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

# OVERHEAD CRANE & GANTRY CRANE





# CLESCRANE

## ABOUT US

If someone asks me what your core business is, I will say that automatic paper roll warehousing and biomass straw bale warehousing are our core competitiveness. We focus on familiar areas of expertise to help clients increase their productivity, enhance their businesses, and increase the value of their products. We have professional service partners in target markets around the world, which enables us to provide turnkey services and long term maintenance services for local customers.

Both quality and values are important when choosing business partners. We care about the health and development of every employee. We provide professional training, longer holidays and more company for family members. Employees are our greatest wealth, we believe that a company can develop in the long run, then he must love his employees, good corporate culture, shape our core values. "I won't sell the future for short term profit", CLESCRANE is here for you.



Brand image spokesperson  
Evangelina

# OVERHEAD CRANES

Lifting capacity of Clescrane overhead crane can reach 320 tons. Our standard serial products include single girder, double girder overhead crane and suspension crane. In addition, we can provide tailored solutions according to your special industry needs. The applications are from simple factory solutions to multiple plant crane systems to complex automatic system.



Crane Type



Lifting Capacity



Span

CHS

1-20t

7.5m-35m

CHD

1-100t

7.5m-35.5m

CWD

5-320t

7.5m-35.5m



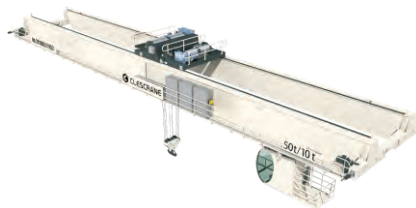
CHS Series Single Girder Overhead Crane



CHD Series Double Girder Overhead Crane



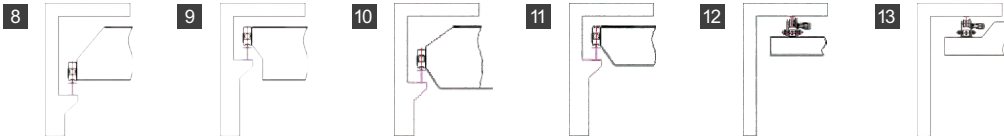
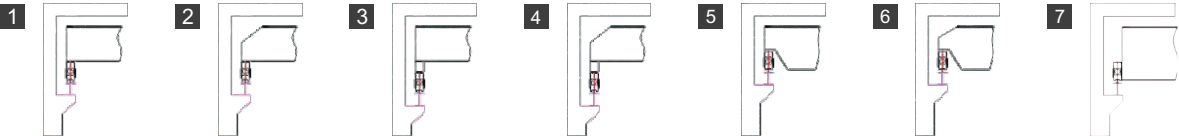
CWD Series Overhead Crane with Open Winch



CHX Series Suspension Crane



Crane type		CHS	CHD	CWD	CHX
Profile-section girder		Box type	Box type	Box type	Box type
Max. load capacity* [t]		20	100	320	10
Max. span* [m]		25.5	31.5	31.5	16
Travel speed [m/min]		3.2-32	3.2-32	3.2-32	3.2-32
Cross-travel speed [m/min]		5-20	5-20	5-20	5-20
Lifting speed [m/min]		0.8/5	0.8/5	Customized	0.8/5
Hoist unit		CH rope hoist / CCH chain hoist	CH rope hoist	CW open winch	CH rope hoist / CCH chain hoist
Types	1 Top connection, standard	√	√	√	
	2 Top connection, girder bevelled on top	√			
	3 Top connection, raised	√	√	√	
	4 Top connection, raised, girder bevelled on top	√			
	5 Top connection, girder bevelled below	√	√	√	
	6 Top connection, girder bevelled on both sides	√			
	7 Standard side connection	√	√	√	
	8 Side connection, girder bevelled on top	√			
	9 Side connection, low-headroom design	√	√	√	
	10 Side connection, girder bevelled on both sides				
	11 Side connection, girder bevelled below, low-headroom design	√	√	√	
	12 Suspension crane, low-headroom design				√
	13 Suspension crane, low-headroom design, girder bevelled on top				√
	14 Suspension crane, standard				√
	15 Suspension crane, standard, girder bevelled on top				√





CLESCRANE

## CHS SERIES SINGLE GIRDER OVERHEAD CRANE

### Supplied with CH series wire rope electric hoist

- Design is based on FEM and CMAA70 standards.
- With optimizing design and low headroom, the crane height is greatly reduced, to achieve higher lifting height under the same plant height.
- With optimizing design and low wheel pressure, the crane height is greatly reduced, to achieve greater lifting capacity weight under the same strength of the workshop.
- Crane girders made of computer-optimised box sections.
- End carriages of torsionally rigid, welded box-section design.
- Wheel group with adjustable structure, to prevent the rail from gnawing.
- Crane is controlled by Three-In-One mechanism with frequency conversion, to reduce the equipment noise.
- Overload limiter, height limiter, Stroke limiter, photoelectric limiter and other security measures are equipped according to different working conditions, crane black box with recorded analysis functions can be added based on the customer requirements.
- Lifting capacity: 1~20 t, non-standard customized crane can be produced.

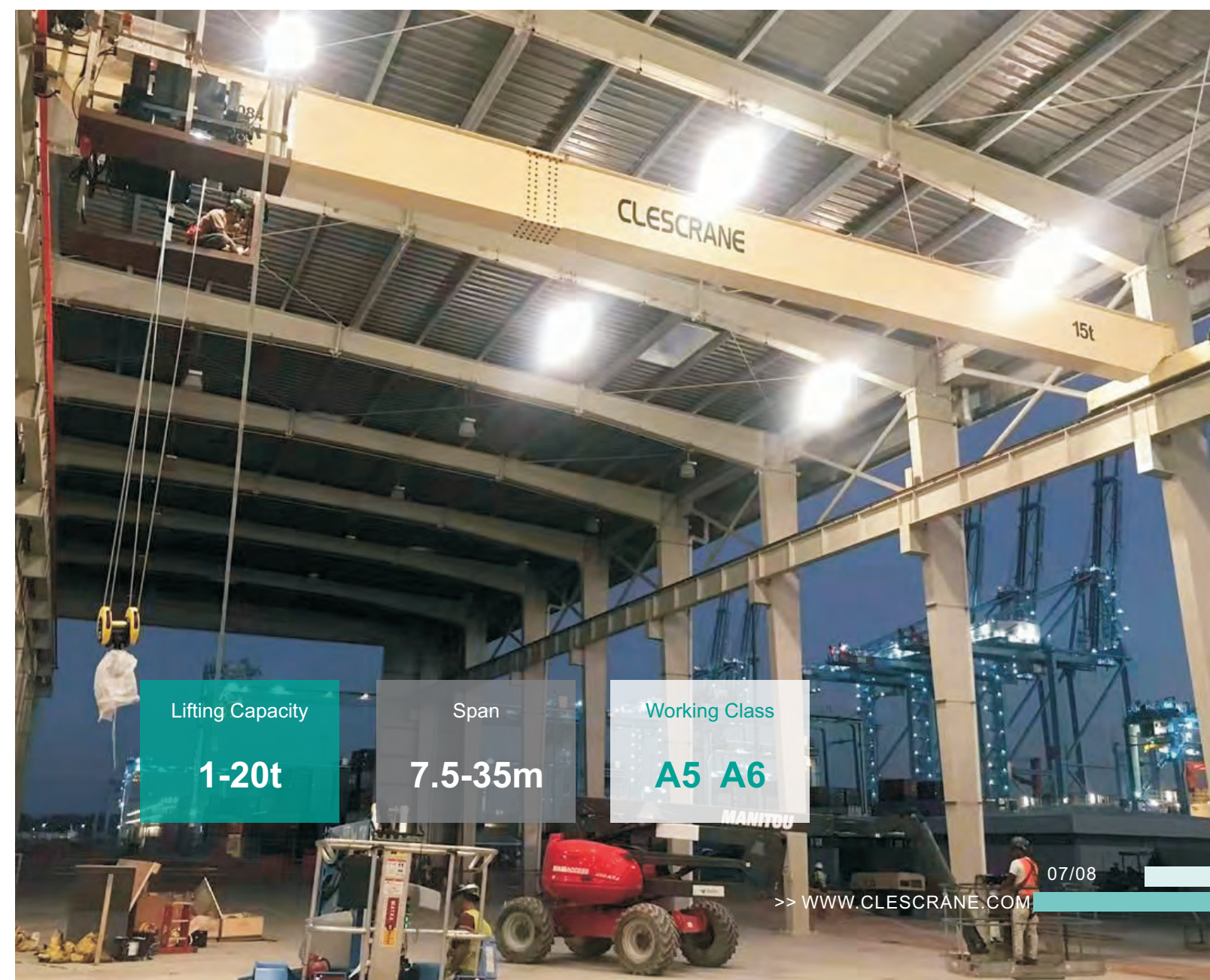
Clescraane CHS series single girder overhead cranes feature maximum rigidity for a minimum deadweight. This keeps the load on the crane runway to a minimum – and a cost-effective design can be selected for the building. This approach provides you with a cost-effective solution.

### Supplied with CCH series chain electric hoist

- End carriages of optimised design to suit the structure.
- Rigid standard I-beam girders for optimum load distribution.
- Efficient, fatigue-free load handling thanks to ergonomically designed control units.
- Low-sway travel motions for smooth handling and exact positioning of loads.
- Crane components offering high safety and reliability.

### Personalized configuration

- Optimum integration into existing and new buildings.
- Control pendant suspended for separate travel on the crane girder with display for installation monitoring.
- Radio control with display and proportional pushbuttons possible (optional).
- Optional radio control with power and signal transmission via energy chain system.



Lifting Capacity

1-20t

Span

7.5-35m

Working Class

A5 A6





## CHD SERIES DOUBLE GIRDER OVERHEAD CRANE

### This series of products is matched with CH series wire rope electric hoists

- Design is based on FEM1.001 and CMAA70 standards.
- Low deadweight reduces investment layout – crane girders made of computer-optimised box sections.
- Crane girders can be adapted to building structure requirements.
- Optimum utilisation of the available height and space thanks to compact travelling hoist design (minimum approach dimensions and large hook path).
- End carriages of torsionally rigid, welded box-section design.
- Modular design of end carriages and wheel sets. Wheel group with adjustable structure, to prevent the rail from gnawing.
- Overload limiter, height limiter, Stroke limiter, photoelectric limiter and other security measures are equipped according to different working conditions, crane black box with recorded analysis functions can be added based on the customer requirements.

- Crane control to meet application requirements: via radio control, control pendant or cab control (optional).
- Maintenance platform and accessible crab facilitate maintenance of building interior fittings (optional).
- Lifting capacity: 1~100 t, non-standard customized crane can be produced.

### Personalized configuration

- Optional maintenance platform and accessible crab – for even easier crane maintenance as well as fast and safe access to building interior fittings (lights, radiators, supply lines).
- Control pendant suspended for separate travel on the crane girder with display for installation monitoring.
- Optional radio control with display and proportional pushbuttons.
- Optional radio control with power and signal transmission via energy chain system.
- Optional Cab control.

Clescrane CHD series double girder overhead cranes offer exceptional load capacity for a low deadweight. Powerful and agile, with a capacity of up to 100 tons, it is particularly good for general manufacturing, workshops, and assembly lines. The load hook can be raised between the two crane girders, which allows large lifting heights to be achieved.



Lifting Capacity

**1-100t**

Span

**7.5-35.5m**

Working Class

**A5 A6**





Lifting Capacity

5-320t

Span

7.5-35.5m

Working Class

A3 A4 A5  
A6 A7 A8

NO.20160516079

CLESCRANE

100/32t

NO.20160516078

CLESCRANE

75/20t

## CWD SERIES OVERHEAD CRANE WITH OPEN WINCH

### Advanced Technology & Reliable Application

Together with industry experience, combined with advanced technology, CWD crane is the new generation product of Clescrane. All of our innovation is incremental, and is marketed based on strict testing and successful operation experience, therefore our customers can choose the products of this series safely.

This kind of cranes can be applied to papermaking industry, power industry, garbage power generation industry, steel industry, petrochemical industry, metallurgy casting industry and so on.

### Compact Structure & Modular Design

CWD crane is of many features, such as compact structure, low dead weight, small wheel load, uniform load distribution and so on which will decrease the construction cost greatly, reduce heating cost and make the maintenance easy. This can optimize the comprehensive investment of customers and help them to achieve a larger rate of return on investment.

### More Configurations & More Options

CWD crane can lift goods of 5 tons to more than 320 tons according to different configurations. It can also meet the personalized needs of customers based on different options, such as attachments for workpiece overturn, anti-swing devices, auto positioning, maintenance supervision, remote fault diagnosis and so on. We will offer personalized and professional solutions for our customers with our professional experience and advanced technology. CWD crane is easy to renew and expand, even though after the delivery of products. Customers need more function options and configurations which can all be solved by us. It is a product which sees long future.

### Safe, Reliable and Easy to Maintain

Equipped with advanced technology, advanced processing equipment, series of production and strict quality control, Cles ensures the high quality and good performance of CWD crane.

In design aspect, we adopt non-maintenance + easy maintenance to ensure the product advantages and at the same time, make the customer convenient to maintain and easy to master.



Extended Speed Range



Micro Speed



Slack Rope Prevention



Tandem



Inching



Restricted Load



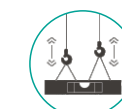
Sway Control



Load Floating



Shock Load



Synchronisation



Cranes in Tandem



# GANTRY & SEMI-GANTRY CRANES

The lifting capacity of Clescrane gantry crane can be up to 320ton. It is applied for storage yard and warehouse without bracket on the column including semi-gantry crane and gantry crane. Based on the professional crane knowledge in decades and the latest technology, Clescrane will greatly improve your production safety and production efficiency.



Crane Type

CHG

CWG

CH(W)B



Lifting Capacity

1-100t

5-320t

1-100t



Span

5m-35m

Customized

5m-25m



Lifting Capacity

1-100t

Span

5-35m

Working Class

A5 A6

## CHG SERIES GANTRY CRANE



This series gantry crane can meet the practical application of most working conditions. It is more economical, much easier for installation and commissioning, and the maintenance cost is extremely low. Max lifting capacity of CHG series electric hoist gantry crane can be up to 100 tons with CH series electric steel wire rope hoist.

CHG Series gantry cranes are preferably used for outdoor operation in storage yards and loading areas. The cranes run on ground rails, which eliminates the need for a crane runway. CHG series gantry cranes are applied for outdoor and indoor conditions when there have no brackets to support the crane.

Note: Most of the gantry cranes are customized products, please contact Clescane to get the most economical and reasonable solution for you.



Lifting Capacity

5-320t

Span

CUSTOMIZED

Working Class

A3 A4 A5  
A6 A7 A8

## CWG SERIES GANTRY CRANE WITH OPEN WINCH

CWG series gantry crane adopts CW series open winch as the hoisting mechanism with the lifting capacity of 320 ton. Lifting capacity> 320 tons can be customized. CWG series gantry cranes are designed for complicated applications, especially for large volume lifting. It is suitable for heavy duty work, and is ideal for harsh working conditions.

CWG series gantry crane is applied for outdoor and indoor conditions when there have no brackets to support the crane. The cranes run on ground rails, which eliminates the need for a crane runway.

CWG series gantry crane adopts flexible modular design with features of smooth travelling, precise positioning and easy maintenance, which can make it easy to handle the daily heavy duty lifting work. It is mainly used for loading and unloading works in open storage warehouse, material yard, railway freight station, harbor terminal cargo area, etc. Customized spreaders and lifting slings can be supplied to meet the requirements of your special lifting material handling.

Note: Most of the gantry cranes are customized products, please contact Clescane to get the most economical and reasonable solution for you.

CH(W)B Series Semi-gantry crane includes single girder and double girder type. It can be used both indoors and outdoors.

CHB(S) series single girder semi-gantry crane(with CH series wire rope electric hoist): lifting capacity can be max 20 tons, crane span and lifting height can be customized according to actual requirements.

CHB(D)series double girder semi-gantry crane(with CH series wire rope electric hoist): lifting capacity can be max 50 tons, crane span and lifting height can be customized according to actual requirements.

CWB series double girder semi-gantry crane(with CW series open winch): lifting capacity can be max 100 tons, crane span and lifting height can be customized according to actual requirements.

Note: Most of the gantry cranes are customized products, please contact Clescane to get the most economical and reasonable solution for you.

Lifting Capacity

1-100t

Span

5-25m

Working Class

A3 A4  
A5 A6

CLESCRANE

25+25t

NO. 161220037

## CH(W)B SERIES SEMI-GANTRY CRANE



## CUSTOMIZED SOLUTION

Clescrane has rich industry experience and professional crane knowledge. We can provide customized material handling solution for various industries all over the world. We can help you to get the best lifting solution and enhance productivity and safety greatly. We will coordinate with you closely and try to provide the perfect customization of your crane according to the actual condition, to ensure each crane solution can exactly meet your lifting demands.



# TISSUE PAPER FACTORY IN MEXICO

In daily life, paper is used at anytime and anywhere. In order to meet people's growing demand for paper, the Mexican paper mill, which was established in 2000, has built a new plant. It manufactures tissue paper for the production of napkins, traditional and institutional toilet paper, hand towels, kitchen towels, among other products, adjusting to market needs. In July 2016, the Mexican paper mill purchased 2 sets of overhead cranes (CHD (15+10) T-16.59MH-8.5MA5 & CHS5T-16.59M-8.5MA5) from CLESCRANE for coil hoisting in the new plant. With the continuous expansion of the market, on January 10, 2020, the Mexican paper mill ordered 3 overhead cranes again from CLESCRANE (1 set of CHD15T+10T-17M H=14MA6 & 2 sets of CHS5T-17M H=14MA6) for a new production line at Tlaxcala.

The new factory in Tlaxcala is located at an altitude of 2500 meters. The altitude not only affects the heat dissipation of the motor, but also affects the excitation of the motor. In the high altitude area, we usually consider the reduction of the motor capacity. At the altitude of 2500 meters, our derating coefficient is 0.9, which means that only 9 tons of weight can be lifted for a 10 ton hoist in this case. CLESCRANE has focused on the influence of the local altitude of 2500 meters on the whole machine design and component selection, so as to provide customers with the most appropriate scheme.

According to the customer's demand, the double girder overhead crane (15+10Ton) realizes the simultaneous lifting of double hoists, and the crane that run on the same runways are equipped with photoelectric anti-collision device. In addition, the double girder overhead crane (15+10Ton) adopts an eight-wheel structure. The eight-wheel structure not only allows the end carriage to be disassembled into three sections, which is convenient for transportation, but also disperses the wheel pressure, which greatly extends the life of the track, rail bearing beam, and column, and facilitates adding new crane on the same span in the future.

This year marks the 20th anniversary of the Mexican Paper Mill and the new cranes have been put into production. The management of Papelera Mexicana said about the second cooperation with CLESCRANE: "For us, the price of these devices is reasonable and they can be operated continuously. CLESCRANE has improved our second batch of cranes to ensure more reliable operation."

The ever-increasing needs of customers are the driving force behind our progress, and a good reputation trumps all advertising. Based on our knowledge and experience in the lifting market, CLESCRANE always provides customers with efficient, safe and cost-effective lifting solutions and equipment, and accompanies customers to develop together.



TISSUE PAPER FACTORY  
IN MEXICO



## SOUTH AFRICA PLASTIC PRODUCTS COMPANY

South Africa plastic products company has been established for over thirty years, and during this period has developed a comprehensive range of D.I.Y. articles designed for daily use, and an extensive Bathroom range as well. This range is stocked by all major chains in the country, and their brand is recognized as the "Brand Leader" for this category of merchandise.

To meet rising consumer demand, South African plastics companies have invested in new plants to expand production. They hope that the lifting equipment in the new plant will be effective in safety and user comfort, and effectively improve production efficiency.

The head of South Africa's plastic products company said, "Clescrane is an ideal candidate for a new crane"

In July 2017, South African plastics companies and Clescranereached cooperation, signed one set of overhead crane CHD32t+5t -19.5m-9m A5. The crane is equipped with anti-swing control and load indicator to optimize the controllability of the operator.

All the issues were on schedule and the two sides agreed that it was a very successful cooperation. South African Plastics Company said "If we need more products, we naturally want to continue to work with Clescrane."

When the plastic products company in South Africa or any company has demand, Clescrane will continue to provide clients with the most safe and reliable, efficient and reasonable material handling solutions and high quality products and thoughtful service.

SOUTH AFRICA PLASTIC  
PRODUCTS COMPANY



# ANGOLA STEEL PIPE INTERNATIONAL CORP.

Angola Steel Pipe International Corp. was founded in 2008. It locates in Luanda, Angola. Main business for it is production of steel tube and corrugated sheets. As its rapid development, they invest US\$32 million to build workshop extension, which covers an area of 43,750 meters square. Their annual production was 37,000t in 2014 and it will be increased tp 60,000t since Sep, 2015.

After 13 months of effort, with the most suitable solutions, qualified products, excellent service and competitive price, the deal was closed between Angola Steel Pipe International Corp. and Clescrane.

This order includes 11 sets of CHD series double girder overhead cranes and 2 sets of CHB(S) single girder semi-gantry cranes for their new workshop.

Angola Steel Pipe International Corp. is very satisfied with the products and service of Clescrane and they have shown tremendous interest in our CWD series cranes. The next cooperation is well expected.

Along with the expansion of our business in Africa, Clescrane will be chosen by more and more clients. Clescrane will continue to provide customers with the most secure, reliable, efficient and reasonable material handling solutions and high quality products.



ANGOLA STEEL  
PIPE INTERNATIONAL CORP.



## CHILEAN METAL PRODUCTS COMPANY

# CHILEAN METAL PRODUCTS COMPANY

Chilean Metal Products Company was established in 1917 and has a history of more than 100 years. A leading supplier of comprehensive wear solutions for global mining, construction and industry, mainly producing crusher wearing part, mill liners, grinding media, large special castings and more. With the further development of the company, the substantial expansion of production capacity and the expansion into export markets, requires precise planning of the production and logistical processes in the existing plants. In February 2021, Chilean Metal Products Company ordered a double girder gantry crane of 50 tons + 20 tons (CHGD50T + 20T-10M H=12M A5) from Clescrane, which is used for hoisting the wearing parts of mining machine equipment.

Now, the local service provider of Clescrane in Chile has completed the installation and commissioning of the gantry crane and delivered it to production.

Clescrane, the world's leading crane supplier, offers turn-key projects. Clescrane offers a full range of services around crane systems: from planning and design assistance to the selection of the best solution, to delivery and installation, to the retrofitting of cranes and their equipment, as well as maintenance and after-sales support.



# CHILE WOOD INDUSTRY COMPANY

Chile Wood Industry Company is a production plant specializing in wood import and export in Chile, mainly production and sales of various specifications of plywood.

With the rapid growth of the business, to meet the increasing demand, cranes need to be added in the factory, which used to lift the 20 ft and 40ft containers full of cargo to the truck to better improve the efficiency of production.

Through overall and detailed communication, accordingly to client's actual demands We recommend CWB Series Semi-Gantry Crane to client.

In Nov. 2016, Clescraane and Chile Wood Industry Company reached cooperation and signed 1 set of CWB Series Semi-Gantry Crane.

(CWB(25+25)T-15M, H=10.5M A5)

Wood processing industry has been historically one of the main industrial sectors in which Clescraane solutions have met its demanding needs effectively. Numerous satisfied clients support Clescraane tailor made solutions. Our experience in the sector allows us to drive our clients towards efficiency improvement whichever process/es they are in.

Chile Wood Industry Company is very satisfied with solution and products of CLESCRANE, showing big interest to purchase other models of overhead cranes to promote its production efficiency.

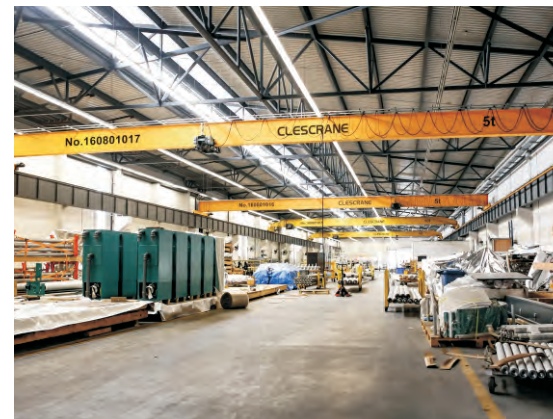
Adhering to the " never sacrifice the future for short-term profit " business philosophy, in recent years, successive orders throughout the South American market , CLESCRANE has won more and more customers' high praise and good reputation in the region. Clescraane will continually provide customers with the most reliable and efficient materials handling solutions and high quality products.



CHILE WOOD INDUSTRY COMPANY



# CLESCRANE PROJECTS





# NETWORK OF SERVICE PROVIDERS

CLESCRANE doesn't want the business to grow too fast. We want to be a slow company with responsibility. With the expansion of business, we will gradually cultivate more professional localization service partners.

- Central Africa \* 1
- Angola \* 2
- Mali \* 2
- Ethiopia \* 1
- Tanzania \* 2
- Namibia \* 2
- Niger \* 1
- Kazakhstan \* 2
- Kuwait \* 2
- Qatar \* 2
- The united Arab emirates \* 1
- Nigeria \* 2
- Ghana \* 4
- Kenya \* 1
- South Africa \* 3
- Russia \* 2
- Bangladesh \* 2
- Pakistan \* 2
- Thailand \* 3
- Malaysia \* 1
- Papua New Guinea \* 1
- Australia \* 2
- Britain \* 4
- Poland \* 2
- Austria \* 2
- Croatia \* 1
- Italy \* 1
- Turkey \* 2
- The United States \* 2
- Mexico \* 4
- Honduras \* 1
- Salvador \* 1
- Costa Rica \* 3
- Panama \* 1
- Puerto Rico \* 1
- Venezuela \* 1
- Colombia \* 1
- Ecuador \* 3
- Peru \* 2
- Brazil \* 1
- Bolivia \* 1
- Paraguay \* 1
- Uruguay \* 1
- Argentina \* 1
- Chile \* 3
- .....

