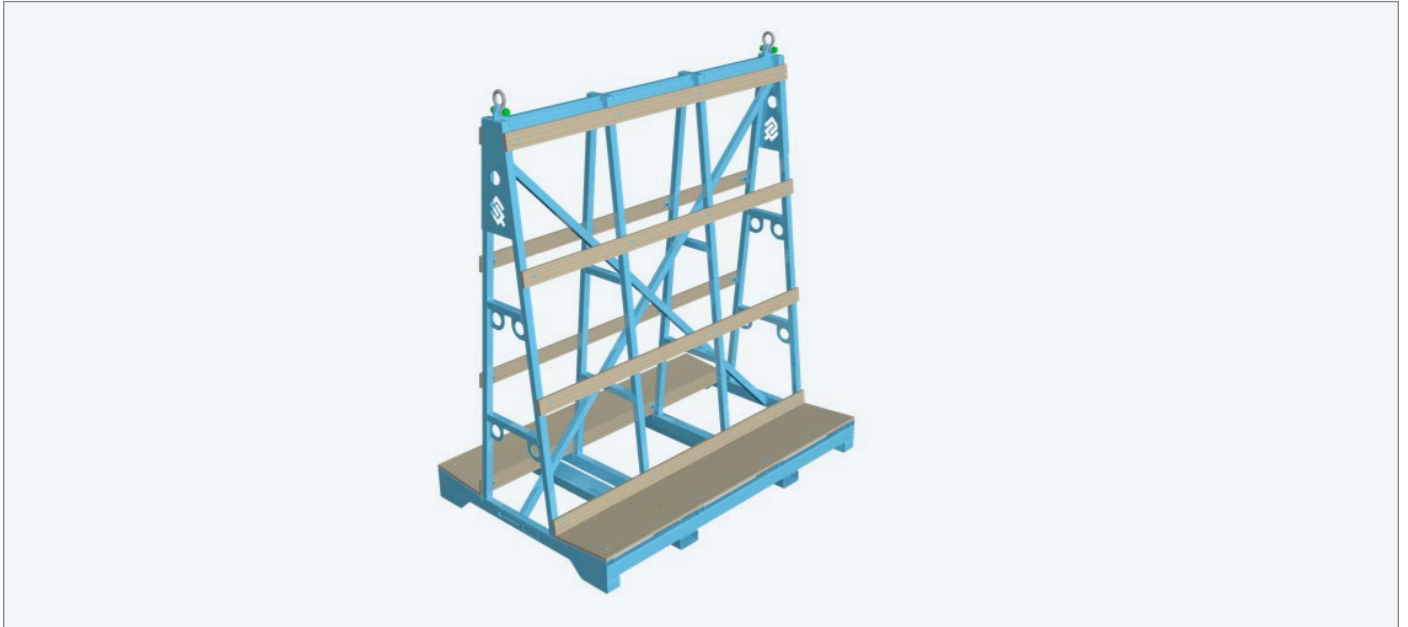


Glass Lifting Frame



Introduction

The Conquip Glass Lifting Frame CA227 was designed and manufactured to crane lift glass and façade panels safely and easily around construction sites. It also comes with fork pockets for manoeuvrability and short distance movement.

Glass panes are securely strapped on to either side of the frame and then the frame is lifted to its destination using a suitable lifting chain sling, attached to the lifting shackle.

The frame comes in two size variations – 1750mm height and a 2750mm height option for taller panels. Both have a 2000 kg Working Load Limit (WLL) and are manufactured from Grade S275 British and European steel. They are manufactured at our fabrication facility in the UK to the highest standards held in the construction industry.

Key Benefits

- Standard width fork pockets reduces the need for adjustment of forks
- Can transport a variety of sizes of glass or façade panels
- 'A-frame' design to allow maximum capacity
- Designed and manufactured within the UK from British and European steel

Customisation Options

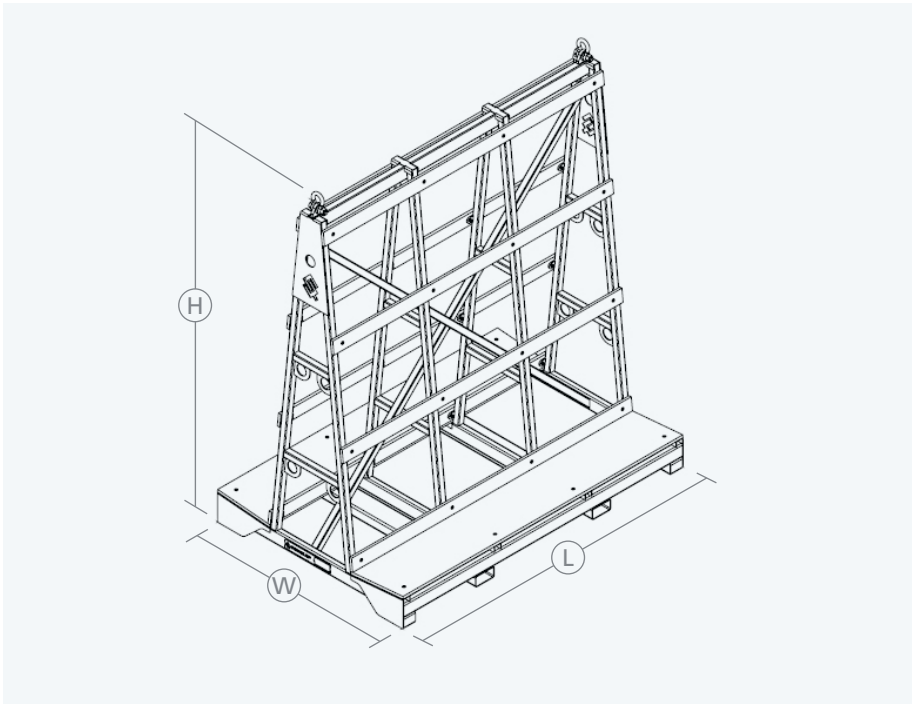
- Available with castor wheels

Important Notes

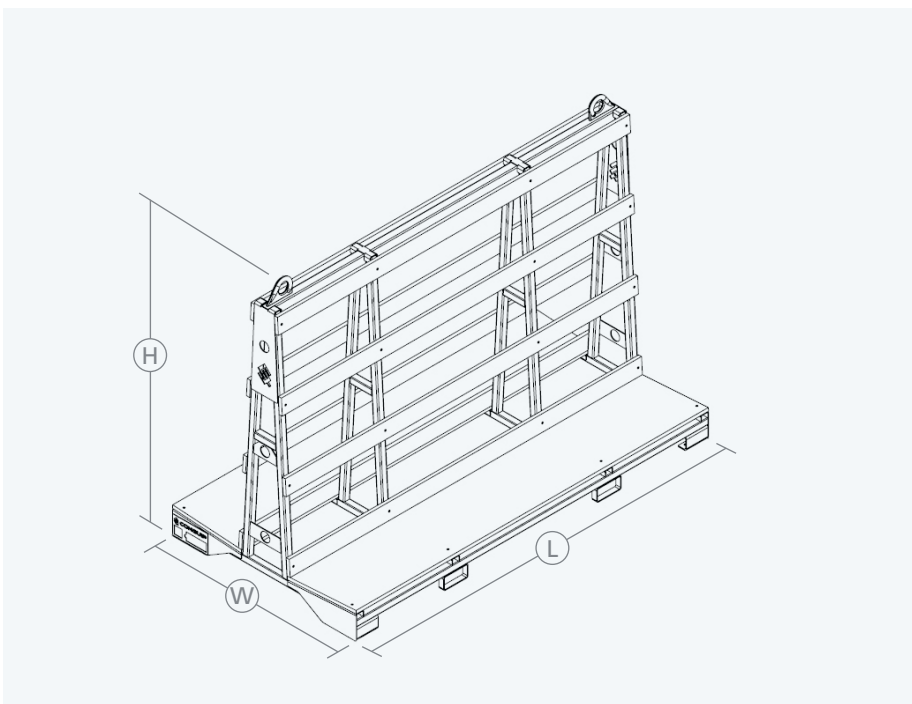
- This User Guide is for the Conquip Glass Lifting Frame only.
- Any movements using a Glass Lifting Frame must be thoroughly planned before the work commences to identify potential hazards and assess risk.
- All personnel involved in lifting and transportation of materials using this Glass Lifting Frame must have read this User Guide and should be properly briefed.
- You must be competent, alert and medically fit when using this equipment. If you have a medical condition, a mental or physical disability, you must seek advice from a medical professional before using this equipment.

Glass Lifting Frame Specification

BASIC SPECIFICATION



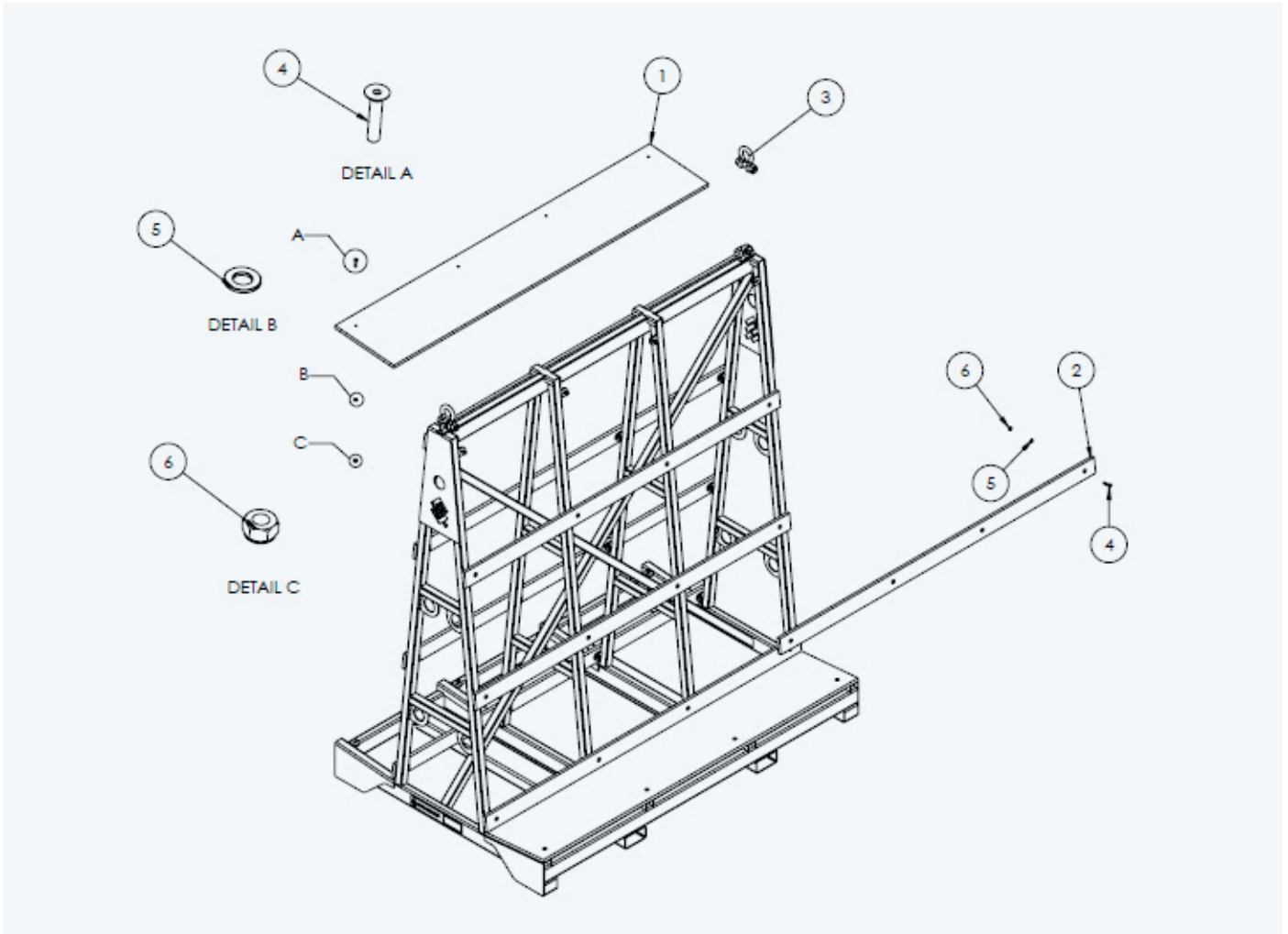
Product code	CA227AA-02000
Height	1750mm
Length	2300mm
Width	1200mm
Working Load Limit	2000kg



Product code	CA227-02000
Height	2750mm
Length	2400mm
Width	1600mm
Working Load Limit	2000kg

Glass Lifting Frame Specification

PARTS DIAGRAM



ITEM NUMBER	PART NUMBER	DESCRIPTION	SUITABLE FOR	QUANTITY
1	ZZ450066	Large wood panel	Both	2
2	ZZ450067	Small wood side panel	Both	8
3	SH101-06500	6.5T Captive bow shackle	CA227-02000	2
4	NS800872	M5.5 x 45 Self-drilling countersunk screw	CA227AA-02000	40
	NS800828	M10x50 Socket countersunk screw head	CA227-02000	40
5	NS800262	M10 Washer	CA227-02000	40
6	NS800013	M10 Nyloc nut	CA227-02000	40

Original Working Instructions

Basic Safety

A **Risk Assessment** must be completed by a competent person before using this equipment to control risks, produce a safe system of work and ensure safety for you, your colleagues and others. Your risk assessment will determine the correct Personal Protective Equipment (PPE) for the task you are doing. You **must** use it.

Conquip recommends that you should wear:

- Suitable clothing
- Gloves
- Hard hat
- Protective Footwear (steel toecaps)
- Safety Glasses



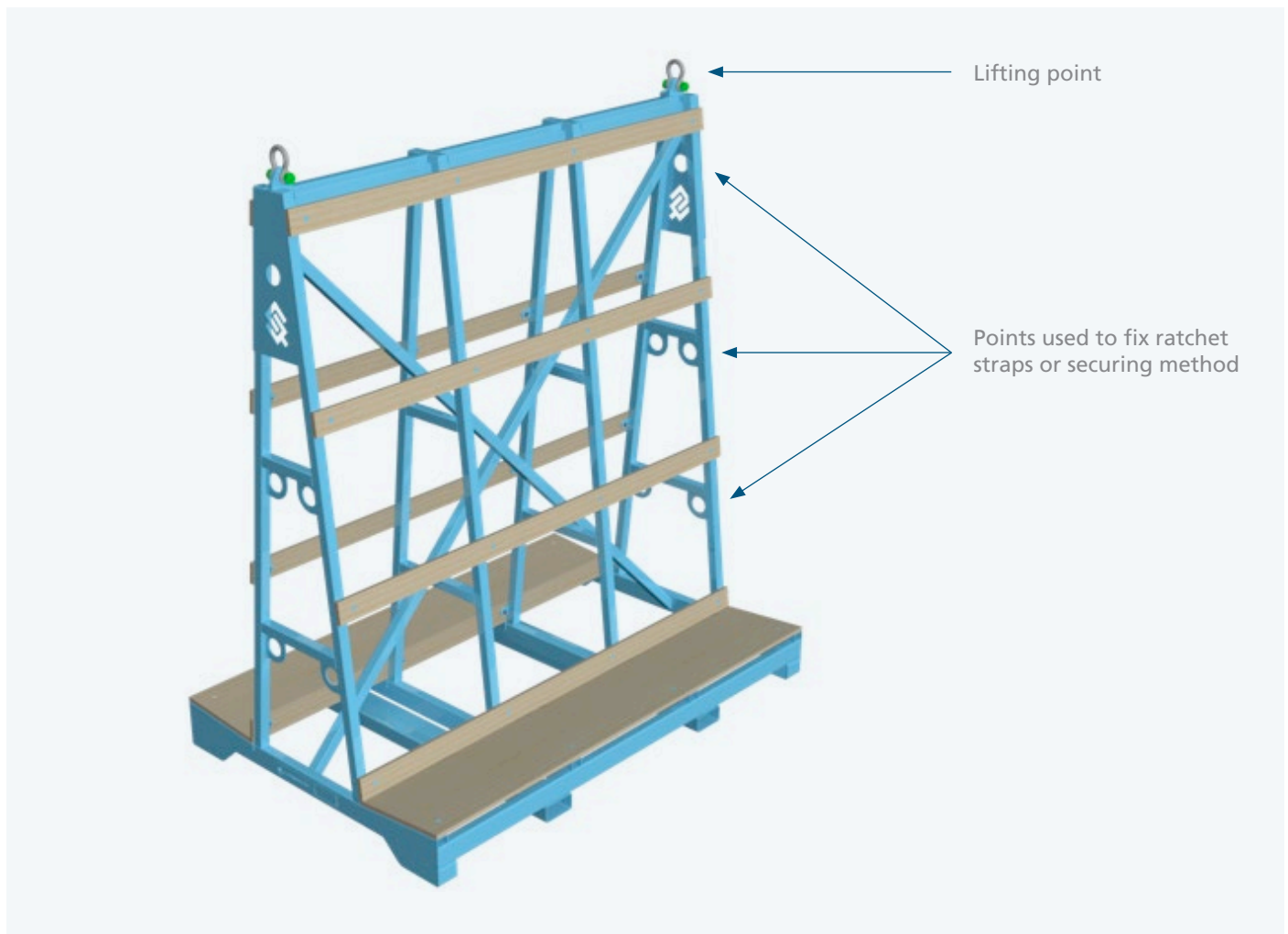
Important

- Read these instructions before using this equipment. If there is anything you do not understand or if you have any concerns **do not** use this equipment. Contact your supervisor or Conquip Engineering Group for advice.
- You should check that you have considered all the safety requirements for the task you are doing and that this equipment is suitable.
- You must protect bystanders and the general public by preventing access to the working area.
- **Do not** use this equipment if you are tired, unwell or under the influence of alcohol or drugs. If you are taking any medicine or undergoing treatment you should inform your supervisor.

Original Working Instructions

Usage Instructions

1. Stack the load with largest panes and façades nearest the frame.
2. Secure the load using the fixing points (see diagram).
3. Once the supervisor is happy that the load is secure, balanced, and does not exceed maximum loading weights, attach suitable rated chain sling to the lifting points at the top of the frame (see diagram).
4. Check that personnel are clear from the immediate area in case of swing of the frame when lifting off the ground.
5. Crane lift to location and lower onto a firm, stable, flat surface.
6. Unstrap and unload.



Safety Instructions

Usage & Transportation

- Never overload Glass Lifting Frames.
- The weight of the frame, together with its attachments, must be added to the weight of the load when calculating the total load that will be imposed on the crane hook.
- Total weight of the equipment plus the load must not exceed 50% of the forklift or telehandler working load limit when lifting using the fork pockets. Manoeuvre loaded or raised equipment carefully. Travel and turn slowly to avoid unit becoming unstable.
- Ensure that the Working Load Limit on the individual lift points is not exceeded. **Do not** exceed the maximum working load limit shown on the serial plate.
- Check that the equipment has the correct load rating and dimensions for the intended load.
- Glass lifting frames should not be suspended from unsuitable size crane hooks.
- Make sure you know how to use this equipment and understand all aspects of its operation in case of emergency.
- This equipment weighs more than 25kg. Do not lift or manhandle without machine assistance.
- **Do not** operate this equipment near overhead power lines.
- **Take care** in confined spaces, near ceilings or similar hazards. This equipment was designed for vertical lifting. **Do not** drag, or swing.
- Before operating this equipment, check that you have enough space for you to work safely. Allow space for the equipment to move if the load shifts.
- Before operating this equipment make sure that the working area is clear of hazards, obstructions and personnel.
- Before lifting, check that the load is secured, balanced and stable. Keep all personnel clear of raised loads and far enough away to allow for swing or movement of the frame.
- Before lowering a load make sure that the landing zone is clear and capable of accepting the size and weight of the load.

Safety Instructions

Personnel

- All personnel must wear relevant personal protective equipment.
- **Do not** wear loose clothing or jewellery and tie back long hair to avoid becoming tangled or trapped in this equipment. You must make **everyone** in the work area aware of what you are doing.
- All personnel involved in the lifting operation must be competent to do so and must have been briefed in conjunction with this User Guide available from Conquip Engineering Group, the manufacturer.

Equipment Maintenance & Cleaning

- The end user has a responsibility under LOLER 1998 to ensure that all lifting equipment is fit for use.
- It is recommended that the equipment is thoroughly inspected by a qualified engineer every 6 months, to ensure it is compliant with LOLER regulations.
- Glass Lifting Frames may incorporate various loose and detachable items of lifting gear. Refer to the separate requirements for the safe use of those items.
- When not being used, store the unit in a clean, upright condition and in a safe place where it will be protected from thieves and unauthorised users.
- This equipment must be inspected by a competent person before each use and then regularly, as determined by your risk assessment or working practice. If you have any concerns about condition or suitability **do not use**.

Disclaimer

Warranty

The products supplied by Conquip Engineering Group are all guaranteed by a 12 month warranty.

Apart from where acceptations apply, Conquip Engineering Group promises to repair or replace any fault which the Company considers to be due to defective material or workmanship within 12 months of the date of sale, at no additional cost.

Exceptions include:

- Faults arising from unauthorised alterations (see modifications section below for full details).
- Damage caused by abuse, neglect, misuse or falling.
- Damage caused because of failure to follow transportation, storage, loading, cleaning or operating instructions.
- Replacement or repair of components due to fair wear and tear.
- Any consequential damage or wear arising from the use or fitting of additional or non-standard parts.

Conquip Engineering Group will not cover or reimburse any transportation and/or shipment costs to and from their premises or their recognised agents, or any material and/or labour costs for repair, replacement or assessment against a warranty claim.

Conquip Engineering Group and/or their directors, employees, insurers or recognised agents will not be held liable for consequential damages, losses or expenses relating to the inability to use the product correctly for its purpose.

Modifications

If any third-party modifications or alterations, involving drilling, welding, cutting or distortion of materials in any form, are to be carried out on the product, Conquip Engineering Group must provide full written approval prior to the work being carried out.

Alterations, modifications, additions or repairs must be carried out by Conquip Engineering Group's recognised distributors, if they are not carrying out the work themselves.

Conquip Engineering Group operate a continuous improvement policy and therefore reserve the right to alter technical specifications and user guide details at any point without notice.