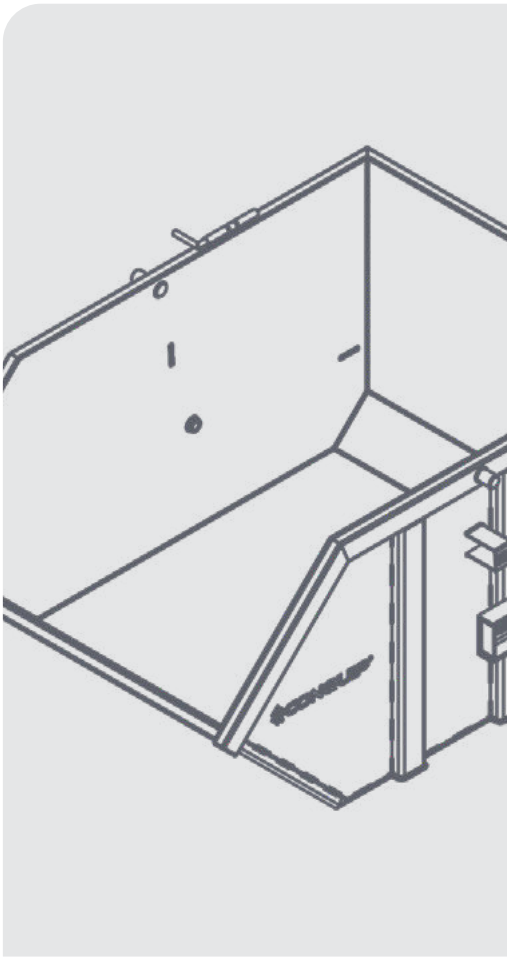
USER GUIDE

HEAVY-DUTY BOAT SKIP





DISCLAIMER

Do not attempt to handle or operate this equipment before you have received sufficient training. Before use, operatives must have carried out all checks featured on the Visual Inspection Sheet on page 13. It is imperative that you have read the General Safety Instructions on page 14 and sufficiently familiarised yourself with the Operational Procedures in this document.

Note that this item is compliant only to the standards specified in this User Guide and it is therefore the duty of the responsible person(s) to review and ensure compliance.

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INTRODUCTION

OVERVIEW

The Conquip Heavy-Duty Boat Skip is for general muck and waste removal. The robust design makes it ideal for transporting substantial loads and the low loading height and drop-down bale arm, ensures loading is quick and easy.

Reinforced wear strips on the sides, back and base of the skip, provide additional durability, helping it to withstand the rigours of construction sites and heavy machinery and increasing its longevity and lifecycle.

These skips feature a slotted bale arm with a hook and latch mechanism which allows the crane operator to empty the skip without the assistance from an operative on the ground.

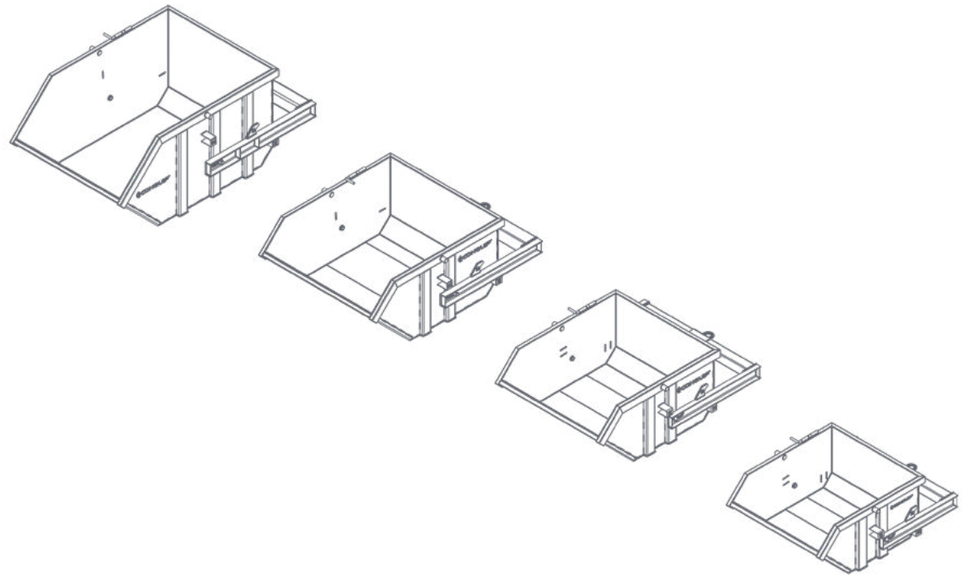
KEY BENEFITS

- Automatic unloading eliminates the need for the slinger/signaller to enter the 'danger zone' when the skip discharges.
- Lifts and tips part loads, a physical impossibility with traditional, manually operated, circular muck skips.
- Reinforced wear strips increase durability and longevity.
- Available in capacities from 2000 to 6000 litres.

PRODUCT INFORMATION

SPECIFICATION

THE RANGE

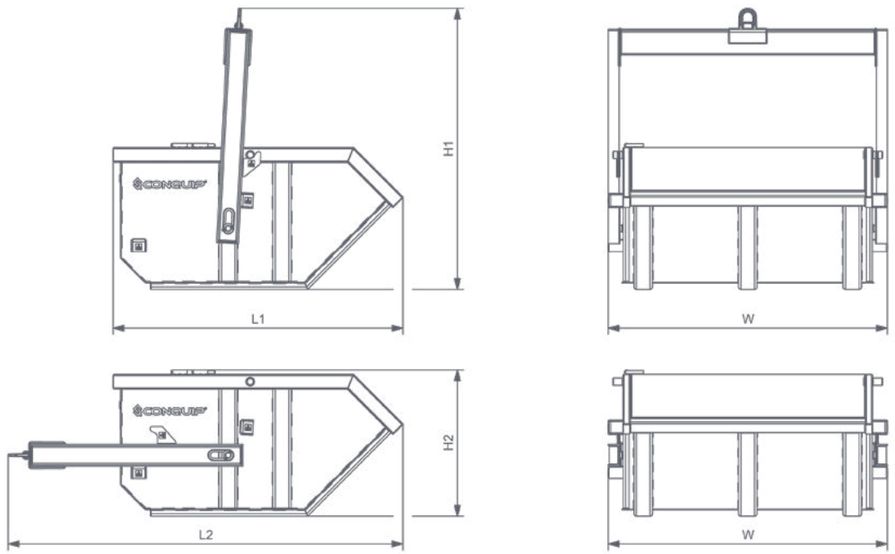


CODE	TYPE	WEIGHT (kg)	WLL* (kg)	CAPACITY (litres)
CA122AD-02000	Heavy-Duty Boat Skip 2000	626	4000	2000
CA122AD-03000	Heavy-Duty Boat Skip 3000	795	6000	3000
CA122AD-04000	Heavy-Duty Boat Skip 4000	1014	8000	4000
CA122AD-06000	Heavy-Duty Boat Skip 6000	1523	12000	6000

*Working Load Limit

SPECIFICATION

ITEM	PRODUCT CODE
Heavy-Duty Boat Skip 2000	CA122AD-02000
Heavy-Duty Boat Skip 3000	CA122AD-03000
Heavy-Duty Boat Skip 4000	CA122AD-04000
Heavy-Duty Boat Skip 6000	CA122AD-06000



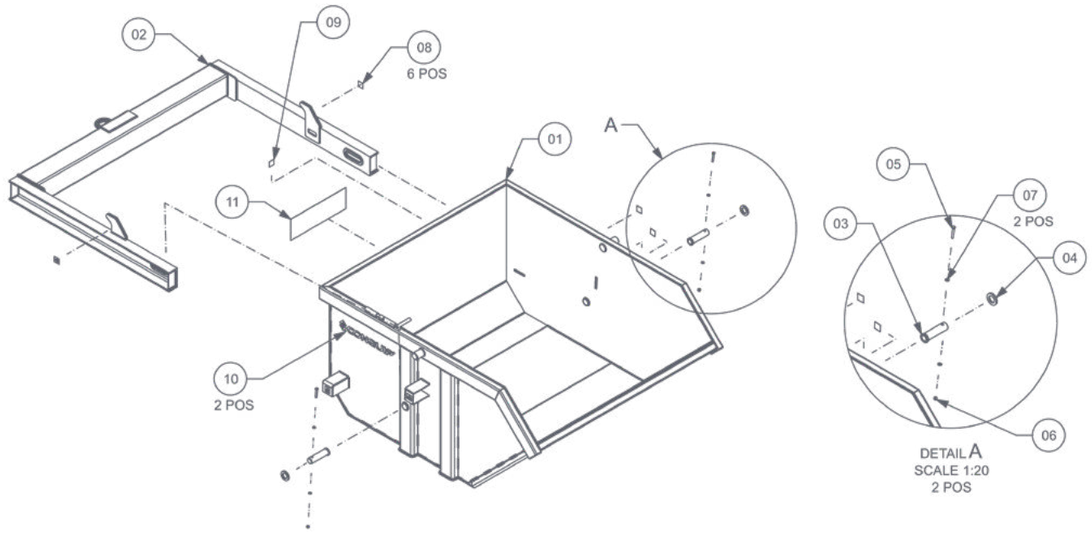
L1 (mm)	L2 (mm)	W (mm)	H1 (mm)	H2 (mm)
1987	2555	1897	1750	960
2170	2963	2097	2095	1092
2369	3228	2282	2295	1193
2846	3738	2224	2610	1494

*Working Load Limit

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PARTS DIAGRAM

HEAVY-DUTY BOAT SKIP



ITEM NUMBER	DESCRIPTION	QUANTITY
1	Skip Body	1
2	Bale Arm	1
3	Bale Arm Pin	2
4	Bale Arm Pin Washer	2
5	Hex Head Bolt M12x1.75	2
6	Nyloc Nut M12x1.75	2
7	Plain Washer M12	4
8	Crush Point Decal	6
9	Refer To Instruction Manual/Booklet Decal	1
10	Conquip White Decal	2
11	Warning Decal	1

NOTE: These parts are for this model, they may differ for previous versions. Please contact Conquip with any queries.

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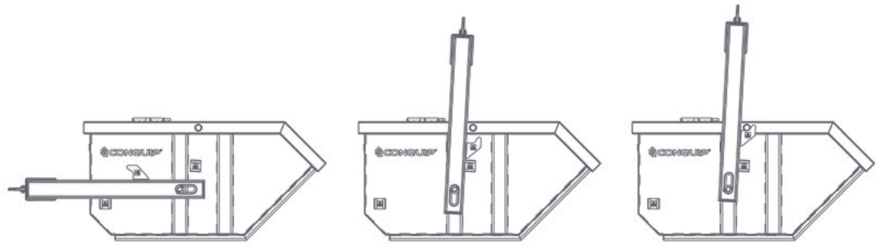
OPERATIONAL PROCEDURES

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 Heavy-Duty 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 distributed.
- At no point during the operation of this skip should personnel be within the bale arm swing area or the discharge zone.
- All of the lifting, tipping and manoeuvring must be carried out by a crane. Do not attempt to move the skip or the bale arm by hand.
- The Heavy-Duty Boat Skip is for lifting and transporting waste and materials only. Do not use it to raise or transport personnel.
- The bale arm is a substantial component of the Heavy-Duty Boat Skip which if not used or stored properly can be a significant safety risk. A falling bale arm could cause significant injury, even death. Therefore, personnel must not enter its swing zone and ensure that it always stored in its lowered position.

PREOPERATIONAL TEST CYCLE

01. Attach the lifting equipment's hook to the skip's bale arm lifting point, with the bale arm in the lowered position.



02. 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 Heavy-Duty Boat Skip and fully understands how the locking mechanism functions, the tipping action is carried out, and how the skip reacts to these actions.
03. Raise the crane to bring the bale arm upright so the hooks engage with the catches.

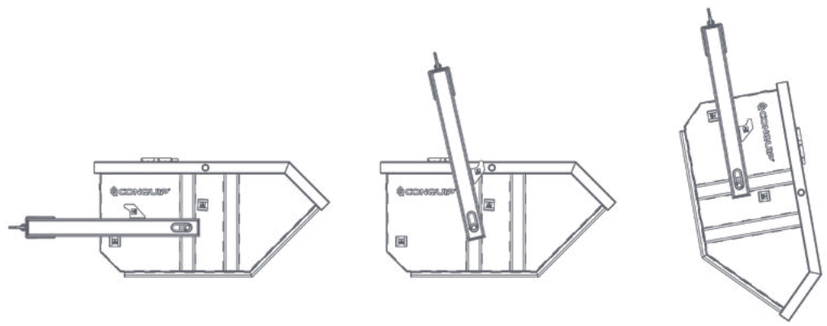
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OPERATIONAL PROCEDURES

04. Carefully raise the skip just off the ground.
05. Check that the skip is balanced correctly before lowering back to the ground. The Heavy-Duty Boat Skip is now ready for use.
06. Position the unit on firm level ground, which is able to bear the unit's weight and load. Lower the bale arm.
07. Detach the lifting equipment's hook.

OPERATIONAL USE

01. Evenly fill the skip.
02. Once loaded and ready, clear all personnel from the area, attach the lifting equipment's hook and raise the bale arm bringing the lifting eye towards the front of the skip.
03. The bale arm will hit the stops when it reaches the correct lifting position.
04. Raise the bale arm carefully ensuring the angle of the bale arm is maintained, the hooks will lock into the catch pins, the skip is now ready to be lifted.
05. Raise the skip just enough to allow sufficient clearance from the ground. Ensure the load is balanced and secure. The skip can now be crane lifted to the discharge area.
06. Make sure no personnel are in the discharge area, then lower the skip to the ground with the front of the unit facing the discharge area. Note the position of the pivot points as the hooks slide down from the catches.
07. Position the crane hook towards the rear of the skip and raise the bale arm carefully, ensuring the hooks do not engage with the catch pins. As the bale arm is lifted, the skip will tip forward and begin to discharge.



08. Raise the crane hook as high as necessary to empty the contents of the skip.
09. Once empty, the skip can be lowered to its resting position.
10. Lower the bale arm fully to its resting, horizontal position and detach it from the lifting equipment.

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STORAGE INSTRUCTIONS

01. Correct PPE must be worn when following all storage steps, including gloves and steel toe cap boots.
02. The bale arm must always be stored in its fully lowered, horizontal position
03. Store on a flat surface when not in use.
04. Move into place using suitabel lifting apparatus. Do not attempt to lift by hand.
05. When not being used, store the unit in a clean and safe place where it will be protected from thieves and unauthorised users.

OPERATIONAL PROCEDURES

MAINTENANCE & INSPECTION

MAINTENANCE REGIME

- It is mandatory that the equipment is thoroughly examined regularly, by a qualified engineer, to ensure compliance with relevant regulations. Conquip recommend carrying out a thorough examination every six months.
- This equipment may incorporate various loose and detachable items including, but not limited to pins, bolt assemblies and adaption plates. Refer to the separate requirements for the safe use of those items.
- 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 the machinery's condition or suitability, do not use it.

SAFETY DECALS

These are the safety decals featured on the equipment. When carrying out the visual inspection of the equipment, please ensure all decals are present before checking this item off the list.







MAINTENANCE & INSPECTION

VISUAL INSPECTION CHECKLIST

INSPECTION ITEMS	RESULTS		COMMENTS
	SATISFACTORY	UNSATISFACTORY	
Serial Number			CQ.....
Product Code			
Working Load Limit (kg)			
Conforms to user guide specification			
Wear of lock and release system			
Bale arm alignment			
Bale arm returns to horizontal, lowered position			
Wear of lift pins			
Wear of lifting point			
Condition of bale arm restraint bolt			
Overall visual condition			
SIGNATURE			
Name	Position	Qualification	Signature & Date

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GENERAL SAFETY INSTRUCTIONS

The equipment should be properly operated and maintained to keep it in a safe, efficient operating condition. Be sure that all fixings and components are free of mud or other matter that might cause issues hazardous to the operator, service personnel and other personnel or equipment. Report all malfunctions to those responsible for maintenance, and do not operate the equipment until corrected. Normal service or maintenance performed as required can prevent unexpected and unnecessary downtime.

This operations manual describes general inspections, servicing and operation with the normal safety precautions required for normal servicing and operating conditions. It is not a guide, however, for abnormal conditions or situations, service personnel and operators must be safety conscious and alert to recognise potential servicing or operating safety hazards at all times, and take necessary precautions to assure safe servicing and operation of the equipment.



M002
Refer to instructions manual



M004
Wear eye protection



M008
Wear safety footwear



M009
Wear protective gloves



M010
Wear protective clothing



M014
Wear head protection



M015
Wear high-visibility clothing

GENERAL NOTES

- Read this operations manual and learn the operating characteristics and limitations of the equipment. Know what operating clearances the machine requires.
- Read and understand all the safety signs prior to operation.
- If the safety signs are obstructed by dirt or debris, clean them using mild soap and water prior to operation.
- If the safety signs are damaged or illegible, replace them immediately, prior to operation.
- Be aware of operating hazards that weather changes can create on the job. Know proper procedures to follow when a severe rain or electrical storm strikes.
- Never attempt to operate or work on machinery when not feeling physically fit.
- Never wear loose clothing, rings, watches, heavy gloves etc., that might catch and result in injury.
- Know what safety equipment (PPE) is required and use it. Such equipment may be: hard hat, safety glasses, reflector type vests, protective gloves, and safety footwear.

TERMS & CONDITIONS

CONQUIP ENGINEERING GROUP STANDARD PRODUCT WARRANTY

01. COMMENCEMENT

1.1 This Warranty shall commence on the Commencement Date and shall continue until the earlier of:

(a) the Expiry Date; or

(b) the date on which it may be voided in accordance with clause 4.1(b)

when it shall terminate automatically without notice.

02. DUTY OF GOOD FAITH

2.1 The Purchaser shall in the exercise of its rights under this Warranty and in the compliance with its obligations under this Warranty be subject to and shall in all respects owe and comply with a duty of good faith to the Warrantor.

03. NATURE AND EXTENT OF COVER

3.1 Subject to clause 3.2 the Warrantor agrees and undertakes to the Purchaser that it shall be liable to the Purchaser under and in accordance with the terms of this Warranty in the event that:

(a) prior to the Expiry Date the Purchaser shall notify a Warranty Claim to the Warrantor; and

(b) the Equipment or any relevant part of the Equipment shall have become unusable as the result of defective material or defective workmanship prior to the Expiry Date.

3.2 The Warrantor's obligation under clause 3.1 shall be expressly subject to the provisions of clauses 4, 5 and 6 and conditional upon the Purchaser's compliance in full with the provisions of clause 7.

04. RESTRICTIONS

4.1 The following restrictions apply to this Warranty:

(a) This Warranty is personal to the Purchaser and neither the legal benefit nor legal burden of this warranty may be assigned or novated or otherwise transferred by the Purchaser to any other party. Any purported assignment, novation or transfer shall not be binding upon the Warrantor.

(b) This Warranty shall be void in the event that the Purchaser:

(i) cannot provide authentic and original documentary evidence that the Purchaser has during the period between the Commencement Date and the Expiry Date complied with the Maintenance and Servicing Requirements; and/or

(ii) has, during the period between the Commencement Date and the Expiry Date, exceeded the Purchaser's Usage Cycle Parameters; and/or

(iii) has, during the period between the Commencement Date and the Expiry Date, exceeded the Purchaser's Use Parameters; and/or

(iv) has carried out, or procured the carrying out by any third party of, any repair to the Equipment or any part of the Equipment which is not an Authorised Repair; and/or

(v) has operated the Equipment after having replaced any part of the Equipment with a part which has not been supplied and fitted by the Warrantor; and/or

(vi) has modified the Equipment in any way prior to use.

05. EXCLUSIONS

5.1 The following are excluded from the scope of this Warranty:

(a) Loss of and/ or damage to the Equipment or any part of it resulting from any collision between the Equipment and any other fixed or stationary or mobile object whatsoever, irrespective of whether that collision was or was not caused by the Purchaser; and/or

(b) Loss of and/or damage to any personal property and/or possessions or other equipment not forming part of the Equipment but which is present in or about the Equipment; and/or

(c) loss and/or damage which is covered by any other insurance policy taken out and maintained by the Purchaser or in respect of which the Purchaser has a contractual obligation to do so; and/or

(d) loss and/or damage to the equipment which is consistent with the use by the Purchaser of the Equipment:

(i) in compliance with the Maintenance and Servicing Requirements; and

(ii) in compliance with the Usage Cycle Parameters; and

(iii) in compliance with the Use Parameters; and

(iv) having only carried out Authorised Repairs to the Equipment; and

(v) having all and any replacement parts fitted by the Warrantor; and

(vi) in unmodified form.

06. LIMITATION OF LIABILITY

6.1 The Warrantor's liability to the Purchaser shall be limited as follows:

(a) The Warrantor shall not in any circumstances be liable to the Purchaser for indirect and/or consequential and/or economic loss suffered and/or incurred as the case may be by the Purchaser; and

(b) The Warrantor shall only be liable to the Purchaser for the reasonable and proper costs reasonably and properly incurred by the Purchaser directly in connection with the repair and/or replacement (at the Warrantor's absolute discretion) of the Equipment or any part of the Equipment; and

(c) The Warrantor's liability to the Purchaser shall notwithstanding any other provision of this Warranty, not in any circumstances exceed the Purchase Price of the Equipment.

07. WARRANTY CLAIMS

7.1 The Purchaser shall in respect of any claim against the Warrantor under this Warranty and within 24 hours of the occurrence of the subject matter of the Warranty Claim:

(a) Complete in full and submit to the Warrantor a Warranty Claim in the form annexed to Schedule 4;

(b) Provide date stamped or date identifiable photographs evidencing the claim; and

(c) Make the Equipment or the relevant part of the Equipment available to the Warrantor for inspection within 48 hours of notification of the relevant Warranty Claim.

08. ENTIRE AGREEMENT

8.1 This Warranty constitutes the entire agreement between the parties and supersedes and extinguishes all previous promises, assurances, warranties, representations and understandings between them, whether written or oral, relating to its subject matter.

8.2 Each party agrees that it shall have no remedies in respect of any statement, representation, assurance or warranty (whether made innocently or negligently) that is not set out in this Warranty. Each party agrees that it shall have no claim for innocent or negligent misrepresentation or negligent misstatement based on any statement in this Warranty.

No variation of this Warranty shall be effective unless it is in writing and signed by the parties (or their authorised representatives).

09. WAIVER

No failure or delay by a party to exercise any right or remedy provided under this Warranty or by law shall constitute a waiver of that or any other right or remedy, nor shall it prevent or restrict the further exercise of that or any other right or remedy. No single or partial exercise of such right or remedy shall prevent or restrict the further exercise of that or any other right or remedy.

10. SEVERANCE

10.1 If any provision or part-provision of this Warranty is or becomes invalid, illegal or unenforceable, it shall be deemed deleted, but that shall not affect the validity and enforceability of the rest of this Warranty.

10.2 If any provision or part-provision of this Warranty is deemed deleted under clause 10.1 the parties shall negotiate in good faith to agree a replacement provision that, to the greatest extent possible, achieves the intended commercial result of the original provision.

11. THIRD PARTY RIGHTS

11.1 This Warranty does not give rise to any rights under the Contracts (Rights of Third Parties) Act 1999 to enforce any term of this Warranty.

12. GOVERNING LAW

12.1 This Warranty and any dispute or claim (including non-contractual disputes or claims) arising out of or in connection with it or its subject matter or formation shall be governed by and construed in accordance with the law of England and Wales.

13. JURISDICTION

13.1 Each party irrevocably agrees that the courts of England and Wales shall have exclusive jurisdiction to settle any dispute or claim (including non-contractual disputes or claims) arising out of or in connection with this Warranty or its subject matter or formation.

DESIGN CONFORMITY (EC & UK)

(01) This certificate meets the requirements of the Machinery Directive 2023/42/EC of the European Parliament and Council.

(02) This certificate meets the requirements of the Supply of Machinery (Safety) Regulations 2008.

DETAILS

NAME & ADDRESS OF MANUFACTURER:
Conquip Engineering Group Ltd, Unit 4, Waterbrook Estate, Alton, Hampshire. GU34 2UD

NAME & ADDRESS OF PERSON TO COMPILE TECHNICAL FILE:
Name: Daniel Critchley Address: Conquip Engineering Group, Unit 4, Waterbrook Estate, Alton, Hampshire. GU34 2UD

NAME & ADDRESS OF AUTHORISED REPRESENTATIVE IF ONE HAS BEEN MANDATED BY THE MANUFACTURER:
N/A

NAME, ADDRESS, AND IDENTIFICATION NUMBER OF THE NOTIFIED BODY (01) OR APPROVED BODY (02), WHERE APPLICABLE:
N/A

EQUIPMENT DESCRIPTION

PRODUCT CODE(S)	GENERAL DESCRIPTION	WORKING LOAD LIMIT
CA122AD-02000	Heavy-Duty Boat Skip	4000kg
CA122AD-03000	Heavy-Duty Boat Skip	6000kg
CA122AD-04000	Heavy-Duty Boat Skip	8000kg
CA122AD-06000	Heavy-Duty Boat Skip	12000kg

HARMONISED STANDARDS & REGULATIONS

ITEM	CODE	DESCRIPTION
EC DIRECTIVE/ REGULATION	2023/42/EC	Directive 2023/42/EC- new machinery directive
HARMONISED STANDARDS	BS EN ISO 12100:2010	Safety of machinery General principles for design Risk assessment and risk reduction
	BS EN 1993-1-1: 2005	Eurocode 3. Design of steel structures General rules and rules for buildings
	BS EN 13155	Cranes- Safety- Non-fixed load lifting attachments
OTHER REGULATIONS	LOLER 1998	Lifting Operations and Lifting Equipment Regulations 1998 (LOLER)
	PUWER 1998	Provision and Use of Work Equipment Regulations 1998 (PUWER)

DECLARATION

PLACE OF DECLARATION:
Alton

DATE OF DECLARATION:
October 2025

I declare that the above equipment meets the Essential Health and Safety requirements of the

(01) Machinery Directive 2023/42/EC of the European Parliament and Council.

(02) Supply of Machinery (Safety) Regulations 2008 and Section 6 of the Health and Safety at Work Etc. Act 1974.

NAME:	POSITION:	SIGNATURE:
Daniel Critchley	Managing Director	

TALKING TO US IS EASY

WE'RE HERE TO HELP

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Email us at sales@cqegroup.com
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