

User Guide

# COSHH Cranelift Drum Store

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## Product Information Specification

Item	Product Code
COSHH Cranelift Drum Store	ST132-04117

### Product Information Overview

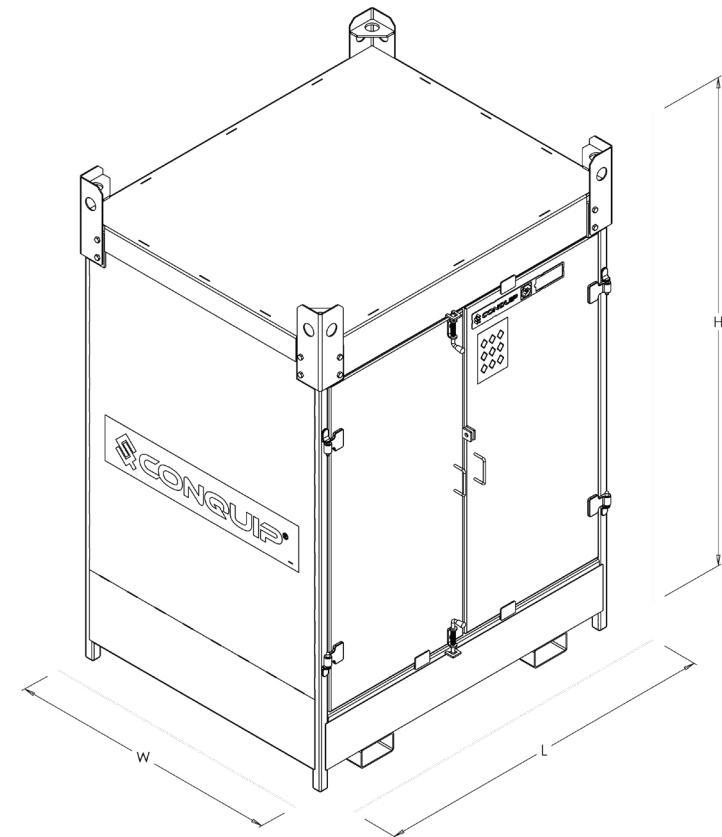
A store for the safe storage of COSHH Drums that can be crane lifted when full.

The Conquip COSHH Cranelift Drum Store is a fully enclosed, secure COSHH compliant unit for the storage and transportation of fuel drums.

It has capacity for up to four 205 litres drums, plus a shelf at the back of the unit which provides further storage for smaller paint containers or small chemical storage. The store has a mesh floor to prevent having to step into the sump if hazardous chemicals do leak.

### Key Benefits

- Capacity for up to 4 x 205 litres drums.
- Crane lifting and fork pockets to allow it to be moved when full, providing the drums have been secured with a suitable ratchet to the securing points.
- COSHH compliant, there is a 110% volume bund of the largest item.
- Mesh floor to prevent having to walk in the sump if hazardous chemicals leak.
- Fitted with an internal shelf for smaller chemical containers.
- Large door opening, to accommodate a standard pallet width.



<sup>1</sup>Working Load Limit

Height	Width	Length	Weight	WLL <sup>1</sup>	Capacity
2050mm	1220mm	1460mm	440kg	1000kg	4 x 205 litre Drums

## Original Working Instructions

# Usage Instructions

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### Important Usage Notes

- The bunded spillage sump should be 110% of the largest container in the store. The bund is 295 litres, ensure that no container holds more than 260 litres of substance.
- This COSHH Store is designed to be lifted when full, but it is the responsibility of the user to ensure that the chemical drums, or load(s), are secure and balanced within the store before any lift takes place, so that it cannot shift when being lifted. It is the responsibility of the user to check if lifting with chemical drums in the unit is permitted on site and is congruent with any site-specific lifting plans or hazardous chemical handling policy. Do not lift if there is any doubt about the security and stability of the load.
- Use of the shelf for storage during transit is not recommended.
- If hazardous waste is spilt into the bund, follow a site-specific procedure on the removal of hazardous waste.

### Lifting with a Forklift

1. Secure the drums or load within the store using suitable ratchet straps, fastened to the securing points found on the inside of the store (see Fig 1). It is important that the load cannot shift during transit.
2. To lift the COSHH Cranelift Drum Store with a forklift, set the machine's forks to the correct width for the store's fork pockets. Make sure that they are equidistant from the centre.
3. Drive the forklift to the COSHH Store aligning the forks with the fork pockets.
4. Move the forklift forward until the forks are fully inserted into the fork pockets. The COSHH Store is now ready to lift.
5. Carefully raise the store just off the ground and check for balance and security.
6. Carefully transport the store to its required destination, taking care not to jolt the unit.
7. When in position, the store can be lowered onto firm, level ground.
8. Reverse the forklift back and clear of the store.

### Lifting with a Crane

1. Secure the drums or load within the store using suitable ratchet straps, fastened to the securing points found on the inside of the store (see Fig 1). It is important that the load cannot shift during transit.
2. Attach a suitable four leg chain sling to the four COSHH Store's lifting points. For working at height refer to your site-specific policy as to what type of platform to use.
3. Carefully raise the store just off the ground and check for balance and security. It is important that the load is stable before lifting.
4. Carefully transport the store to its required destination, taking care not to jolt.
5. When in position, the store can be lowered on to firm, level ground.
6. Detach the store from the lifting chains.

### Usage Instructions

1. Load the store as required, using the shelf and set down area inside the store. A pallet of 4 drums can be placed into the store using a forklift, providing your pallet is the correct size.
2. Ensure the door is shut and securely locked, using a suitable padlock or combination lock, when the store is not in use or being supervised. It is the responsibility of the supervisor that no harmful chemicals are removed by unauthorised users.
3. If a spillage occurs, refer to your site-specific procedure on the removal of hazardous waste. To access the spillage, remove the mess grating on the floor. From here you can wash down the bund and pump the chemical out, providing that is in-line with your procedure.
4. Refit the mesh once the chemical has been removed and the bund cleaned.

# Original Working Instructions

## Safety Instructions

### Basic Safety

A site-specific Risk Assessment, and lift plan where applicable, must be completed by the responsible 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 Safety Notes

- 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 must 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.

### Usage & Transportation

- Never unevenly load this equipment.
- The weight of the equipment, together with its attachments, must be added to the weight of the load when calculating the total load that will be imposed on the lifting apparatus / operating machine.
- This equipment must be used in conjunction with the load ratings of the lifting apparatus / operating machine. (Refer to the manufacturers' load ratings and original working instructions).
- 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 and make sure that the working area is clear of hazards, obstructions and personnel.
- Before lowering equipment make sure that the landing zone is clear and capable of accepting the size and weight of the load.
- Crush Risk. Keep hands and feet clear of the equipment at all times to avoid injury.
- Do not exceed the maximum Working Load Limit (WLL) shown on the serial plate. Ensure that the WLL on the individual lift points is not exceeded.
- Before lifting, check that the load is secured, balanced and stable. Allow space for the equipment to move if the load shifts.
- Manoeuvre loaded or raised equipment carefully. Travel and turn slowly to avoid unit becoming unstable.

### 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

- It is mandatory that the equipment is thoroughly examined regularly, by a qualified engineer, to ensure compliance with relevant regulation/s. (Conquip recommend to carry out thorough examination every six months).
- This product 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 the responsible 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 exceptions 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.

- 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.

## 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.

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.

# EC Declaration of Conformity

## In accordance with EN ISO 17050-1:2004

Declaration: As defined by the Machinery Directive 2006/42/EC and subsequent amendments

We, CONQUIP ENGINEERING GROUP, herewith declare that the following indicated equipment meets the fundamental health and safety requirements concerning the EU guide line(s), due to their design and manufacture.

This declaration will be rendered null and void if the machine is changed without our approval.

Signed:



Dated: 2019

Garry Critchley, Managing Director

### Product Code(s):

ST132-04117

### EC Directive/Regulation:

2006/42/EC,  
Lifting Operations and Lifting Equipment Regulations 1998  
Provision and Use of Work Equipment Regulations 1998

### Harmonised Standards:

BS EN ISO 12100:2010  
BS EN 13155

### General Description/Designation:

COSHH Cranelift Drum Store – ST132-04117

### WLL:

ST132-04-117 = 1000kg

## Important Notes

- This User Guide is for this Conquip product only.
- Any movements of the product must be thoroughly planned before the work commences to identify potential hazards and assess risk.
- All personnel involved in lifting and transportation of this product must have read this User Guide and must 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.

Talking to us is easy

**We're here to help**

Call us on 0845 520 1101

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