

User Guide

Boat Skip



Product Information Specification

Item	Product Code
Boat Skip 500	CA108-00500
Boat Skip 750	CA108-00750
Boat Skip 1000	CA108-01000
Boat Skip 1500	CA108-01500
Boat Skip 2000	CA108-02000

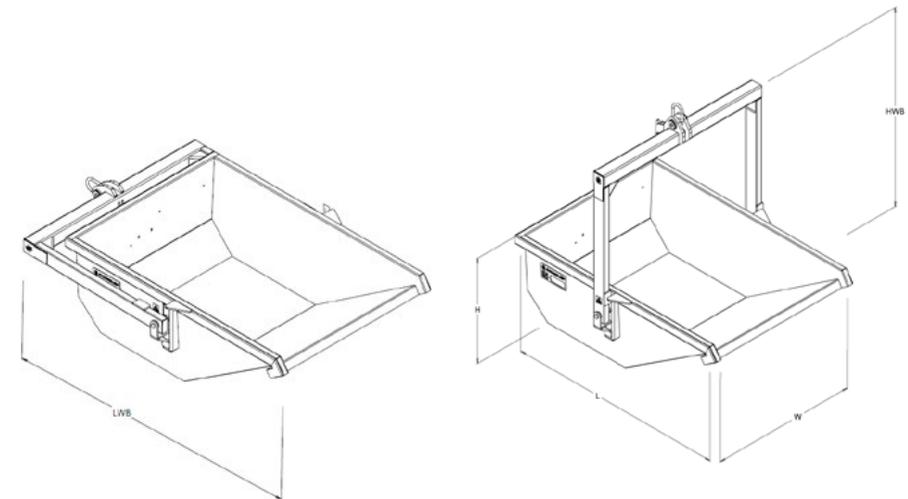
Product Information Overview

The Conquip Boat Skip is for general muck and waste removal. The range of capacities and robust design make it ideal for transporting a variety of loads. A low loading height and drop-down bale arm ensures loading is quick and easy.

Designed with a 'dog bone' mechanism for the automatic emptying of the skip by the crane operator, it eliminates the need for an assistant to manually operate it.

Key Benefits

- Automatic unloading eliminates the need for an assistant and for the slinger / signaller to enter the 'danger zone'.
- Lifts and tips part loads, a physical impossibility with traditional, manually operated, circular muck skips.
- Available in a wide range of capacities, from 500 to 2000 litres.
- Available with a debris cover on request to keep dust pollution to a minimum.



¹Working Load Limit

Product Code	Length	Length with Bale	Width	Height	Height with Bale	Weight	WLL ¹	Capacity
CA108-00500	1520mm	1690mm	1360mm	530mm	1410mm	130kg	1000kg	500 litres
CA108-00750	1595mm	1780mm	1710mm	560mm	1450mm	235kg	1500kg	750 litres
CA108-01000	1955mm	2135mm	1555mm	640mm	1720mm	255kg	2000kg	1000 litres
CA108-01500	2187mm	2390mm	1885mm	665mm	1815mm	425kg	3000kg	1500 litres
CA108-02000	2355mm	2555mm	1835mm	880mm	2180mm	540kg	4000kg	2000 litres

Original Working Instructions

Usage Instructions

CA108 Important Usage Notes

- When attaching to lifting equipment always ensure that the hook's gate is correctly closed and the lifting eye is seated correctly in the hook.
- Do not use the Boat Skip for carrying toxic or dangerous materials or chemicals or light fires in or around the skip.
- Do not overfill the skip by volume or weight, the load should be evenly placed.
- At no point during the operation of this skip should personnel be within the discharge zone.
- All of the lifting, tipping and manoeuvring must be carried out by a crane. Do not attempt to move the skip of the bale arm by hand.
- The Boat Skip is for lifting and transporting waste and materials only. Do not use to raise or transport personnel.

Automatic Locking Mechanism Instructions

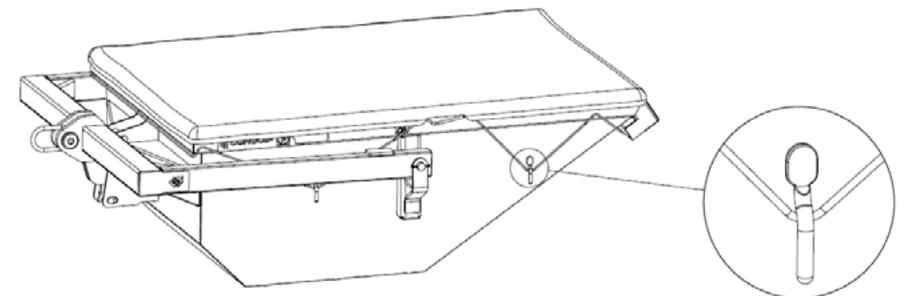
1. The CA108 self-discharging Boat Skip is fitted with a lock and release system. The lock is situated at the rear of the skip and engages with the catch fitted to the top of the lifting arm.
2. When the lifting arm is lowered fully, it will engage with the locking system. When next raised, the skip will rise and discharge its load.
3. When fully lowered a second time, the lifting arm will disengage from the locking system allowing the unit to be raised and manoeuvred to the loading bay.
4. If the lifting arm is out of sequence (locked when it should be unlocked) simply raise the lifting arm then lower to release the catch.

Original Working Instructions

Usage Instructions

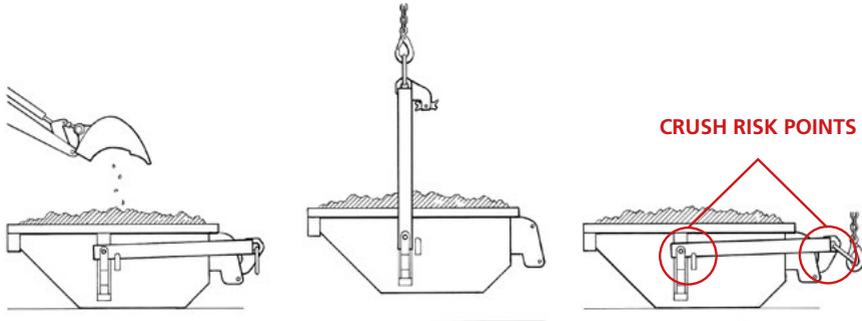
Loading, Moving and Emptying Instructions

1. Attach the lifting equipment's hook to the skip's bale arm lifting point, with the bale arm in the lowered position.
2. Carry out a test lift with the unit empty to ensure that both the slinger / signaller and the crane operator are familiar with the correct and safe operation of the Boat Skip and fully understand how the locking mechanism functions, the tipping action is carried out and the reactions of the skip to these actions.
3. Raise the crane to bring the lifting arm upright and lift the unit just off the ground.
4. Check that the skip is balanced correctly before lowering back to the ground. The Boat Skip is now ready for use.
5. Position the unit on firm level ground, which is able to bear the unit's weight and load. Lower the bale arm.
6. Evenly fill the skip, ensuring the load is no wider, longer or higher than the skips side walls.
7. Cover the load in the skip with a debris cover, by pulling the cover over the load and fasten on all four sides by hooking the rope around each of the welded hooks. It is recommended that the load is covered with a debris cover to safeguard against any of the load falling from the skip.



CA108 Loading, Moving and Emptying Instructions Continued

- Once loaded and ready, clear all personnel from the area, and raise the skip off the ground to check that the load is balanced and secure. The skip can now be craned to the discharge area.



- Ensure that no personnel are in the discharge area, lower the skip to the ground with the front facing the discharge area.

- Lower the lifting arm fully to allow the locking system to engage.

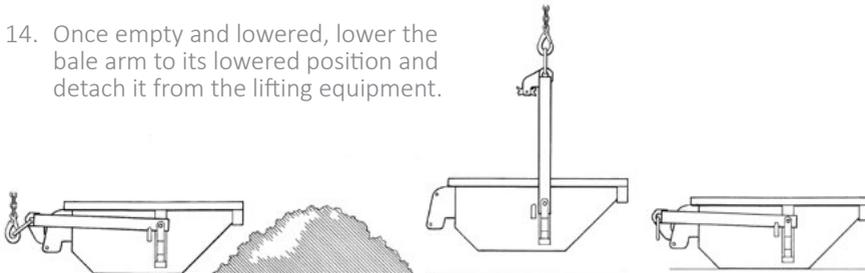
- Remove the debris cover.



- Once ready, raise the lifting hook to tip the skip and discharge the load.

- Having emptied the skip, lower it back to the ground to allow the lifting arm to disengage from the locking system before once again raising the skip and moving to the loading area.

- Once empty and lowered, lower the bale arm to its lowered position and detach it from the lifting equipment.



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.

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.

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: 2024

Garry Critchley, Chief Executive Officer

Product Code(s):

CA108-00500 / CA108-00750 / CA108-01000 / CA108-01500 / CA108-02000

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:

Boat Skip – CA108-00500 / CA108-00750 / CA108-01000 / CA108-01500 / CA108-02000 / CA122-02000 / CA122-03000 / CA122-04000 / CA138-06000

WLL:

CA108-00500 = 1000kg / CA108-00750 = 1500kg
CA108-01000 = 2000kg / CA108-01500 = 3000kg
CA108-02000 = 4000kg

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.

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 0333 300 3470

Email us at sales@cqegroup.com

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Conquip Engineering Group

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