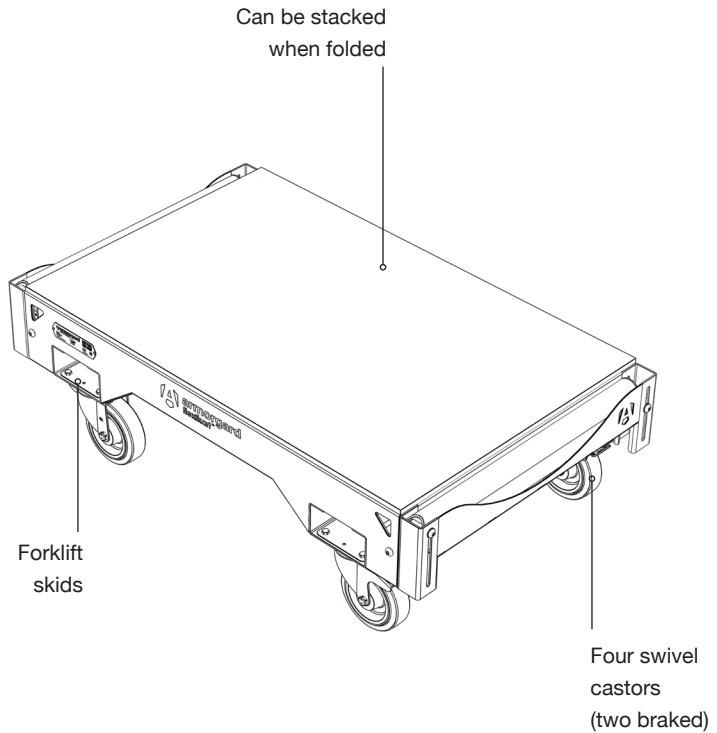
Working load limit (FK2-PRO)



Collapsible



>> Watch the FlexiKart familiarisation video



No detachable parts



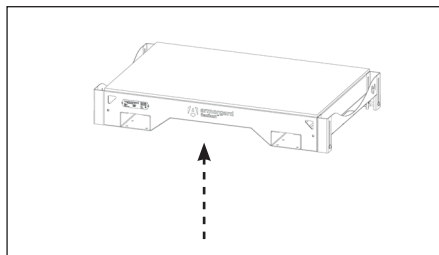
Suitable for use on-site



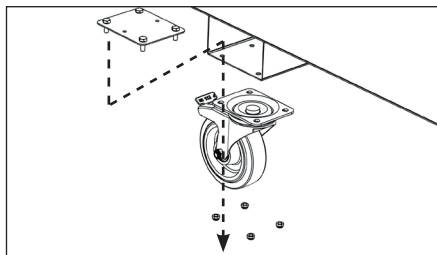
Stackable



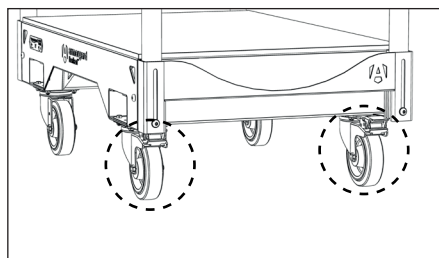
## Fitting the castors



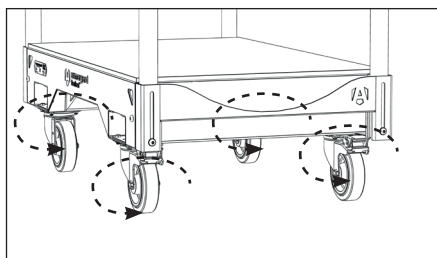
- 1.** You will need to fit castors onto the FlexiKart. Firstly, raise the box onto a stable platform or turn the product over so that the forklift pockets can be accessed.



- 2.** Insert castor plates into the forklift pockets. Put the castor wheel in place and use a 13mm socket to tighten the M8 nylocks.



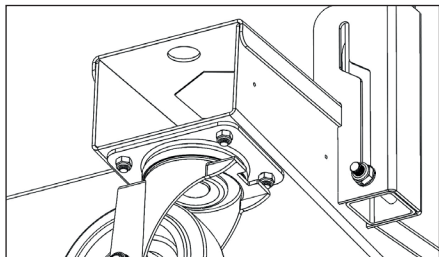
- 3.** The product comes with two swivel and two swivel-braked castors (for FK2, the two non-braked castors are with direction lock). Ensure the braked castors are positioned on the same side, to aid manoeuvrability.



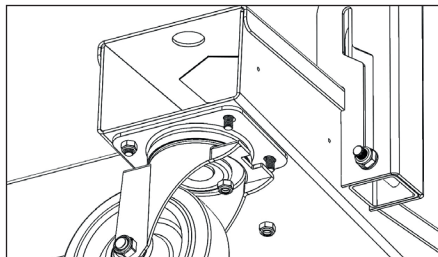
- 4.** Once complete, check all nuts are tight, and then ensure the swivel castors can swivel through 360° before lowering the product.

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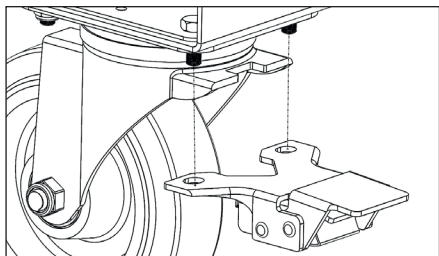
## Installing the directional lock fitting (FK2 only)



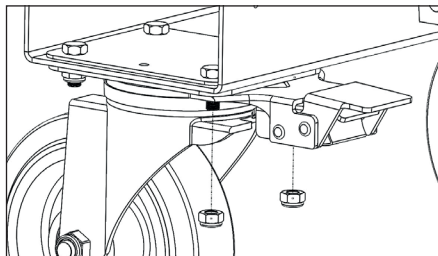
- 1.** Once you have fitted castors onto your FK2, follow the next steps to install the directional lock fitting.



- 2.** Locate the two non-braked castor nuts near the outer edge of the unit and unscrew them.



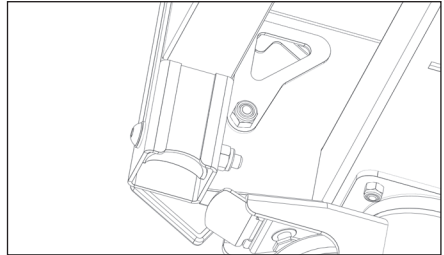
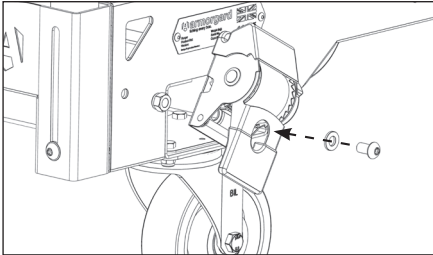
- 3.** Take the directional lock fitting and pass the bolts through the part perforations.



- 4.** Use the same nuts previously removed to secure the new part in place.

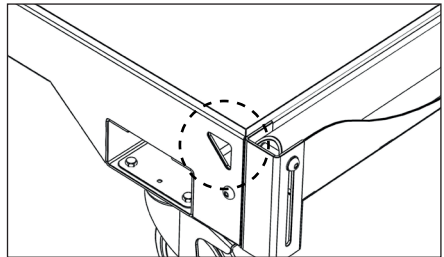
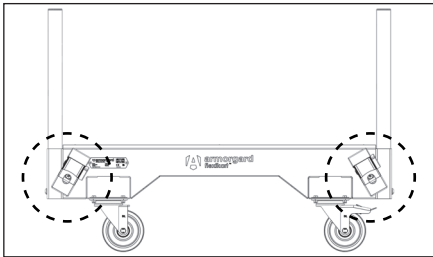


## Fitting the ratchet straps (FK2-PRO only)



- 1.** You will need to fit ratchet straps onto the FK2-PRO, or if you have purchased them for your FK2 as an optional extra. Firstly, position the ratchet strap, fit in place with bolt, washer and nut.

- 2.** Using a 17mm ratchet and 6mm allen key, tighten fixings to secure strap.

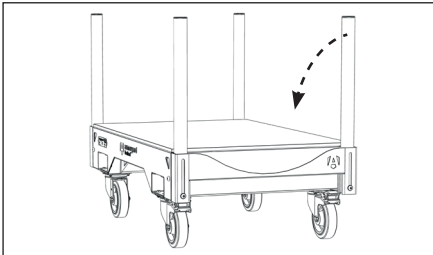


- 3.** Fix the other ratchet strap down on the other side, we recommend fixing on them on the same side.

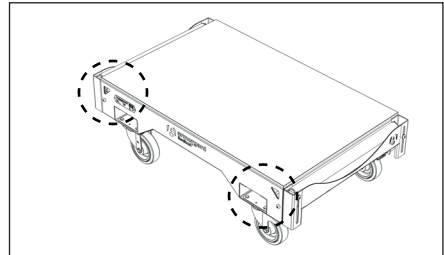
- 4.** Ensure that the strap can easily latch onto the lashing points on the other side of the product before setting off.

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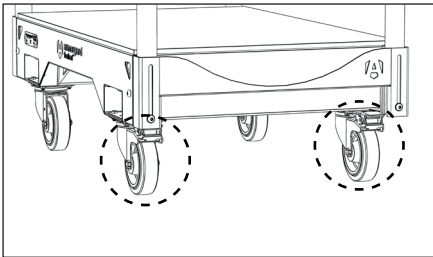
# How to use



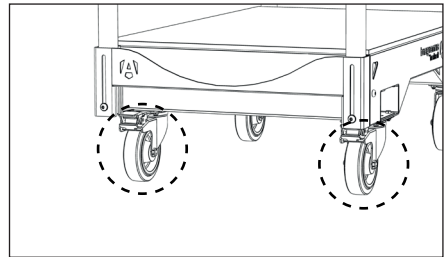
- 1.** The FlexiKart arms fold up for use as handles, or they stow away below the bed height. Finger slots are provided to help lift the arms.



- 2.** Loads must always be secured - lashing points on all 4 corners allow for this.



- 3.** For FK2, the two rear wheels have a direction lock on them to limit their use to only one direction.



- 4.** The two front wheels are braked to prevent the FlexiKart from moving unintentionally.



# Take your flexikart™ to the next level with these optional extras

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

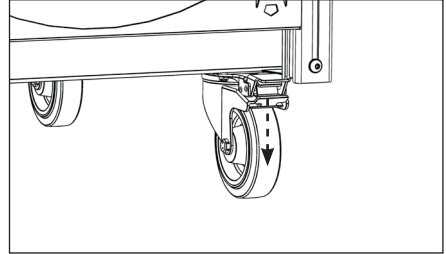
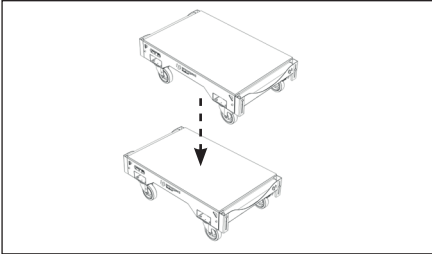


## **Auto-retractable ratchet strap (FK2 only)**

To keep items secured  
whilst in transit

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# Storing the unit



**1.** Save space when storing the unit by folding it down and stacking the units. Ensure the brakes are always locked when stacked.

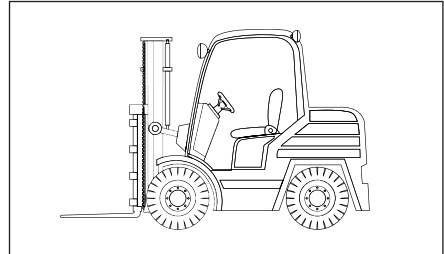
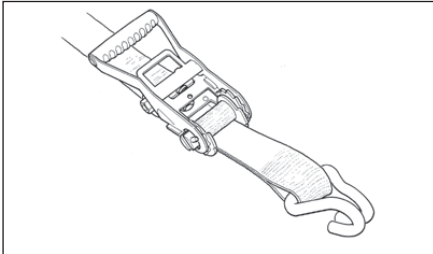
**2.** The castors must always be locked when stored in position and not in use, ensuring that it is placed on a flat, even surface.



## Transporting the unit

The design of the FlexiKart makes transporting the product easy.

The unit comes as standard with castors for easy manoeuvring even when fully loaded, and forklift pockets for transporting using a forklift. Please always take care when moving the FlexiKart.



- 1.** During transportation, ensure the FlexiKart is secured to the carrier using straps or other measures.
- 2.** You may require a forklift truck or pallet truck when unloading your FlexiKart.

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## Equipment care

The FlexiKart is weather resistant and finished with a durable powder coating, so it is suitable for outdoor use.

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 FlexiKart is not damaged before every use.

We recommend for you to check the wooden surface, support arms and castors every three months, to ensure that the FlexiKart can operate fully. If the FlexiKart will be under rigorous outdoor use, we recommend integrity checking regularly.

Always carry out integrity checks before lifting or transporting the unit.



## 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.

Always contact us if you require a replacement part.

## Spare parts

Contact us or head to our website for the full list of spare parts available for your product.



Castors



Auto-retractable  
ratchet straps



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



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# Notes

Version: 221024



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