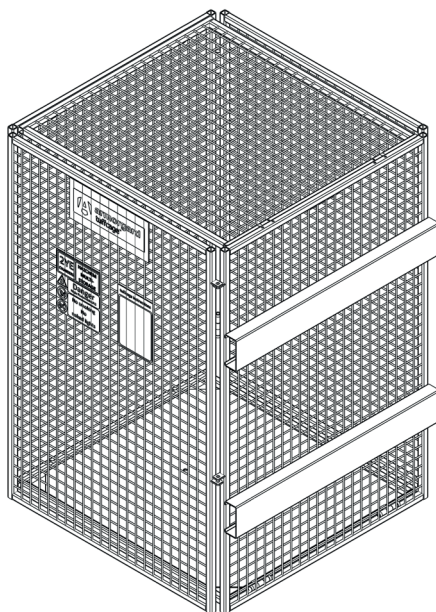




# tuffcage<sup>TM</sup>

## Operational and maintenance manual

Suitable for: TC1.2





# Welcome

Welcome to your Armorgard TuffCage. The COSHH compliant, one-piece folding security cage for storing your gas cylinders and costly equipment.

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

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# Safety information

- » Before using the TuffCage, ensure any relevant risk assessments are carried out - Armorgard cannot be responsible for accidents that occur due to negligence or misuse, nor any accidents/damage as a result of misuse to either personnel or property.
- » It is important to ensure that our guidelines are followed when assembling the TuffCage. Armorgard cannot be responsible for accidents that occur due to negligence.
- » At least two people are required to erect or dismantle the TuffCage, and any relevant risk assessments should be carried out. Care is needed when lifting panels.
- » The TuffCage must be positioned on a flat, solid surface, and should be level and stable before being used. The unit is suitable for outdoor use
- » Only qualified personnel should build and lift the TuffCage.
- » When left unattended, ensure the cage is always locked.
- » There is facility for the unit to be fixed to the ground.
- » The TuffCage meets relevant legislation for storing gas bottles.
- » Do not store more than what the gas cage is designed for, which is 9x 47kg gas bottles.

**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
✓ Secure unit when leaving unattended	✗ Attempt to move when loaded
✓ Ensure parts are fully bolted together	✗ Leave unlocked when unattended
✓ Wear gloves when erecting/dismantling	✗ Use if bolts aren't tight
✓ Use bolts to secure base panel to floor	✗ Position on an uneven surface

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# Product specification

Product Code	Description	Weight (kg)	External Dimensions W x D x H (mm)	Internal Dimensions W x D x H (mm)
TC1.2	Gas cylinder cage	133	1305 x 1240 x 1795	1175 x 1135 x 1725



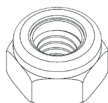
## What's included...



1x TuffCage



4x M8 x 65mm bolts



4x M8 nylocs

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## Tools you'll need...



1 x 13mm spanner



Ratchet

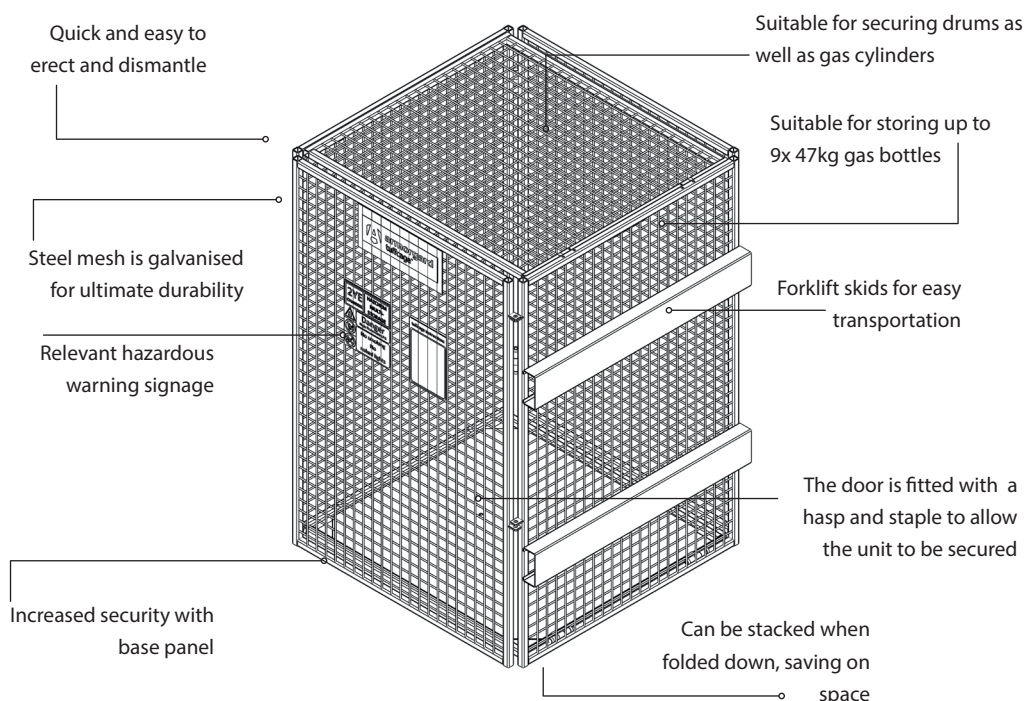


13mm socket



# Getting to know your TuffCage™

The one-piece folding security cage for storing gas cylinders.



COSHH  
compliant



Padlock  
secured



Collapsible



Stackable



Safety signage

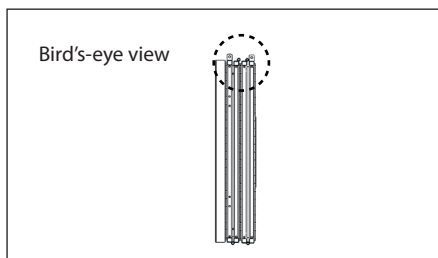


Forklift skids

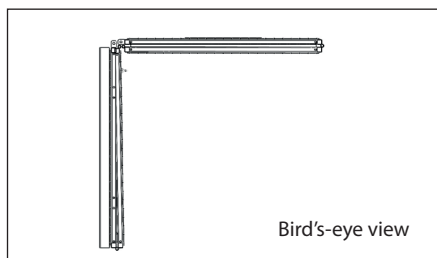


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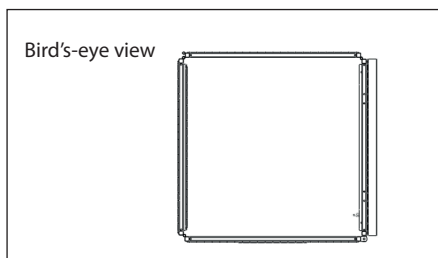
# How to assemble



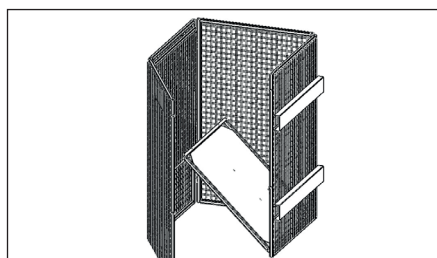
- 1.** Stand the TuffCage on its end with the forklift skids on the left, and hinge on the side further away.



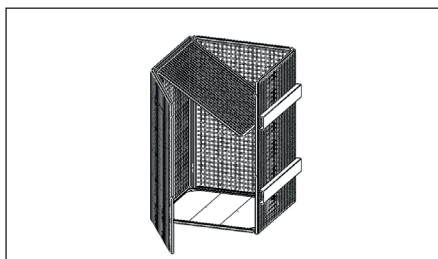
- 2.** Pull the TuffCage from the central hinge to form the cage shape.



- 3.** Unclip the safety chain that holds the base up.



- 4.** Lower the base down, locating the lugs into the sockets. Fix the base in place using the bolts provided.

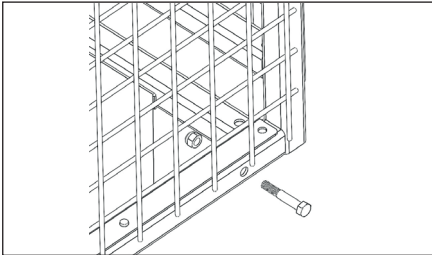


- 5.** Finally lift the roof and locate firmly into the lugs. Bolt the roof into place with the bolts provided.

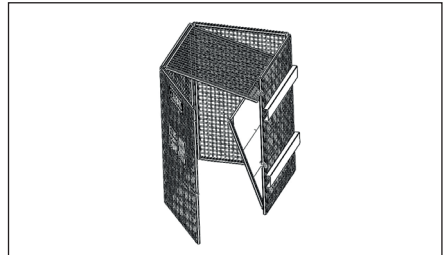
It is important to ensure that our guidelines are followed when assembling the TuffCage. Armorgard cannot be responsible for accidents that occur due to negligence.

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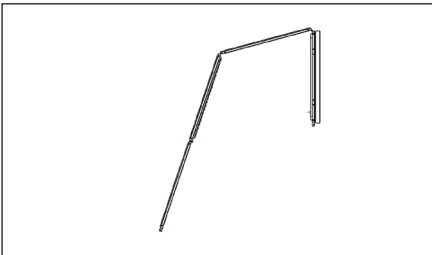
# Dismantling the TuffCage



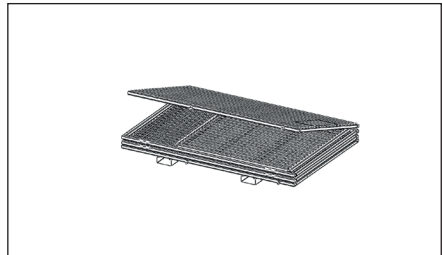
- 1.** To dismantle the TuffCage, open the door, and un-fasten the bolts fixing the base and roof.



- 2.** Lift base and secure using the safety chain. Lower the roof.



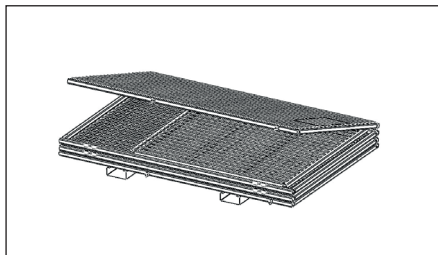
- 3.** Looking at the unit, with the fork skids on the right, step inside and pull the back left corner towards you. Then concertina the other sides together.



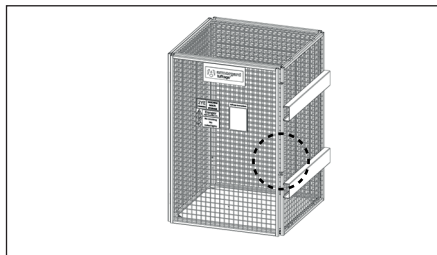
- 4.** Push the door to the base and lower the unit onto the fork lift skids.



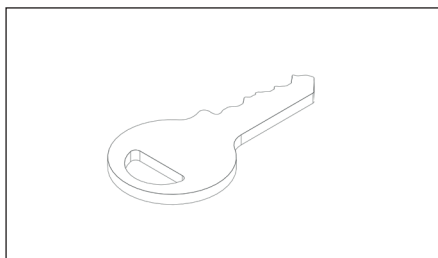
## Storing the unit



1. Once dismantled, the TuffCage can be stored and stacked using its individual panels.



2. If storing erected, the cage should be kept locked when unattended.



3. Always keep the keys in a safe place.

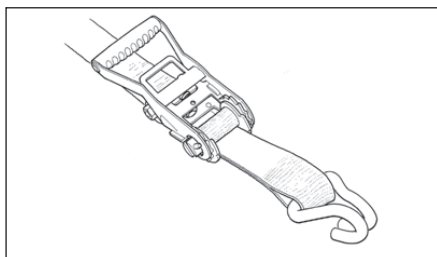
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# Transporting the unit

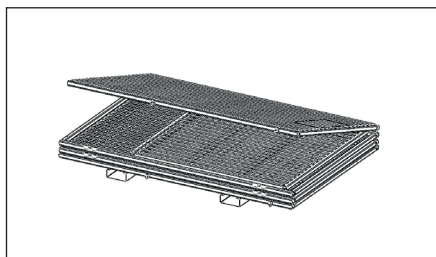
The TuffCage has been designed specifically to make transporting the product easy.

When dismantled, the unit can be stacked together, making the product straightforward to transport. This keeps it simple when assembling at the location of use.

Extra people or equipment may be required to lift safely. Use the forklift skids to move by forklift where necessary. Please take all safety precautions necessary when moving the cage and carry out risk assessments prior to moving the cage.



- 1.** During transport, ensure that the TuffCage is secured to the carrier by strapping down the unit fully.



- 2.** They can be stacked for ease of transportation and to save space.



## Equipment care

The TuffCage is weather resistant and constructed with a durable galvanised finish, to ensure it is completely protected and suitable for outdoor use.

It is important to ensure that all TuffCage bolts remain in good condition and that they are always bolted on tightly.

If using a padlock, always ensure that the hasp and staple remains in good condition.

## Ongoing maintenance

It is important to check that the TuffCage is not damaged before each use.

We recommend for you to check the bolts, panels, and hinges every three months, to ensure that the TuffCage can operate fully. If the TuffCage will be under rigorous use, we recommend integrity checking regularly. The bolts must always be tight to ensure the cage stays secure.

Always carry out integrity checks before lifting the TuffCage.

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# 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.

Do not force entry into the product, as this could affect the warranty.

# Spare parts



Hazardous goods correct safety sign



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





# Notes



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# Notes



# Notes

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# Notes

Version: 080425



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