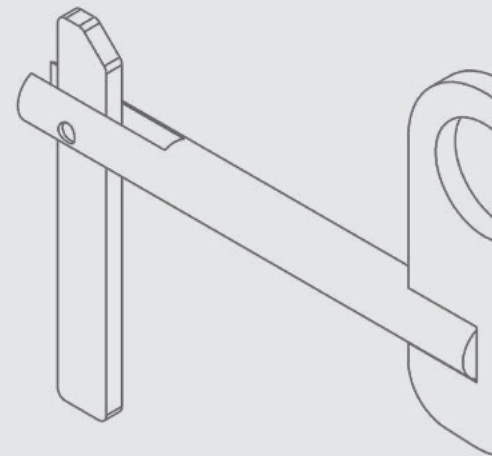
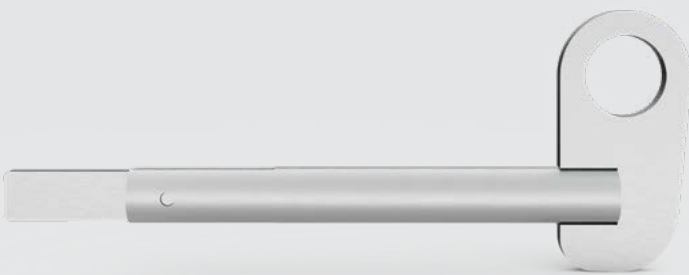


USER GUIDE

MANHOLE RING LIFTING PIN



DISCLAIMER

Do not attempt to handle or operate this equipment before you have received sufficient training. It is imperative that you have read the General Safety Instructions on page 08 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	04
SPECIFICATION	05

INTENDED USE

LIFTING AND CARRYING	08
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OPERATIONAL PROCEDURES

IMPORTANT USAGE NOTES	09
USAGE INSTRUCTIONS	09

GENERAL SAFETY INSTRUCTIONS

SAFETY INSTRUCTIONS	10
GENERAL NOTES	11

LEGAL

TERMS AND CONDITIONS	12
EC DESIGN CONFORMITY	16
STANDARDS AND REGULATIONS APPLICABLE	17

INTRODUCTION

OVERVIEW

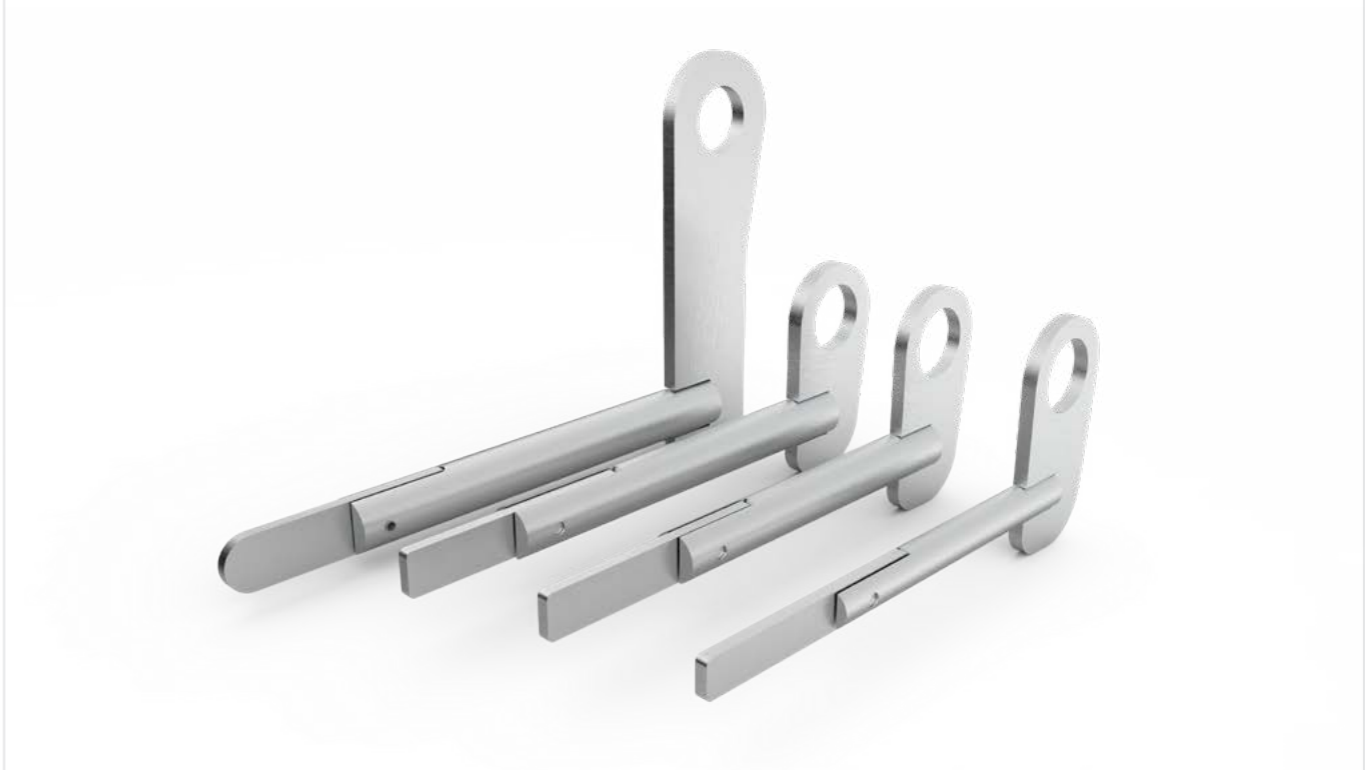
The Manhole Ring Lifting Pin is a steel pin with a lifting point for quick, safe and easy positioning of concrete manhole ring sections, using a crane or other suitable lifting apparatus.

KEY BENEFITS

- Simple design for quick, safe attachment to manhole ring sections.
- Available in a range of sizes to suit varying manhole ring diameters.

SPECIFICATION

THE RANGE

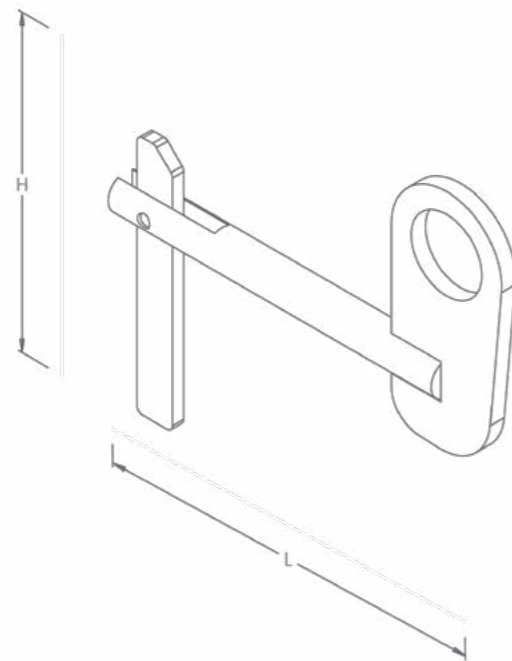


CODE	TYPE	WEIGHT (kg)	WLL* (kg)
CA211-00750	Manhole Ring Lifting Pin 750	2	750
CA211-01000	Manhole Ring Lifting Pin 1000	2.5	1000
CA211-01500	Manhole Ring Lifting Pin 1500	3.5	1500
CA211-02000	Manhole Ring Lifting Pin 2000	4	2000

*Working Load Limit

SPECIFICATION

ITEM	PRODUCT CODE
Manhole Ring Lifting Pin 750	CA211-00750
Manhole Ring Lifting Pin 1000	CA211-01000
Manhole Ring Lifting Pin 1500	CA211-01500
Manhole Ring Lifting Pin 2000	CA211-02000



LENGTH (mm)	HEIGHT (mm)	BAR DIAMETER (mm)	MAX WALL THICKNESS (mm)
270	140	25	120
310	140	32	150
335	155	35	175
375	155	38	215

INTENDED USE

LIFTING AND CARRYING

Excavators are primarily intended for the excavation and handling of loose materials and are not designed for lifting or suspending loads. The employment of excavators fitted with attachments for lifting operations, where such use is outside of standard earth-moving activities, must be properly planned, adequately supervised, and executed safely in strict compliance with Regulation 8 of the Lifting Operations and Lifting Equipment Regulations 1998 (LOLER), which requires that lifting equipment is used only for its intended purpose, inspected prior to use, and operated by competent personnel.

Furthermore, it is the responsibility of the end-user to ensure that the excavator complies with all applicable safety and design requirements, including:

- Machinery Directive 2006/42/EC, Clause 4.2.2 – requires machinery to be designed to eliminate risks during intended use and reasonably foreseeable misuse, ensuring structural integrity and operational safety when lifting attachments are employed.
- EN 474-1, Clause 4.12 – specifies requirements for stability, structural strength, and safety systems in earth-moving machinery. Compliance ensures that the excavator can safely accommodate lifting attachments without risk of overturning, structural failure, or loss of control.
- EN 474-5, Clause 4.8 – governs requirements for additional equipment and attachments, including lifting devices, ensuring mechanical compatibility, secure attachment, and safe operation within the machine's operational limits.
- Provision and Use of Work Equipment Regulations 1998 (PUWER), Regulation 4 – requires that work equipment, including attachments, is suitable for its intended task. This ensures that any lifting attachments are appropriately rated and safe for use with the excavator.
- BS 7121-1:2016 (Code of Practice for Safe Use of Cranes and Lifting Equipment), Parts on Mobile Plant Lifting – provides guidance on safe lifting practices using mobile machinery, including risk assessment, lifting planning, and operator competency, reinforcing compliance with LOLER.
- ISO 12100:2010 – Safety of Machinery: General Principles for Design – requires that machinery be designed to eliminate hazards or reduce risks to a minimum. For excavators, this ensures that any lifting operation does not compromise the original machine safety features.

End-users must verify that the excavator and any attachments are fully compliant with these provisions before undertaking any lifting operations, thereby ensuring regulatory compliance and the safety of personnel, equipment, and property.

OPERATIONAL PROCEDURES

IMPORTANT USAGE NOTES

- The Manhole Ring Lifting Pin should only be used for final positioning of the manhole ring section, not lifting the manhole ring section from one location to another.
- Lift one manhole ring section at a time, do not attempt to lift multiple manhole rings.
- The load should be applied to the Manhole Ring Lifting Pins on a vertical plane.

USAGE INSTRUCTIONS

01. Attach the required amount of Manhole Ring Lifting Pins to a suitable chain sling and attach to the crane, or other suitable lifting apparatus.
02. Insert the pin section of each Manhole Ring Lifting Pin into each of the lift point holes of one manhole ring.
03. Once the pin is fully inserted, twist the adjustable bar section of each pin downwards to hold the location of the pin.
04. Once the pins are securely attached to the manhole ring, carefully raise just off the ground or surface that it was resting on, to be able to reposition or remove the lifting sling.
05. Replace the manhole ring and release and remove the pins from the lifting point holes.

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 CODES	GENERAL DESCRIPTION / DESIGNATION	WORKING LOAD LIMIT
CA211-00750	Manhole Ring Lifting Pin 750	750
CA211-01000	Manhole Ring Lifting Pin 1000	1000
CA211-01500	Manhole Ring Lifting Pin 1500	1500
CA211-02000	Manhole Ring Lifting Pin 2000	2000

HARMONISED STANDARDS & REGULATIONS

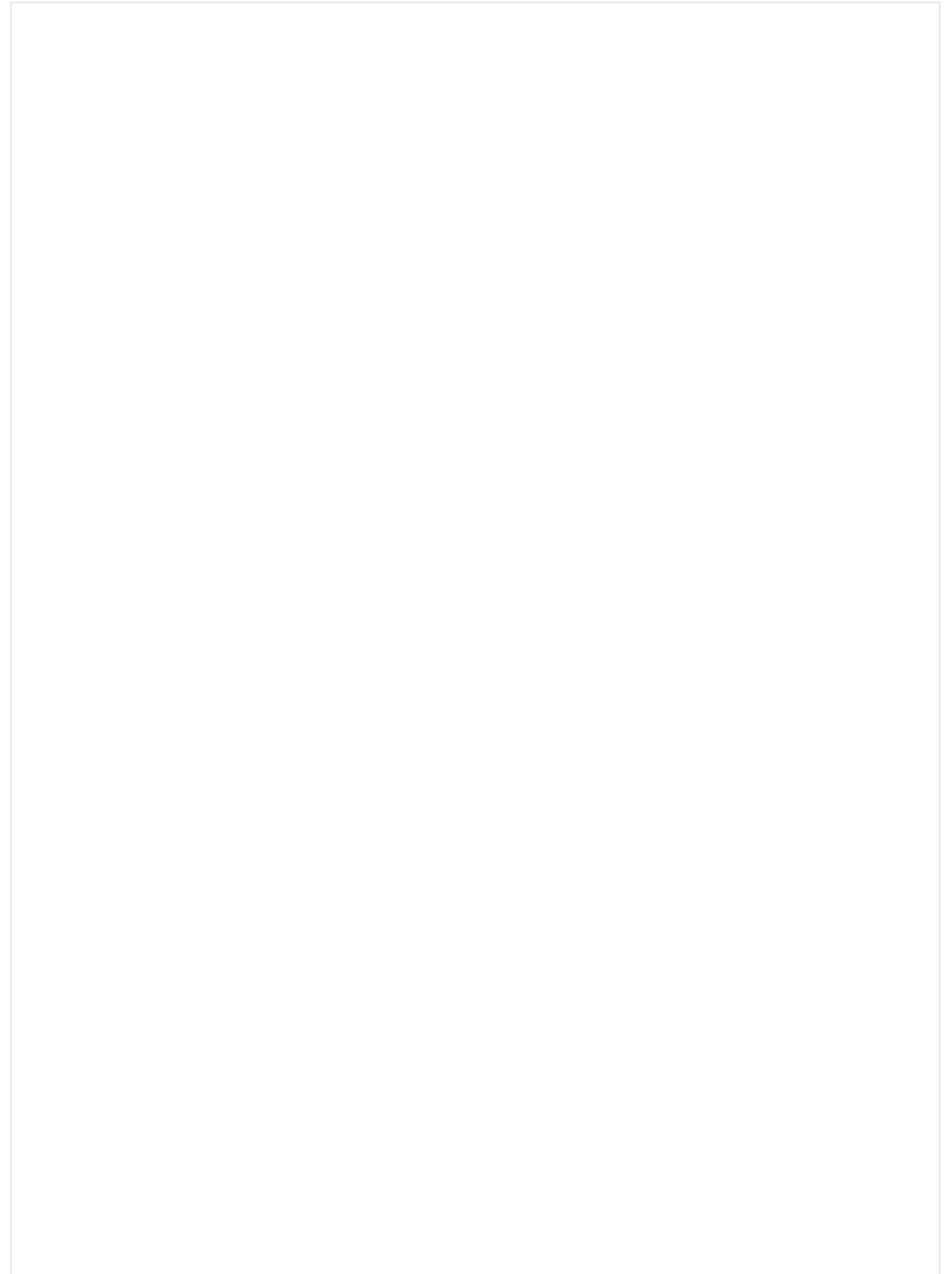
ITEM	CODE	DESCRIPTION
EC DIRECTIVE/REGULATION	2023/42/EC	Directive 2023/42/EC- new machinery directive
HARMONISED STANDARDS	BS EN ISO 12100:2010	Safety of machinery General principles for design Risk assessment and risk reduction
OTHER REGULATIONS	LOLER 1998	Lifting Operations and Lifting Equipment Regulations 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
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Email us at sales@cqegroup.com
www.cqegroup.com

