



CH-B low headroom
single girder hoist
Max. Load: 1~20t



CH-R low-headroom
monorail hoist
Max. Load: 1~50t



CH-G fixed type
Max. Load: 1~100t



CH-B double girder
trolley
Max. Load: 1~100t



CH WIRE ROPE HOIST

Max. Load: 100 Ton

10301



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Compact Structure
 Excellent Performance
 Safe and Reliable

Compact structure, light self-weight, small wheel-pressure and high comprehensive cost performance

Leading technology and component performance ensure the optimal extreme dimension of the products and the height of equipment and the compact structure under the premise of ensuring the high efficiency. Within the same plant and working area, CH series wire rope electric hoists can cover larger working range, which increases the utilization of the internal area of the plant and decreases the dead zone. If the plant is designed in accordance with the parameters of series of products of Clescraane during the design stage, requirements for the lifting equipment can be greatly reduced for the height and bearing capacity of the plant, which reduces above 10% of plant investment for the customers and improves the efficiency of investment.

Precise positioning and efficient running can improve production efficiency

Standard lifting with double speed(optional frequency conversion) and frequency conversion control of trolley ensure efficient running of the crane and promotion of logistics efficiency in workshop, and ensure the implementation of the whole work plans of customers on schedule. By the application of frequency conversion technology, it can effectively reduce shaking of load in the process of handling, which makes the load positioning more quickly and accurately. Simultaneously, it significantly reduces the impact of starting and braking, thus the whole handling process becomes much more smooth and safe.

Save operating costs and green energy saving

European type cranes equipped with CH series electric hoists can significantly reduce self-weight of the girder and the complete machine, and decrease the total power of running, as well as can save over 30% of power per year on average compared with the plants those use the domestic traditional cranes. Meanwhile, the running noise is superior to the national standard of Clescraane CH series electric hoists, which creates a more quiet work space.

Selection of high quality of components with safety and reliability and durable in use

Components with high quality are the basis for excellent quality of products. Clescraane Company takes each component seriously from lifting motors to reducers, from reels to steel wire ropes, from safe and reliable electrical components to the best structure components. Because Clescraane Company believes that only each component of good performance and quality can ensure the performance and quality of the complete machine. Lifting trinity mechanism with compact structure and superior performance is developed and designed for CH series electric hoist. The reduction gear produces low noise and becomes durable in use by high precision grinding and hardening treatment of the gear surface. Electrical connection sustained rate is up to 60% of the lifting motor, which not only meets frequent use during the process of production, but improves the reliability of the product. The imported brake disc provides the breaking lifetime of more than one million times with excellent wear-resisting property.

Save operating costs and green energy saving

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Safe and reliable, running monitoring and simple and convenient maintenance

CLESSTAR-Cles patented technology product is provided with various functions such as monitoring, protection, which can ensure safe and reliable operation of the crane, and its running monitoring unit can make detailed records of running condition of electric hoist, running status of motor and safety working cycle, and provide warning in advance. All records can provide data for maintenance, and the root of the problem should be understood to be able to provide maintenance much more timely and efficiently.

Modular design and multiple options can meet various demands of customer

The concept of modular design has always been throughout the whole product design, which ensures the standard and interchangeability of parts, greatly reduces the maintenance costs of products. All products series of the Company is provided with complete inventory of spare parts, and professional service team ensures to provide after-sales service to solve the troubles of customers after purchasing the equipment in a timely manner.



CH Wire Rope Hoist

Clescrane CH series wire rope hoists feature high handling rates, cost-effective operation and maximum safety. We offer the optimum solution to meet our customers' specific requirements. According to your special needs, we can provide many optional features, such as higher lifting height, different lifting speed, adapting different girder type, customized hook, anti-sway, dual-brake, load display and so on.

You can change the optional features as your needs change. We help you lift the way you want to.

Standard configuration of CH-B wire rope hoists

- Double speed lifting motor with 1t ~32t standard variable frequency lifting motor with 32t ~ 100t standard
- Lifting electromagnetic disc brake and maintenance-free design
- 380V/3Ph/50Hz supply voltage
- Control voltage 48V
- Lifting limit switch
- Variable frequency motor of trolley with the speed of 5~20m/min
- Protection grade of electric motor is Grade IP55, and insulation grade is Grade F
- Lifting hook group with safety clasp
- Load lifting limiter
- Environment temperature: -20°C-+40°C



CONFIGURATION TO MEET YOUR NEEDS



CH-B low headroom single girder hoist

Max. Load: 20t
This series wire rope hoist is the most common low headroom hoist with small hook limit. It meets your lifting height requirements and at the same time it can help you with lowering the factory construction height, to save your investment cost.



CH-R low-headroom monorail hoist

Max. Load: 50t
This series hoist suits for I beam.



CH-G fixed type

Max. Load: 100t
This series hoist can't move without trolley driven mechanism.



CH-B double girder trolley

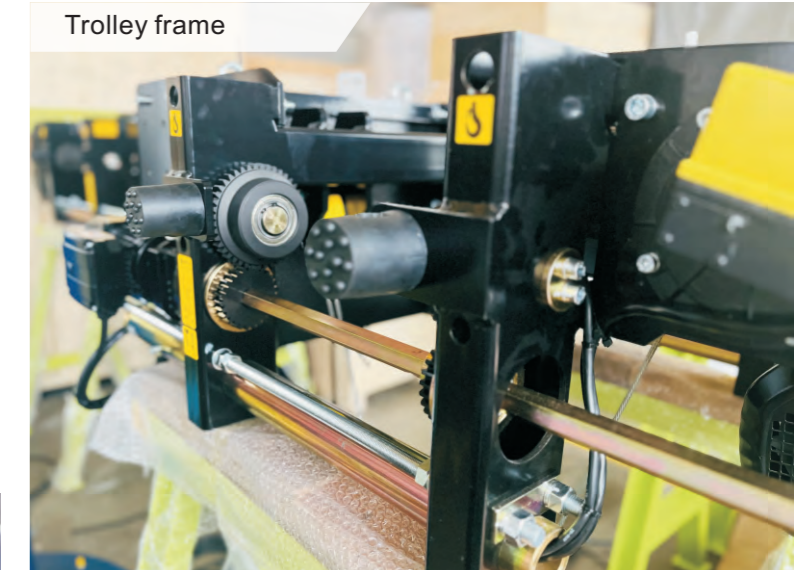
Max. Load: 100t
for Double Girder Crane

Lifting drive unit

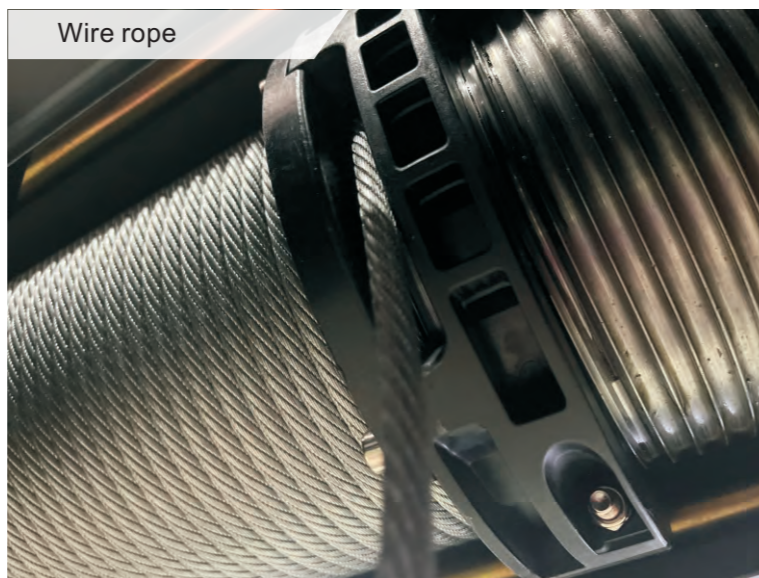


CH-B Low Headroom Single Girder Hoist

Trolley frame



Wire rope



Electric cabinet



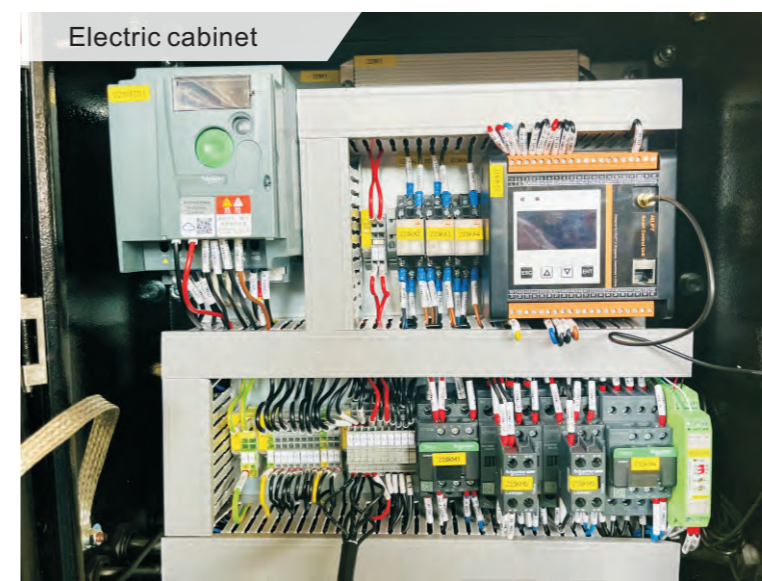
Lifting height limiter



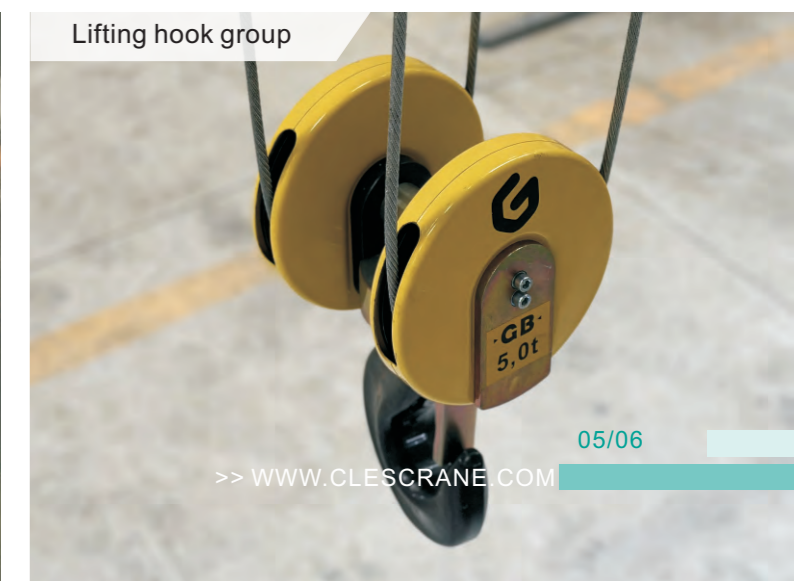
Trolley drive unit



Electric cabinet



Lifting hook group



CLESCRANE
-> CH WIRE ROPE HOISTS

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May you continue to bring good luck to all of us, you already did with our other branch. We dont have any other crane supplier, CLESCRANE proven and tested quality...I hope you get many more customers, the world needs to know you make the best cranes!

”

**Mr. Jiriel - Production Manager
Philippine Furniture Factory**



CH-B Double Girder Trolley

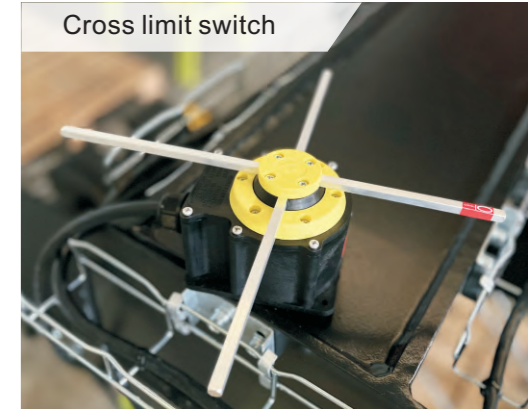


SAUDI ARAMCO
OVERHEAD CRANES
PROJECT

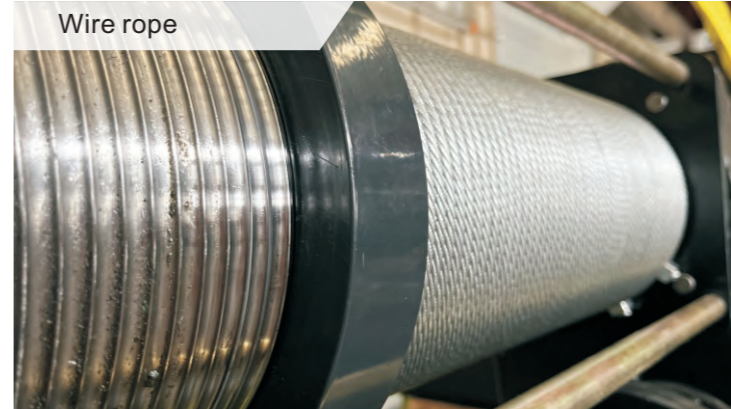
Trolley drive unit



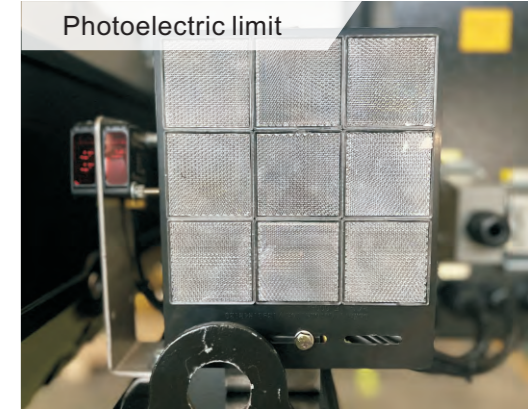
Cross limit switch



Wire rope



Photoelectric limit



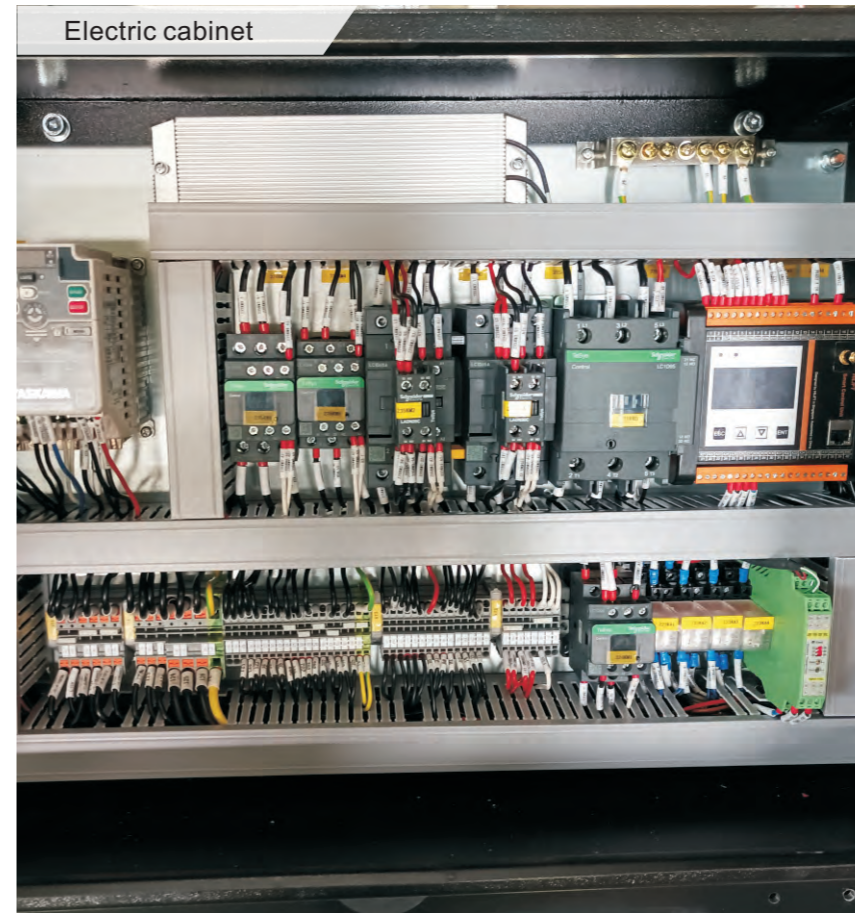
Lifting drive unit



Electric cabinet



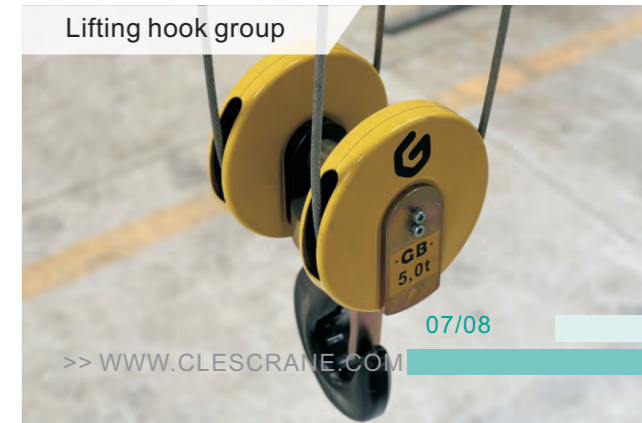
Electric cabinet

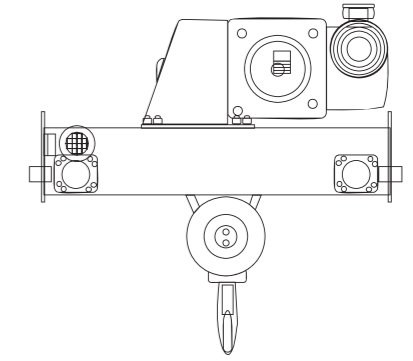
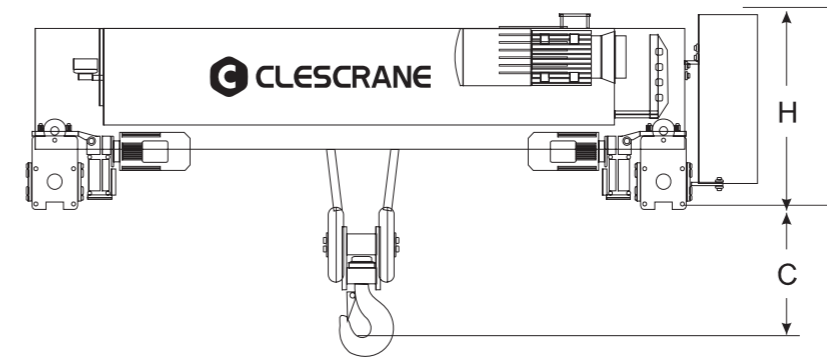
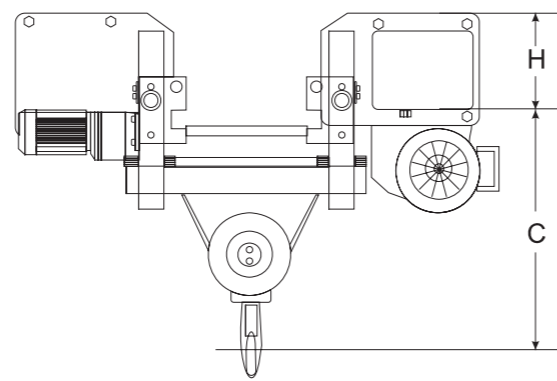
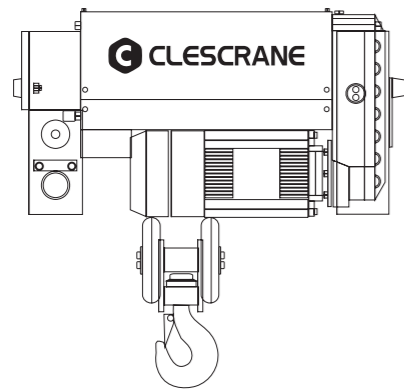


Lifting height limiter



Lifting hook group





Selection table of CH-B low headroom single girder hoist

Load Capacity (Kg)	FEM	ISO	Height (m)	Speed (m/min)	Trolley Speed (m/min)	H Size (mm)	C Size (mm)
1250	3m	M6	6/9/12/18	0.8/5.0	5~20	245	385
1600	3m	M6	6/9/12/18	0.8/5.0	5~20	245	385
2000	2m	M5	6/9/12/18	0.8/5.0	5~20	245	385
2000	3m	M6	6/9/12/18	1.3/8.0	5~20	245	385
2500	3m	M6	6/9/12/18	0.8/5.0	5~20	245	385
2500	3m	M6	6/9/12/18	1.0/6.3	5~20	245	385
2500	2m	M5	6/9/12/18	1.3/8.0	5~20	245	385
3200	2m	M5	6/9/12/18	0.8/5.0	5~20	245	385
3200	2m	M5	6/9/12/18	1.0/6.3	5~20	245	385
5000	2m	M5	6/9/12/18	0.8/5.0	5~20	266	495
5000	2m	M5	6/9/12/18	1.6/10	5~20	296	792
5000	3m	M6	6/9/12/18	1.3/8.0	5~20	296	792
6300	1Am	M4	6/9/12/18	0.8/5.0	5~20	266	495
6300	1Am	M4	6/9/12/18	1.3/8.0	5~20	266	495
6300	2m	M5	6/9/12/18	1.3/8.0	5~20	266	495
6300	3m	M6	6/9/12/18	1.0/6.3	5~20	266	495
8000	1Am	M4	6/9/12/18	1.3/8.0	5~20	296	792
8000	3m	M6	6/9/12/18	0.8/5.0	5~20	296	792
10000	1Am	M4	6/9/12/18	1.0/6.3	5~20	296	792
10000	2m	M5	6/9/12/18	0.8/5.0	5~20	296	792
10000	3m	M6	6/9/12/18	0.66/4.0	5~20	296	792
12500	1Am	M4	6/9/12/18	0.8/5.0	5~20	296	792
12500	2m	M5	6/9/12/18	0.6/4.0	5~20	296	792
12500	2m	M5	6/9/12/18	0.6/4.0	5~20	296	792

For more options, please contact Clecrane .

Selection table of CH-B double girder trolley

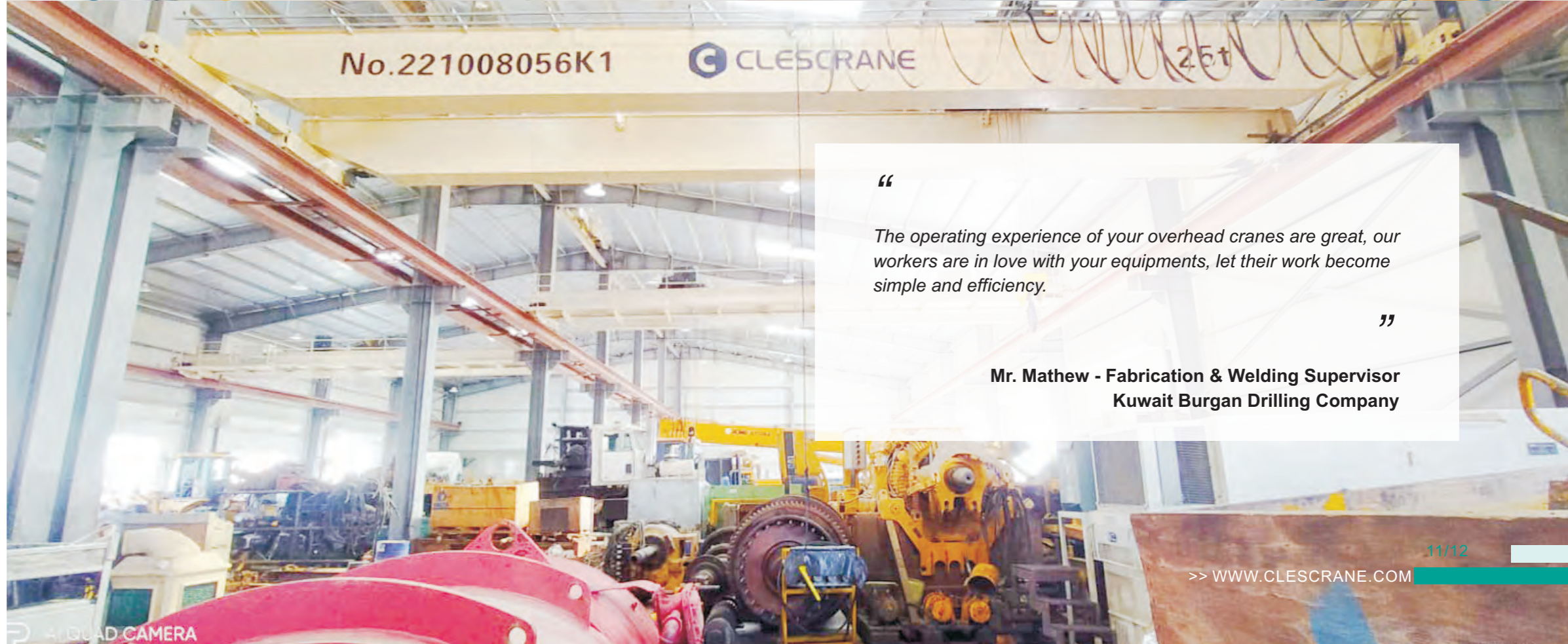
Load Capacity (Kg)	FEM	ISO	Height (m)	Speed (m/min)	Trolley Speed (m/min)	H Size (mm)	C Size (mm)
2000	2m	M5	6/9/12/18	0.8/5.0	5~20	230	350
3200	2m	M5	6/9/12/18	0.8/5.0	5~20	230	350
5000	2m	M5	6/9/12/18	0.8/5.0	5~20	230	350
5000	2m	M5	6/9/12/18	0.8/5.0	5~20	230	350
8000	3m	M6	6/9/12/18	0.8/5.0	5~20	540	360
10000	1Am	M4	6/9/12/18	1.0/6.3	5~20	540	360
10000	2m	M5	6/9/12/18	0.8/5.0	5~20	540	360
10000	3m	M6	6/9/12/18	0.66/4.0	5~20	540	360
12500	1Am	M4	6/9/12/18	0.8/5.0	5~20	540	420
12500	1Am	M4	6/9/12/18	1.0/6.3	5~20	540	420
12500	2m	M5	6/9/12/18	0.6/4.0	5~20	540	420
16000	2m	M5	6/9/12/18	0.66/4.0	5~20	640	480
20000	1Am	M4	6/9/12/18	0.66/4.0	5~20	640	480
20000	2m	M5	6/9/12/18	0.53/3.4	5~20	640	480
20000	3m	M6	6/9/12/18	0.8/3.3	5~20	790	620
25000	1Am	M4	6/9/12/18	1.0/4.2	5~20	790	620
25000	2m	M5	6/9/12/18	0.8/3.3	5~20	790	620
25000	2m	M5	6/9/12/18	0~4.9	5~20	790	620
32000	2m	M5	6/9/12/18	0~4.9	5~20	790	620
32000	2m	M5	6/9/12/18	0~3.2	5~20	895	980
40000	1Am	M4	6/9/12/18	0~4.0	5~20	895	980
50000	2m	M5	6/9/12/18	0~3.2	5~20	895	980
50000	1Am	M4	6/9/12/18	0~4.0	5~20	895	980
63000	1Am	M4	6/9/12/18	0~3.2	5~20	975	1100
63000	2m	M5	6/9/12/18	0~2.4	5~20	975	1100
80000	1Bm	M3	6/9/12/18	0~3.8	5~20	1025	1525
100000	1Bm	M3	6/9/12/18	0~2.1	5~20	1025	1525

For more options, please contact Clecrane .

APPLICATIONS

Clescrane CH series wire rope electric hoist products are provided with complete series and have its wide application, to provide customers with comprehensive industrial crane equipment and various types of lifting mechanism.

Clescrane pays close attention to customers' demands, and the CH wire rope electric hoist we designed which can be upgraded to CHEX explosion-proofing electric rope hoist series. Our products are widely used in many different fields, such as the food industry, chemical industry, petroleum, natural gas and any other occasions that put safety production in the first place.



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The operating experience of your overhead cranes are great, our workers are in love with your equipments, let their work become simple and efficiency.

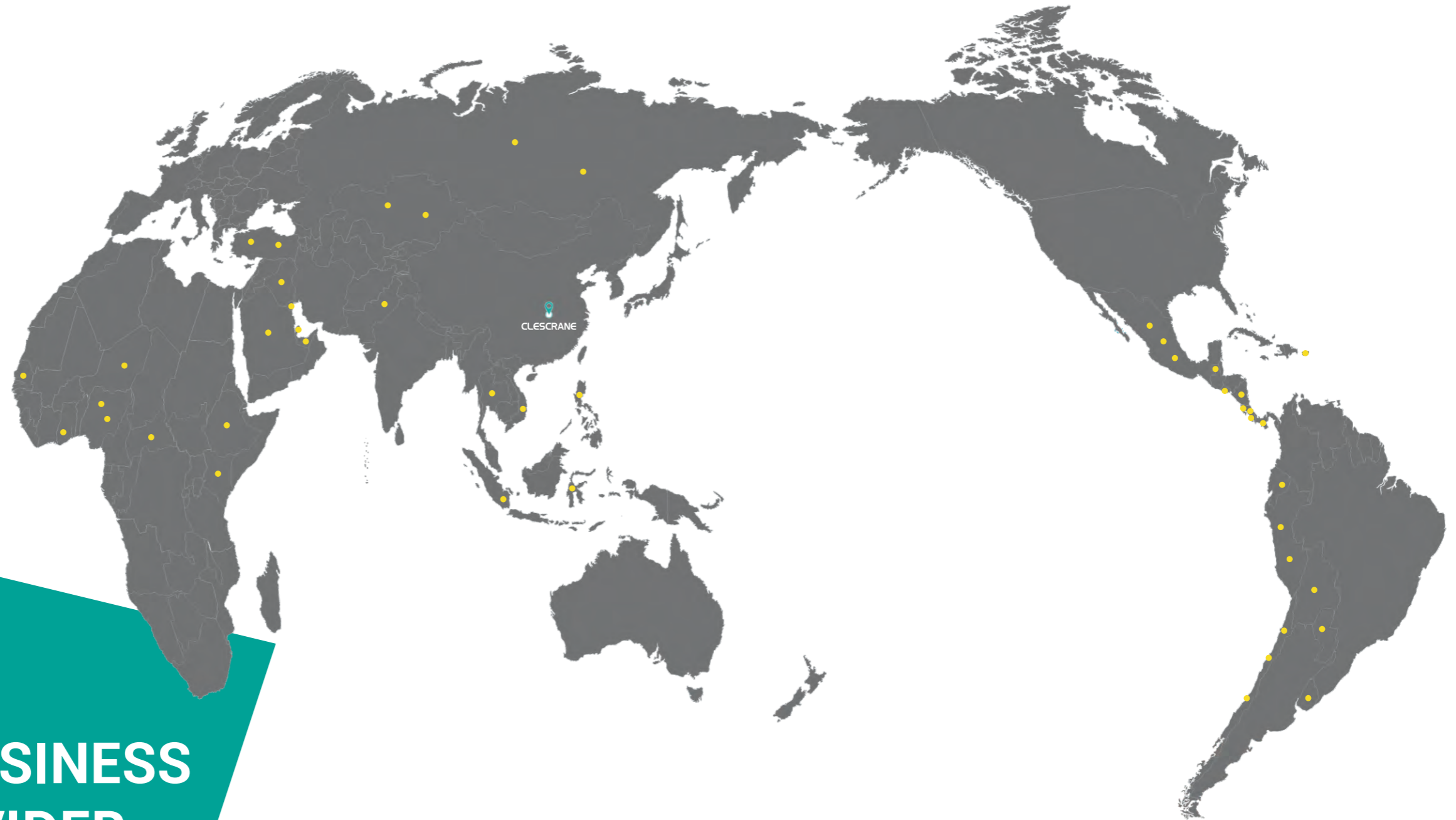
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**Mr. Mathew - Fabrication & Welding Supervisor
Kuwait Burgan Drilling Company**

Advanced Product Solution Constant Innovation Based on the Demand of Customers

Optional

- The hoist wheel width can be adjusted according to the beam width >550mm, <690mm (for Single Girder Crane)
- Adjustment of double girder gauge (1400mm-1700mm-2000mm-2400mm-2700mm-3100mm-3400mm-3800mm) (for Double Girder Crane)
- The standard headroom hoist can be replaced with a turnable trolley
- Single beam type CH hoist can be equipped with first and second travel limit
- Monitoring unit (standard)
- After installing the load on the large screen, the font size is 500×230&900×230
- Selection of special voltages
- Heating and dehumidifying function of motor and electric box
- Replacement of hoist electric box with stainless steel electric control box
- Hoist reel cover replaced with stainless steel
- Add installed rain cover
- Raise the hook number by one gear
- Hook becomes electric swivel type
- Hook 90° rotation loc
- The hook head is replaced with a W hook
- The hook head is replaced with a stainless steel hook head
- Install the second lifting limit (mechanical weight limit)
- Install the second brake for lifting (electromagnetic disc brake)
- The hoisting mechanism realizes frequency conversion control
- Add anti-sway function
- Add inching function
- Adjustment of control voltage
- The hoist of the monorail type, that is, the hoist needs to be equipped with a transformer if it is used alone.



STANDARD BUSINESS SERVICE PROVIDER NETWORK

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.

- United Arab Emirates*1
- Saudi Arabia*2
- Kuwait*1
- Qatar*2
- Philippines*2
- Vietnam*1
- Russia*2
- Kazakhstan*1
- Pakistan*2
- Thailand*2
- Türkiye*2
- Singapore*2
- Indonesia*2
- Kenya*2
- Ghana*2
- Nigeria*3
- Senegal*2
- Peru*2
- Guatemala*1
- Paraguay*2
- Chile*3
- Panama*2
- Ecuador*1
- El Salvador*1
- Bolivia*1
- Uruguay*1
- Costa Rica*2
- Mexico*3
- Puerto Rico*1
- Nicaragua*1
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