



# **PORTA**GANTRY®

Load Bearing Pneumatic Castor Mode

> Assembly & Operation Guide

US.REIDLIFTING.COM

# **>** Contents

| Correct Operation                      | 4 | Assembly Instructions                      | 12 |  |
|--|---|--|----|--|
| Intended Use                           |   | Beam Height Adjustment                     | 16 |  |
| Inspection Prior to Initial Operation  |   | Marianta & Ordiana                         | 17 |  |
| Inspection Before Starting Work        |   | Variants & Options                         | 1/ |  |
| Maximum Capacity                       |   | Dimensions                                 | 18 |  |
| Temperature Range                      |   |  |    |  |
| Notes for Correct Operation            |   | Quality & Safety                           | 20 |  |
| Warning                                |   | Regulations                                |    |  |
| Traversing the Load                    |   | Accreditations                             |    |  |
| Moving under Load                      |   | Conformité Européenne [CE] & UK Conformity |    |  |
| Additional Notes for Correct Operation |   | Assessed [UKCA]                            |    |  |
| Warning                                |   | Testing                                    |    |  |
|  | 8 | Language                                   |    |  |
| Inspection & Maintenance               | 0 | Product IPR                                |    |  |
| Regular Inspections                    |   | Desident folge litera                      |    |  |
| Maintenance & Repair                   |   | Product Labelling                          | 22 |  |
| Storage & Transportation               |   | Inspection Record                          | 24 |  |
| ATEX                                   | 9 |  |    |  |
| ATEX                                   |   |  |    |  |
| Classification [Zone 2]                |   |  |    |  |

Spark Formation Static Electricity Inspection, Maintenance & Repair





# Lightweight. Portable. **Safe.**

Please read the following instructions and guidance notes carefully, before using or operating the system.

They contain important information about how to handle and use the system in a safe and efficient way, avoiding danger, reducing repair costs and downtime, and increasing the reliability and lifespan of the system. They apply for:

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

It is the responsibility of the end user to adhere to the Health & Safety and accident prevention standards and legislation valid in their respective countries and any regions in which the system is being used. It is also incumbent on the user or competent person to ensure that anyone working with the equipment has the necessary medical and physical capabilities. A rescue plan also needs to be in place in the event of an emergency that could occur during the work. This document should form part of the overriding Risk Assessment and Method Statement required for each lift.

# Correct Operation

### **Intended Use**

This product is designed, tested and intended to be used for the lifting of goods.. The use of our products for these multiple applications is consistent with the products design, notwithstanding preuser inspections and mandatory inspections by a competent or qualified person, determined by local regulations.

### **Maximum Capacity**

Lifting of Goods: Each product will be marked with a Capacity. The capacity is specifically intended as a maximum limit for the lifting of goods, materials and equipment and includes safety factors. When using modular gantries, due to the interchangeability of A-Frames and beams to suit the customers need, the lowest rated element of the gantry always takes precedent. A-Frames are independently marked with a capacity for safety.

### **Inspection Prior to Initial Operation**

Each product must be inspected prior to initial operation by a competent person to ensure that the structure is safe and that it has not been damaged by incorrect assembly, transport or storage.

# **Inspection Before Starting Work**

Before starting work, the product assembly and all load-bearing components should be checked for visual defects. This includes checking the integrity of all profiles for denting, making sure there is no wear or elongation on the bolt holes and ensuring that the trolley moves freely along the beam.

## **Temperature Range**

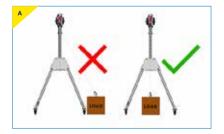
This product can be operated in ambient dry temperatures between  $-4^{\circ}$ F to 122°F ( $-20^{\circ}$  to  $+50^{\circ}$ C). Consult your supplier in case of extreme working conditions.

### **Notes for Correct Operation**

- > We recommend the use of load-sensing or overload protection devices on all lifts
- The risk assessment and method statement must take into account any factors that might apply additional loading to the product during lifting operations
- Suitable, appropriately rated winches and connection plates must be used for all applications
- > Take care when transporting and storing the product to avoid damage
- Assemble only as instructed (ensure all bolts are present and fitted correctly as per instructions)
- > We recommend that appropriate PPE are worn when using the equipment
- The product should be set up at a safe distance from the lift area, before moving the structure into place
- The beam must be horizontal prior to any lift and A-Frames vertical and parallel to each other
- Do not use the product if the trolley does not run freely along the beam. (for certain applications, the trolleys can be locked into position)
- Attach the hoist to the lifting point on the trolley only, making sure it is attached in a way that does not expose the user to danger by the hoist, chain or load



- > Do not allow the load to swing
- > When lifting keep the load low to the ground.
- Only raise and lower loads when castor brakes are engaged
- To ensure stability of the structure, the operating span of the beam (C) must be equal to or greater than the distance between the castors on the A-Frame (G)
- The supporting ground/structure where the gantry is to be used must be stable and capable of withstanding the maximum expected load applied during use
- To avoid side pull, lowering and lifting should only be carried out when the load chain forms a straight and vertical line between the load and lifting attachment point on the trolley (refer to figure A)



#### Warning

- The equipment should not be used outside of its limitations, or for any purpose other than that for which it is intended
- When winching, only use one winch with each sheave and make sure they never cross paths with each other
- > Do not lift or transport loads while personnel are in the danger zone
- Do not allow personnel to pass under a suspended load
- > Never leave a suspended load unattended.
- Do not start moving the load along the beam until you have checked that it has been attached correctly
- When moving a loaded trolley along the beam, move the load steadily and in a controlled manner and avoid sudden movements
- > Don't allow the load to hit the product frame
- Be aware of hazards when setting up/folding down, such as trapping fingers in rotating parts
- Be aware of any adverse weather conditions such as strong or gusty winds which could impose additional horizontal loads and affect the stability of the structure. Stop using if weather is impacting on lifting, and either disassemble the gantry or tie it to a rigid structure to ensure it can't overturn

#### **Traversing the Load**

Due to a high modulus of elasticity in aluminum, when loaded the gantry beams will deflect. This is perfectly normal for our products. Using aluminum enables us to achieve the highest levels of strength to weight ratio, which is an important feature of portable gantries. The level of deflection will be determined by the span length and the beam profile that is being used, as well as the weight of the load being lifted.

Before traversing loads on the **PORTA**GANTRY, it is important to take in to account the following;

- > Only use appropriate REID trolleys to move the load on the beam
- When moving a loaded trolley along the beam, move the load steadily and in a controlled manner. Do not apply an excessive force to try and move the load if it does not move easily
- Depending upon the beam section (A, B or D), beams will deflect when loaded. This is normal. The greater the load, the greater the deflection. Please refer to our beam deflection table for more information. Deflection must be taken into consideration when planning the lift
- Any traversing of loads along the beam must be performed in a controlled manner to ensure complete stability of the structure throughout the operation

# Correct Operation

- Deflection of the PORTAGANTRY can be reduced (or limited) by increasing or down rating its capacity by 50%. Increasing the beam section can also help limit deflection. Please contact REID for further advice
- Another safe recommendation for moving the load along the beam is to use a mechanical aid. REID Lifting can supply you with our geared Trolleys, rope control systems or shackled cheek plates can be fitted. The rope control system is particularly useful on longer beams or where the gantry is at maximum height of lift
- Using a mechanical aid such as a geared trolley, chain hoist in conjunction with shackled cheek plates or rope control system for traversing the load helps optimize the gantry capacity

The Trolley Rope Control system has the added advantage of enabling the operator to control the movement of the trolley from a safe location at the side of the gantry. The system includes a winch and series of sheaves that produce a mechanical advantage and reduce the effort during operation.

For guidance we recommend the maximum loads that can be safely moved with standard trolleys without a mechanical aid (subject to all other site conditions being taken into consideration in a risk/ hazard analysis) are:

- A section beams up to 15' = < 1100lb or 50% capacity of the gantry whichever is lower
- > B section beams up to 18' = < 1100 b or 50%

capacity of the gantry whichever is lower

- D section beams up to 18' = < 2200lb or 50% capacity of the gantry whichever is lower
- D section beams up to 27' = < 1100lb or 50% capacity of gantry whichever is lower</p>

To be able to effectively and safely move loads above these limits the operator should use the most appropriate mechanical aid. For further advice, please contact REID Lifting or a qualified or competent person.

Incorrect use of the gantry could lead to accidents causing personal injury and/ or damage to equipment and infrastructure.

Please ensure that the advice and guidelines in this Assembly & Operation Guide are followed.

### **Moving Under Load**

When moving the gantry underload, the following instructions **MUST** be followed:

- > This product can only be moved in the direction perpendicular to the beam
- Directional locks must be used on the castors (perpendicular to the beam only)
- The end user MUST make sure the center of gravity of the load is known and the lifting points are in such a way that the load is EQUALLY distributed, so the load generates a vertical pull to the beam
- > The load is not allowed to swing
- The floor must be flat, free from substantial cracks, steps or changes in levels and the weather conditions should be safe for the operation (i.e. not when frost, ice or snow present)

#### Standard Beam Length [in]

| Capacity [lb] | 10        | 13        | 15       | 18       | 20        | 27        |
|---------------|-----------|-----------|----------|----------|-----------|-----------|
| 4400          | A         | A         | A        | B        | D         | D         |
|               | 1" - 1¼"  | 1½" - 1¾" | 2" - 2½" | 2½" - 3" | 1¼" - 1¾" | 3¾" - 3½" |
| 6600          | B         | B         | B        | D        | D         | D         |
|               | 1¼" - 1½" | 1¾" - 2"  | 2½" - 3" | 1½"-2"   | 2" - 2½"  | 4½" - 4¾" |

Approx Beam Deflection at Max Capacity [in]



- A risk assessment and method statement are required to be completed by a competent person before moving the gantry under load
- This products movement must be controlled at a slow speed, no sudden movements or high speeds are allowed
- Always carry out pre-use checks before using this equipment. It is advised to use a buddy system and inspection must be by a competent person
- To ensure stability of the structure, the operating span of the beam must be equal to or greater than the distance between the castors on the A-Frames
- Ensure the structure on which the product is mounted is horizontal. If necessary, adjust the products feet to achieve a level operating structure
- The substrate of the structure on which the product is placed must be able to sustain the loads specified for the device in all orientations permitted, including a safety factor of at least 2
- > Where required by regulation, each installation must be approved by a qualified person
- Always wear appropriate PPE when installing, setting up, dismantling and using this equipment
- Misuse of this product could result in serious injury or death





# > Inspection & Maintenance

The following information is based on REID Lifting's recommendations and does not remove the responsibility of the user to comply with the relevant regulations and standards that are valid in the respective countries and regions where the system is being used.

### **Regular Inspections**

To ensure that the product's frame remains in safe working order it must be inspected regularly by a competent or qualified person. We recommend inspections every 12 months for goods only, unless local regulations, adverse working conditions or profile of use and risk dictate shorter periods. The components of the system need to be checked for damage, wear, corrosion or other irregularities. It may be necessary to disassemble the system in order to do this. Particular attention should be paid to checking the profiles for denting, pins and fixings for integrity, making sure there is no wear or elongation on the bolt holes and ensuring that the trolley moves freely along the beam.

It is recommended that once inspected or repaired, the device is marked with the date of the next inspection.

Inspections are instigated by the user. If detailed information is required on inspection and test criteria, please contact your supplier's technical department or REID Lifting.

The equipment Inspection Record is on page 24.

If using the product in explosive atmospheres, see additional section titled ATEX.

# **Maintenance & Repair**

In order to ensure correct operation, the conditions for inspection and maintenance must be complied with. If any defects are found, stop using the product immediately.

No alterations or additions to the equipment beyond the replacement of standard parts by an authorized representative should be made without the written consent of the manufacturer. Any necessary repairs identified during inspections should only be carried out by an approved specialist workshop using original spare parts. Any repair must be carried out in accordance with the manufacturer's instructions.

It is recommended to maintain the equipment in a clean and dry manner. Cleaning is suggested using a sponge or cloth with warm, soapy water, rinsing and allowing to dry.

This product must be assembled using metric fixings of the same type and quality as those supplied by the original manufacturer only. Failure to do so could have an impact on the structural performance and stability of the product. REID Lifting and its resellers can supply these spare parts locally.

# **Storage & Transportation**

When transporting the components, take note of all the manual handling considerations.

Do not throw the product down or stack any items on top of it.

Always place carefully and securely on the ground to avoid damaging the equipment.



# ATEX

This product has been designed for use in explosive atmospheres in line with the following requirements and information. Any use which differs or exceeds this is considered incorrect and REID Lifting Ltd will not accept any responsibility or liability for damages resulting from false application. The risk is solely with the user. If the product has been customised in any way, then it may not comply with standards and no longer be suitable for use in explosive atmospheres. If this is the case, then the product will not have any of the markings below. If in doubt, please contact your REID representative.

# **Classification** [Zone 2]

As standard, the product meets the requirements of Category 3 equipment for use in Zone 2 explosive atmospheres, providing a normal level of protection where mixtures of air and gases, vapours or mists or by air and dusts mixtures are unlikely to occur or, if they do occur, are likely to do so only infrequently and for a short period only.

The product will have the following identification on the serial label:

# As Standard for Zone 2 Environments:

Ex h IIC T6 Gc Ex h IIC T85°C Dc Tamb -20°C to +55°C



### **Spark Formation**

There is an increased danger of ignition when certain material pairings clash, namely noncorrosion-resistant steel or cast iron against aluminium, magnesium or pertinent alloys. This applies especially in the case of rust or surface rust. When assembling the product and inserting fastening components, these must therefore be clear of rust and debris of any kind. As stated previously, care must be taken to ensure the gantry is handled in a suitable manner, never thrown down and always placed carefully onto the ground.

- For Zone 2 applications, the height of the system should not be adjusted using the ratchet mechanism and/or geared wheel within those zones
- REID recommends the use of corrosion resistant tools when assembling this system to prevent the possibility of any sparks



## **Static Electricity**

For Zone 2 applications, there is a potential risk of static electricity build-up leading to an incentive spark. Although the risk of such ignition is unlikely, the product must be earthed during assembly and use. This can be achieved by attaching an earthing lead to a convenient location on metallic parts of both the product and trolley.

#### **Inspection, Maintenance & Repair**

Special attention should be given to dust deposits on the structure, especially in areas where the profiles come into contact, and should be wiped clean and care taken not to apply materials that could create electrostatic charging. Additionally, the bearings in the trolley rollers and castors should be checked to ensure they rotate freely.

The structure is predominantly constructed from aluminum which will not rust. However, there are steel components used throughout. These are; fasteners, castors, master-link, trolley rollers, A-Frame height adjustment gearing product (if fitted) and the height adjustment ratchet (if fitted).

Where there is sign of any rust deposits on the aluminum structure, it should be wiped clean as above and, where there is sign of rust on a steel component, that component should be removed from use and the structure not used until a replacement is fitted. If using the product in explosive atmospheres, in addition to the Regular Inspection and Maintenance information above, these additional instructions should be followed:

- Inspections must be instigated by the user prior to each use if used in a potentially explosive atmosphere
- Inspections and maintenance must be carried out at a safe distance away from an explosive atmosphere



# > Assembly Instructions

Hard Hat

Protective Footwear

Gloves

Appropriate PPE should be worn:

The **PORTA**GANTRY and its constituent components are described in the image below.







#### Gantry Tool Set (supplied as an option):

- Ratchet handle 1/2" sq drive
- > 1" socket
- > 1" combination spanner
- %16" long series allen key
  %16" Hex key socket
- > Strap Kit
- > Pulling device



 Lift the A-Frame and unfold the assembly wheel leg. This will allow the A-Frame to rest between the wheel assembly leg and the pneumatic castors.



Lay the two A-Frames a beam length apart on a flat surface in line with each other. Offer one end of the beam to the rear bolt-hole on the cheek-plate and insert a bolt, repeat on opposite A-Frame. Ensure trolley is fitted and locked onto the beam before securing the beam to the frames.



Attach the required length straps (strap kits available from REID), and a masterlink to both sides of the A-Frame forming a 'V'.



Attach the extension strap to the masterlink, this is to ensure the pulling device will be located inside of the beam span and not under the A-Frame.



Position the pulling device (available to purchase from REID) between the masterlink and extension strap and connect it up, ensure the pulling device is located around the centre of the beam.

# > Assembly Instructions



If attaching a lifting device to the gantry, ensure you attach this now and brake the trolley using the hand wheel.

 Engage the directional locks and apply the brake to one side of the gantry, castors need to be rotated to the orientation shown in images.



 Operate the pulling device and erect the first
A-Frame. The assembly aid leg can be folded down once the A-Frame is lifted off the floor to maintain the working span of the beam.



Insert the bolts into the A-Frame and tighten, securing the beam in place.



To erect the second A-Frame, place the brake on the first A-Frame [that is in position] and ensure break on the second A-Frame is not engaged.



> Operate the pulling device again and erect the second A-Frame.



Insert the bolts into the A-Frame and tighten, securing the beam in place.





 Remove all of the straps, masterlinks and pulling devices from the gantry.



The shackled cheek plate has an integrated shackle pull point which allows for the attachment of a mechanical aid such as a chain hoist to control the movement of a loaded trolley along the beam.

#### 14a

By utilising a chain hoist to connect the trolley to the shackle the effort required to move a load during a lifting operation will be significantly reduced. This enables controlled movement of a load and ensures gantry stability when traversing a load along a beam.



Raise the gantry to the height required using the ratchet attachments.



> Before performing a lift, ensure that the castors are positioned perpendicular to the beam and that the brakes are applied.



> The gantry is now ready to be used.

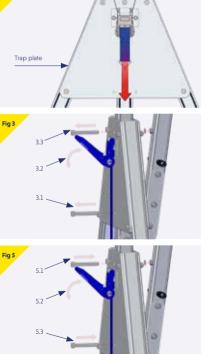
# > Beam Height Adjustment

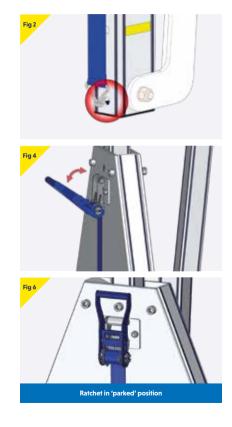
# **Ratchet System**

Two Person Operation Recommended – one on each A-Frame.

Always wear gloves when using this item.

- Release Ratchet (Figure 1). Ensure the hook at the end of ratchet strap is positively engaged within the bottom hole of the A-Frame upright (Figure 2)
- > Ensure Castor brakes are engaged
- > Remove lower bolt on trap plate [3.1]
- > Tension ratchet strap to take the upright/beam weight [3.2]
- > Remove upper bolt on trap plate [3.3]
- Operate ratchet to adjust height to required setting, ensuring that the bolt holes are aligned as in figure 5
- Re-insert upper bolt and nut/washer assembly [5.1]
- > Ease tensioned strap aside [5.2], re-insert lower bolt and secure [5.3]
- Repeat steps on the second A-Frame, ensuring that the gantry uprights are vertical, and the beam is horizontal
- Check all bolts on the gantry are sufficiently secure by ensuring all spring washers are fully depressed





# > Variants & Options

# **Shackled Cheek Plates**

The cheek plate with shackle pull point offers a mechanical aid to move the load along the beam in a control manner.

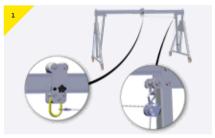
A chain block is required for this operation with a minimum capacity of 550lb.

# **Notes for Correct Operation**

- Ensure the chain block is attached to the shackle on the cheek plate, and on the master link of the trolley
- The movement of the load should be from the center of the beam to the A-Frame where the chain block is attached
- The load chain will allow for the movement of the trolley, controlled by the operator using the hand chain on the block
- If the load is required to be moved in both directions along the beam a second chain hoist can be added on the opposite shackled cheek plate

# **Customised Configurations**

For customised systems additional assembly and operation information may be provided as required.



- Connect the chain block to the shackle on the cheek plate as shown
- Release the load chain until reaching the master link of the trolley, connecting the hook as shown

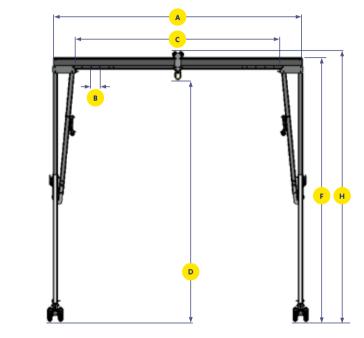


> Operate the chain block to move the trolley along the beam



# **PORTA**GANTRY<sup>™</sup>





## **Beam Height Adjustment**

The height of each gantry beam is easily adjusted by the release of 2 bolts on each upright and can be easily and safely raised into position by increments of 4".

G



# **Beam Options (in)**

#### Standard Beam Length A (in) (Clear Operating Span C = A - $40^{1/2}$ ")

Weight of Beams [lb]

|          |            | 10    | 13      | 15      | 18     | 19      | 27       |
|----------|------------|-------|---------|---------|--------|---------|----------|
|          | A (in)     | 9'10" | 12' 10" | 15'     | 18' ½" | 19' 8½" | 27' 6½"  |
| <u>@</u> | C min (in) | 5'1¾" | 6' 10¼" | 6' 4½"  | 9' 5"  | 11' ¾"  | 18' 11¼" |
| Capacity | C max (in) | 6'5½" | 9' 5¾"  | 11' 7¼" | 14' 8" | 16' 3¾" | 24' 2¼"  |
| Cap      | 4400       | 49    | 64      | 75      | 114    | 205     | 286      |
|          | 6600       | 49    | 81      | 95      | 187    | 205     | 286      |

\*Clear operating span for D section beams is C = A - 40" To ensure stability of the structure, the operating span of the beam must be equal to or greater than the distance between the castors on the A-Frame.

## Frame Sizes (in)

|                              |                          |                     |                          | Dime                         | ensions [in]                   |                                |         |             |                        |                     |
|------------------------------|--------------------------|---------------------|--------------------------|------------------------------|--------------------------------|--------------------------------|---------|-------------|------------------------|---------------------|
|                              | Dmax                     | E                   | Dmin                     | Fmax                         | Hmax                           | Hmin                           | G       | A frame     | Trolley roller<br>size | Castor<br>dimension |
| Frame size<br>[Product Code] | Height to<br>lifting eye | Height<br>increment | Height to<br>lifting eye | Height to top<br>of the beam | Height to top<br>of the roller | Height to top<br>of the roller | Width   | weight (lb) |                        |                     |
| US-PGAS04400I-PN             | 10' 10¼"                 | 10 × 4"             | 7' 6¾"                   | 11'11¼"                      | 12' 2½"                        | 8'11"                          | 6' 8"   | 207         | 31⁄4"                  | 1' 1/2"             |
| US-PGAS04400TC1-PN           | 19' 5"                   | 18 x 4"             | 13' 6"                   | 20' 7¼"                      | 20' 10½"                       | 14' 11½"                       | 9' 11¼" | 321         | 31⁄4"                  | 1' ½"               |
| US-PGAS04400TC3-PN           | 16' 9¼"                  | 12 x 4"             | 12' 10"                  | 17' 11½"                     | 18' 2¾"                        | 14' 3½"                        | 9' 4¼"  | 297         | 31/4"                  | 1' ½"               |
| US-PGAS04400T-PN             | 13' 9¼"                  | 12 x 4"             | 9'10"                    | 14' 10¼"                     | 15' 1½"                        | 11' 2¼"                        | 7' ¼"   | 220         | 31/4"                  | 1' ½"               |
| US-PGAS06600I-PN             | 10' 10¼"                 | 12 x 4"             | 7' 6¾"                   | 11'11¼"                      | 12' 2½"                        | 8'11"                          | 6' 8"   | 257         | 31/4"                  | 1' ½"               |
| US-PGAS06600TC2-PN           | 18' 6¼"                  | 16 x 4"             | 13'3¼"                   | 19' 7¼"                      | 19' 10½"                       | 14' 7½"                        | 9' 11¼" | 310         | 31/4"                  | 1' ½"               |
| US-PGAS06600TC3-PN           | 16' 9¼"                  | 12 x 4"             | 12' 10"                  | 17' 11½"                     | 18' 2¾"                        | 14' 3½"                        | 9' 4¼"  | 297         | 31/4"                  | 1' ½"               |
| US-PGAS06600T-PN             | 13' 9¼"                  | 12 x 4"             | 9'10"                    | 14' 10¼"                     | 15' 1½"                        | 11' 2¼"                        | 7' ¼"   | 284         | 31/4"                  | 1' ½"               |

Dimensions use standard Master Link Trolley, other options available to increase resulting height of lift (HoL) and to assist with load movement.



#### **Regulations**

This product complies with the following:

- > ATEX Directive 2014/34/EU
- > Machinery Directive 2006/42/EC
- > PPE Regulation (EU) 2016/425
- The Provision and Use of Work Equipment Regulations 1998 (S.I. 1998 No. 2306)
- The Lifting Operations and Lifting Equipment Regulations 1998 (S.I. 1998 No. 2307)

It is essential to adhere to the safety regulations of the respective country for using manual lifting equipment.

### Accreditations

Quality and Safety are at the heart of the REID Lifting ethos and we are committed to maintaining the very highest standards. With this in mind, 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) for approval of its Integrated Management Product combining quality products management, environmental issues and the health and safety practices within the company
- ISO 9001:2015 Quality management product which assesses an organization's 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 products throughout all areas of the organization
- > ISO 45001 Health & 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



# Conformité Européenne [CE] & UK Conformity Assessed [UKCA]

REID Lifting's products have been designed, tested and approved (as appropriate) by the Conformité Européenne and UK Conformity Assessed. This certifies that REID Lifting's products meet the demands of the European and UK 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, Westonsuper-Mare, BS22 6WA, United Kingdom (CE body no.0120) in accordance with Module B of the PPE Regulation. The EC guality assurance system for this device has been carried out by SGS Fimko Oy, Takomotie 8, FI-00380 Helsinki, Finland. (CE body no. 0598) and SGS United Kingdom Ltd, 202b, Worle Parkway, Weston-super-Mare, BS22 6WA, United Kingdom (CE body no.0120) in accordance with Module D PPE Regulation (EU) 2016/425 and as brought into UK law and amended.

## **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. Each product is supplied with a certificate of conformance and individual record of thorough examination or test.

#### Language

It is essential for the safety of the user that if this product is re-sold outside of the original country of destination, the reseller shall provide instructions for use, maintenance, inspection and repair in the language of the country where it will be used.

### **Product IPR**

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

PORTAGANTRY" | PORTAGANTRY MAPPE" | PORTADAVIT (MANTUM" | TDAVIT"

All product names are trademarks of REID Lifting Ltd:

PORTAGANTRY" | PORTAGANTRY MANTER ' | PORTADAVIT" | PORTABASE" | TDAVIT" | PORTAQUAD"

# Product Labelling Key

# Safety Labels

| -i- | —fie |
|-----|------|
|     |      |
|     |      |

Insert and secure the bolt before loading the system.



Insert the detent pin and fully engage before loading the system.



Insert the clevis pin and secure with the clip before loading the system.



Restraint point only.



Read the operational manuals before using the system.



Ensure the pin is fully engaged.

# **Serial Labels**

- 1. Product Number
- 2. Serial Number
- 3. WLL
- 4. Year of Manufacture
- 5. Standards
- 6. ATEX
- 7. Max Moment

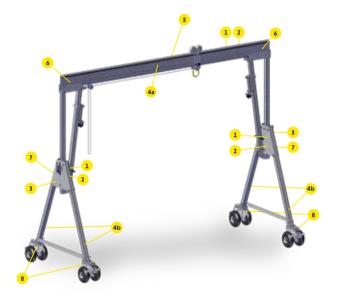


The system is not suitable for fall arrest applications.



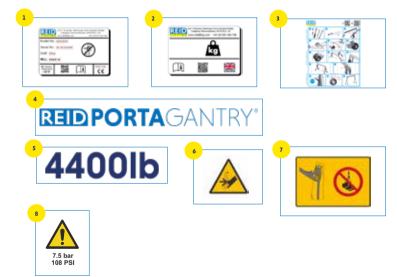
The system is suitable for fall arrest applications. Specify number of users. Max weight of 330lb.

# > Product Labelling



#### Product labelling

The following labels must be present on your system and must be legible.



# > Product Identification & Inspection Record



## Marking

The serial labels indicate:

- > The product identification number
- > The product's unique serial number
- > The goods' capacity (WLL) of the device
- > The year of manufacture
- > The standards to which the device is approved
- > The ATEX rating of the product (if applicable)
- > CE Marking
- > Minimum braking load (MBL)

Insert data from serial numbers found on product into table here:



# Periodic Examination & Repair History

| Date | Inspected by | Pass/Fail | Corrective Action | Comments |
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