



...PORTA-GANTRY[®]

WINCH UPGRADE ASSEMBLY



Supplementary Guide

www.reidlifting.com



No. 1 in lightweight, portable, safe lifting solutions

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INTRODUCTION

All users must read these operating instructions carefully prior to the initial operation. These instructions are intended to acquaint the user the *PORTA-GANTRY* winch upgrade assembly and enable him/her to use it to the full extent of its intended capabilities.

The operating instructions contain important information on how to handle the gantry in a safe, correct and economic way. Acting in accordance with these instructions helps to avoid dangers, reduce repair costs and down time and to increase the reliability and lifetime of the gantry.

Anyone involved in doing any of the following work with the gantry must read the operation instructions and act accordingly:

- Operation, including preparation, troubleshooting during operation and cleaning
- Maintenance, inspection, repair
- Transport

Apart from the operating guide, health and safety and accident prevention act valid for the respective country and area where the gantry frame is used, the commonly accepted regulations for safe and professional work must be adhered to.

It is incumbent on the user or instigator of work with the equipment that all users have suitable medical and physical capabilities. Likewise the competent person should ensure there is a rescue plan in place in the event of an emergency that could occur during the work.

N.B. This document should form an element of the overriding Risk Assessment and Method Statement required for each lift.

WINCH UPGRADE ASSEMBLY INSTRUCTIONS

NB: Appropriate PPE should be worn:



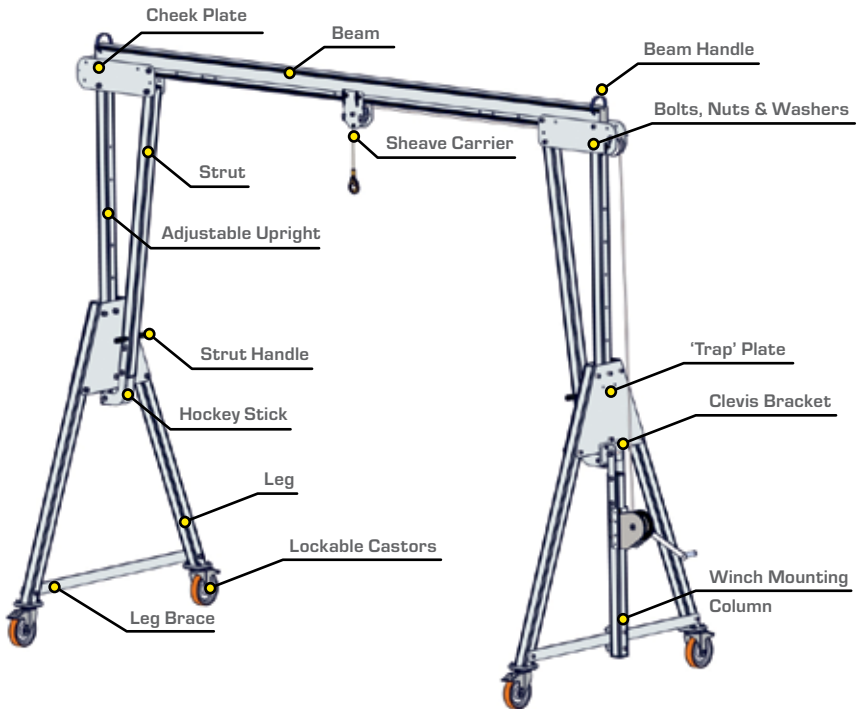
Gloves



Protective footwear

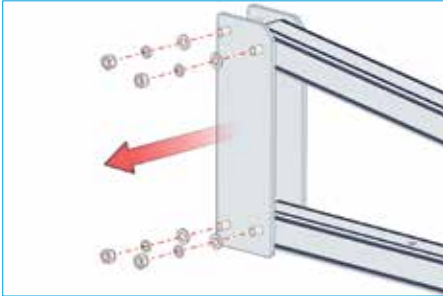


Hard hat

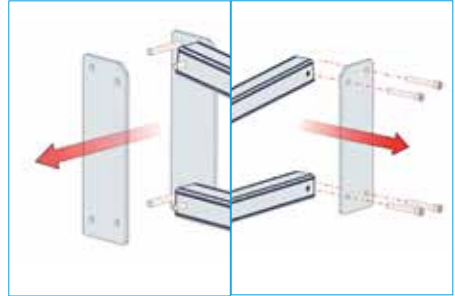


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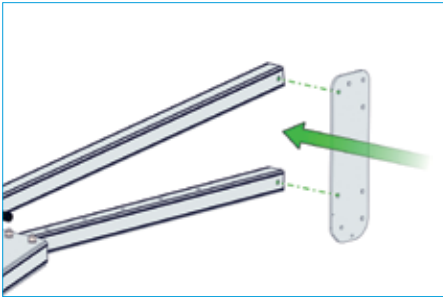
Preparing A-Frames:



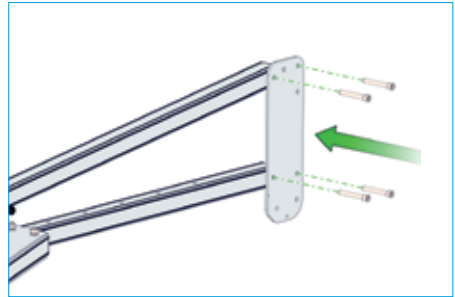
1. Remove fasteners on Cheek Plates



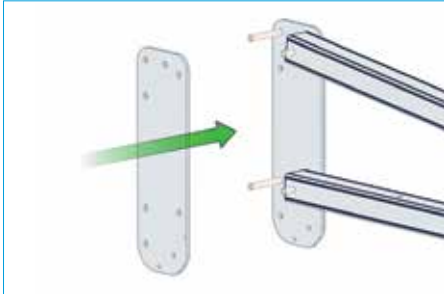
2. Remove existing Cheek Plates



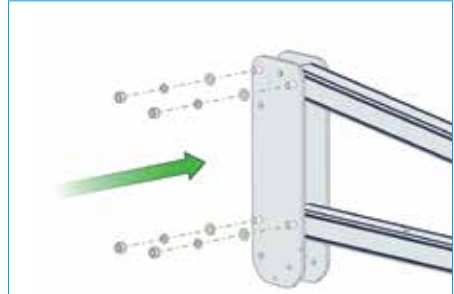
3. Present new Cheek Plate provided to A-Frame as shown in image above



4. Insert Bolts



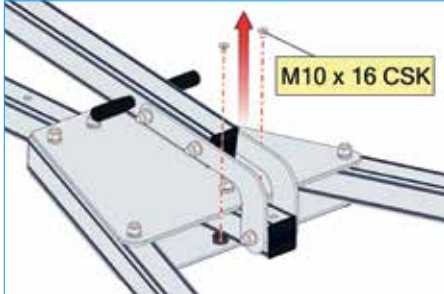
5. Present second Cheek Plate



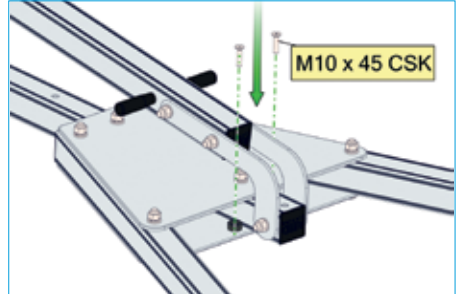
6. Secure Cheek Plates with nuts and washers

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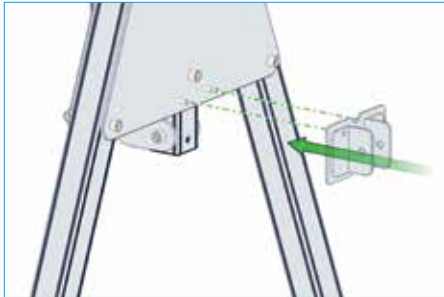
Winch Bracket Attachment:



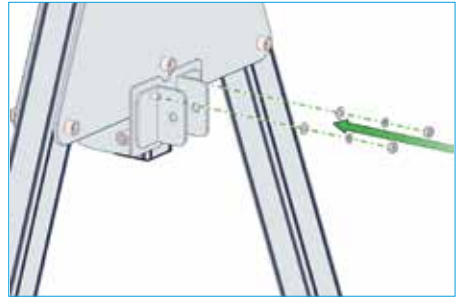
7. Remove fasteners on the Trap Plate on the A-Frame



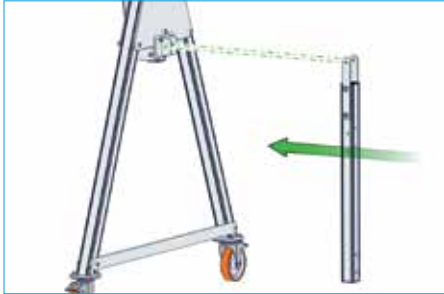
8. Insert longer bolts provided



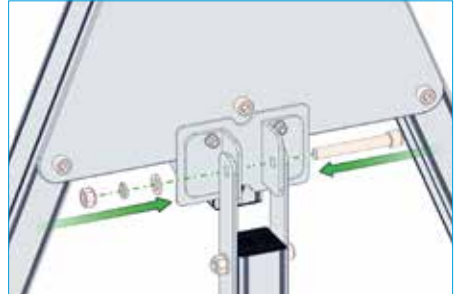
9. Attach Clevis Bracket



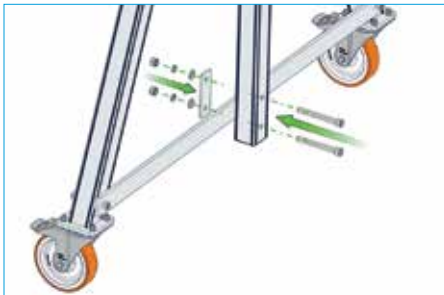
10. Secure Clevis Bracket with nut and washers



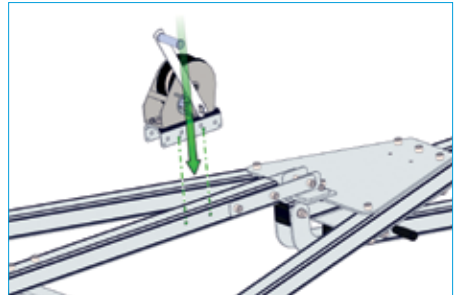
11. Present with Winch Mounting Column



12. Secure one end of Winch Mounting Column on Clevis Bracket with fasteners provided

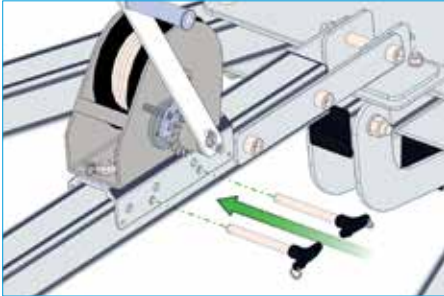


13. Secure the bottom end of Winch Mounting Column to centre point of the Leg Brace with fasteners provided as shown

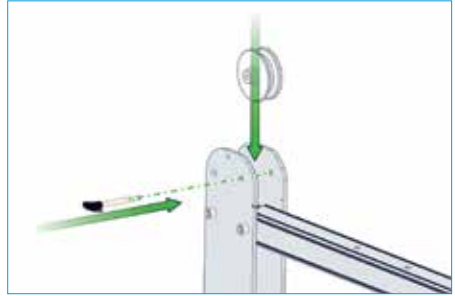


14. Present Winch to Winch Mounting Column bracket

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15. Secure Winch with ball-lock pins provided (depress button to enable insertion)



16. Attach Sheave to Cheek Plates using ball-lock pin provided



17. Take Winch Wire/Rope towards Sheave



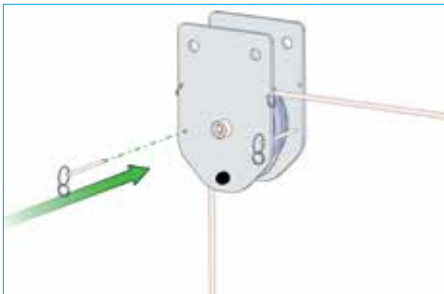
18. Thread Winch Wire/Rope around Sheave



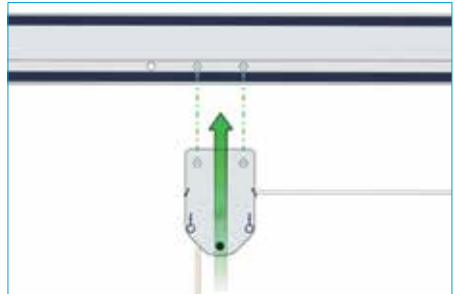
19. Secure Winch Wire/Rope with push pin provided



20. Thread Winch Wire/Rope around Sheave on the Sheave Carrier



21. Secure Winch Wire/Rope with pin provided

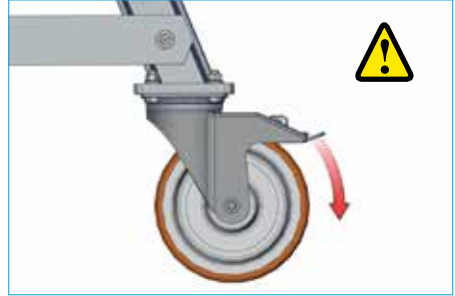


22. Attach Sheave Carrier to beam with pins provided

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23. Scissor gantry beam and A-Frames into position following assembly instructions in *PORTA-GANTRY* Assembly & Operation manual.



29. At the end of assembly release trolley brake and castor brakes to position the gantry over the load ensuring, when possible, that the load is lifted from the center of the beam.

N.B. ENSURE THE BEAM IS HORIZONTAL AND CASTORS ARE LOCKED PRIOR TO ANY LIFT.

QUALITY & SAFETY



ACCREDITATIONS

Quality and safety are key themes throughout this document and the REID Lifting ethos. It is with this in mind that we have undertaken external accreditations to ensure we stay focused on what is important to our clients and users, and ahead of market trends and developments.

REID Lifting is continuously audited by Lloyds Register Quality Assurance (LRQA) (CE body no. 0088) for approval of its Integrated Management System combining quality systems management, environmental issues and the health and safety practices within the company.

- **ISO 9001:2015** - Specifies requirements for a quality management system for any organisation that needs to demonstrate its ability to consistently provide products that meet customer and applicable regulatory requirements and aims to enhance customer satisfaction.
- **ISO 14001:2015** - Specifies the requirements for implementing environmental management systems throughout all areas of the company.
- **OHSAS 18001:2007** - Occupational health and safety management system.
- **LEEA Membership** - REID Lifting is a full member of the Lifting Equipment Engineers Association (LEEA membership 000897). REID Lifting conforms to the main aims of the association which is to achieve the highest standards of quality and integrity in the operations of members. Entry qualifications are demanding and strictly enforced through technical audits based on the Technical Requirements for Members.
- **IRATA** - REID Lifting is an associate member of the Industrial Rope Access Trade Association (IRATA International membership number 148). REID Lifting works in accordance with the IRATA Code of Practice, by doing so, contributes to promote the development of safe systems.



Conformité Européenne (CE)

REID Lifting's products have been designed, tested and approved (as appropriate) by the Conformité Européenne. This certifies that REID Lifting's products meet the demands of the European Directives and Regulations regarding health and safety requirements. The EC type-examination for this device has been carried out by SGS United Kingdom Ltd, 202B, Worle Parkway, Weston-super-Mare BS22 6WA, United Kingdom (CE body no.0120) in accordance with Module B of the PPE Regulation. The EC quality assurance system for this device has been carried out by Lloyd's Register Quality Assurance Limited, 1 Trinity Park, Bickenhill Lane, Birmingham B37 7ES, United Kingdom (CE body no. 0088) in accordance with Module D PPE Regulation (EU) 2016/425.

The Queen's Award for Enterprise

REID Lifting has been awarded this prestigious award on four occasions for design, development and sale of lightweight, portable and safe lifting solutions.



- Innovation category 2006 and 2013
- International Trade 2013 and 2018

TESTING

Testing and Technical File review are integral parts of our design and manufacturing process. External verification of products is undertaken where appropriate, using government approved Notified Bodies.

All products have been thoroughly type tested at UKAS accredited laboratories. Each system is supplied with a certificate of conformance and individual record of thorough examination or test.

Full product design and development Technical Files are available for inspection.

PRODUCT IPR

Intellectual property rights apply to all REID Lifting Ltd products. **There are patents in place, or pending, for:**

*PORTA-GANTRY | PORTA-GANTRY RAPIDE | PORTA-DAVIT
QUANTUM | T-DAVIT*

All product names are trade-marks of REID Lifting Ltd:

*PORTA-GANTRY | PORTA-GANTRY RAPIDE | PORTA-DAVIT |
PORTA-BASE | T-DAVIT | PORTA-GUAD*

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