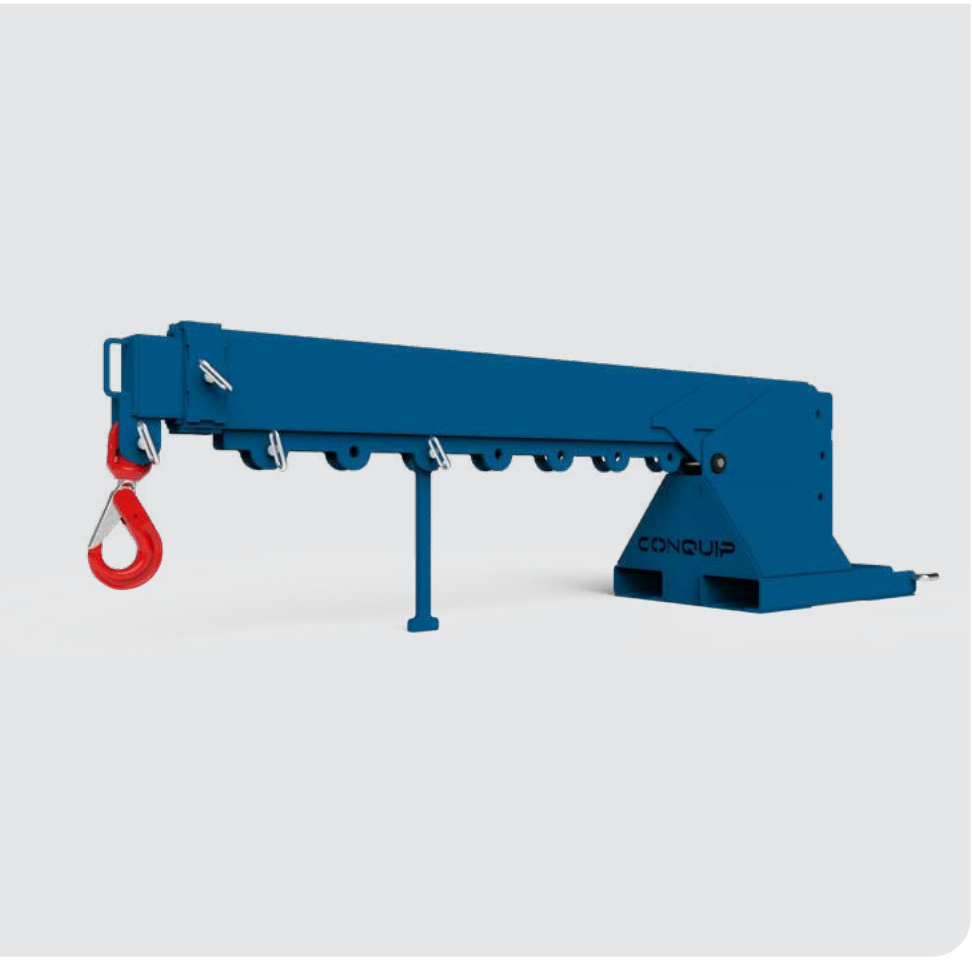
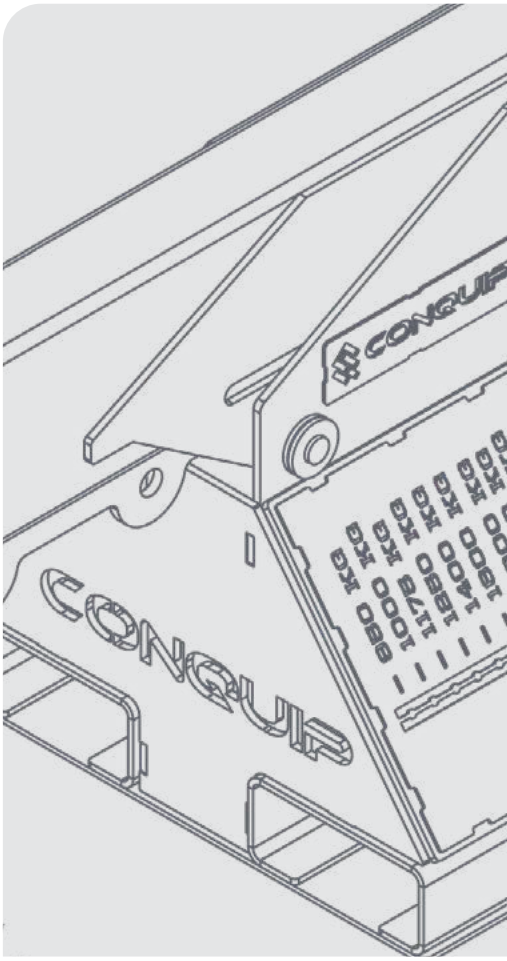
USER GUIDE

FORKLIFT CRANE ARM





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 15. It is imperative that you have read the General Safety Instructions on page 16 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.

CONTENTS

PRODUCT INFORMATION

INTRODUCTION 05
SPECIFICATION 06
PARTS DIAGRAM 08
LOADING CHART - FIXED 10
LOADING CHART - ADJUSTABLE 11

INTENDED USE

LIFTING AND CARRYING 12

OPERATIONAL PROCEDURES

IMPORTANT USAGE NOTES 12
USING WITH A FORKLIFT 13

MAINTENANCE & INSPECTION

MAINTENANCE REGIME 14
VISUAL INSPECTION SHEET 15

GENERAL SAFETY INSTRUCTIONS

SAFETY INSTRUCTIONS 16
GENERAL NOTES 17

LEGAL

TERMS AND CONDITIONS 18
EC DESIGN CONFORMITY 22
STANDARDS AND REGULATIONS APPLICABLE 23

INTRODUCTION

OVERVIEW

The Conquip Forklift Crane Arm is a fork mounted extending jib specifically designed to convert a forklift truck into a long reach mobile crane. It allows considerable flexibility to reach and transport particularly long and awkward loads.

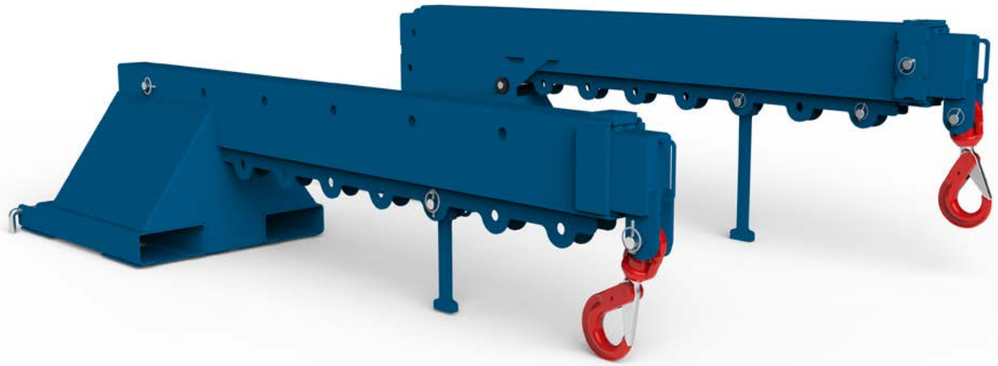
The Forklift Crane Arm is available as a fixed or adjustable angle arm, the adjustable being specifically useful for managing larger loads.

KEY BENEFITS

- Reduces the need for a crane on site to transport loads that are too long and awkward for a forklift.
- Adjustable angle crane arms can be angled to manage awkward loads.

SPECIFICATION

THE RANGE



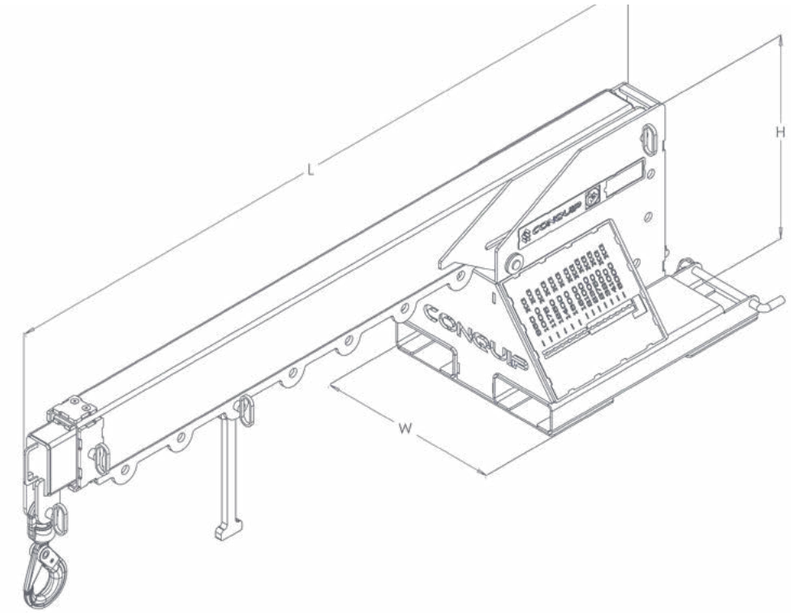
CODE	TYPE	WEIGHT (kg)	WLL* (kg)
FA811AC-03000	Fixed	180	3000
FA807AA-05000	Adjustable	260	5000

*Working Load Limit

PRODUCT INFORMATION

SPECIFICATION

ITEM	PRODUCT CODE
Forklift Crane Arm Fixed	FA811AC-03000
Forklift Crane Arm Adjustable	FA807AA-05000

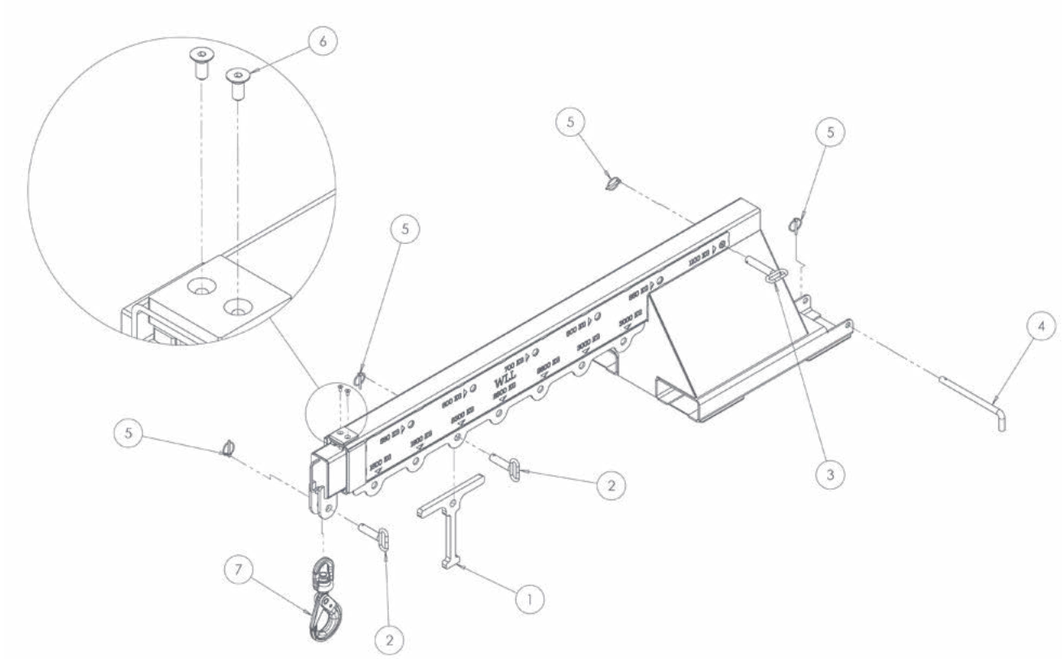


CLOSED LENGTH (mm)	EXTENDED LENGTH (mm)	WIDTH (mm)	HEIGHT (mm)	FORK POCKETS (mm)
2350	3850	685	500	198 x 78
2347	3847	661	666	198 x 78

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PARTS DIAGRAM

FIXED FORKLIFT CRANE ARM



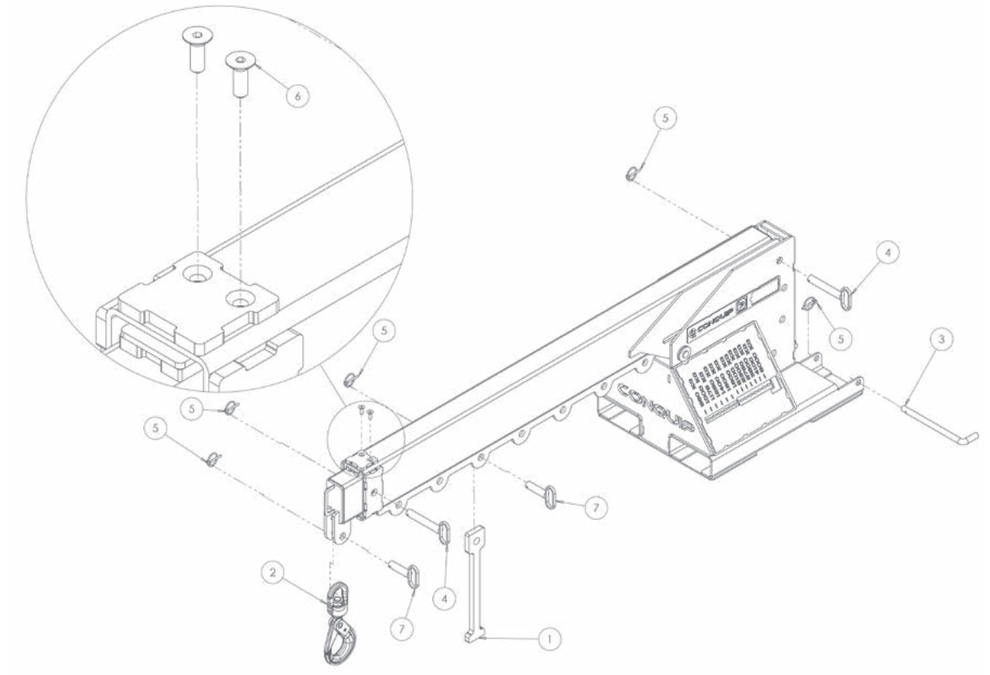
ITEM NUMBER	PART	DESCRIPTION	QUANTITY
1	ZZ410025	Support Leg 260mm	1
2	ZZ410023	Hook Load Pin 25 x 90mm	2
3	ZZ410028	Quick Release Pin 25 x 120mm	1
4	ZZ410015	Heel Pin 20mm	2
5	ZZ990009	Linch Pin 6mm	5
6	NS800859	M8 x 20 Countersunk Screw	2
7	H0700-00013	Swivel Self Locking Hook 5000kg	1

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

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PARTS DIAGRAM

ADJUSTABLE FORKLIFT CRANE ARM



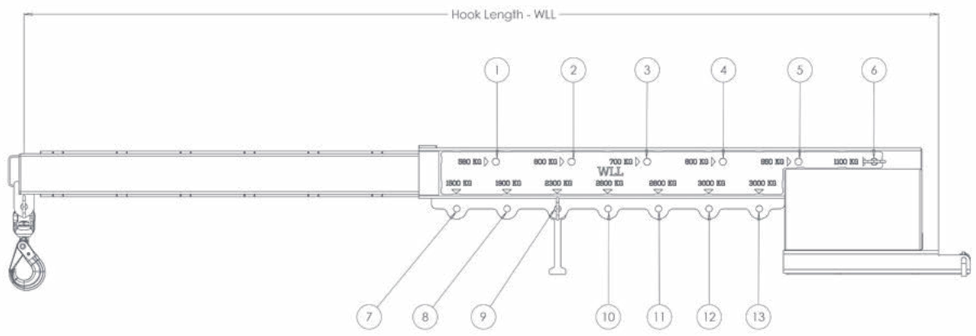
ITEM NUMBER	PART	DESCRIPTION	QUANTITY
1	ZZ410001	Support Leg 440mm	1
2	H0700-00013	Swivel Self Locking Hook 500kg	1
3	ZZ410015	Heel Pin 20mm	2
4	ZZ410018	Angle Location Pin 25 x 155mm	2
5	ZZ990009	Linch Pin 6mm	6
6	NS800838	M10 x 30 Countersunk Screw	2
7	Z410023	Hook Load Pin 25 x 90mm	2

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

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LOADING CHART

FIXED FORKLIFT CRANE ARM

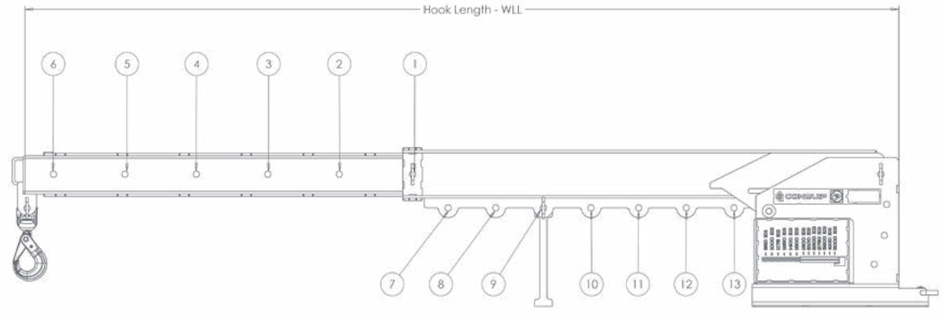


ITEM NUMBER	LENGTH (mm)	WLL* (kg)
1	3650	580
2	3350	600
3	3050	700
4	2750	800
5	2450	950
6	2150	1100
7	1900	1500
8	1700	1900
9	1500	2300
10	1300	2600
11	1100	2800
12	900	3000
13	700	3000

*Working Load Limit

LOADING CHART

ADJUSTABLE FORKLIFT CRANE ARM



ITEM NUMBER	LENGTH (mm)	WLL* (kg)
1	3675	950
2	3375	1000
3	3075	1175
4	2775	1250
5	2475	1400
6	2175	1600
7	1875	1800
8	1675	2100
9	1475	2300
10	1275	2750
11	1075	3200
12	875	4100
13	675	5000

*Working Load Limit

INTENDED USE

LIFTING AND CARRYING

Forklifts and Telehandlers are designed to lift and carry loads. When used with an attachment, the deration chart must be adhered to.

Underslung loads may be subject to specific safety precautions including risk assessments and operator training.

OPERATIONAL PROCEDURES

IMPORTANT USAGE NOTES

- If you have any concerns or questions do not use the equipment; contact your supervisor or Conquip Engineering Group.
- The reach and angle of the jib can be adjusted to suit the operator's requirement. Always refer to the loading chart of the operating machine. Where the weight of the load cannot be accurately established, the notional weight must be multiplied by an appropriate factor (typically 1.5) to allow for possible inaccuracies.
- This equipment is designed to lift the load clear of the ground, do not drag the load.
- The Forklift Crane Arm is supplied with two heel pins, one for each fork pocket. These must both be fitted correctly before use. If one or more are damaged, incomplete or missing, do not use the equipment, do not use alternatives and contact Conquip for a replacement.
- Suitably certified lifting equipment is to be used.
- Under no circumstances should the crane arm be transported when the forks are pointed towards the ground. Always lift with the forks tilted slightly upwards.

OPERATIONAL PROCEDURES

USING WITH A FORKLIFT

01. Before using, familiarise yourself with the equipment and check that the crane arm is in good condition with all parts present and correct.
02. To attach the Forklift Crane Arm to a forklift, first release the heel pin by removing the linch pin and pulling from the attachment. Set the machine's forks to the correct width for the Forklift Crane Arm fork pockets. Make sure that they are equidistant from the centre.
03. Drive the forklift to the Forklift Crane Arm, aligning the forks with the Forklift Crane Arm fork pockets.
04. Double check that all is correctly aligned, then move the forklift forward until the forks are fully inserted into the fork pockets.
05. Apply the park brake and switch off the forklift engine.
06. Insert the heel pin, ensuring it passes behind the heel of the fork, and use the linch pin to lock the heel pin in place. The Forklift Crane Arm is now ready for use.
07. The hook can be moved to any of the locating positions and, if necessary, the support leg can be moved or removed to facilitate the hook position. Only remove the support leg when it is fitted to the forklift.
08. Raise and position the hook over the load, ensuring that it is centrally aligned before lowering.
09. Lower the hook and attach to the load, ensuring tha the hook latch closes fully.
10. Carefully raise the load just off the ground and check for balance and security. Do not allow hands or feet to come between or below the load.
11. If the load is balanced and secure, carefully transport the load to its required destination, ensuring not to jolt the load. Lift with the forks tilted slightly back. When travelling with a suspended load, keep the load as low as practicable, keep speed and cornering to a minimum to avoid the load swinging.
12. When in position, the load can be lowered to the ground and the lifting hook can be released and lifted clear of the load.
13. With the crane arm free of any load, lower it to the ground.
14. Disconnect the heel pins and linch pins.
15. Reverse the forklift back and clear, then replace the heel pins and linch pins.

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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.
- 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 the machinery's condition or suitability, do not use it.

VISUAL INSPECTION CHECKLIST

INSPECTION ITEMS	RESULTS		COMMENTS
	SATISFACTORY	UNSATISFACTORY	
Serial Number			CQ.....
Product Code			
Working Load Limit (kg)			
Conforms to user guide specification			
Heel pins for damage			
Heel pin retaining clips in place			
Load pins secure			
Load pins wear			
Safety latch on hook operational			
Stand leg in place			
Telescope pin / angle location pin secure			
General visual inspection of the body			
SIGNATURE			
Name	Position	Qualification	Signature & Date

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 or 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
FA811AC-03000	Fixed Forklift Crane Arm	3000kg
FA807AA-05000	Adjustable Forklift Crane Arm	5000kg

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
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:
February 2026

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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