ABOUT US

Taking "technology drive, quality occupy market" as target, CLESCRANE has rich experience in global customer project management, design, quality management and after-sales service. CLESCRANE is dedicated to become an expert in intelligent logistics warehousing, biomass power generation and intelligent material sorting. We are committed to providing global customers the most suitable solutions and high quality products, helping customers to bring their products to market quickly and shorten investment return cycle.

"I won’t sell the future for a short term profit”. CLESCRANE adheres to this concept and is determined to become your most trustworthy partner in the field of material handling.
LRG Series Aluminum Gantry Crane

Convenient and quick to install portable crane has brought a new solution for the lifting and handling of goods
Portable quick-mounted hand push gantry crane
Its design according to standard: EN795B
Convenient, quick installation
Modular design
- Capable to lift heavy objects to 1000kg weight
- Capable to lift personnel to 500kg weight

Various explosion-proof environment
Various clean room environment
Advantages

**Portability**
- Only need 1-2 people to transport and carry
- Self-weigh only 33kg

**Compactness**
- Foldable aluminum alloy structure
- After folding it becomes compact and easy to carry

**Load trolley**
- Simple and quick installation
- The wheels are made of high strength nylon

**Packing and shipping**
- Use non-fumigation wooden box for export packaging

**Quick release latch**
- Only need to change the quick latch, no need other tools
- It just need 1 minute to plug in and out with 6 pins

**Optional accessories**
- Manual winch
- Chain hoists, belt
Main Features

Capacity to lift goods and personnel:
Capable to lift heavy objects to 1000kg weight
Capable to lift personnel beings to 500kg weight
It can lift 3 personnel at the same time if adopt optional accessories.
Design follows standard: EN795 Class B , OSHA, ANSI, CSA

Adopt universal castors with brake, for easy positioning
Adjustable span for cross beam, customized length
* When cargo is loaded at the same time reduced the risk of crashes
** Suitable for domestic and European standards
*** Step on the foot brake when lifting goods, and fix the trolley

Technical data

<table>
<thead>
<tr>
<th>Model</th>
<th>Load Capacity (Kg)</th>
<th>Dynamic load (Kg)</th>
<th>Lifting personnel</th>
<th>Dimension parameters (mm)</th>
<th>Dead weight (Kg)</th>
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Assembly Diagram

01 Remove pin from trolley. For sheaved trolley 2 pins need to be removed.

02 Rotate underside plate to open the trolley and lift off slow pin.

03 Rotate first leg assembly to a vertical position.

04 While in this vertical position remove ball lock pin from its stow hole.

05 Open leg and insert aircraft/ball-lock pin into second hole securing the leg in its open position. Repeat for second leg.

06 Continue rotation of leg assembly until it comes to rest on ground.

07 Repeat steps 3-6 for second leg assembly.

08 Scissor leg assembly until aircraft/ball-lock pin is adjacent to beam. Remove pin and continue scissor until stops engage beam and holes are aligned. Be careful not to trap hands between beam and cheek plates!

09 Replace pin into hole ensuring the pin is fully engaged through hole. A gentle rocking motion can be used to induce alignment.

10 Repeat steps 8 and 9 for opposite leg assembly.

11 Remove pin. Open trolley and present to beam with plate rotated through 90°. Be careful not to allow plate to swing open uncontrolled.

12 Close trolley plate encapsulating the beam and insert aircraft/ball-lock pin. Observe pin is properly engaged through holes.
LPG series Portable Aluminium Gantry Crane

Unique Portable Aluminium Gantry Crane can be safely raised to 5000kg. It requires only four bolts for manual assembly.

- Innovative, light dead weight, portable, safe and powerful load capacity
- Portable crane system is the first choice for customers seeking safety
- Meet multiple sites to enhance solutions and healthy investment returns
- Its unique features and safety have been proved to meet the needs of customers in various industries

Load capacity: 1000kg–5000kg

Main Features And Advantages

- Light dead weight, convenient, it can be manually installed on site
- Only needs 4 bolts to make the 4 small parts together
- Can complete the log assembly within 2-3 minutes
- 360° swivel caster for any position fasten
- Available on all flat and bumpy floors
- Simple structure, height and span can be adjusted
- Very safe, and the trolley will not fall
- Foldable, easy to store and transport

- The side beams and legs are bolted to ensure stability of the crane
- Corrosion-resistant, easy to clean, suitable for electroplating and clean room environment
- It has got CE certificate for overall safety, according to EN795 Class B standard design
- Ergonomic design of the profiles, handles, etc. And the operation is more secure
- Lifting rated load 2000kg-5000kg. Refer to technical parameters for specific reference
- Various of sizes S / M / L / T standard configuration, can also be customized, components are interchangeable
- If you need non-standard custom, please contact with our technical staff
- Easy to transport and assembly does not affect the safety use (lifting capacity can be 5000kg)
- Can customize the appropriate size and configuration according to the working environment
Main Parts

- Adjustable Upright
- Leg
- Leg Brace
- Trap' Plate
- Bolts, Nuts & Washers
- Hockey Stick
- Lockable Castors
- Trolley
- Strut
- Cheek Plate

Dimensions:
- Beam Length
- Clear Operating Span
- 1000kg

G
E
D
H
F
Each portable crane includes:
2 A-type leg structure (can be customized)
Trolley four-class safe enclosed form
Beam length can be 9000mm (according to the lifting capacity)

The length of standard main girder:
A=2500mm A=3000mm
A=3920mm A=4570mm
A=5500mm A=8400mm
A=9000mm C size=A-920mm

Note:
Adjust height of the beam:
The height of each portal crane is easy to be adjusted. You can easily and safely raised to the needed height by the vertical position plug of the two bolts.
Adjust space: 200mm or 150mm
Ratchet mechanism can be mounted on the side, which can lift the weight with less force

Carrying Capacity
The length of the girder can reach 9000mm (according to the lifting weight) the lifting weight can reach 5000kg

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Technical data
($S$)=small ($M$)=medium ($L$)=large ($T$)= high

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Note: A The standard length is 3920mm, A the maximum length is 9000mm

Different lifting capacity has a corresponding series of different sizes
Non-standard weight, span, height can be customized
All products will be equipped with a standard trolley (other accessories is optional)
Standard girder height is 152mm, trolley height is 570mm, distance between top of trolley and beam is 82mm
Weight with stable support
Please note that the size may be slightly different
S-type has no leg brace
Six Ways To Extend The Life Of The Manual Hoist

Whether used indoors or outdoors, for a long time, the manual hoist will have different degrees of wear and rust. In order to make the manual hoist have a longer service life, we need to pay attention to maintenance and repair in daily life.

01. Long-term use or shelving will cause the manual hoist to be contaminated with dust and debris, which is not conducive to the operation of the hoist. At this time, it needs to be wiped clean with a soft rag. If the internal parts are dusty or debris, it can be cleaned with a small brush. After cleaning, it should be coated with anti-rust grease and stored in a dry place to prevent rust.

02. After the cleaning, inspection and overhaul of the hoist, it is necessary to carry out no-load and heavy-load tests to confirm that the operation is normal, automatic and reliable before delivery.

03. The conflicting surface of the brakes should be kept clean to prevent contamination of the sludge.

04. The manual hoist should be maintained at least 4 times every year, such as using a diesel cleaning machine and lubricated with calcium grease.

05. The old lifting chain can not be used with some new chains, otherwise it will be easy to impact in the transmission, and the chain will break.

06. Protection and overhaul work should be carried out by people who know well about the manual hoist.

If you pay attention to the above six points, the service life of the CMH manual hoist can be effectively extended and the work efficiency can be improved.
Our service solutions are specially made based on different requirements of individual clients. Meeting their standards could remove any of their worries. Including:

- Customized solutions
- Reliable, efficient and safe crane equipment
- High quality packaging
- Installation and Assembly & Test running
- Professional training
- Plenty of spare parts
- Maintenance
- Analysis and Suggestions
- Intelligent crane design software
- The experienced team of engineers

Clescrane’s service pack is safe and costs less. Clescrane’s service pack also applies to cranes and hoists produced by other manufacturers.