



Crane kits of **EUROCRANE**



Brief Introduction- Company History





2007

Established Factory
In Suzhou



2015

Founded A-drive (Suzhou)



2017

Public listed in Shanghai Stock Exchange



2002

Company established

0040

2012







2016

Aquired Machinery

Manufacturing Plant





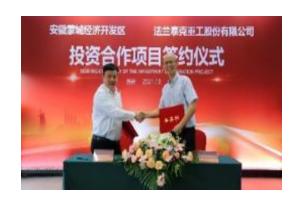


Company Milestones









Acquire Voithcrane

Acquire Dali crane

Working platform Fronteq

Joint venture with AIRPES

New factory in Huzhou

2018

2019

2019

2021 Changzhou new factory









Company Introduction



Founded in 2002, EUROCRANE (China) Co., Ltd. is an internationally reputed manufacturer and solutions provider of a full range of cranes and material handling equipments, targeting to serve high-mid-end markets with crane technology according to European standards.



A-Share Listed Company

50+

Countries Covered By Our Products

Global Service Center

5000+

Middle And High-end Customers

300+

Authorized Patents



High-tech Enterprise Postdoctoral Workstation



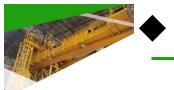


Customer-centric organizational systems and processes



Global manufacturing base





Brief Introduction-Group member



FRONTEQ GROUP





Tony Tao
Co-founder of Eurocrane
Director of the Board
CEO of Eurocrane

- Graduated from Shanghai Ocean University with a degree in mechanical design and manufacturing.
- Served in famous multinational firm of Demag and ZPMC.
- Responsible for R&D, sales, production and market of Eurocrane group.



Irene Jin
Co-founder of Eurocrane
Chairwoman of the Board
Co-CEO of Voith GmbH

- Institute of Technology with a Master's Degree in mechanics and also hold Master certificate of CEIBS.
- Over 20 years experience in sphere of crane and material handling
- Responsible for group strategy, financial and M&A



Eurocrane Austria Holding GmbH Subsidiaries in Austria





Andreas Lackner
CEO of Voith GmbH
Austria

- Over 20 years technical and management experience in the special crane industry
- Has been working with Fritz Voith for 28 years and is part of the successful history of Fritz Voith



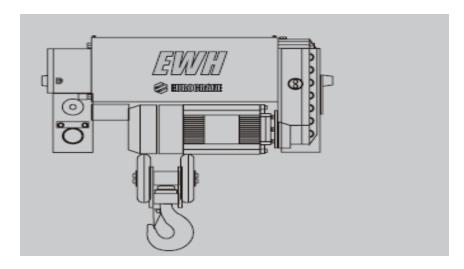


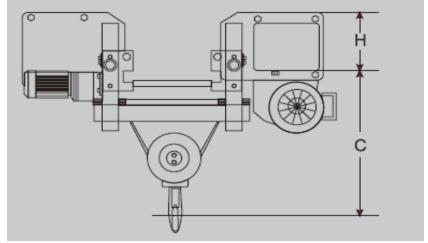


EUROPEAN DESIGN

Eurocrane featuring the advanced principles and concepts of German design, inherited the consistently improved manufacturing processes and the stringent quality assurance systems.

Provide a comprehensive range of products including ECH electric chain hoists, EWH electric wire rope hoists, EDR environment friendly clean electric hoists, explosion-proof hoists, suspension lightweight monorails, slewing jib cranes and other crane components.







Competitiveness-European Standard

000



Green and Energy Saving

The great decrease of power of the entire crane will help customers save energy during usage Safe and Reliable

More than ten protection measures ensure the safe operation of crane

Compact Design

rate of space and enables the customers lowering the expense on plants



The excellent performance improves customer's production efficiency, reduces the loss caused by shutdown or faults.



Competitiveness-Top In The Supply Chain



The most popular product in domestic market

EWH Electric Hoist

Market Share of Key Components 40%

The data comes from the document of China Heavy Machinery Industry Association Hoist Branch in December 2020



European type hoist

For the world's 1000 high-end customers

Provide more than 200,000 lifting equipment's and services

The top player in the supply chain of European hoist.

We have core and key technology, as well as self-made ability for key components, which can implement import substitution.

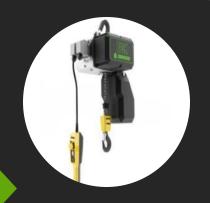


Hoist & Open Winch family





EWH
Electric Wire
Rope Hoist



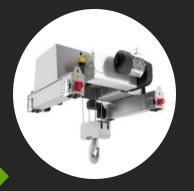
Electric Chain Hoist

ECH



Electric Open Winch

EW



Clean Room Electric Hoist

EDR



Explosion-proof Hoist

EWH EX





ECH Chain hoist



SWL: 250~7500kg

Chain teeth between the chain sockets to make the guide chain smoother

Lifting disc brake, torque limiter

Lifting double speed, up and down limited switch

Imported galvanized chain

In line with the RELEVANT EU directives

Security

The clutch is located in the deceleration to ensure that the weight is held by the brake under any working conditions, and the clutch plays the role of load limitation

Low maintenance cost

Maintenance operations are simpler, faster, and more economical Brake adjustment is easier Clutch adjustment is easier





EWH Series
(Single Girder)

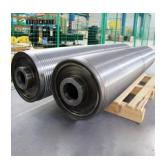
Technical Configuration:

- Double-speed lifting motor for 1t~32t hoists; lifting motor in two speed or inverter control
- frequency for 32t~80t hoists
- > Electromagnetic disc brake, maintenance-free design
- Supply voltage:380V/3Ph/50Hz
- Control voltage: 48V
- > Lifting limit switch
- Trolley is equipped with variable frequency mator, speed: 5~20m/min
- Protection grade of motor: IP55, insulation grade: F
- Hook set with safety buckles
- > Load lifting limiter
- ➤ Ambient temperature:-20 °C ~ 40 °C









Drum

- Use 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.









Driving unit

- Motors include F class insulation and IP55 degree of protection as standard.
- Hoist motor is design in three-in-one, compact structure, stable operation, lower energy consumption and longer equipment life.
- Motor duty rating with 60%ED, meets the needs of high-intensity use, and the service life of the brake can reach 1 million times

- 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.





Single girder wire rope hoist





Lifting drive

Reduce energy consumption by 40% and increase life span by 280%



Rope guide

The guide rope is made of polymer engineering plastic, Resistant to wear and tear, Low cost of accessories



Electric cabinet

Safe and reliable, standard and tidy
Schneider configuration
Special line slot line, plug and play design



Standard electromagnetic brake unit

1.8 times the rated torque design, normally closed disc type One million full load life





Double girder wire rope hoist

Frame and paint

The frame architecture presents serialization, modularization and lightnessOverall baking paint coating process, paint surface even smooth, strong paint adhesion.Anti-corrosion effect is remarkable, color stability, more than 10 years of life.





Monitor control (Optional)

English and Chinese interface, easy to operate Used for electric hoist safety monitoring device Prevent the shutdown accident, the accumulative starting times and the accumulative working time





Cam height limit

CAM type four step limit, accurate positioning, 4 fully adjustable upper and lower limits. Deceleration operation improves brake life and safety

End Beam/Drive



The end beam adopts the one-time positioning drilling and boring processing method to ensure the geometrical tolerance and the dimensional accuracy of the shaft hole; Smooth operation, no gnawing on rails

The bridge wheel is made of high-strength alloy steel (42CrMo) The installation form adopts the structure of directly installing the wheel through the boring hole

The bridge travelling mechanism adopts a three-in-one drive device and a frequency conversion speed regulation system.

Quiet design, good sealing, no oil leakage









Electronic Control System



Electronic Control Design

- The interface is designed as a socket, and the installation and maintenance are simple. Strong scalability, optional accessories such as remote control, photoelectric switch, etc. can be expanded according to user requirements;
- The electrical control components are all installed in a special electric control box, and the protection level of the electric control box is IP55, which is effective against dust and moisture;
- The power supply of the trolley adopts the flat cable and the sliding tow cable mechanism;
- Electrical components use well-known foreign brands (such as Schneider, Siemens, etc.);









Control tools





The cabin conforms to the principle of ergonomics, has reliable safety protection devices, a comfortable operating environment and a wide field of vision. Adopt advanced welding technology and manufacturing technology to make the entire cab look flat and beautiful



Remote control

The remote control has high reliability and high stability, it has the function of active emergency stop or passive emergency stop, the protection level is IP65, the type is button type or rocker type, the life span is about one million times, and the effective distance is 100~150 meters



The standard control form is pendant with two-speed button and emergency brake switch. The pendant cable is a special cable with a connecting wire rope, and the control cable is not subject to tension. The protection level is not lower than IP65, and the button life is not less than 500,000 times



Strategic partner







Schneider

SEW

The German SEW group is a multinational enterprise specializing in the production of motors, reducer and frequency conversion electronic equipment.

Schneider

(Schneider Electric SA) Founded in 1836, it is one of the world's top 500 companies, Schneider Electric is a global leader in energy efficiency management

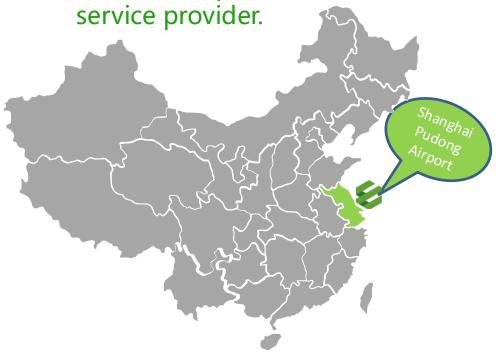




Facilities



10 Global manufacturing bases in China and Europe which make Eurocrane a global well-known professional cranes and material handling product manufacturer and





Eurocrane Headquarter & Austria RND Factories



China factory address: No.288-388, Fen Yue Road, Foho New & Hi-Tech Industrial Development Zone, Suzhou, Jiangsu China

European factory address: Ganglgutstraße 13, 4050 Traun, Austria



Facilities



3 large production sites in Suzhou, Jiangsu, in economic center of China, the most developed area of China





Main Structure Plant B

Floor Space:24,000m² Plant Area: 4,000m²

Easy logistics

High-end suppliers

International qualified suppliers available Easy access to good engineers and workers



Assembly Plant C

Floor Space:119,000m²

Plant Area: 63,000m² (26,000m² in construction)

Hoist Plant

Floor Space:30,000m²
Plant Area: 22,000m²

EUROCRANE (CHINA) CO., LTD.

- Structure Plant

 Floor Space:30,000m²
 Plant Area: 22,000m²
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Facilities







Ing. Voith Traun

80 years experience

Design in Austria





Austria RND Center vv

ING. VOITH , TRAUN



FLEXIBLE SOFTWARE SOLUTIONS OF THE FUTURE

In 2009 we developed the first PLC-based controller.

The development of a new controller generation takes into account the increased demands on a controller and the expanded possibilities through the use of the current TIA Portal programming software.

In 2020, the first systems were delivered with the new software VFSC2.0. VFSC2.0 stands for "2nd Generation Voith Flexible Safety Control". The basis of the software is a mature data structure that can be flexibly adapted to the most diverse designs systems.

The software functions ensure short development and commissioning times. Demanding safety functions can also be implemented by using fail-safe CPUs.





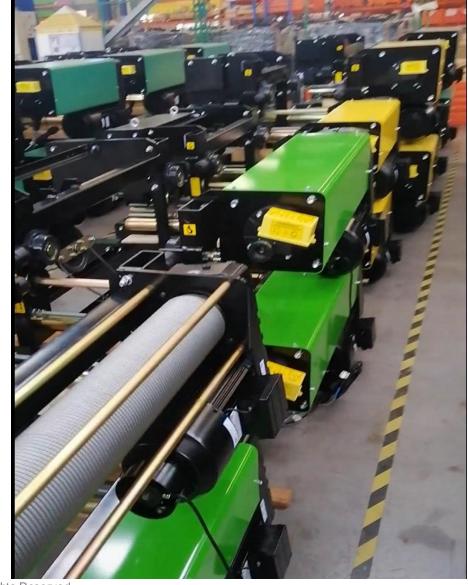




Hoist workshop











Production Equipment



Plasma cutting machine

Function: Sheet metal

cutting Advantages:

- 1. Improve productivity
- 2. High cutting accuracy
- 3. Small cutting deformation



Testing center

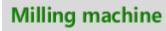
Function: Used for life testing and performance testing of all parts of new products, Index test of batch products before delivery Advantages: Ensure that every product of Novocrane factory is 100% qualified





Three coordinate detection

Function: Strictly control the precision of parts Advantages: Intercept the problem in the early stage to ensure the quality of the machine assembled in the later stage is perfect



Function: Double girder trolley

frame processing

Advantages: Improve the machining accuracy of trolley

EUROCRANE

Workshop













Staff Dormitory & Stadium







Certificate



中华人民共和国 特种设备制造许可明细表

List of Manufacturing License for Especial Equipment People's Republic of China

(起重机械)

编号: TS2410D25-2012

单位名称。法兰泰克起重机械(苏州)有限公司

制造地址:江苏省苏州市吴江汾湖经济开发区汾越路北侧

经审查, 获准从事下列起重机械的制造;

类型	级别	型式	型号/参数
桥式起 重机	A	通用桥式起重机	FWD 型 1601 及以下
	B	电动加声桥式起重机	FHD 41 801 及以下
	В	电动单梁起重机	FHS 型 20t 及以下
	C	电动单梁悬挂超重机	FHU 似 10g 及以下
	e	电动葫芦桥式起重机	FHE型2t 及以下
	В	电动频声桥式起重机	FHDD 型 64t 及以下
	В	电动单桨起重机	FHSD型 20t 及以下
1.武起重机	C	电动葫芦门式起重机	FHG 型 20t 及以下
能價式起重机	C	柱式旋臂式起重机	PCJ型5t及以下
	C	權式廣醫式起重机	FWD 型 3.2t 及以下

市批机关:国家质量监督检验检疫总局发达

有效期至: 2012年 11 月 26 日



国家质量监督检验检疫总局制

中华人民共和国 特种设备制造许可证

Manufacture License of Special Equipment People's Republic of China

(起重机械)

编号: TS2410D25-2012

单位名称:法兰泰克起重机械(苏州)有限公司 制造地址:江苏省苏州市吴江汾湖经济开发区汾越路北侧 经审查、获准从事下列类型起重机械的制造;

桥式起重机、门式起重机、旋臂式起重机

具体的设备级别、型式、型号/参数见明细表。

市批机关,国家质量监督检验检疫总局发现 有效期至,2012年11月26日 安亚

局 发证机关。 发证,实 2008年5月27

国家质量监督检验检疫总局制

中华人民共和国特种设备制造许可证

Manufacture License of Special Equipment People's Republic of China

(起重机械)

编号: TS2432428-2019

单位名称: 法兰泰克重工股份有限公司

单位地址: 江苏省吴江汾湖经济开发区汾越路 288 号、388 号

经审查,获准从事下列起重机械的制造:

类型	级别	型式	型号/参数
桥式起重机	В	电动单梁起重机	FHS 型 25t 及以下
桥式起重机	В	电动单梁起重机	FHSD 型 20t 及以下
桥式起重机	С	电动单梁起重机	FHSM 型 10t (吊运熔融 金属)及以下
桥式起重机	C	电动单梁起重机	FHUD 型 5+5t 及以下
桥式起重机	C	电动单梁起重机	FHU 型 10t 及以下
门式起重机	В	通用门式起重机	FWGS 型 32t 及以下
门式起重机	В	通用门式起重机	FWGSH 型 35t 及以下
门式起重机	C	通用门式起重机	FWSGH型 4t (2+2)及以下
门式起重机	В	电动葫芦门式起重机	FHDG 型 50t 及以下
门式起重机	C	电动葫芦门式起重机	FHGL型 10t及以下
门式起重机	С	电动葫芦门式起重机	FHSGD 型 5+5t 及以下
门式起重机	С	电动葫芦门式起重机	FHG 型 20t 及以下
门式起重机	С	电动葫芦门式起重机	FHSG型 15t 及以下
门式起重机	С	电动葫芦门式起重机	FHSDC型8電域以下

审批机关: 江苏省质量技术监督局 有效期至: 2020年11月26日

发证机关

及此

设证日期:

2016年6月15

第二页共二页

国家质量监督检验检疫总局制



Certificate













江苏省特种设备安全监督检验研究院(董幸)

b. (一) 未证据对公益规定的确认,对标品出版的合格与否定债,只仅对符合选择符品

Certificate

















Technical support





Customer Trainning



Tender support



Online Quotation system



Full Life Cycle spare parts



Crane kits upgrade





Customer trainning

Through our regular training on how to successfully use Eurocrane products or services in order to meet client satisfaction.

Our technical know-how and many years of experience right from the start. competent advice and our all-embracing repair service with flexible planning and customer-oriented implementation.



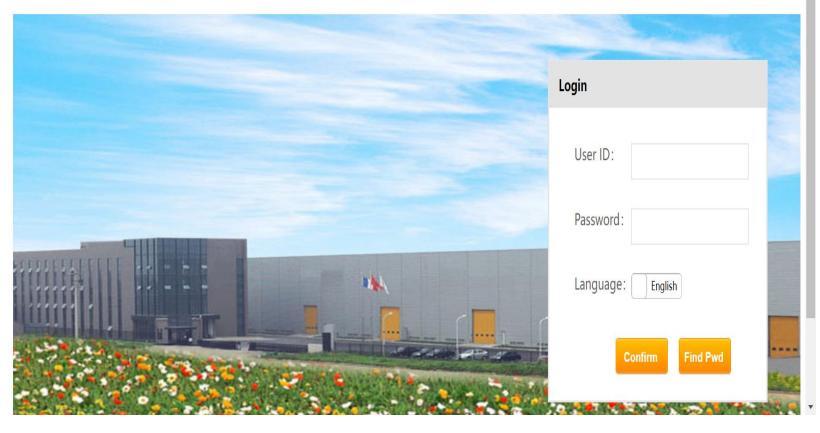


Technical support





QUOTING SYSTEM





Eurocrane quotation system provide our customers the ID to login in.

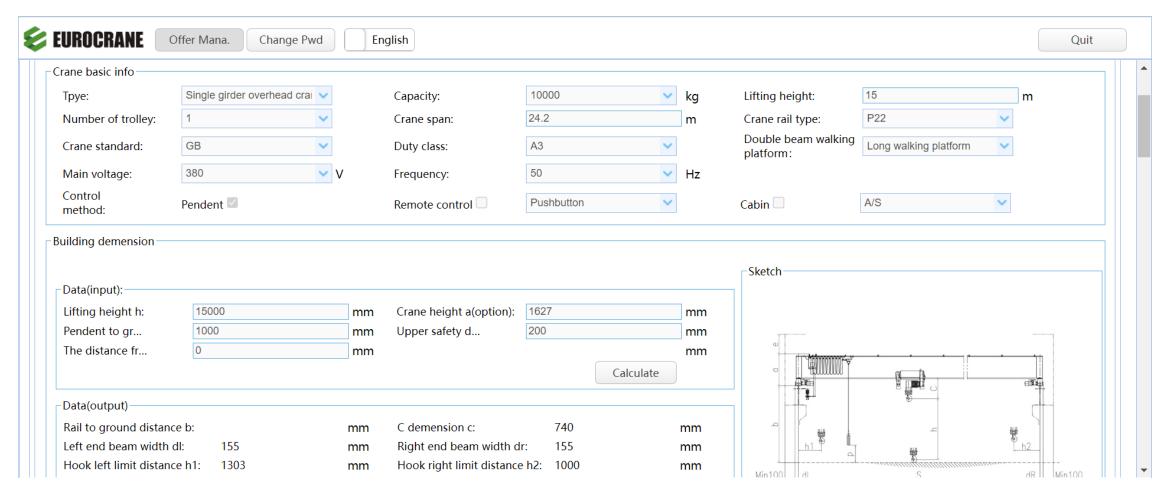
After Input the Parameters, the system can do the standard technical data, drawing and quotation for the single girder overhead crane and double girder overhead crane.



Technical support



Online Quotation system











Spare parts are sufficient without worries

In the use of the equipment, we may encounter the distress of failing to purchase accessories in time after the equipment is shut down or the manufacturer is unable to provide accessories. The spare parts warehouse of Eurocrane headquarters, central regions across the country and major service networks around the world have prepared sufficient, high-quality and guaranteed crane spare parts inventory, which improves the equipment utilization rate of customers and reduces their worries.



♦ Global Distributors





Netherland



Russia







Bulgaria





Philippines







Germany











Belarus







Portugal





Russia



Indonesia





Global Distribution



What we will benefit each other with global partner?

Win-Win system

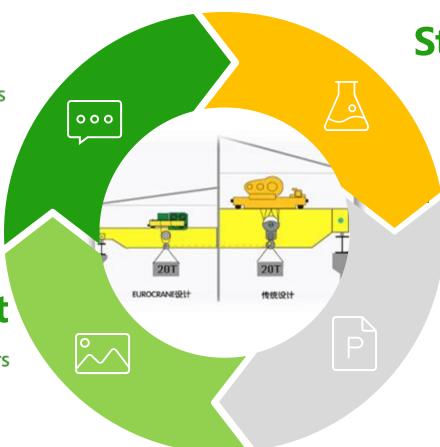
After sales

full range life cycle spare parts for the customer service

Project support

Introduce business to partners

Non standard project ability



Strong Products

R&D investment Austria center European standards hoists

Flexible term

Payment, delivery time, price



Key Customers

































































Key Customers



















































