



CHD SERIES

DOUBLE GIRDER OVERHEAD CRANE

Max. Load 100 000Kg

CLESCRANE

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When purchase and delivery, subject to our actual products.

CLESCRANE®
● WWW.CLESCRANE.COM

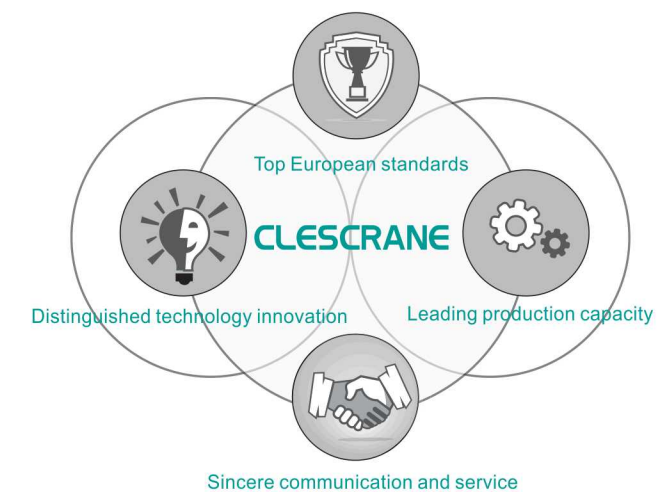


ABOUT

With the target of "technology-driven, quality seize the market", Clescrane 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. Clescrane is just on your side to help enhance your business and get sustainable development.

Technology is Clescrane survival principle, quality is the basic foundation of Clescrane survival. Depending on our own technology strength and supervision team, Clescrane has the professional sub-contractor who can provide us the good quality crane parts and control the whole cost in the competitive level. Clescrane 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, Clescrane strategic objectives are not for the short-term interests instead of sacrificing the future. CLES people will wholeheartedly provide dedicated service for worldwide customers. When you choose Clescrane, you also increase security and efficiency for your business development at the same time.



Three-in-one Mechanism for Long Traveling

Rail

Hoist Trolley

Power Line Interface and Control Line Interface

Main girder

Main girder

Handrail

Crane Electric Cabinet

End Carriage

Three-in-one Mechanism for Long Traveling

CRANE COMPONENTS



CHD

Series Double Girder Overhead Crane

Lifting Capacity: 1t~100t

Span: 7.5m~35.5m

Lifting Height: 6m,9m,12m,15m,18m

Working Class: A5,A6

THIS SERIES OF PRODUCT IS MATCHED WITH CH SERIES ELECTRIC HOIST

1. Design is based on FEM1.001 and CMAA70 standards.
2. Finite element optimization design for steel structure, to achieve a lighter weight.
3. Modular design of end beam and wheel set.
4. Wheel group with adjustable structure, to prevent from rail gnawing.
5. The main girders with bias-rail and box structure, square steel rail, easy to manufacture.
6. Modular platform and railings, to realize free swapping.
7. Complete safety precautions, equipped with overload limiter, height limiter, stroke limiter, photoelectric limiter and other security measures, crane black box with recorded analysis functions can be added based on customers' requirements.
8. Lifting capacity: 1~100 t, customized cranes can be produced.

CLESCRANE

>>CHD SERIES DOUBLE GIRDER OVERHEAD CRANE

ADVANTAGE

CHD series double girder overhead crane is featured by light weight, low headroom and wheel pressure, significantly saving the investment on plant.

The variable frequency control of trolley and crane makes operation reliable, safe and stable.

The reasonable structure design ensures good running and minimizes wear and maintenance of equipment during service.

Since the hook rises to between the two main beams, its lifting height can be substantially increased.

The installation of service platform and trolley platform, can not only facilitate the maintenance of cranes, but also help maintenance personnel to quickly access other facilities in the plant, such as lighting, heating or power lines, etc.

As an option ,you can also choose maintenance cage for the operator to maintain the slide wire easily.



CRANE

European standard (DIN/FEM) optimized design, light dead weight, small wheel load, small volume.

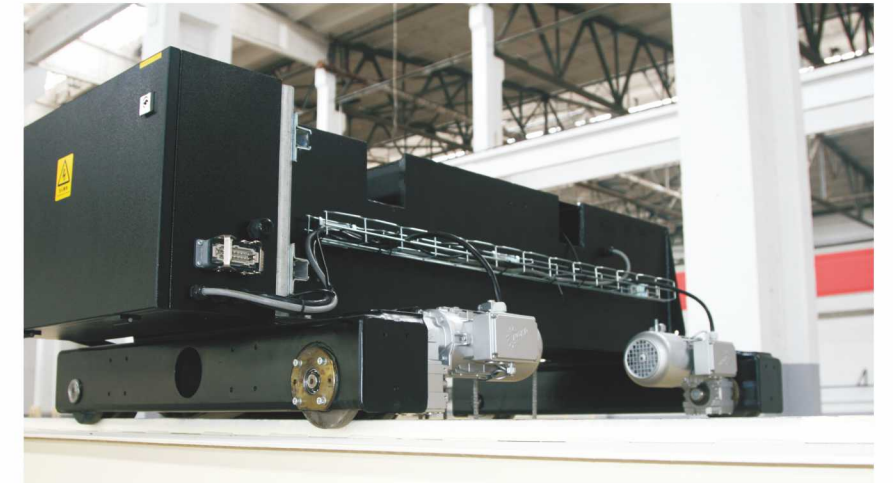
Max. lifting capacity: 100t

Flexible solutions for all lifting needs.

Excellent driving properties, frequency control of motor speed, smooth moving.

HOISTING MECHANISM

1. Pole changing double-speed motor for hoisting with three-in-one structure, stable and reliable operation, small volume.
2. Highly efficient electric motor with hard tooth surface reducer, to achieve the low energy consumption and large output torque.
3. The electromagnetic brake can adjust itself automatically with high precision, to achieve fast and reliable braking with low noise.
4. The steel wire rope with high strength and high flexibility, to achieve greater and safer lifting.
5. High strength nylon rope guide and ductile cast iron pulley, its self-lubricating helps to achieve a longer service life of the steel wire rope.
6. High strength alloy wheel group, to achieve a long service life for the wheels.
7. Modular design to realize the flexible combination.
8. Maximum lifting capacity can reach to 100t.



Lifting Drive Unit

High-performance, large driving force and compact structure. Various components are running efficiently to ensure high efficiency. Low energy consumption, low noise and eco-friendly design. Smooth running, low impact, safe and reliable. No-wear design, long service life. Electrical connection sustained rate is up to 60% to meet the demands of the high frequency lifting. Service life Asbestos-free brake can be up to one million times. High protection grade of brake can meet the requirements of severe environment.



Wire Rope Drum & Wire Rope

Wire Rope Drum: Use the Q345-type seamless steel tube as raw material and process it by numbers of working procedure. Advanced processing methods to ensure concentricity of the drum. The depth of rope groove is in compliance with the FEM standard. High-strength pressing plates and bolts are fastened on the end of the wire rope to ensure the safety of lifting.

Wire Rope: The imported wire rope of high-performance with tensile strength up to 2160MPa. The surface with galvanized processing for corrosion prevention effectively. With good flexibility to ensure wear resistance of the wire rope and prolong its service life.



Trolley Drive Unit

Trinity of high-performance motor, reduction gearbox and brake. Compact structure, excellent performance. Low energy consumption, low noise and eco-friendly design. Variable frequency control, smooth running, low impact and meeting requirements of a variety of speed. Asbestos-free brake disc and its normal service life can be up to one million times. No-wear design, maintenance-free, long service life.



Rope Guide

Lifting weight, good wear resistance, to reduce the wear of wire rope effectively. Prevent wire rope from skipping and loosing to off-groove, and safety first.



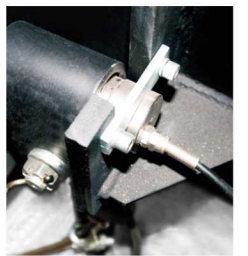
Electric Cabinet

Rational design, convenient maintenance, decreasing running cost. Professional and high quality of electrical components, safe and reliable.

Multiple safety protection devices to ensure equipment safe.

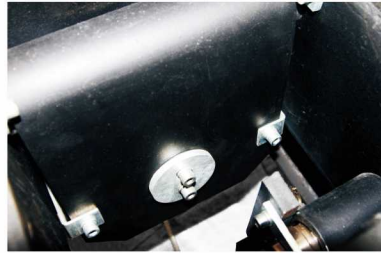
Protection grade Ip55.

Clear identification to easy for trouble removal.



Overload Limiter

Customized overload limiter with high sensitivity can output load or have overloading limit upon customer's requirements.



Fixed Pulley

Nodular cast iron material



Wire Support

Array wires orderly and neatly



Connectors

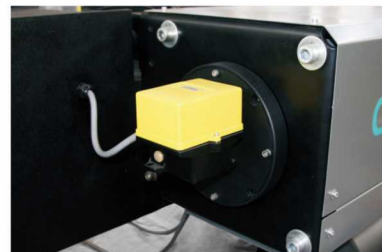
Aviation plug ensures safety and easy maintenance, with high protection grade of IP55.

HOISTING MECHANISM



Cross Limit Switch

To position the direction of cross and long travelings of the crane and realize speed reducing and position controlling. Safe, reliable and easy to install and adjust.



Lifting Height Limiter

Freely adjustable screw lifting height limiter with high precision, wide adjustment range, safe and reliable. Multiple-contact configurations can effectively achieve the function of transition with low and high speed and the stop during the rise and fall.



Hook Block

DIN standard of lifting hook with safety clasp and wire rope sheath Ergonomic design.
Forged by the high-strength material of T grade.
Accompanied with nondestructive test certification of lifting hook randomly.



MAIN GIRDER

Double welding box girder, beam deflection with DIN/FEM standard
Steel material: Fe37 or Fe52 (Equal to Q235B and Q345B in China)

Whole length CNC cutting for complete web plate, to ensure the precision and smooth curve shape of the camber.

Trolley rail is made of high strength hot rolled flat steel (16Mn).

Automatic submerged arc welded main weld with NDT inspection

Shot-blasting Sa2.5 for complete girder after welding, to achieve stress release.

Epoxy zinc-rich painting for one bottom and two sides of 120μm thick, to achieve a long lifespan, beautiful appearance and good luster.

Main girders and end beams are connected together by class10.9 high strength bolts to ensure the structure strength and precision of the whole machine.

END CARRIAGE

Maintenance-free three-in-one mechanism controlled by frequency converter is specially designed for cranes;

42CrMo alloy forged wheel, wear resistance, impact resistance, high performance, long life span.

Compact structure, few parts, easy assembly.

Adopt modular design, supply complete sets of equipment.

Providing wheel group with diameter of 125, 160, 200, 250, 320, 400, 450, 500, 630.

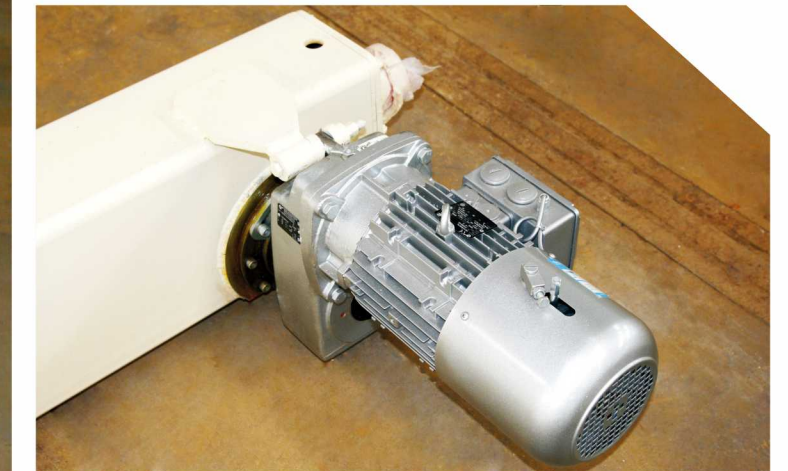
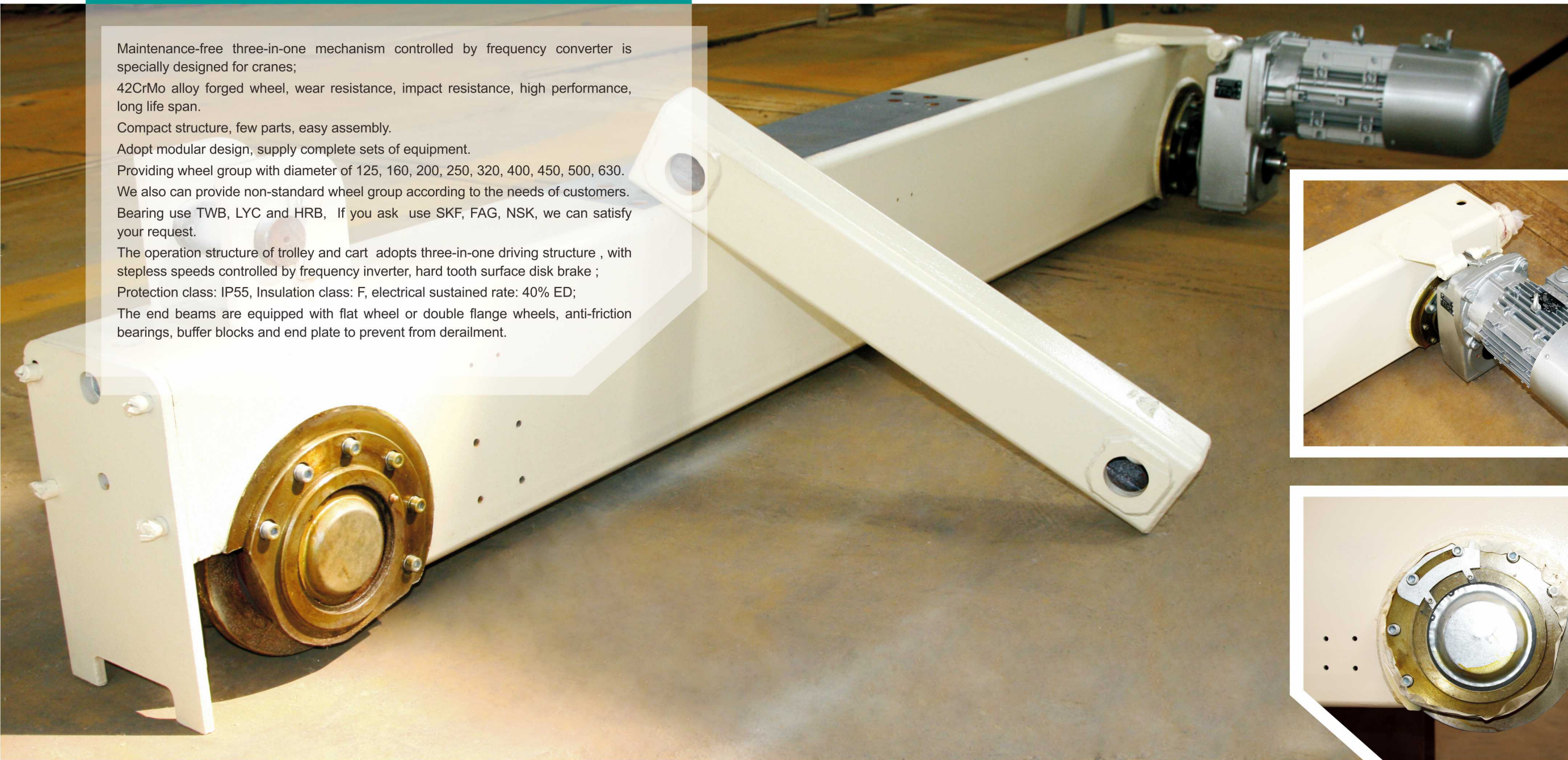
We also can provide non-standard wheel group according to the needs of customers.

Bearing use TWB, LYC and HRB, If you ask use SKF, FAG, NSK, we can satisfy your request.

The operation structure of trolley and cart adopts three-in-one driving structure, with stepless speeds controlled by frequency inverter, hard tooth surface disk brake;

Protection class: IP55, Insulation class: F, electrical sustained rate: 40% ED;

The end beams are equipped with flat wheel or double flange wheels, anti-friction bearings, buffer blocks and end plate to prevent from derailment.



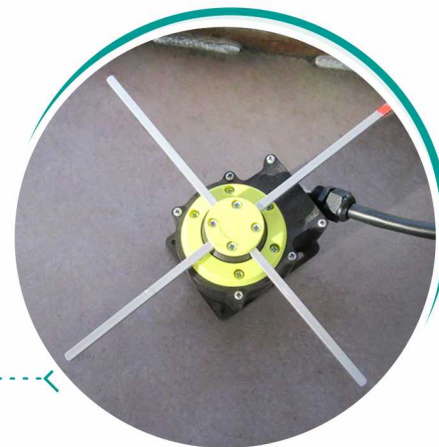
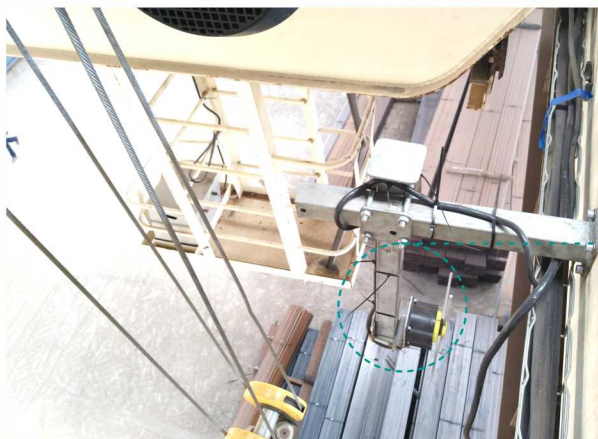


Non-skid walkway is located at one side of main beam and made of checkered plate, handrail(at least 1050mm), upright and toe protection edges, which are connected by bolts.

NON-SKID WALKWAY AND HANDRAIL



CROSS LIMIT SWITCH



To position the direction of cross and long travelings of the crane and realize speed reducing and position controlling. Safe, reliable and easy to install and adjust.



ELECTRIC CONTROL SYSTEM AND REMOTE RECEIVER

OPTION



Cabin Control

Linkage control, conjoined with driving chair, easy to operate
Professional driving chairs, adjustable and fully turning
Round window with large arc glass, wide view
Two steps push button or joystick station with emergency stop.



Maintenance Cage

Mainly used for electric wire maintenance.
If you put an order for more than sets of CHD series double girder overhead cranes, we suggest you choose hydraulic elevator as maintenance platform which is more flexible.



Pendant

Easy to control, unnecessary to add professional driver.
Double block button to achieve safety stop.
Following type or independent sliding type suspended under hoist.
Protection class IP65
Lifespan: 500,000 times



Remote Control

Easy to control, unnecessary to add professional driver , more free space for operator on the ground.
Tens of thousands of frequency points, non-interference with each other.
Two steps push button or joystick station with emergency stop.
Protection class IP65
Lifespan: 500,000 times

HSMX

1. HFP Series engineering plastic ducted type HSMX

The shell of HFP series engineering plastic
HFP series engineering plastic ducted-type HSMX shell is extruded by specific engineering plastics, which has the characteristics of safety and energy saving, acid and alkali corrosion and flame retardant.



Specifications

| No. | Specifications&model | Conduction area | Current | Remarks |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------|-----------------|---------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1 | HFP-4-10/50 HFPE-4-10/50 | 10 ² | 50A | Standard size of 4m can be made into 3 pole or 5 poles match with current collector HFP-4-40/HFP-4-60/HFP-4-150, double carbon brush collector as an option. |
| 2 | HFP-4-15/80 HFPE-4-15/80 | 15 ² | 80A | |
| 3 | HFP-4-25/100 HFPE-4-25/100 | 25 ² | 100A | |
| 4 | HFP-4-35/130 HFPE-4-35/130 | 35 ² | 130A | |
| 5 | HFP-4-50/180 HFPE-4-50/180 | 50 ² | 180A | |
| 6 | HFP-4-70/210 HFPE-4-70/210 | 70 ² | 210A | |
| Remarks: a.The above specification can be made of various curved ducts with a radius greater than 1M b.HFPF is a dustproof sliding contact line. | | | | |

2. JDC-H type, single pole combined sliding contact line

JDC - H single-polar combined type HSMX is made from rare earth alloy, large amount of river closure and small voltage. Using the stainless steel strip with good wear resistance in the aluminum guide rail and brush friction parts, to ensure that the mobile guide and valid service life.



Specifications

| No. | Model | Specifications | No. | Model | Specifications | Remarks |
|-----|------------|-------------------|-----|------------|-------------------|-------------------------------------------------------------|
| 1 | JDC-H-150A | 90m ² | 6 | JDC-H-150A | 90m ² | Standard size of 6m can be made into 3 poles and any poles. |
| 2 | JDC-H-250A | 145m ² | 7 | JDC-H-250A | 145m ² | |
| 3 | JDC-H-320A | 180m ² | 8 | JDC-H-320A | 180m ² | |
| 4 | JDC-H-500A | 300m ² | 9 | JDC-H-500A | 300m ² | |
| 5 | JDC-H-800A | 450m ² | | JDC-H-800A | 450m ² | |

3. Seamless type HSMX

Material: non-oxygen copper, contains copper 99.95% above.
More than 100% conductivity.



Specifications:

| 3 poles seamless HSMX | | |
|--------------------------|-------------------|------------|
| Model | Specifications | Weight(KG) |
| HFE302-10mm ² | 10mm ² | 0.72/m |
| HFE302-15mm ² | 15mm ² | 0.82/m |
| HFE302-25mm ² | 25mm ² | 1.07/m |

| 4 poles seamless HSMX | | |
|--------------------------|-------------------|------------|
| Model | Specifications | Weight(KG) |
| HFE402-10mm ² | 10mm ² | 0.88/m |
| HFE402-15mm ² | 15mm ² | 1.00/m |
| HFE402-25mm ² | 25mm ² | 1.38/m |

4. JGH high temperature rigid body sliding contact line

JGH type high temperature rigid body sliding contact line is made up of trapezoidal type copper wire and steel tank bracket in a certain length of split phase group, with high strength special insulating pillar, forming of various sliding contact line indoor and outdoor, it can meet the bad environment requirment of high voltage & abnormal high temperature condition.

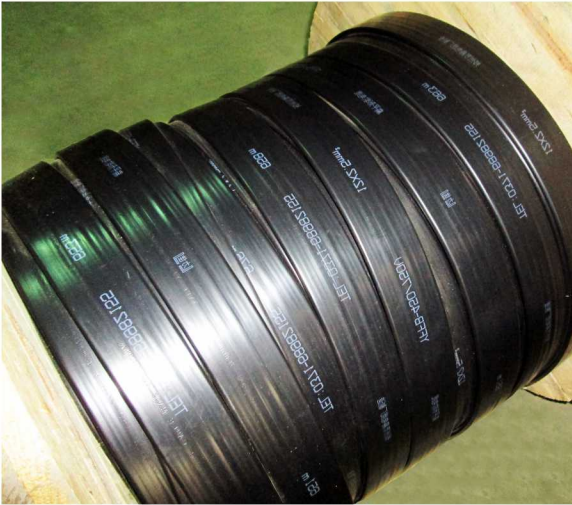
CABLE

Cable Properties:

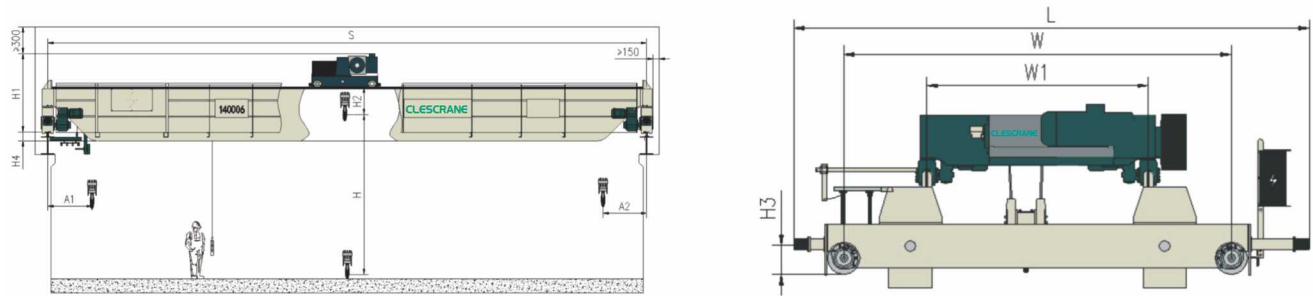
Sheath: special polychloreprene (Butadiene-acrylonitrile rubber), it remains flexible at -15℃, flame resistance and self-extinguishing.

Thin structure with a minimum bending radius of 10cm, suitable for quick rewinding device, oil resistant and cold resistant, the power cord and communication line can be added in the core (and can also produce the circular structure).

Specification&model: YFFB 0.75~95 mm²



PARAMETERS OF CHD
SERIES DOUBLE GIRDER
OVERHEAD CRANE



| Lifting capacity (t) | Span S(m) | Lifting height H(m) | Travelling speed (m/min) | Lifting speed (m/min) | Electric control code | Crane working class FEM/ISO | Hoist working class FEM/ISO | Trolley gauge W1(mm) | Wheel base W(mm) | Crane width L(mm) | Height above rail H1(mm) | Hook top limit size H2(mm) | Buffer height H3(mm) | Height below rail H4(mm) | Left limit size A1(mm) | Right limit size A2(mm) | Max.wheel load (KN) | Total power (KW) | Dead weight (kg) |
|----------------------|-----------|---------------------|--------------------------|-----------------------|-----------------------|-----------------------------|-----------------------------|----------------------|------------------|-------------------|--------------------------|----------------------------|----------------------|--------------------------|------------------------|-------------------------|---------------------|------------------|------------------|
| 5 | 7.5 | 12 | 3.2~32 | 0.8/5.0 | CHD05E | 2m/A5 | 2m/M5 | 1700 | 3000 | 4140 | 1295 | 156 | 150 | -184 | 606 | 616 | 33 | 8.46 | 3714 |
| | 10.5 | | | | | | | | 3000 | 4140 | 1295 | 206 | 150 | -184 | 606 | 616 | 36 | 8.46 | 4490 |
| | 13.5 | | | | | | | | 3000 | 4140 | 1195 | 206 | 150 | -84 | 606 | 616 | 39 | 8.46 | 5476 |
| | 16.5 | | | | | | | | 3000 | 4190 | 1231 | 206 | 150 | 16 | 606 | 616 | 43 | 9.16 | 6790 |
| | 19.5 | | | | | | | | 3000 | 4190 | 1181 | 256 | 150 | 66 | 606 | 616 | 46 | 9.16 | 7717 |
| | 22.5 | | | | | | | | 3500 | 4240 | 1157 | 256 | 150 | 116 | 606 | 616 | 50 | 9.16 | 9488 |
| | 25.5 | | | | | | | | 3500 | 4290 | 1207 | 306 | 150 | 118 | 606 | 616 | 55 | 9.16 | 11401 |
| | 28.5 | | | | | | | | 4000 | 4790 | 1324 | 423 | 250 | 53 | 606 | 616 | 61 | 9.16 | 13622 |
| | 31.5 | | | | | | | | 4500 | 5290 | 1374 | 473 | 250 | 53 | 606 | 616 | 64 | 9.16 | 14931 |
| 10 | 7.5 | 12 | 3.2~32 | 0.8/5.0 | CHD10E | 2m/A5 | 2m/M5 | 1700 | 3000 | 4090 | 1295 | 46 | 150 | -184 | 669 | 703 | 57 | 12.56 | 4250 |
| | 10.5 | | | | | | | | 3000 | 4190 | 1261 | 96 | 150 | -84 | 669 | 703 | 62 | 12.56 | 5361 |
| | 13.5 | | | | | | | | 3000 | 4190 | 1261 | 96 | 150 | 16 | 669 | 703 | 66 | 12.56 | 6421 |
| | 16.5 | | | | | | | | 3000 | 4290 | 1261 | 96 | 150 | 116 | 669 | 703 | 70 | 12.56 | 8048 |
| | 19.5 | | | | | | | | 3000 | 4340 | 1326 | 161 | 250 | 151 | 669 | 703 | 76 | 13.36 | 9575 |
| | 22.5 | | | | | | | | 3500 | 4490 | 1476 | 311 | 250 | 101 | 669 | 703 | 81 | 13.36 | 11734 |
| | 25.5 | | | | | | | | 3500 | 4490 | 1478 | 313 | 250 | 153 | 669 | 703 | 88 | 13.36 | 14349 |
| | 28.5 | | | | | | | | 4000 | 4910 | 1533 | 368 | 250 | 148 | 669 | 703 | 95 | 13.36 | 17044 |
| | 31.5 | | | | | | | | 4500 | 5360 | 1683 | 518 | 250 | 98 | 669 | 703 | 101 | 13.36 | 19501 |
| 12.5 | 7.5 | 12 | 3.2~32 | 0.8/5.0 | CHD12E | 2m/A5 | 2m/M5 | 1700 | 3000 | 4190 | 1245 | 46 | 150 | -134 | 669 | 703 | 68 | 12.56 | 4380 |
| | 10.5 | | | | | | | | 3000 | 4190 | 1311 | 146 | 150 | -84 | 669 | 703 | 74 | 12.56 | 5539 |
| | 13.5 | | | | | | | | 3000 | 4290 | 1311 | 146 | 150 | 16 | 669 | 703 | 79 | 12.56 | 6874 |
| | 16.5 | | | | | | | | 3000 | 4340 | 1326 | 161 | 250 | 101 | 669 | 703 | 84 | 13.36 | 8724 |
| | 19.5 | | | | | | | | 3000 | 4340 | 1376 | 211 | 250 | 153 | 669 | 703 | 89 | 13.36 | 10171 |
| | 22.5 | | | | | | | | 3500 | 4490 | 1476 | 311 | 250 | 153 | 669 | 703 | 96 | 13.36 | 12785 |
| | 25.5 | | | | | | | | 3500 | 4660 | 1533 | 368 | 250 | 148 | 669 | 703 | 104 | 13.36 | 15636 |
| | 28.5 | | | | | | | | 4000 | 4910 | 1583 | 418 | 250 | 198 | 669 | 703 | 110 | 14.76 | 17852 |
| | 31.5 | | | | | | | | 4500 | 5410 | 1683 | 518 | 250 | 198 | 669 | 703 | 118 | 14.76 | 21078 |
| 16 | 7.5 | 12 | 3.2~32 | 0.6/4.0 | CHD16E | 2m/A5 | 2m/M5 | 2000 | 3500 | 4490 | 1402 | 21 | 150 | -134 | 854 | 907 | 81 | 20.9 | 4799 |
| | 10.5 | | | | | | | | 3500 | 4490 | 1452 | 71 | 150 | -82 | 854 | 907 | 90 | 20.9 | 5952 |
| | 13.5 | | | | | | | | 3500 | 4640 | 1569 | 188 | 250 | 3 | 854 | 907 | 98 | 20.9 | 7995 |
| | 16.5 | | | | | | | | 3500 | 4640 | 1569 | 188 | 250 | 153 | 854 | 907 | 104 | 20.9 | 10020 |
| | 19.5 | | | | | | | | 3500 | 4810 | 1624 | 243 | 250 | 98 | 854 | 907 | 112 | 20.9 | 11978 |
| | 22.5 | | | | | | | | 3500 | 4860 | 1674 | 293 | 250 | 148 | 854 | 907 | 119 | 22.3 | 14568 |
| | 25.5 | | | | | | | | 3500 | 4910 | 1724 | 343 | 250 | 248 | 854 | 907 | 126 | 22.3 | 16899 |
| | 28.5 | | | | | | | | 4000 | 5010 | 1824 | 443 | 250 | 200 | 854 | 907 | 134 | 22.3 | 20101 |
| | 31.5 | | | | | | | | 4500 | 5360 | 1874 | 493 | 250 | 250 | 854 | 907 | 141 | 22.3 | 22663 |

| Lifting capacity (t) | Span S(m) | Lifting height H(m) | Travelling speed (m/min) | Lifting speed (m/min) | Electric control code | Crane working class FEM/ISO | Hoist working class FEM/ISO | Trolley gauge W1(mm) | Wheel base W(mm) | Crane width L(mm) | Height above rail H1(mm) | Hook top limit size H2(mm) | Buffer height H3(mm) | Height below rail H4(mm) | Left limit size A1(mm) | Right limit size A2(mm) | Max.wheel load (KN) | Total power (KW) | Dead weight (kg) |
|----------------------|-----------|---------------------|--------------------------|-----------------------|-----------------------|-----------------------------|-----------------------------|----------------------|------------------|-------------------|--------------------------|----------------------------|----------------------|--------------------------|------------------------|-------------------------|---------------------|------------------|------------------|
| 20 | 7.5 | 12 | 3.2~32 | 0.6/4.0 | CHD20E | 2m/A5 | 1Am/M4 | 2000 | 3500 | 4640 | 1517 | 136 | 250 | -99 | 854 | 907 | 99 | 22.3 | 5393 |
| | 10.5 | | | | | | | | 3500 | 4640 | 1567 | 186 | 250 | -47 | 854 | 907 | 109 | 22.3 | 6702 |
| | 13.5 | | | | | | | | 3500 | 4640 | 1619 | 238 | 250 | 53 | 854 | 907 | 118 | 22.3 | 8712 |
| | 16.5 | | | | | | | | 3500 | 4810 | 1624 | 243 | 250 | 48 | 854 | 907 | 126 | 22.3 | 10942 |
| | 19.5 | | | | | | | | 3500 | 4910 | 1674 | 293 | 250 | 148 | 854 | 907 | 134 | 22.3 | 13104 |
| | 22.5 | | | | | | | | 3500 | 4910 | 1724 | 343 | 250 | 200 | 854 | 907 | 141 | 22.3 | 15471 |
| | 25.5 | | | | | | | | 4000 | 5024 | 1828 | 447 | 250 | 146 | 854 | 907 | 150 | 22.3 | 18652 |
| | 28.5 | | | | | | | | 4000 | 5024 | 1878 | 497 | 350 | 246 | 854 | 907 | 157 | 22.3 | 21331 |
| | 31.5 | | | | | | | | 4500 | 5424 | 1928 | 547 | 350 | 296 | 854 | 907 | 168 | 22.3 | 25357 |
| 25 | 7.5 | 12 | 3.2~32 | 0.8/3.2 | CHD25E | 2m/A5 | 3m/M6 | 2400 | 4000 | 5160 | 1772 | 0 | 250 | -206 | 915 | 1005 | 126 | 27 | 7349 |
| | 10.5 | | | | | | | | 4000 | 5160 | 1872 | 100 | 250 | -106 | 915 | 1005 | 141 | 27 | 9340 |
| | 13.5 | | | | | | | | 4000 | 5310 | 1874 | 102 | 250 | -6 | 915 | 1005 | 149 | 27 | 10586 |
| | 16.5 | | | | | | | | 4000 | 5310 | 1974 | 202 | 250 | -4 | 915 | 1005 | 161 | 27 | 13950 |
| | 19.5 | | | | | | | | 4000 | 5274 | 2024 | 252 | 350 | 96 | 915 | 1005 | 171 | 27 | 16653 |
| | 22.5 | | | | | | | | 4500 | 5474 | 2074 | 302 | 350 | 146 | 915 | 1005 | 181 | 27 | 19798 |
| | 25.5 | | | | | | | | 4500 | 5474 | 2124 | 352 | 350 | 246 | 915 | 1005 | 189 | 27 | 22610 |
| | 28.5 | | | | | | | | 4500 | 5524 | 2174 | 402 | 350 | 296 | 915 | 1005 | 198 | 28.6 | 25751 |
| | 31.5 | | | | | | | | 4500 | 5524 | 2226 | 454 | 350 | 396 | 915 | 1005 | 211 | 28.6 | 30746 |
| 32 | 7.5 | 12 | 3.2~32 | 0.8/3.2 | CHD32E | 2m/A5 | 2m/M5 | 2400 | 4500 | 5240 | 1664 | -108 | 150 | -86 | 980 | 1040 | 78 | 28.6 | 7329 |
| | 10.5 | | | | | | | | 4500 | 5190 | 1764 | -8 | 150 | -36 | 980 | 1040 | 87 | 28.6 | 10258 |
| | 13.5 | | | | | | | | 4500 | 5240 | 1814 | 42 | 150 | 64 | 980 | 1040 | 92 | 28.6 | 11506 |
| | 16.5 | | | | | | | | 4500 | 5290 | 1929 | 157 | 250 | 149 | 980 | 1040 | 98 | 28.6 | 14793 |
| | 19.5 | | | | | | | | 4500 | 5340 | 1979 | 207 | 250 | 199 | 980 | 1040 | 103 | 28.6 | 16807 |
| | 22.5 | | | | | | | | 4500 | 5460 | 2034 | 262 | 250 | 344 | 980 | 1040 | 108 | 28.6 | 20449 |
| | 25.5 | | | | | | | | 4500 | 5510 | 2084 | 312 | 250 | 394 | 980 | 1040 | 114 | 28.6 | 24198 |
| | 28.5 | | | | | | | | 4500 | 5660 | 2134 | 362 | 250 | 444 | 980 | 1040 | 119 | 30.6 | 27738 |
| | 31.5 | | | | | | | | 4500 | 5710 | 2134 | 362 | 250 | 544 | 980 | 1040 | 124 | 30.6 | 31698 |
| 40 | 7.5 | 12 | 3.2~32 | 0/4.9 | CHD40E | 2m/A5 | 2m/M5 | 2400 | 4500 | 5240 | 1826 | -148 | 150 | -186 | 980 | 1040 | 95 | 49.8 | 8366 |
| | 10.5 | | | | | | | | 4500 | 5240 | 1976 | 2 | 150 | -136 | 980 | 1040 | 106 | 49.8 | 10564 |
| | 13.5 | | | | | | | | 4500 | 5290 | 1993 | 19 | 250 | 1 | 980 | 1040 | 113 | 49.8 | 13305 |
| | 16.5 | | | | | | | | 4500 | 5290 | 1993 | 19 | 250 | 201 | 980 | 1040 | 120 | 49.8 | 16112 |
| | 19.5 | | | | | | | | 4500 | 5460 | 2048 | 74 | 250 | 246 | 980 | 1040 | 126 | 49.8 | 18939 |
| | 22.5 | | | | | | | | 4500 | 5510 | 2098 | 124 | 250 | 346 | 980 | 1040 | 131 | 49.8 | 22334 |
| | 25.5 | | | | | | | | 4500 | 5510 | 2148 | 174 | 250 | 446 | 980 | 1040 | 137 | 49.8 | 26094 |
| | 28.5 | | | | | | | | 4500 | 5660 | 2198 | 224 | 250 | 496 | 980 | 1040 | 143 | 49.8 | 29861 |
| | 31.5 | | | | | | | | 4500 | 5724 | 2348 | 374 | 350 | 496 | 980 | 1040 | 150 | 49.8 | 35330 |
| 50 | 7.5 | 12 | 3.2~32 | 0.53/3.2 | CHD50E | 2m/A5 | 2m/M5 | 3000 | 5500 | 6410 | 1898 | -86 | 250 | -204 | 980 | 1040 | 117 | 49.8 | 10418 |
| | 10.5 | | | | | | | | 5500 | 6410 | 1998 | 14 | 250 | -154 | 980 | 1040 | 129 | 49.8 | 12563 |
| | 13.5 | | | | | | | | 5500 | 6360 | 1998 | 14 | 250 | -46 | 980 | 1040 | 138 | 49.8 | 15140 |
| | 16.5 | | | | | | | | 5500 | 6410 | 1998 | 114 | 250 | 96 | 980 | 1040 | 146 | 49.8 | 18038 |
| | 19.5 | | | | | | | | 5500 | 6410 | 2198 | 214 | 250 | 196 | 980 | 1040 | 152 | 49.8 | 21069 |
| | 22.5 | | | | | | | | 5500 | 6410 | 2248 | 264 | 250 | 296 | 980 | 1040 | 158 | 49.8 | 24584 |
| | 25.5 | | | | | | | | 5500 | 6360 | 2298 | 314 | 250 | 396 | 980 | 1040 | 164 | 52.8 | 28487 |
| | 28.5 | | | | | | | | 5500 | 6424 | 2298 | 314 | 350 | 448 | 980 | 1040 | 172 | 52.8 | 33413 |
| | 31.5 | | | | | | | | 5500 | 6424 | 2398 | 414 | 350 | 498 | 980 | 1040 | 177 | 52.8 | 37387 |

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

Clescane's service pack is safe and costs less.

Clescane's service pack also applies to cranes and hoists produced by other manufacturers.



OPTIONS

Safety

Sophisticated load handling methods reduces the risk of collisions and accidents.

Productivity

Time savings in load handling and final positioning makes processes more efficient.

Cost savings

Longer lifetime of components and less maintenance work results in better economy.



Extended Speed Range



Micro Speed



Slack Rope



Tandem



Inching



Restricted Load



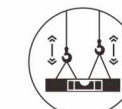
Sway Control



Load Floating



Shock Load



Synchronisation



Cranes in Tandem

**Advanced Product Solution Constant Innovation
Based on the Demand of Customers**