

We are Committed to Providing Industry Cutting-Edge Products and Technologies

The performance and quality are the cornerstones of our success.

We will always provide quality products and services to Chinese customers.

NCH series electric chain hoists

Lifting capacity: **50Kg-25,000Kg**

High performance

Compact structure

Mute and eco-friendly



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HOIST MASTER
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Our Mission ● Innovation creates value

Our Vision ● The world's leading manufacturer of electric hoist

Our Values ● Quality / Innovation / Co-operation

About Us

NOVOCRANRS

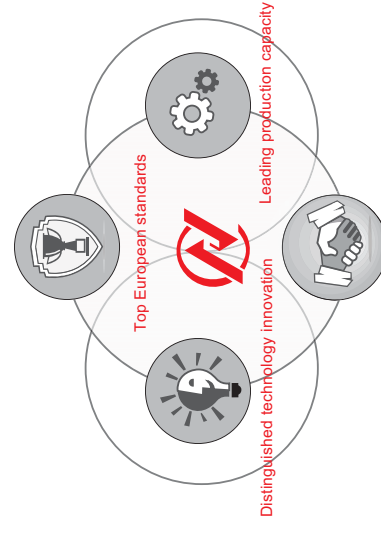
Novocranes, as the global leader, is the professional manufacturer and service provider of the electric hoist, which inherits German advanced product design concept, perfect technological process and strict quality management and is committed to providing the products with first-class quality, leading performance and higher cost performance. The Company's products mainly include NCH electric chain hoists, NWH wire rope electric hoists, clean room electric hoists, explosion-proof electric hoists and other lifting mechanism, the flexible girder of light cranes, jib cranes and crane components. Its products are used in many fields of the equipment manufacturing industry, automobile industry, transportation and logistics, energy industry, metallurgy, shipping, etc. Novocranes put the advanced design concept and application concept into practice to provide customers with lifting equipment with light self-weight, low headroom, safety and reliability, excellent performance, and efficient running.

Adhering to the tenet of close to the user and market, Novocranes maintains close relations of cooperation with well-known companies, academic institutions, and industry experts at home and abroad for a long time. Novocranes yearly invests a large number of human and material resources into the research and development of products to make the products maintain leading superiority in the markets by technology innovation to lead market trend and the pursuit of quality to obtain customers trust. Novocranes is committed to manufacturing the electric hoists, light cranes and crane parts with the lifting capacity from 50kg to 80t, which can meet customer requirements for a variety of operating conditions to provide customers with optimum solutions. The Company has established long-term cooperative relationship with China's major crane factories with multi-angle cooperation of providing technical solution, technical exchange and product delivery and others, so that the Company can provide customers with one-stop service finally.

With much more extensive application of electric hoists, operational contents and operating conditions of electric hoists have produced very detailed and targeted differentiation, thus all kinds of special electric hoists emerge at the right moment to meet the individual needs of different market segments. Novocranes goes into depth to understand customers' needs, and develops and manufactures high grade clean electric hoists with international leading level to meet customers' special requirements for equipment, the environment and the use. As an innovator and pioneer in the field of electric hoist segments, the Company is always willing to understand customers' needs, and innovates initiatively to meet customers' needs, accumulates very rich application experience in market segments at the same time so that the Company will become a pioneer in the electric hoist industry for a long time.

With advanced equipment, mature technology, and improved management, Novocranes factory is located in Economic Development Zone, Wujiang, Suzhou, covering an area of about 25,000 square meters, with beautiful scenery and convenient transportation. The Company has passed the certification of TUV ISO9001 quality management system and ISO14001 environmental management system, and the main products have passed the European Union CE certification. Perfect quality assurance system, standardized management system, strong production capacity and advanced detection means, and strong market competitiveness with guaranteed high-quality products.

Novocranes and its cooperative partners take meeting customers' needs as their own duty and provide customers with the optimum products and services and create value for customers continuously.



Sincere communication and service

NCH series electric chain hoist

Product advantages:

- > Brand new simple design
- > Fully enclosed body
- > New die-cast aluminum shell
- > Self-weight of equipment is light
- > Efficient motor, efficient transmission
- > Maintenance-free design
- > Easy operation, portable and practical
- > Sharply promote service life
- > Safe and reliable, can improve operation efficiency

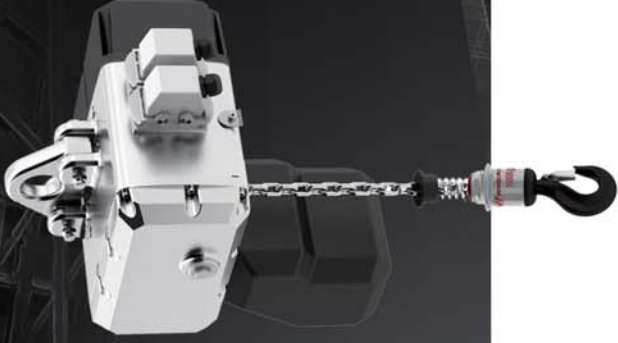


The modular design allows flexible combination of our products, quickly meets customers' requirements and individual design, and makes maintenance much easier. NCH electric chain hoists can collocate with manual or electric trolley, which can be installed on a flexible girder, monorail crane, cantilever crane or bridge crane, and frequency-controlled electric trolley combines with high lifting speed, which can provide a flexible and efficient solution for your materials handling.

Standardized and humanized design can improve operating performance as well as can significantly reduce maintenance costs. The main parts of NCH electric chain hoist are adopted maintenance-free design, and it is no need to be replaced, but only routine maintenance, when using according to safety specification.

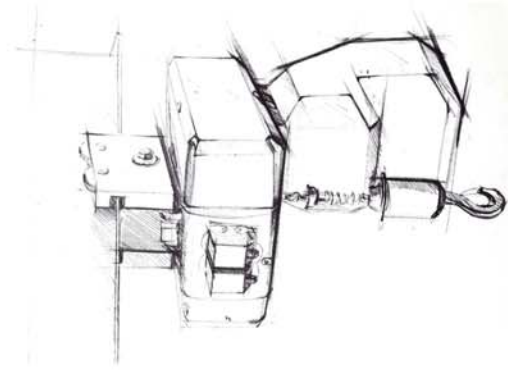
Standard configuration of NCH series electric chain hoist:

- > Double-speed lifting
- > Dismountable lifting ears
- > Chain of lifting height of 3 meters
- > FEM work hierarchy of 1Bm / 2m
- > 380V/48V/50Hz lifting electronic control system
- > Controllable hand switch with quick coupling
- > Upper and lower limit switches
- > Black plastic chain case
- > Safety brake
- > Friction clutch

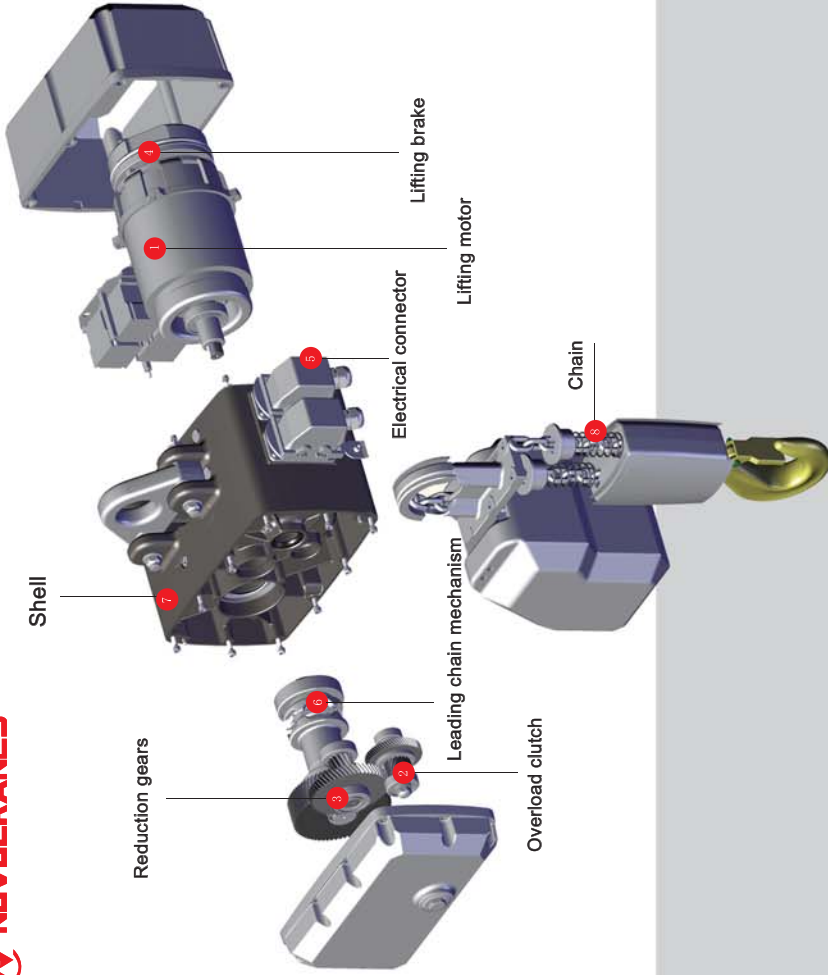


R & D Manufacturing

Since NCH electric chain hoists were launched, it has been unanimously approved by the crane manufacturer and the end customer based on its excellent quality, good performance, most competitive prices, and it has rapidly become the first choice for customers to purchase light and medium load lifting handling equipment. The product inherits advanced design concepts of Germany, such as compact structure, reliable performance, durability, wide applications of NCH series electric chain hoist. NCH chain hoist is designed and manufactured in strict accordance with European FEM, EN and Germany DIN standard, and it meets ISO and China GB, JB and other standards.



Modular design, flexible combination, Meeting the personalized needs of customers



Push Button



It is connected to hoist by standard quick plug.
Low-voltage control switch with emergency stop button design.
The cables of hand switch are high-quality round cable with copper core of 1.5mm².
Weight of hand switch and cable is concentrated on wire rope, which can greatly improve the cable's life.

Product Features



Lifting motor

Light weight and small volume of high-performance motor.
Rotating speed can be up to 3000r.p.m.
High starting torque and high energy efficiency.
Sustained rate of electric connection reaches up to 60%, which can meet the demand for high-frequency handling.
Protection grade IP55 and insulation grade F.



Overload clutch

Integrated in the drive gear shaft. Overload protection function can keep torque up to 1.4 times of safe load.
Maintenance-free design, adjustable overload torque.



Reduction gears

Helical gear design, with high transmission efficiency and low noise.
Hardened gear surface processing, heat treatment after gear grinding, Grade 7 precision of gears or even higher.
Full oil bath lubrication, ultra low noise and long life.
Perfect meshing and efficient transmission.



Lifting brake

Electromagnetic disc brake is arranged at the end of the drive gear shaft.
The brake medium does not contain asbestos.
Brake disc with maintenance-free design, can automatically adjust brake clearance, with capacity to operate one million times in normal use.
Brake is fully closed, with high protection grade, which can meet the work requirements in harsh environment.
Brake torque is 2 times to the rated motor torque.



Electrical connector

Connectors with aluminum standard prevent misconnection and bobble.
10-core connector can make it easier for control and power supply.
Plug and play, convenient and efficient



Leading chain mechanism

Leading chain wheel with five sockets design, and surface hardening treatment.
Smoothen and quieter leading chain.
It can meet the harsh working environment.



Shell

Die-casting high-strength alloy is integrally molded, with corrosion resistance and good sealing.
Special suspension design, to avoid box from load force.
Engineering plastic of motor casing.
Light overall weight, good heat dissipation.



Chain

Carburizing chain of special high-strength alloy steel.
Surface with galvanization treatment.
Abrasion-resistant and corrosion-resistant.
High safety factor.

The installation of flexible



➤ Hooked to a manual or electric trolley in a Eurosystem(1)

➤ Coupled to a motorised variable speed travelling trolley

➤ Hooked to a manual or electric trolley in a Eurosystem(2)

➤ Coupled to a motorised variable speed travelling trolley

Product Type

Selection table of NCH series electric chain hoist

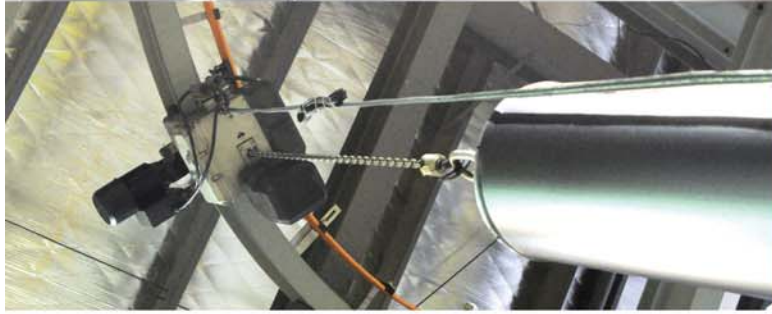
Load capacity (kg)	FEM/ISO	Hoist type	Power (kW)	speed (m/min)	Number of falls
50	3M	NCH1 005 108	0.09/0.37	2.0/8.0	1
125	3M	NCH1 012 108	0.09/0.37	2.0/8.0	1
250	3M	NCH1 025 108	0.18/0.75	2.0/8.0	1
500	3M	NCH1 050 204	0.18/0.75	1.0/4.0	2
500	1Am	NCH1 050 108	0.18/0.75	2.0/8.0	1
500	2M	NCH2 050 108	0.22/0.9	2.0/8.0	1
1000	1Am	NCH1 100 204	0.18/0.75	1.0/4.0	2
1000	1Am	NCH2 100 108	0.45/1.9	2.0/8.0	1
1000	3M	NCH3 100 110	0.45/1.8	2.5/10.0	1
2000	1Am	NCH2 200 204	0.45/1.9	1.0/4.0	2
2000	3M	NCH3 200 205	0.45/1.8	1.25/5.0	2
2500	2M	NCH6 250 110	1.1/4.4	2.5/10.0	1
3000	2M	NCH3 300 205	0.45/1.8	1.25/5.0	2
3200	1Bm	NCH6 320 108	1.1/4.4	2.0/8.0	1

Load capacity (kg)	FEM/ISO	Hoist type	Power (kW)	speed (m/min)	Number of falls
4000	2M	NCH12 400 105	1.3/6	1.4/5.6	1
5000	2M	NCH6 500 205	1.1/4.4	1.25/5.0	2
5000	1Am	NCH12 500 105	1.3/6	1.4/5.6	1
6000	1Bm	NCH12 600 105	1.3/6	1.4/5.6	1
6300	1Bm	NCH6 630 204	1.1/4.4	1.0/4.0	2
8000	2M	NCH12 800 202	1.3/6	0.7/2.8	2
8000	2M	NCH25 800 106	3.1/12.5	1.6/6.4	1
10000	1Am	NCH12 1000 202	1.3/6	0.7/2.8	2
10000	1Am	NCH25 1000 106	3.1/12.5	1.6/6.4	1
12500	1Bm	NCH12 1250 202	1.3/6	0.7/2.8	2
12500	1Bm	NCH25 1250 106	3.1/12.5	1.6/6.4	1
16000	2M	NCH25 1600 203	3.1/12.5	0.8/3.2	2
20000	1Am	NCH25 2000 203	3.1/12.5	0.8/3.2	2
25000	1Bm	NCH25 2500 203Z	3.1/12.5	0.8/3.2	2

Contact NOVOCRANES for more parameters and non-standard products.



NCH electric chain hoist of Novocranes can meet your demands of light and medium load lifting, which are the advanced technology products of lifting equipment to match your working environment in the 21st century.



NCH series electric chain hoist of Novocranes combined with the flexible girder of light cranes and jib cranes together, which will take its advantages of lightweight and flexibility, to fully realize three-dimensional material handling solutions.

Applications

Perfect fit, various applications

Novocranes pays close attention to customers' demands, and the NCH electric chain hoist we designed which can be upgraded to NCH explosion-proofing electric chain 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. This series of cranes are produced according to the latest European EC and EX standards.

