# **Kuwait** Company



#### **CLESCRANE**

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#### CHALLENGE

Growing company requires more cranes

# Kuwait Trading & Maintenance Company

Kuwait Trading & Maintenance Company founded in 1970, mainly working on exploration and mining of oil and gas, including maintenance service on drilling equipments.

Because used Street hoist was damaged, so it is necessary to have the transformation and upgrading for the existed crane, which can promote the crane working efficiency and operation safety.





From the designing phase, we provide clients the tailored solutions, strive to realize perfect customization on every crane according to specific requests and ensure which meet customer's lifting demand exactly.





## **Crane** transformation

Clescrane owns rich crane industrial experience, our professional engineers have skilled technique on cranes' transformation.

We will evaluate structural integrity of crane and mechanical and electrical conditions, at the same time, we also go on study on loading, working class requests and maintenace record, after analyzing all the factors based on needed performance requirements, we will determine the most sutiable transformation plan.

- + Extend the lifespan of overhead crane
- + Raise productivity
- + Obtain the new crane advantage with lower cost
- + Create safer working place
- + Reliable crane supplier







# **SOLUTION**Clescrane provides electric hoist

Through overall and detailed communication, accordingly to used equipment condition and actual demand from client, we according CH Series wire rope hoist (suitable for double girder crane).

In Sep. 2016, Clescrane and Kuwait Trading & Maintenance Company reached cooperation and signed 4 sets of CH Series wire rope hoists (CH 16t H=7m M5 4 sets).





#### **Equipment List**

Model	Qty.
CH16t H=7M M5	4

### SOLUTION

## Clescrane provides electric hoist

- European standard , first class quality.
- ► High efficiency , energy-saving , safety.
- Provide you complete solving plan for crane customers and material handling lifting.
- ► Clescrane will create continuous value for customers.











### RESULTS

Quality products and service satisfy the customer

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

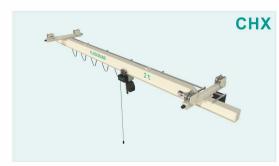
Well drilling industry has been one of the historically main industrial sectors which Clescrane provide solutions .With the rich experience in this field , we provide professional solutions which make many of our clients satisfied . No matter whichever process requires the crane equipment , we can help our clients to improve the working efficiency .



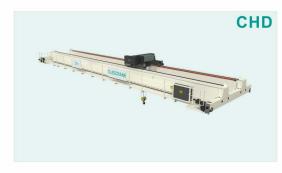
#### **PRODUCTS**



CHS Series Single Girder Overhead Crane Max. Load: 20t



CHX Series Single Girder Suspension Crane Max. Load: 10t



CHD Series Double Girder Overhead Crane Max. Load: 100t



CWD Series Double Girder Overhead Crane Max. Load: 320t



CHG(S) Series Single Girder Gantry Crane Max. Load: 20t



CHG(D) Series Double Girder Overhead Crane Max. Load: 100t



CWG Series Double Girder Gantry Crane Max. Load: 320t



CH(W)B Series Semi Gantry Crane Max. Load: 100t



CJZ Series Pillar Mounted Jib Crane Max. Load: 10t



CH Series Wire Rope Electric Hoist (for Single Girder Crane) Max. Load: 20t

CH



CH Series Wire Rope Electric Hoist (for Double Girder Crane) Max. Load:100t



CW Series Open Winch Trolley Max. Load: 320t

#### **SERVICE**

Our service solutions are specially made based on different requirements of individual clients.

Meeting their standards could remove 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 cost less.
   Clescrane's service pack also can be applied to cranes and hoists produced by other manufacturers.











#### **OPTIONS**

- 1. Girder width of single-girder crane: 550-690mm. wheel width of double-girder crane can be customized (not bigger than 15% of the standard wheel width).
- 2. Double girder track gauge (1400-1700-2000-2400-2700-3100-3400-3800). The gauge can be customized and will influence the price.
- 3. Standard headroom hoist trolley for single girder crane is turnable, and the turning radius usually shall be bigger than 2m.
- 4. Cross travel is controlled by variable frequency. Frequency converter brand can be Schneider, ABB or Yaskawa.
- 5. 1-step of 2-step cross travel limits are available.
- 6. Pendant control is made in Schneider Czech Factory with 8 buttons or 12 buttons. Rotary button can be made by Clescrane to control two hoists on the same crane with one pendant control.
- 7. Pendant control cable has socket (customer can not name the brand).
- 8. Monitoring unit is optional, with single mechanism or multi mechanisms. Customer can not name the brand.
- 9. Big display of lifting load is available with sizes of 500\*230mm or 900\*230mm. It is usually installed on main girder or end beam to show the lifting weight when the crane is lifting. Customer can not name the brand.
- 10. Processing ways for outdoor or humid environment: 1. Heating, 2. Stainless steel electric cabinet, 3. Stainless steel hoist shell.
- 11. hook size can be customized according to customer's needs.
- 12. Heavy-hammer limiting device (started by hook) can be used for lifting. Customer can not name the brand.
- 13. Double brake for hoisting is available.
- 14. Double speed hoisting can be changed into frequency converting control. Frequency converter brand can be Schneider, ABB or Yaskawa.
- 15. Anti-sway function can be added, but the frequency converter can only be Schneider Brand.
- 16. Hoisting can travelling can have inching function.
- 17. Bearings can have other brands excluding the gear reducer bearings.
- 18. Standard control voltage is 48V, can be changed into 24V, 360V or 110V according to customers' need.
- 19. Hoists for monorail crane shall be standard headroom hoist.

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

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