

Clescrane retains the rights to change on product design and specs. at any time.  
When purchase and delivery, subject to our actual products.

## CLESCRANE

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# JIB CRANE

Lifting Capacity 250kg-5000kg

# CLESCRANE

## crane systems

# ABOUT US

With the target of "technology-driven, quality seize the market", Clescraane was established as a systems engineering company in the field of material handling in the year of 2012. Our services cover a wide range of industries, which includes manufacturing industry, processing industry, energy regeneration and so on.

We have been working with the international well-known electrical companies in order to look for cooperation of intelligence hoisting machinery equipment. At the same time, our technical engineers are constantly providing customized designs to meet our customers' needs. Our equipment supervision team ensures the best quality of equipment for our customers. Our professional technical service team will provide zero-distance service to our customers. Clescraane is just on your side to help enhance your business and get sustainable development.

Technology is Clescraane survival principle, quality is the basic foundation of Clescraane survival. Depending on our own technology strength and supervision team, Clescraane has the professional sub-contractor who can provide us the good quality crane parts and control the whole cost in a competitive level. Clescraane intends to create an innovative lifting equipment export service companies and provide customers with the best solution and high-quality manufacturing products. With spirit of "customer first" business philosophy, Clescraane strategic objectives are not for the short-term interests instead of sacrificing the future. Clescraane people will wholeheartedly provide dedicated service for worldwide customers. When you choose Clescraane, you also increase security and efficiency for your business development at the same time.



## JIB CRANE

Clescrane jib crane offers choices of different specifications and models. It also can be tailor made to suit customer specific requirements on lifting capacity, maximum angle of slew, jib arm length, and functionalities. With a maximum load capacity ranging from 250kg to 5000kg, the jib crane is suited to transporting materials in the small work area which greatly reduces material handling time and labor burden as well as improves working efficiency.

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Depending on the coverage of working areas, Clescrane offers jib cranes with slewing angle of 180° /270° /360° degree. According to the installation and structure, jib cranes can be divided into wall mounted jib cranes, and pillar mounted jib cranes. According to the rotation way, jib cranes can be divided to manual jib cranes and electric jib cranes. Except this, Clescrane has more options for the customers to meet the requirements.

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# JIB CRANE ADVANTAGES

## **S**IMPLE INSTALLATION

Wall-mounted jib cranes can be simply mounted onto the walls without using any ground space. Pillar mounted jib crane will require a pre-installed pillar structure, and the anchorage of which can be concreted or via heavy duty fishplates. If required, we can also provide anchor bolts and templates.

## **R**EDUCE MANUAL HANDLING IMPROVE WORK EFFICIENCY

A jib crane equipped with work station will enable a great work efficiency and improved safety with the minimal manual handling. The return of investment on jib crane is significant, it's particularly true for small working areas where multiple workers need to access lifting facilities simultaneously. In these scenarios, jib cranes for each work stations would be ideal for its cost effectiveness.

## **P**RECISE POSITIONING EASY OPERATION

Clecrane offers options of CCH electric chain hoist or CH electric wire rope hoist to its jib cranes, both of them provide easy operation and precise positioning. Featuring with great ergonomic design, Clecrane delivers only the best products and solutions to meet customers' requirements.

## **U**NMATCHABLE COST EFFECTIVENESS

All parts are highly standardized and manufactured in series under the most strict quality control and quality assurance system. The optimal solution is promised via our discussion during project definition and design stages.



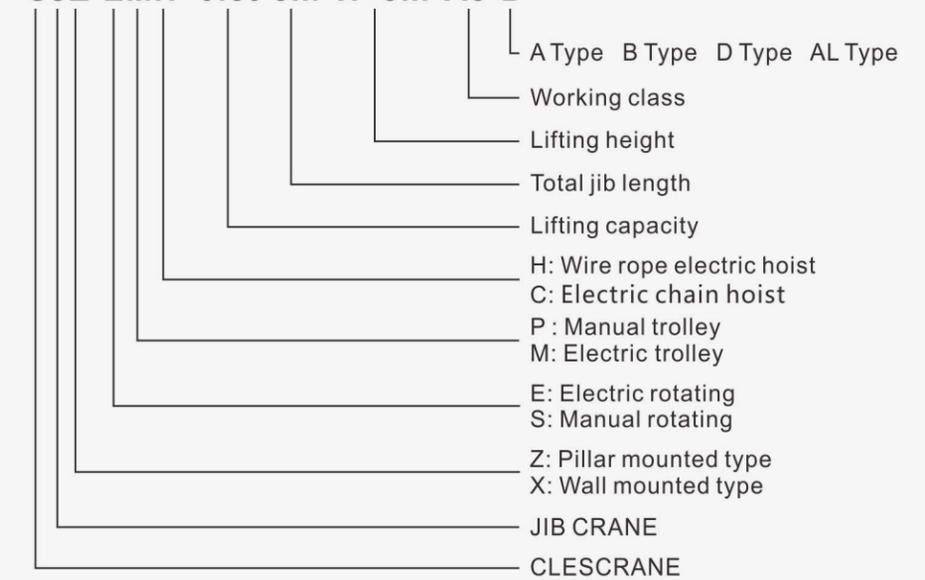
# CLESCRANE PRODUCTS CODE

# JIB CRANE

EASY INSTALLATION, PRECISE POSITIONING AND COMPLETE PRODUCT LINES.

CATERING FOR DIFFERENT REQUIREMENTS OF CLIENTS.

**CJZ-EMH 0.5t-5m H=3m A3 D**





# CJZ SERIES COLUMN MOUNTED JIB CRANES

Under many conditions there is no limit to the column mounted jib crane to be used alone or to cooperate with other cranes in the plant. The whole material handling solution is clean and neat. You can consider purchasing in the early stage of the building or later. In terms of overall investment saving, Clecrane pays more attention than you.

The CJZ series column mounted jib crane lifting capacity ranges from 250kg to 5000kg. We provide suitable solutions to meet your specific requirements. For high efficiency and improved operating safety for workers, equipment and loads, CCH series chain hoist and CH wire rope hoist can be used and the operation can be manual or electric drive.

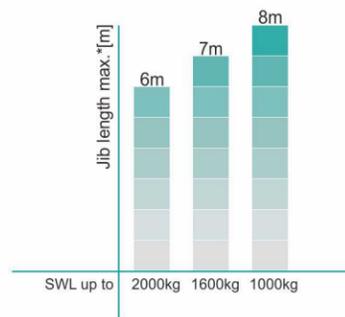
Clecrane column mounted jib crane ensures that all types of work pieces can be lifted and transported quickly and easily and stored gently and precisely. It is widely used in workshop, warehouse, wharf and other fixed places.

Higher safe working loads and nonstandard solutions for particular applications are possible.



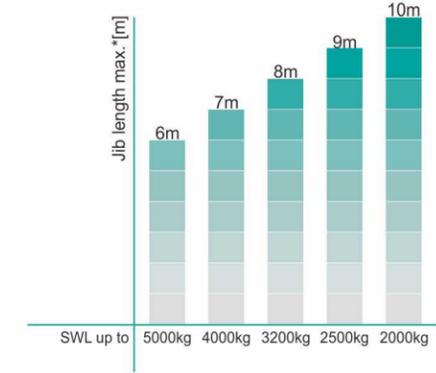
## CJZ-B

1. Light self weight.
2. Smooth-slewing jib for easy manual operation.
3. Optimal highest hook position.
4. Optional electric hoist travel.
5. Load capacity: up to 2t SWL.
6. Jib length: up to 8m.



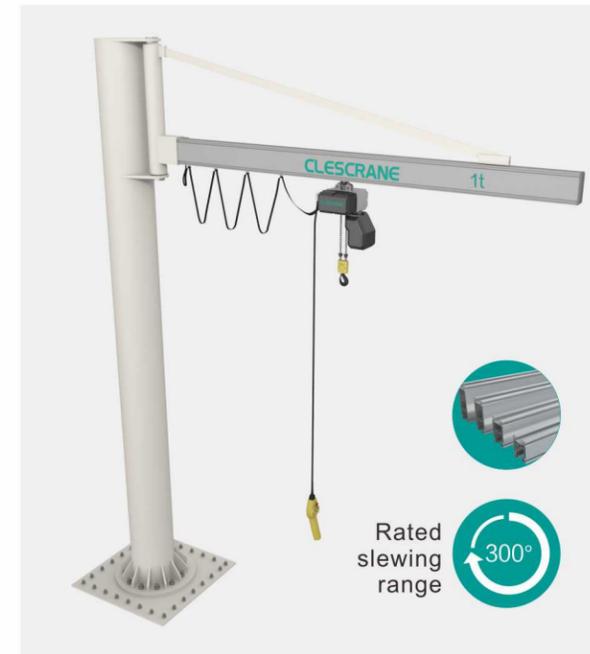
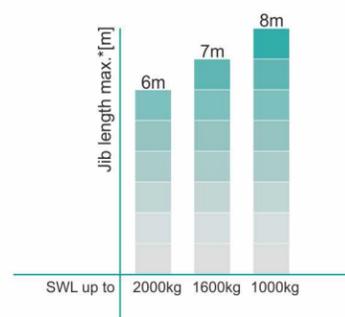
## CJZ-D

1. Low headroom optimizes highest hook position.
2. Optional electric slewing gear.
3. Optional electric hoist travel.
4. Optional mobile control (standard with wire rope hoists).
5. Load capacity: up to 5t SWL.
6. Jib length: up to 10m.



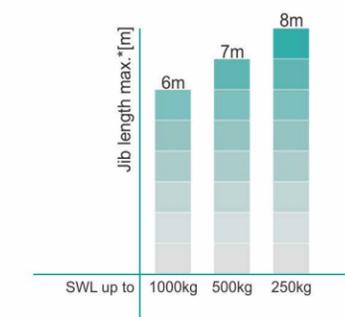
## CJZ-A

1. Smooth-slewing jib for easy manual operation.
2. Optimize highest hook position.
3. Optional electric hoist travel.
4. Load capacity: up to 2t SWL.
5. Jib length: up to 8m.



## CJZ-AL

1. Light self weight; can be installed even if floor or foundation conditions are difficult.
2. Almost effortless push trolley travel.
3. Load capacity: up to 1t SWL.
4. Jib length: up to 8m.
5. Rate slewing range: up to 300°.



\* More specifications and non-standard products, please contact with CLESCRANE.

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## CJX SERIES WALL MOUNTED JIB CRANE

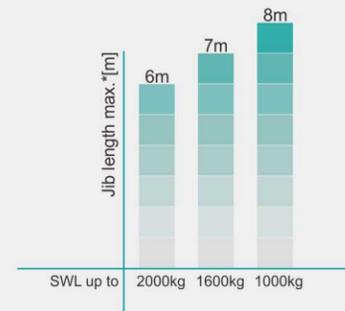
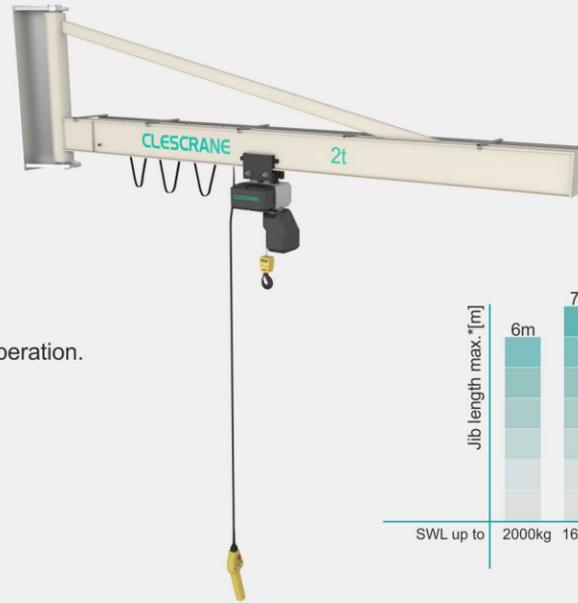
Wall mounted jib crane is widely used for material handling on work station, especially in some small operation area. With cantilever fixed to the wall or cement column or other load bearing components, its decisive advantage is saving the ground space for setting a column; simple to install, the ready-made standardized support saves a lot of complicated correction work; the low headroom design can meet the requirement of lesser space but higher hoisting height. It provides 180° rotation.



Rated slewing range

## CJX-B

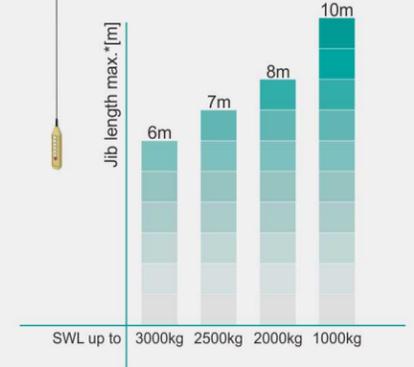
- 1.Light self weight.
- 2.Smooth-slewing jib for easy manual operation.
- 3.Optimize highest hook position.
- 4.Optional electric trolley travel.
- 5.Load capacity: up to 2t SWL.
- 6.Jib length: up to 8m.
- 7.Rated Slewing range: up to 180°.



Rated slewing range

## CJX-D

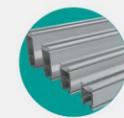
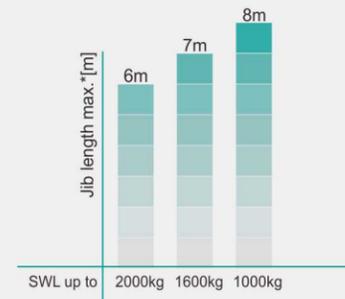
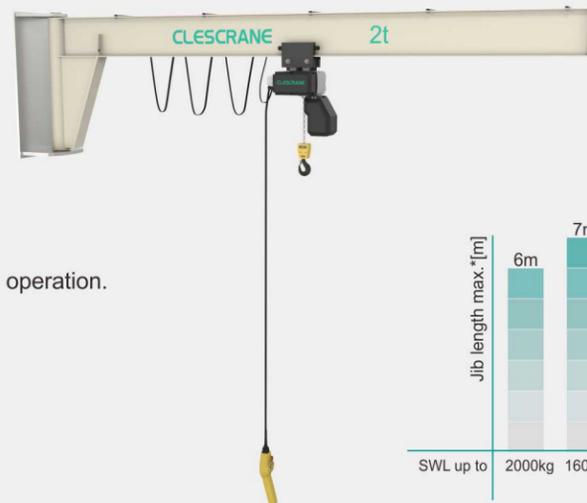
- The illustration shows a crane with electric slewing gear, electric trolley travel and mobile control.
- 1.Low headroom offers optimal and highest hook position
  - 2.Optional electric slewing gear
  - 3.Optional electric trolley travel
  - 4.Optional mobile control (standard with wire rope hoists)
  - 5.Load capacity: up to 3t SWL
  - 6.Jib length: up to 10m
  - 7.Rated slewing range: up to 180°



Rated slewing range

## CJX-A

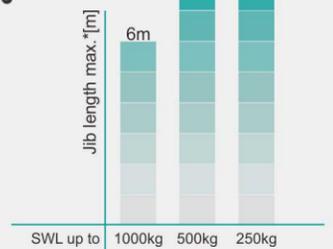
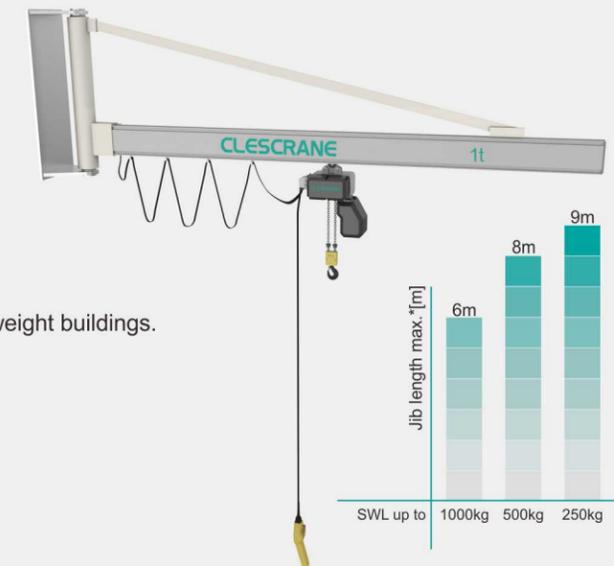
- 1.Smooth-slewing jib for easy manual operation.
- 2.Optimize highest hook position.
- 3.Optional electric trolley travel.
- 4.Load capacity: up to 2t SWL.
- 5.Jib length: up to 8m.
- 6.Rated Slewing range: up to 180°.



Rated slewing range

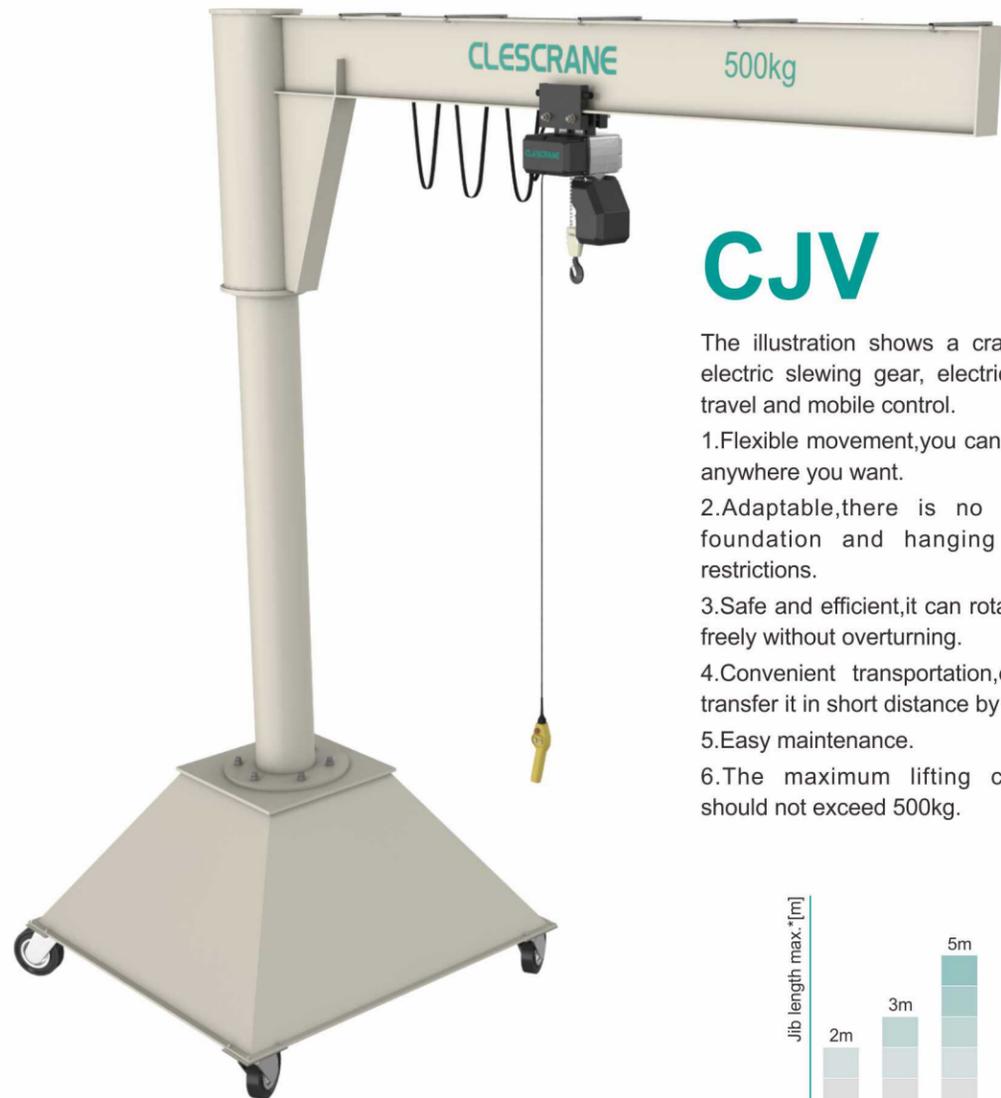
## CJX-AL

- 1.Light weight design; can be installed in lightweight buildings.
- 2.Almost effortless push trolley travel.
- 3.Load capacity: up to 1t SWL.
- 4.Jib length: up to 9m.



\* More specifications and non-standard products, please contact with CLESCRANE.

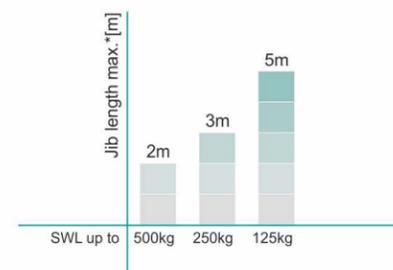
\* More specifications and non-standard products, please contact with CLESCRANE.



## CJV

The illustration shows a crane with electric slewing gear, electric trolley travel and mobile control.

- 1.Flexible movement,you can place it anywhere you want.
- 2.Adaptable,there is no cement foundation and hanging space restrictions.
- 3.Safe and efficient,it can rotate 360° freely without overturning.
- 4.Convenient transportation,easy to transfer it in short distance by people.
- 5.Easy maintenance.
- 6.The maximum lifting capacity should not exceed 500kg.



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## CUSTOMER STORY

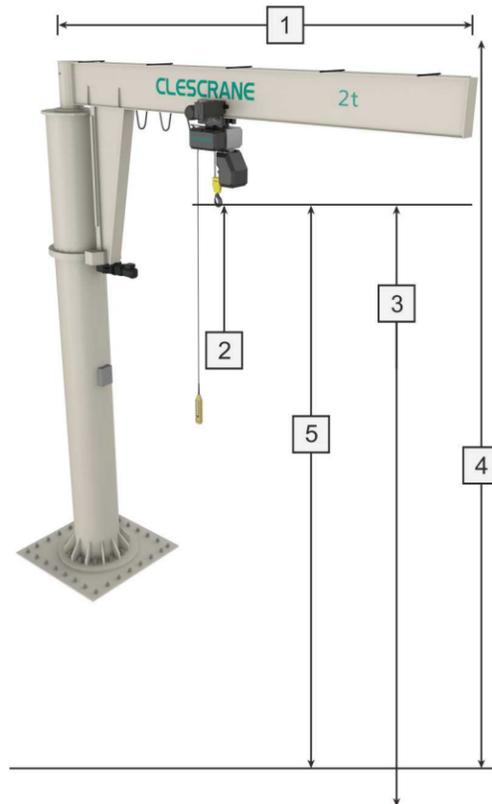
### Germany Packaging Technology Group

Germany Packaging Technology Group was founded in 1975. As the leading manufacturer for packaging equipment for bulk products and pallet carrier and logistics system in the world, it headquartered in Krevor City of lower Rhine River, Germany.

In September of 2014, agreement was reached between Germany Packaging Technology Group and Clescrane. 8 sets of CJZ jib cranes were supplied to a major paper making enterprise in China, which is a large-scale modern paper making enterprise integrating the pulp, paper, hot spot and environmental protection. The company has the world's advanced low quantity coated paper production line, bleached thermal mechanical pulp (BTMP) production line, waste paper deinking pulp (DIP) production line and an annual output of 350,000 tons of high-grade food packaging paper production line. 4 of the 8 sets were used in their factory in Nanchang and the other 4 in Zhanjiang.

CJZ Series Column Mounted Jib Crane				
Model (Optional)	CJZ-B	CJZ-A	CJZ-D	CJZ-AL
				
Max Lifting capacity	To 2t	To 2t	To 5t	To 1t
Max Arm Length	To 8m	To 8m	To 10m	To 8m
Rotation Type	Manual	Manual	Electric	Manual
Trolley movement (Optional)	Manual/Electric	Manual/Electric	Electric	Manual
Hoist (Optional)	Chain Hoist	Chain Hoist	Wire Rope Hoist/ Chain Hoist	Chain Hoist

CJX Series Wall Mounted Jib Crane				
Model (Optional)	CJX-B	CJX-A	CJX-D	CJX-AL
				
Max Lifting capacity	To 2t	To 2t	To 3t	To 1t
Max Arm Length	To 8m	To 8m	To 10m	To 9m
Rotation Type	Manual	Manual	Electric	Manual
Trolley movement (Optional)	Manual/Electric	Manual/Electric	Electric	Manual
Hoist (Optional)	Chain Hoist	Chain Hoist	Wire Rope Hoist/ Chain Hoist	Chain Hoist



**Basic Information**

Company \_\_\_\_\_ Country \_\_\_\_\_  
 Name \_\_\_\_\_ Job Title \_\_\_\_\_  
 Email \_\_\_\_\_ Telephone \_\_\_\_\_  
 Please call me back

**Parameter Confirmation Table**

CJZ-B     CJZ-A     CJZ-D     CJZ-AL

Column mounted jib crane data:

① Jib length \_\_\_\_\_ mm  
 ② Capacity \_\_\_\_\_ kg  
 ③ Hook stroke \_\_\_\_\_ mm  
 ④ Clear building height \_\_\_\_\_ mm  
 ⑤ Height above ground \_\_\_\_\_ mm

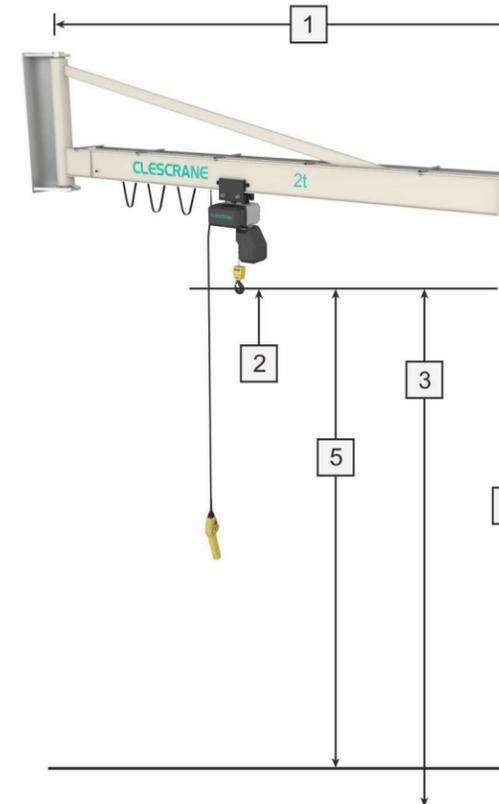
Type of mounting required: (please tick as appropriate)

on foundation with anchor bolts  
 on reinforced concrete floor plate  
 on reinforced concrete ceiling

Rotation Mode     Manual(S)     Electric(E)  
 Trolley Movement Mode  Manual(P)     Electric(M)  
 Hoist     Wire Rope Hoist(H)  Chain Hoist(C)

**Others**

Temperature \_\_\_\_\_ °C    Humidity \_\_\_\_\_    Altitude \_\_\_\_\_ m



**Basic Information**

Company \_\_\_\_\_ Country \_\_\_\_\_  
 Name \_\_\_\_\_ Job Title \_\_\_\_\_  
 Email \_\_\_\_\_ Telephone \_\_\_\_\_  
 Please call me back

**Parameter Confirmation Table**

CJX-B     CJX-A     CJX-D     CJX-AL

Column mounted jib crane data:

① Jib length \_\_\_\_\_ mm  
 ② Capacity \_\_\_\_\_ kg  
 ③ Hook stroke \_\_\_\_\_ mm  
 ④ Clear building height \_\_\_\_\_ mm  
 ⑤ Height above ground \_\_\_\_\_ mm

Type of mounting required: (please tick as appropriate)

on foundation with anchor bolts  
 on reinforced concrete floor plate  
 on reinforced concrete ceiling

Rotation Mode     Manual(S)     Electric(E)  
 Trolley Movement Mode  Manual(P)     Electric(M)  
 Hoist     Wire Rope Hoist(H)  Chain Hoist(C)

**Others**

Temperature \_\_\_\_\_ °C    Humidity \_\_\_\_\_    Altitude \_\_\_\_\_ m

# HOISTING MECHANISM

MORE CHOICES AND  
FLEXIBLE COMBINATIONS  
TO MEET YOUR  
DIFFERENT NEEDS



**CCH-F**  
Chain Electric Hoist

**CCH-P**  
Chain Electric Hoist



**CCH-E**  
Chain Electric Hoist

**CCH-A**  
Chain Electric Hoist



**CCH-B**  
Chain Electric Hoist

**CH-B**  
Wire Rope Electric Hoist



## MOUNTINGS FOR COLUMN MOUNTED JIB CRANES

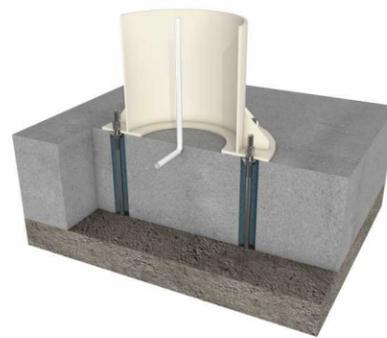


### FOUNDATION BLOCK WITH ANCHOR BOLTS

The currently most regularly requested type of mounting for column mounted jib cranes uses anchor rods. These are positioned within a concrete foundation block. CLESCRANE delivers the anchors and a steel template for positioning and aligning the anchor box as well as the required information for pouring a foundation with reinforcement in accordance with DIN 1045-1.

### INTERMEDIATE PLATE ON A CONCRETE FLOOR

Using a square intermediate plate, the crane can be mounted on a suitable existing concrete floor. After the floor plate has been drilled and chiselled out, anchors are inserted and cast. CLESCRANE delivers the intermediate plate and, on request, the appropriate floor anchors.



### INTERMEDIATE PLATE ON A CONCRETE SUSPENDED CEILING

Alternatively, the intermediate plate can be mounted to a suitable concrete ceiling with through-wall anchors. CLESCRANE delivers the intermediate plate and, on request, the appropriate through-wall anchors.



## INSTALLATION OF WALL MOUNTED JIB CRANES ADAPTED FLEXIBILITY

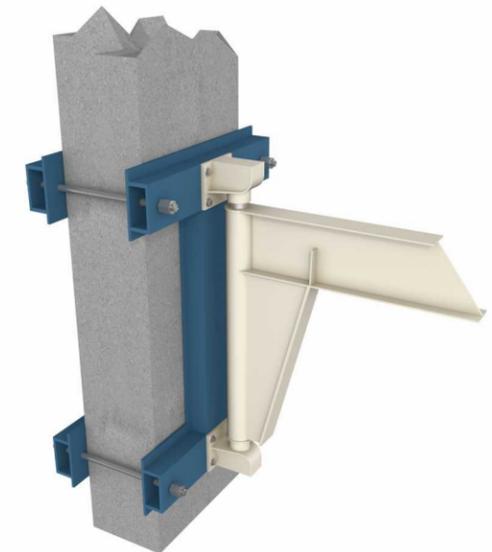


### ON STEEL SUPPORTS USING WALL BRACKET/MOUNTING

The simplest type of mounting of wall jib cranes is the bolting onto existing steel supports. For this, the supports must be of structurally sufficient size (they may need to be reinforced) and exhibit a sufficiently wide connection surface. All CLESCRANE wall mounted jib cranes include this mounting option in the scope of delivery of standard equipment.

### ON REINFORCED CONCRETE SUPPORTS USING BRACKETS

On structurally suitable, square or rectangular reinforced concrete supports which can be freely enveloped, wall mounted jib cranes can be mounted with brackets. The required tension forces can be applied through threaded rods to hold the crane securely to the support at the desired height. The support must have the required minimum width for this. CLESCRANE delivers brackets designed for the support dimensions, together with the required mounting material.



# APPLICATION

ADVANCED TECHNOLOGY, MORE RELIABLE PERFORMANCE,  
SUITABLE FOR VARIOUS CONDITIONS.

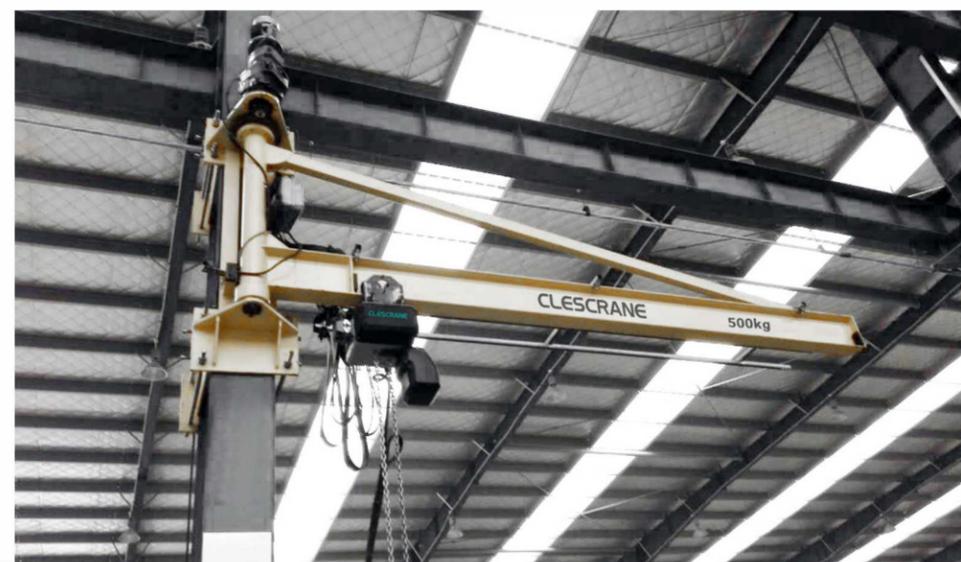
GREATLY IMPROVE THE SAFETY AND  
PRODUCTIVITY OF THE FACTORY.



# APPLICATION

ADVANCED TECHNOLOGY,  
MORE RELIABLE PERFORMANCE,  
SUITABLE FOR  
VARIOUS CONDITIONS.

GREATLY IMPROVE THE SAFETY AND  
PRODUCTIVITY OF THE FACTORY.



# SERVICE

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.