



**EW Crane**  
Best Solution for Special Crane

**A PASSION FOR YOUR  
SATISFACTION**





## ABOUT US

As a well-known professional manufacturer and service provider of cranes and material handling products, Eurocrane, dedicated to the development and research of crane and material handling technology and focusing its business on the R & D, design, manufacturing, installation and services of high-end equipment, offers full lifecycle services for its products and relentlessly pursues industrial progress to elevate industrial development by insisting on innovation, adapting to new concepts and developing new products.

Eurocrane mainly has such business units as cranes, electric hoists, transmission equipment and engineering machinery components. The producing lines are well designed to deliver qualified products with excellent performance. The company has achieved a breakthrough in specific technologies and owns the abilities to manufacture core parts. The products have spread throughout the world, including more than 50 countries and regions and have found extensive applications in 20-plus professional fields like high-end equipment manufacturing, transportation and logistics, paper-making, energy and power, automobiles and ships, metal processing, aeronautics and astronautics, etc. The company offers services for more than 5,000 medium- and high-end customers all over the world.







### Persist In R&D With Intelligence Focus

Eurocrane has been committed to continual innovation in technology, products, solutions and business operations based on customer needs, playing a vital role in exploring the intelligent material handling market.

With more than 100 patents, Eurocrane has been certified as a hi-tech enterprise in Jiangsu province, and dedicated to advancing the industry to upgrade and transform to automation and intelligence.

### Full Lifecycle Services And Integrated Material Handling Solutions

With strict and effective quality management system, a dedicated project management team, and one-stop pre-sales, in-sales and post-sales turnkey service, Eurocrane delivers safe, efficient, user-friendly material handling solutions for leading enterprises across China, winning recognition from customers, including leaders in more than 20 industries.

### Eurocrane's Core Competence Based On Quality Assurance

With A-grade special equipment manufacturing license and A-grade installation, transformation and maintenance license issued by the General Administration of Quality Supervision, Inspection and Quarantine of PRC, ISO9001 quality management system certificate and ISO14001 environmental management system certificate issued by TÜV Rheinland, and EU CE certificate, Eurocrane provides customized solutions with lifting tonnage from 60kg to 600,000kg. Featuring light weight, high safety & reliability, optimal performance, and energy efficiency, these products help customers save plant construction investment, improve productivity, reduce energy use and daily operating cost, resulting in high return on investment.

### Global Perspective From China

Attaching great importance to emerging markets and the core value of overseas industrial chains, Eurocrane has established a global sales and service network through its overseas branches and partners to cover global market. Our overseas footprint has extended to more than 50 countries and regions.

## EUROCRANE

**We focus on to provide innovative solutions to our customers.**

EW Crane Hi-tech Product of New Technology Integration in 21<sup>th</sup> Century



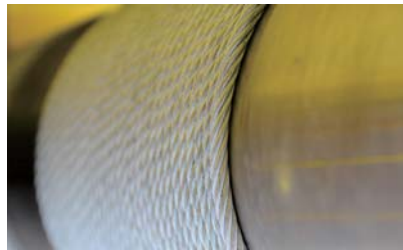
### Advantages

- New technology integration in 21<sup>th</sup> Century
- Low headroom dimension enables making use of the available space inside the plant
- Compact structure; light deadweight; small wheel pressure; superior performance
- Module design; easy assembly; inspection and servicing
- Standard design, large-scale production and better performance
- In accordance with the ergonomics



### Traveling Mechanism

The traveling mechanism of the trolley includes motor, reduction gear and brake. The compact motor is specially designed for trolley. The frequency conversion speed is its standard configuration. The frequency conversion motor will better control the load and reduce the noise.



### Drum

Drum with large diameter greatly prolongs the service life of steel wire, reduces the limit to the left and right of hoist hook, greatly reduces the headroom, saves the investment and improves efficiency for customers.



### Variator

The frequency conversion drive enables the customer precisely locating the load during the traveling, increasing the safety and comfort in the course of operation and reducing the noises as well as the impact to the plant.



### Lifting Motor

It is specially designed for frequent lifting operations. With speed ratio of 6:1, electricity connection persistency rate of 60% ED and protection grade of IP55, the double-speed lifting motor is able to work for long time with high speed.



### Rope Guide

The cast iron steel wire rope guide is able to avoid the dust entering the rope guide mechanism. It has the features of easy maintenance and long service life.

Our latest product EW winch crane is specially designed for heavy operation and big tonnage hoisting, which provides a whole new solution for logistics. EW winch crane has the features of new and compact structure, better performance, small headroom dimension, easy loading of heavy objects, steady speed and preferable safety. The all-around functions & configuration as well as application of multiple patents push forward the heavy trolley into a new era.



## EW Crane

**Safe and reliable; efficient; improving the working efficiency at least 40%**

With professional experience and field knowledge accumulated for a long time in the crane industry as well as in combination of advanced technical development orientation of the industry, the EW crane is the latest product of EUROCRANE for providing reliable solution to special manufacturing.



The EW crane is able to lift 8t-600t cargo according to different configuration. The compact structure makes your investment more reasonable. The reliable quality, efficient and stable operation and safety are considered as the primary starting point of our design. The user-friendly design satisfies the customers. The product is able to meet the individual demand of different customers according to various options, such as turning and lifting appliances for working pieces, anti-swing device, automatic positioning, maintenance monitoring or remote diagnosis. We will, with professional experience and advanced technology, provide our customers with individual and professional solutions.

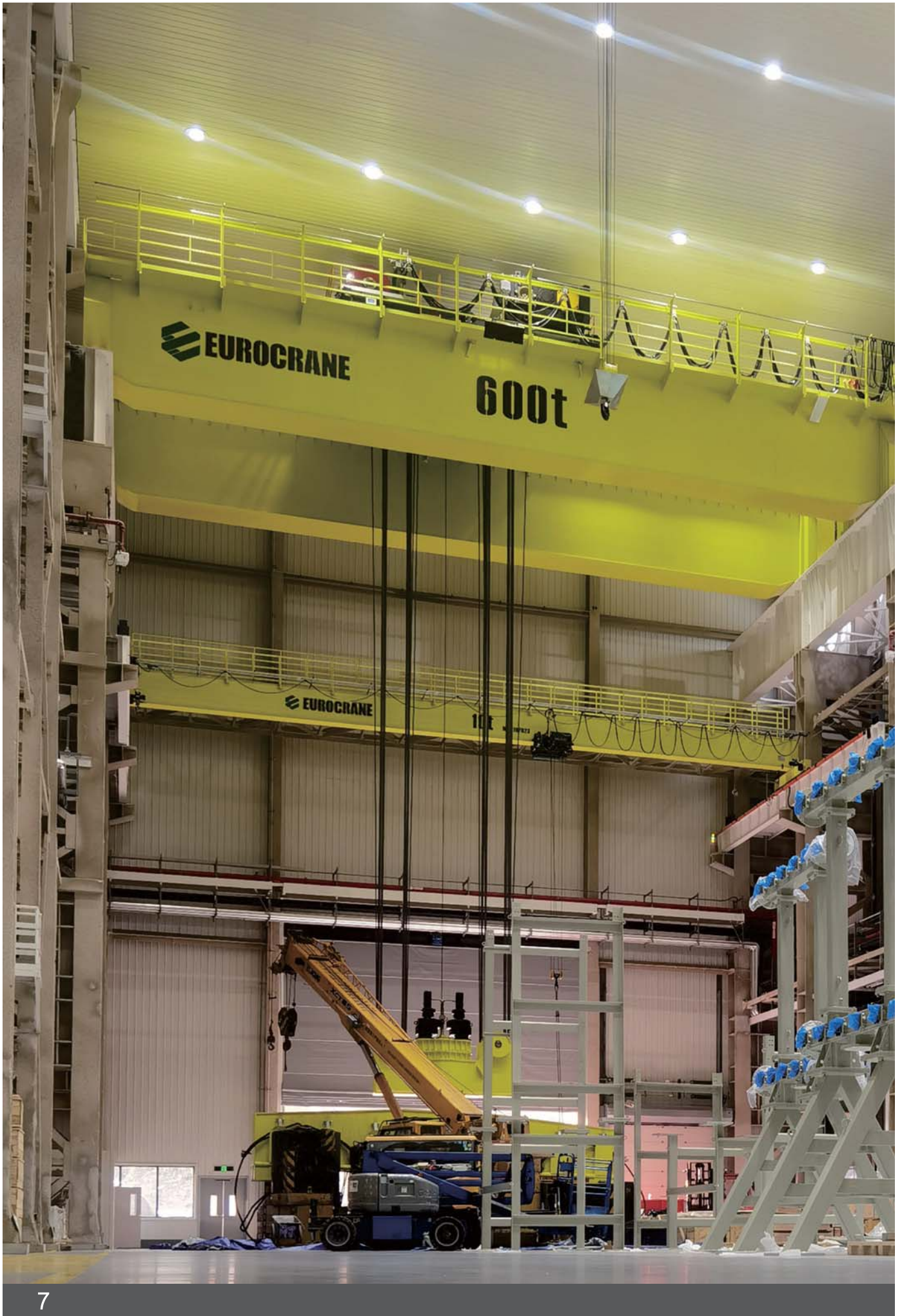
As a hi-tech product, it has multiple patents and is a progress in the technology of crane industry. The purpose for the design is to improve the production efficiency, lower the maintenance cost, prolong the service life, increase the return on investment of the customers and create value for them. The EW crane is widely applicable to paper making, electric power, waste power generation, steel, petrochemical and metallurgy casting industries.

EW winches and cranes accord with CE authentication and totally conform to the safety requirement specified by EU directives. EW crane has been commented as a hi-tech product by the Department of Science and Technology of Jiangsu Province. In addition, we have more product patents. EW crane has the features of compact structure, small dimension of headroom, super performance and reliable & safe operation. The application of all-around functions & configuration and multiple patents will promote the technical development for lifting mechanism and cranes in the field.











## Green Energy Saving Product

### Save least 30% energy for customers

Compared with the domestic traditional cranes, EW crane is able to reduce 30%-50% room in terms of structural dimension according to the lifting tonnage.



### Advanced Technology and Reliable Application

As a new generation product of EUROCRANE, EW crane gathers the experience of the industry and combines advanced technology. All of our innovation is progressive and all the products are launched based on strict product type test and successful application experience; therefore customers are able to use our products with ease. Ew crane symbolizes great development in the crane industry. And the purpose for the product is to improve the production efficiency, lower the maintenance cost, prolong the service life, increase the return on investment and create value for customers. It is widely applicable to paper making, electric power, waste power generation, steel, petrochemical and metallurgy casting industries.

### Compact Structure, Module Design and Investment Optimization

With the features of compact structure, light deadweight, small wheel pressure and even load distribution, EW crane is able to greatly lower the construction cost for the customers, cut down the heating expense and make the maintenance easier. Compared with the domestic traditional cranes, Ew crane is able to reduce 30%-50% room in terms of structural dimension according to the lifting tonnage. The bigger the tonnage, the greater the degree of price reduction; therefore it can optimize the comprehensive investment of customers and receive better rate of return.

### Safe, reliable and easy for maintenance

EUROCRANE guarantees the reliable quality and good performance of EW crane with leading technology, advanced fabricating machinery, serial production and strict quality control. We adopt the maintenance-free + easy servicing design concept to ensure the competitiveness of products and enable easy maintenance and control by the customers.

### Green concept runs through the entire Design to save space and energy

The compact structure greatly improves the industrial production space. The parts are solid, durable, free of maintenance and having the same service life with the crane; therefore the customers are able to use the crane with ease. The reduction of deadweight and wheel pressure as well as the great decrease of power of the entire crane will reduce the demand for raw materials during manufacture of the crane; meanwhile the customer will greatly save energy during its age accordingly.

### More configuration and options meet your requirement.

The load range for EW crane is 8t-600t or more according to different configuration. The product is able to meet the individual demand of different customers according to various options, such as turning and lifting appliances for work pieces, anti-swing device, automatic positioning, maintenance monitoring or remote diagnosis. We will, with professional experience and advanced technology, provide our customers with individual and professional solutions. EW crane is easy for updating and expansion. We are able to provide more functional options and configuration for customers after the delivery if necessary. EW crane is a product for future.



## Industry Application of EW Crane

### Nuclear Power

EW crane of EUROCRANE specially developed for nuclear power industry meets the requirement of high reliability and has the features of stable operation



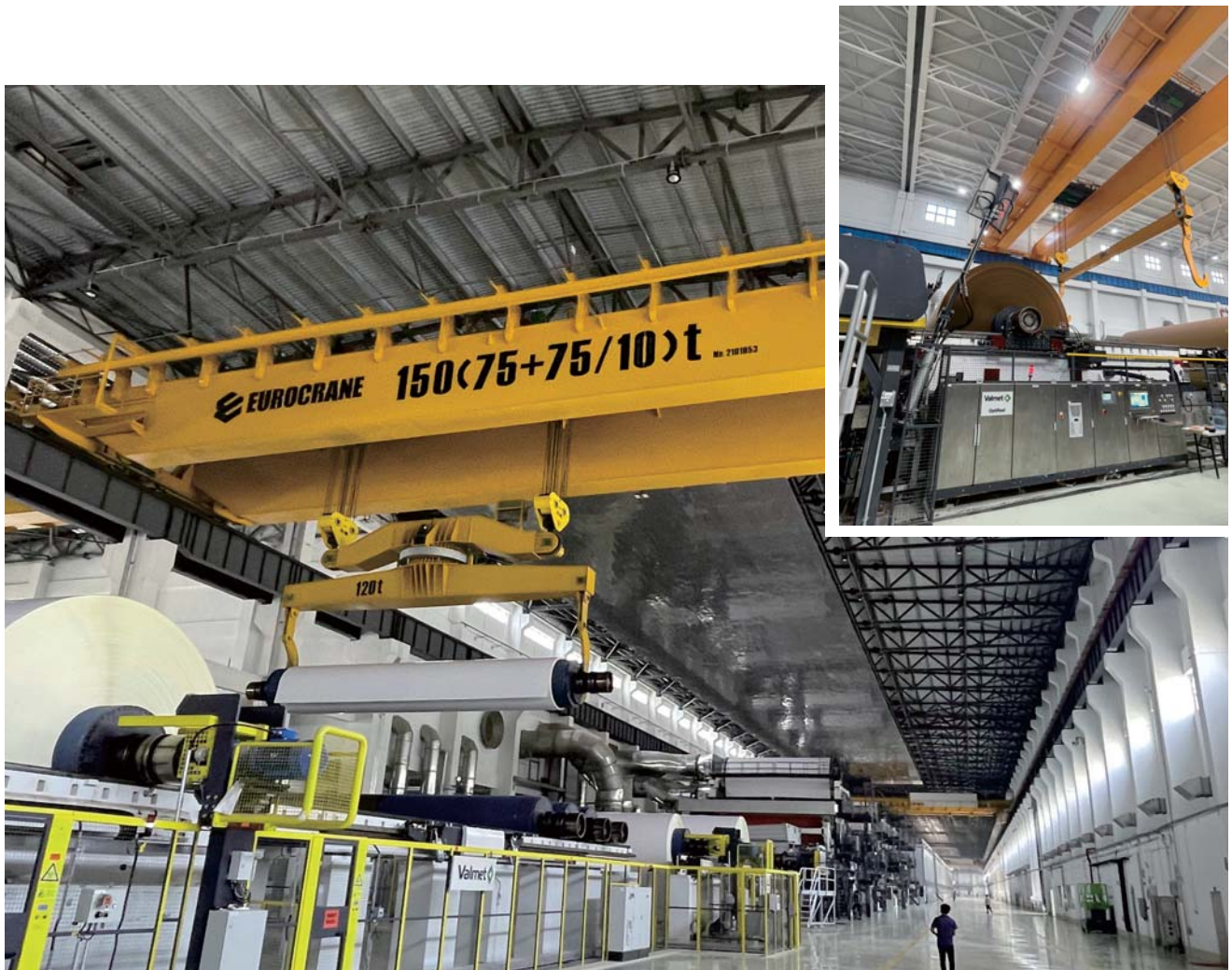
There are mainly reactor plant, nuclear auxiliary plant and turbonator plant in nuclear power industry using hoisting equipment. EW crane of EUROCRANE specially developed for nuclear power industry meets the requirement of high reliability and has the features of stable operation and high positioning precision at the same time. In addition the product is able to meet the requirement for slow speed and high precision when placing the nuclear fuel rods. Moreover in the design of EW crane, we have fully considered the impact of high temperature, acidity and radiation and have met the requirements of complicated electrical control for equipment as well as high level manufacture of crane. We also developed multiple safety protection systems for the choices of our customers, such as steel wire break detection device, position confirmation coder, over speed switch and weighing sensor, in order to provide complete design scheme and products to customers.



## Industry Application of EW Crane

### Paper Making

EW crane of EUROCRANE guarantees the maximization of production efficiency and minimization of laying-off cost according to the features of paper making industry.



Crane plays a special role in the paper making industry whose plants have the features of high humidity, high temperature, frequent use of cranes and precise & synchronous lifting of double dollies. According to the features of the industry, EUROCRANE supplies hoisting equipment with high protection grade and high level working system. In addition we require safe, reliable and consistent production in order to guarantee the maximization of production efficiency and minimization of laying-off cost, We not only provide the customers with technically leading scheme and safe & reliable products, but also provide them with considerate after-sale service and customized entire-service-life management of product for each customer in order to offer the best guarantee on safety of customers and efficient production.



## Industry Application of EW Crane

### Shipbuilding

The drive system with the feature of energy recycling feedback of EW crane of EUROCRANE will enable you saving 20-50% energy during the operation.



The gantry crane for shipbuilding industry has the features of bulk load, tall lifting and big span. The gantry crane for shipbuilding industry developed by EUROCRANE adopts the most advanced overseas design and relies on super manufacture process and production equipment in order to provide the customers with safer and more reliable product with more reasonable structure and more safety options, which will ensure the safety and service life of the crane. It has the following features:

- European design reduces the deadweight of trolley and allows more even load distribution and minor impact.
- The oblique movement detecting device of the crane will be able to ensure the safety and service life of the entire machine.
- AC frequency conversion control system will improve the reliability of control and be easy for maintenance.
- The drive system with the feature of energy recycling feedback will enable you saving 20-50% energy during the operation.
- Remote monitoring system enables the customer duly realizing the usage of the equipment and guiding the troubleshooting.



## Industry Application of EW Crane

### Metallurgy

Aiming at the metallurgy industry, EUROCRANE has developed products with multiple safety protection systems in order to ensure safety in addition to efficiency improvement and stable operation.



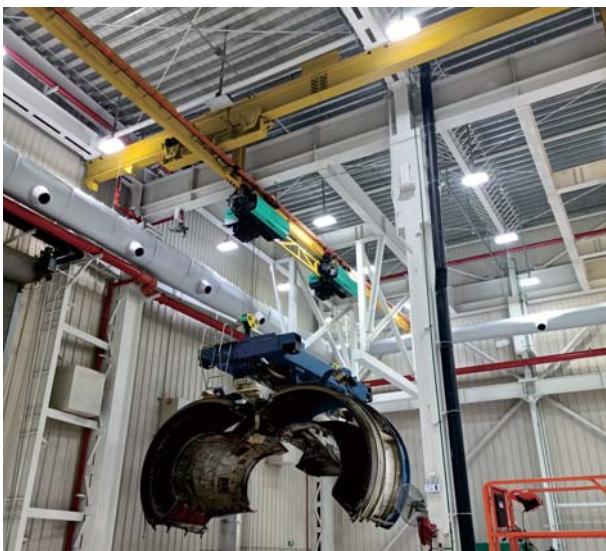
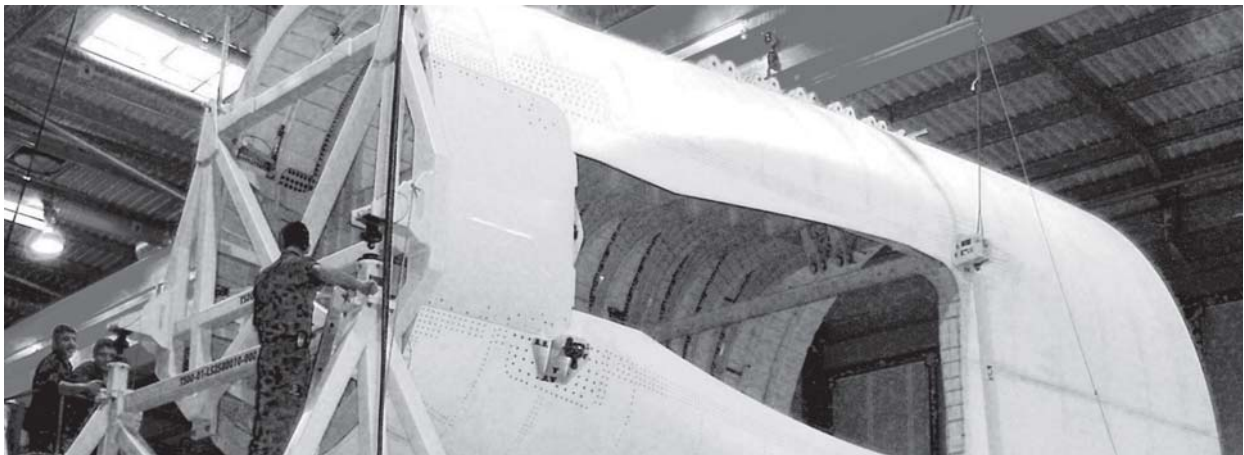
Standard and module design concept enables us providing the customers with the best crane scheme for metallurgy industry within shorter period. We care what our customers concern. It is the development orientation and motive of constant improvement for our technical center to meet the requirements of customers and satisfy them. The product has the following features:



- Leading design and excellent designers with abundant relevant experience serve you.
- Frequency conversion, speed governing and stable lifting & braking ensure safe and reliable operation.
- Real-time monitoring device has alarm function to monitor the position of fault and shortens the servicing time.
- 3D positioning device lets the operators intuitively know the hoisting position, which can improve the production efficiency.
- Secondary braker is equipped to ensure the safety of lifted pieces.

## Industry Application of EW Crane Aviation

EW crane developed by EUROCRANE provides complete solution for aviation industry.



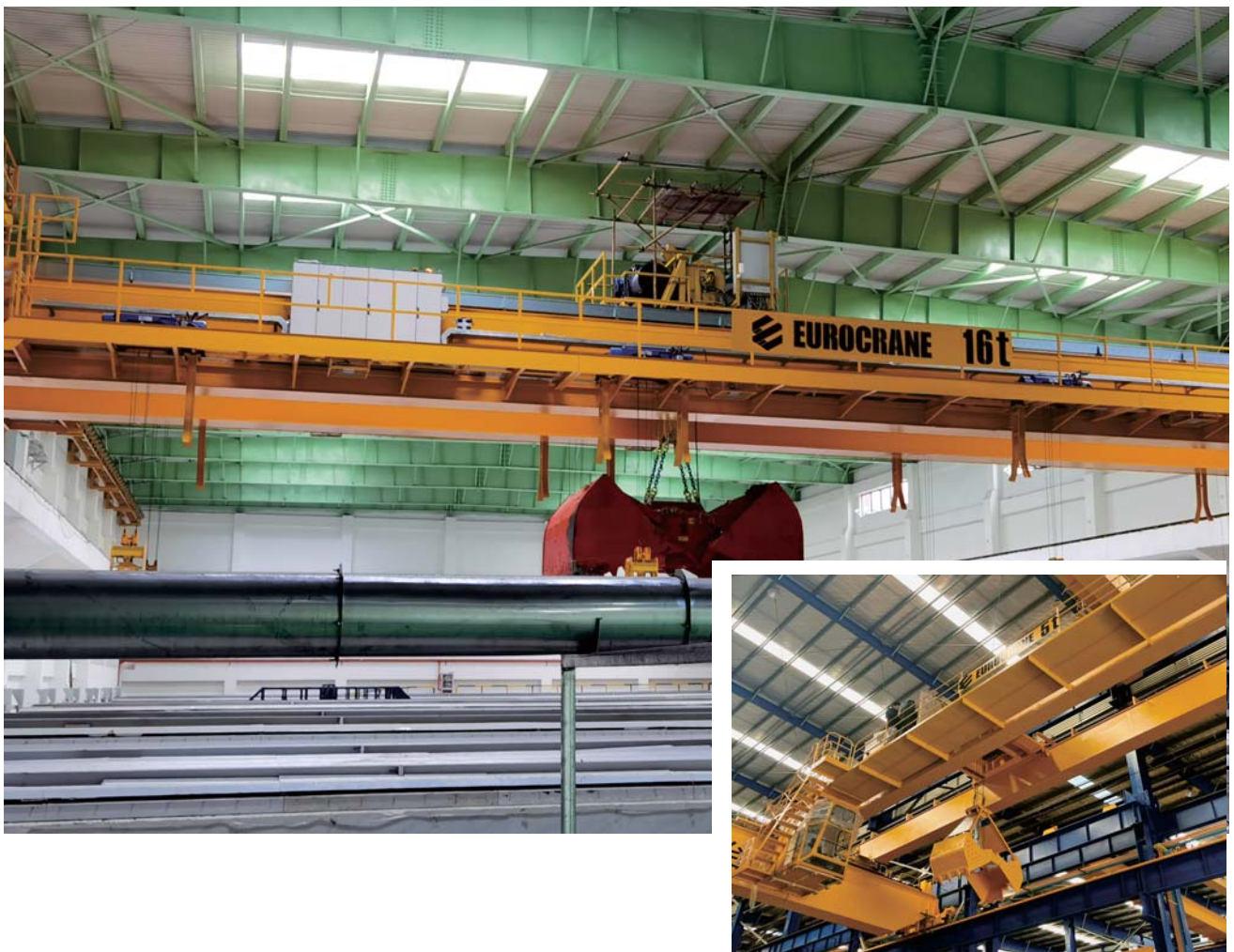
Cranes developed by EUROCRANE are widely used in aviation industry, such as Airplane Part Plant, Airplane Assembly Plant and airports. The airplane servicing platform is specially designed for the airport maintenance plant. The cranes are installed on the roof structure with the features of big span, tall hoisting, cross-span operation and high precision of stop. Multiple flexible conduits are installed under the hoisting dollies, are connected with the maintenance platform of the plane and are able to rotate 360°. The displacement of cart and trolley and lifting & rotation of conduit allow the plane reach any location; therefore the maintenance and repair of plane will be very fast and convenient. Perfect solution for servicing, examination and paint for plane will be provided and the servicing efficiency will be greatly improved.



## Industry Application of EW Crane

### Waste Incineration

Safety and reliability of product are considered as our starting point for design. The intelligent and automation concept enables our product completing the operations which cannot be fulfilled by other common cranes, and greatly improving the efficiency.

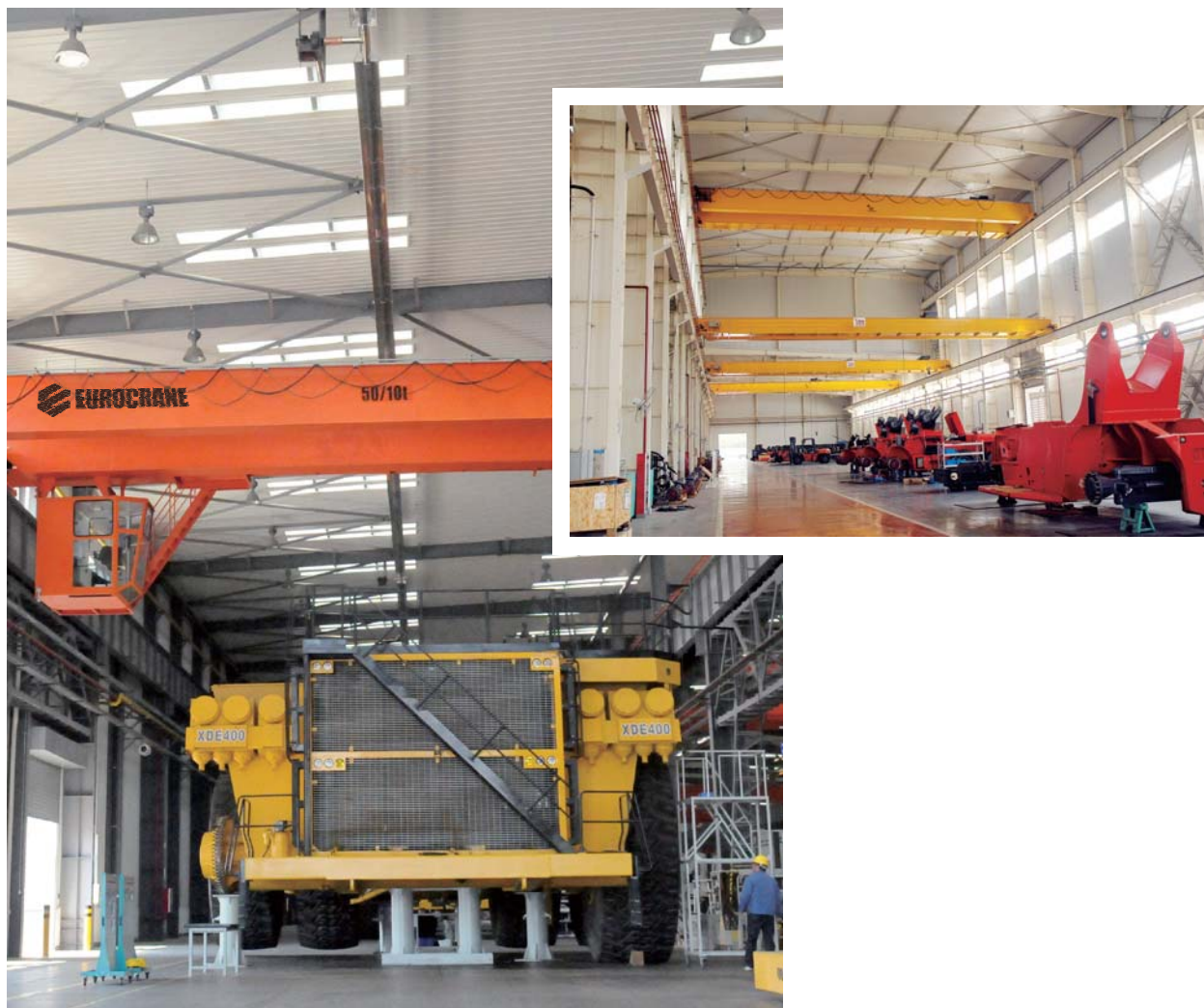


The waste crane is the core equipment of the feeding system in waste incineration plant. Its safety and reliability directly influence the efficiency and performance of the entire power plant; therefore it is very important to ensure the normal operation of the waste crane. EUROCRANE starts from the demand of customers and fully considers working system, the requirement of working environment and future technical development trend and provides the customers with automatic and intelligent waste cranes with reliable height. The product has the following features:

- Leading design and excellent designers with abundant relevant experience serve you.
- Frequency conversion, speed governing and stable lifting & braking ensure safe and reliable operation.
- Real-time monitoring device has alarm function to monitor the position of fault and shortens the servicing time.
- 3D positioning device lets the operators intuitively know the hoisting position, which can improve the production efficiency.
- Secondary braker is equipped to ensure the safety of lifted pieces.

## Industry Application of EW Crane Engineering Machinery

EW cranes produced by EUROCRANE have been the main supply for key enterprises in the engineering machinery industry in China.



The engineering machinery industry constantly increases and has made indelible contributions for the development of heavy industry manufacturing in China. Compared with other homemade cranes, the cranes developed by EUROCRANE are greatly improved in terms of lightweight design and quality reliability and are able to meet the requirements of efficiency, saving energy, reliability and reducing equipment maintenance brought forward by our customers; therefore our products have been the main supply for key enterprises in the engineering machinery industry in China.



## Industry Application of EW Crane

### Wind Power/Power Generation

Standard and module design concept enables us providing the customers with the best scheme for metallurgy cranes within shorter period.

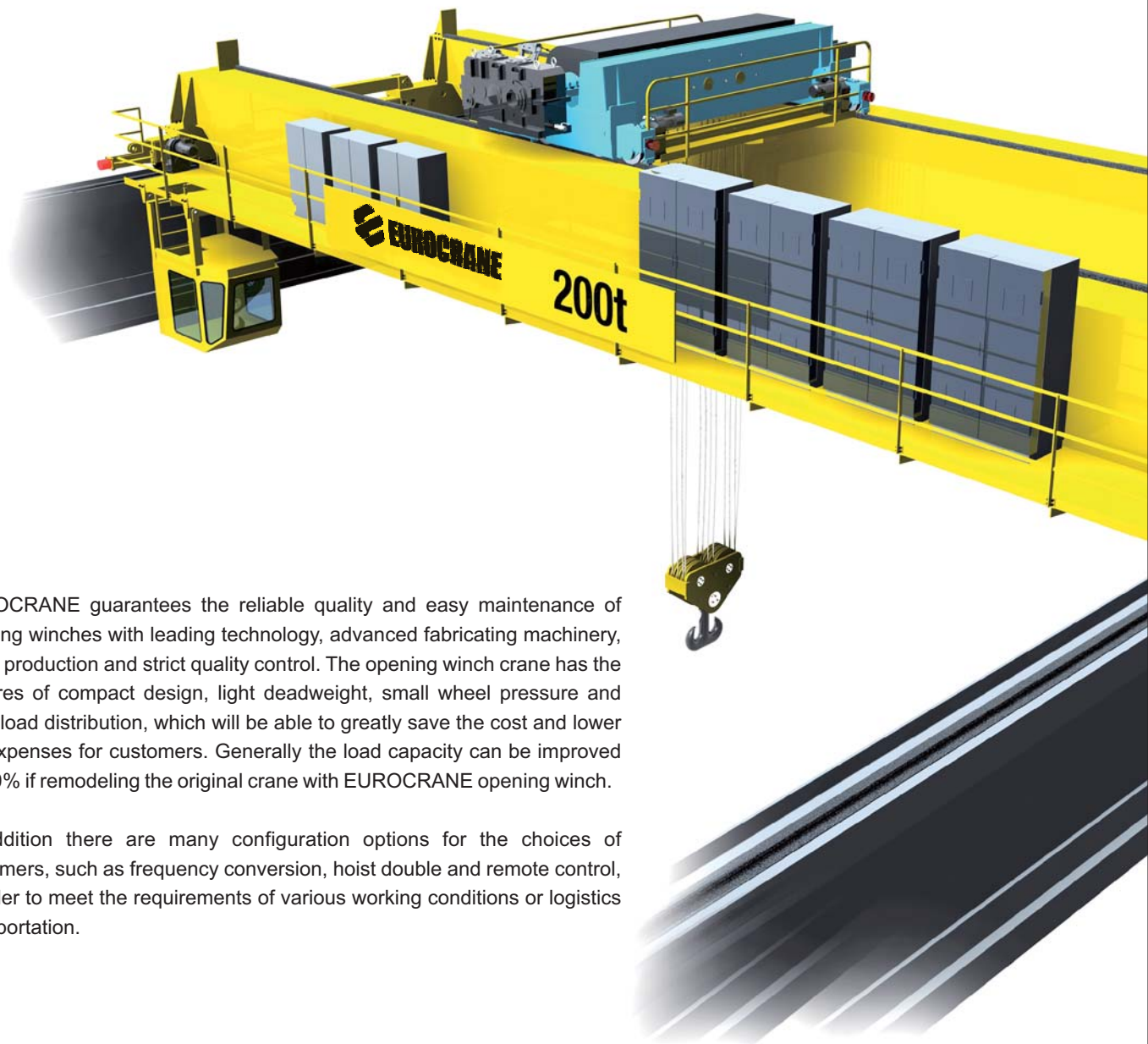


In the wind power and power generation industries, cranes are widely used during the manufacture and installation of wind power equipment as well as the maintenance during daily operation. Depending on the abundant experience in wind power/power generation industry. EUROCRANE provides customers with efficient and high-performance cranes, reduces the loss caused by daily maintenance and shut down and ensures the normal operation and production efficiency of the equipment.

## EUROCRANE

### Leader of European Crane

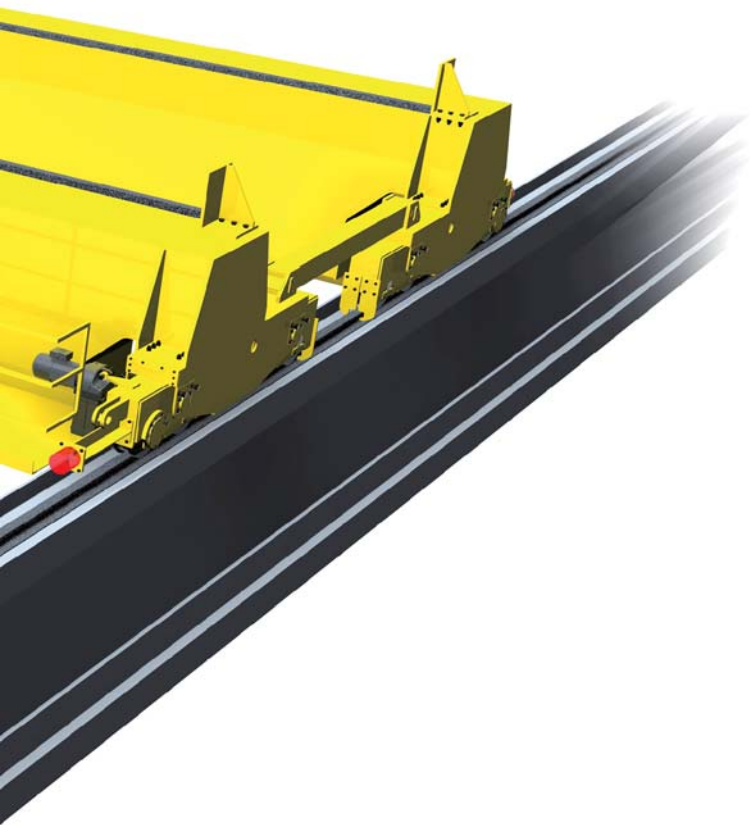
Improve your production efficiency and optimize your investment.



EUROCRANE guarantees the reliable quality and easy maintenance of opening winches with leading technology, advanced fabricating machinery, serial production and strict quality control. The opening winch crane has the features of compact design, light deadweight, small wheel pressure and even load distribution, which will be able to greatly save the cost and lower the expenses for customers. Generally the load capacity can be improved 10-50% if remodeling the original crane with EUROCRANE opening winch.

In addition there are many configuration options for the choices of customers, such as frequency conversion, hoist double and remote control, in order to meet the requirements of various working conditions or logistics transportation.





## Features

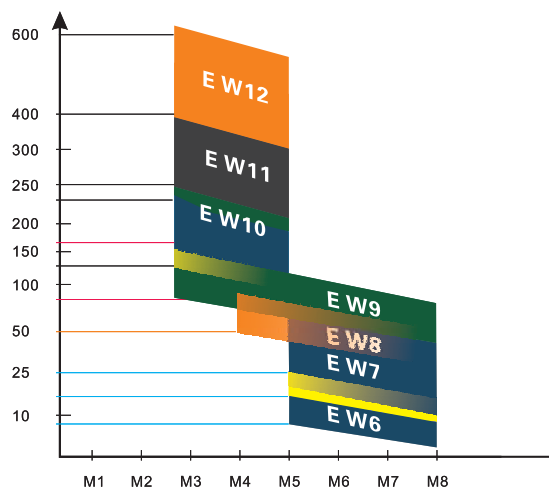
- Fewer parts mean fewer mistakes
- Bulk hoisting capacity, low headroom, small wheel pressure and stable running
- Fast positioning, ergonomics design and comfortable operation
- Being tested strictly, long service life and little maintenance amount
- Safe, reliable, improving the production efficiency and creating more profit



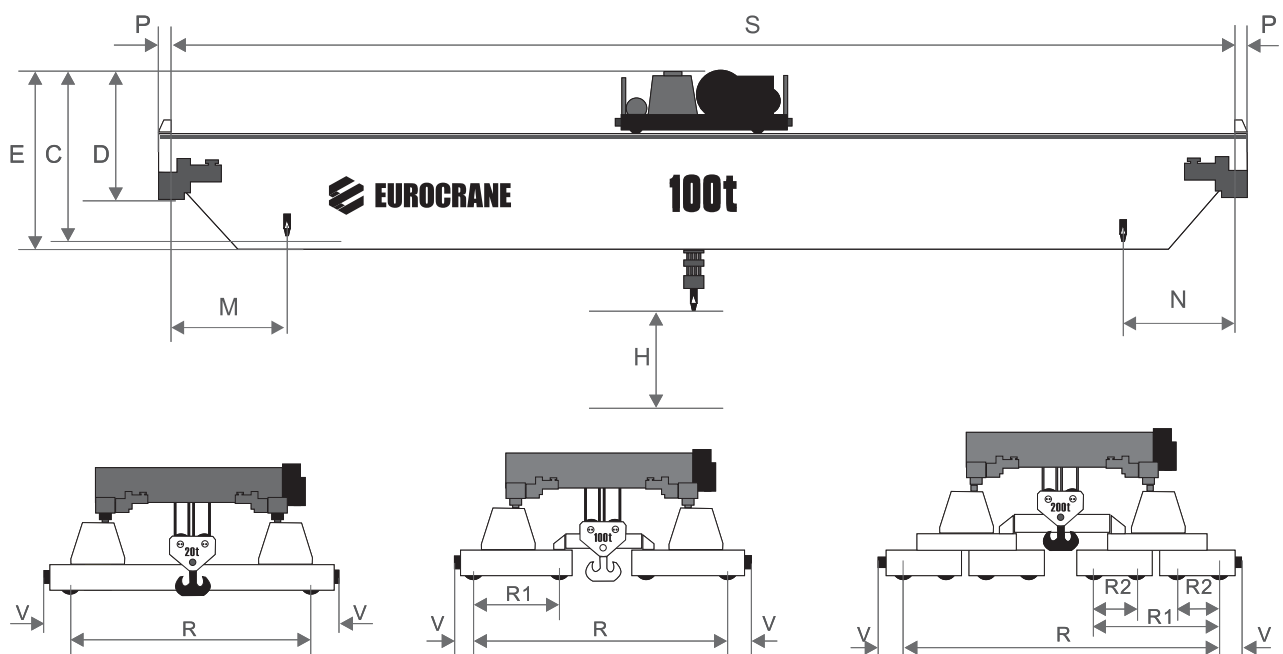
## EW Crane

### Handling Expert Around You

Provide you with material handling products of different varieties and specifications.



EW cranes of EUROCRANE can be divided into seven basic specifications, namely EW6-EW12. The smallest load is 8t and the biggest load is more than 600t, meeting the requirements of various industrial situations and systems.





## Selection Table of EW Cranes

	S. W. L FEM Lifting speed	S (m)	C (mm)	D (mm)	E (mm)	M (mm)	N (mm)	V (mm)	P (mm)	H ( m )	R ( m )	R1 ( m )	R2 ( m )	Áp suất bánh xe (kN)	áp suất bánh xe đẩy (kN)	trọng lượng xe ( t )	bãi đường ray
EW600	16t 2m 5.0-12.0m/min	14	1480	1300	1250	600	850	300	200	21.1	3.1			115		15	P30
		22			1560			320		28.1	4.5			135		21	P38
		30			1880			350			5.5			155		29	P43
		38			1700			375	250		6.5			200		46	P43
	25t 2m 3.0-8.5m/min	14	1480	1300	1580	600	850	320	200	13.7	3.8			160		16	P38
		22			1880			350			4.5			180		22	P43
		30			2080			375		18.7	5.5			210		34	
		38			1750			400	250		6.5			250		50	
EW700	32t 2m 5.0-12.0m/min	14	1670	1550	1700	700	1000	320	200	21	3.8			200		19	P43
		22			1650			350		32	4.5			225		26	P43
		30			1850			400			5.5			250		38	P43
		38			1900			420	250		6.5	2.2		150		54	
	63t 1Am 1.3-6.0m/min	14	1670	1500	1970	700	1000	350	200	12	5.1	1.8		180		21	QU70
		22			1600			375			5.2	1.8		195		31	
		30			1700			420		18.1	6.6	2.2		215		45	QU70
		38			1750			450	250		6.7	2.2		240		64	
EW800	80t 1Am 2.0-7.1m/min	14	2300	1550	1800	800	1250	320	200	22.3	5.3	1.3		225		19.5	QU70
		22			2300			375			5.7	1.6		245		28	QU70
		30			2550			520	300	32.7	7.8	2.2		265		41	QU80
		45			2150			520	300		7.8	2.2		330		90	QU80
	100t 1Bm 1.5-5.6m/min	14	2350	1700	2200	800	1250	320	200	19.5	4.9	1.3		270		23.5	QU70
		22			2000			375			5.3	1.6		295		34	QU80
		30			2200			520	300	27.2	7.8	2.2		315		48	QU80
		45			2300			520	300		7.8	2.2		370		102	QU80
EW900	125t 1Am 1.3-4.5m/min	14	3100	2100	2200	800	1550	440	300	21.4	7	1.6		350		35	QU80
		22			2700			520			7.2	1.8		375		49	QU100
		30			2300			520		27.6	7.6	2.2		400		65	
		45			2700			520	250		7.8			410		112	QU120
	160t 1Bm 1.0-3.8m/min	14	3250	2250	2350	800	1550	420	250	20.9	5.9	1.6		425		40	QU100
		22			2850			550			6.2	0.66		455		54	QU120
		30			3350			700			6.5			485		74	
		45			3800			700	350	27.6	8.5	0.8		560		131	
EW1000	200t 1Am 0.8-3.0m/min	14	3385	3100	2600	1050	1700	530	350		5.9	0.8		525		52	QU100
		22			3100			610		19.4	6.2			565		70	QU120
		30			3400			620			6.5			600		91	
		45			3600			570	450	37.1	8.5	1.65	0.55	340	680	155	
	250t 1Bm 0.6-2.3m/min	14	3385	3100	2600	1050	1700	600	350	37.1	7.2	0.8	0.55	320	640	62	QU120
		22			3100			500			7.6			345	690	84	
		30			3600			550			7.8	1.65		365	730	110	
		45			3600			600	450		8.5			410	820	177	
EW1100	320t 1Am 0.5-1.8m/min	14	3890		2900	1300	1900	600		35		1.65	0.55	412	825	76	QU120
		22			3400			725				1.98	0.66	448	895	104	
		30			3900			725				1.98	0.66	475	950	134	
		45			4650			875				2.4	0.8	525	1050	208	
	400t 1Bm 0.4-1.2m/min	14	3965		3150	1300	1900	650		35		1.98	0.66	510	1020	85	QU120
		22			3650			725				1.98	0.66	540	1080	110	
		30			4150			775				2.4	0.8	475	1150	145	
		45			4900			875				2.4	0.8	633	1265	223	

## Complete service system

### Passionate, professional and powerful technical support and service team

EUROCRANE will provide you with guaranteed after-sale service to get rid of your worries after purchasing.



we have 24H hotline (400-117-6999) to duly provide customers with standbys, spare parts, service and all-around technical support, In addition we will, according to the requirement of individual customer, customize professional service solution for each customer to meet their requirement of daily constant production and get rid of their worries.

We have passionate, professional and powerful technical support and service team, guaranteed supply of standbys and spare parts, complete maintenance tools, abundant on-site construction experience, practical teaching materials for training as well as exclusive communications and service vehicles. We, in accordance with the requirement of ISO9001 Quality Management System, enhance information feedback, quality control and rectification measures, constantly provide high-quality products and satisfactory service to customers and provide customers with follow-up and door-to-door return visit service.







For any questions concerning cranes and logistics handling (for example, if you need training for crane operators; if you want to replace parts; if your crane has faults or if the performance of your crane fails to meet your production requirement), please contact us.

Our professional technical service network is ready to provide consultation and service for you at any time. We provide you with one-stop service.

Standbys and Spare Parts



Professional Training



Equipment Installation



Equipment Remodeling



Complete  
service system

Maintenance



Emergency Repair





### Application of EW Series Cranes:

Nuclear Power /Paper Making /Shipbuilding/Metallurgy/Aviation /Waste Incineration/ Engineering Machinery /  
Wind Power/Power Generation

**Sales Hotline:400 117 6888**

**Service Hotline:400 117 6999**

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EC-EW-EN-01

Eurocrane retain the right of changing the product's design and specifications any time; when procurement and delivery, please refer to the actual product.