

With the mission of delivering innovation
we constantly foster innovation to create high-quality products
in the filed of construction machinery



中建机械有限公司

CHINA CONSTRUCTION MACHINERY CO.,LTD



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China Construction Machinery Co., Ltd. China Construction

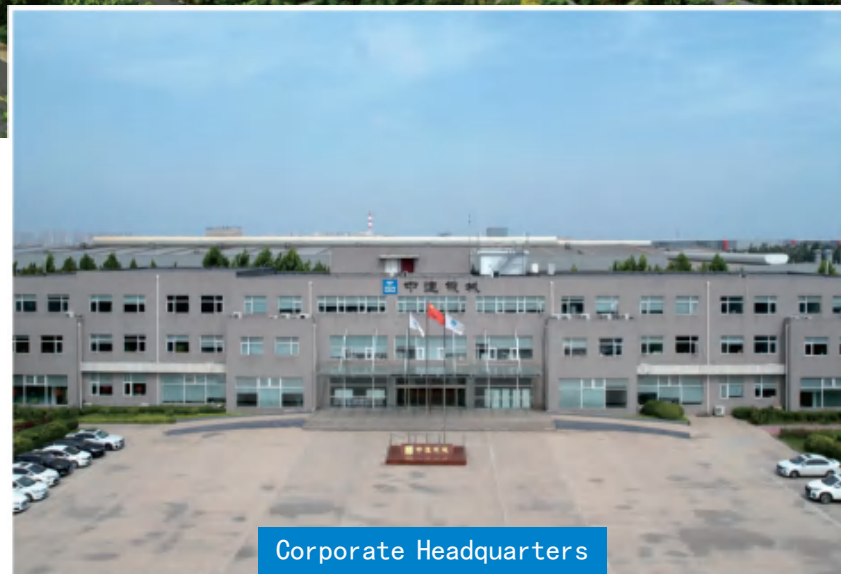
China Construction Machinery Co., Ltd. China Construction

COMPANY BRIEF

中建机械有限公司

China Construction Machinery Co., Ltd. is the only large-scale construction machinery manufacturing enterprise owned by China State Construction Engineering Cooperation. Headquartered in Langfang City, Hebei Province, it owns 380 million yuan registered capital. It has two wholly-owned subsidiaries in Chongqing and Shenzhen, an office in Luoyang.

The company is mainly engaged in tower crane, modular house, concrete batching plant, concrete operation and maintenance, global and domestic trade.



Corporate Headquarters



Chongqing Subsidiary



Shenzhen Subsidiary



Luoyang Office

COMPANY BRIEF

COMPANY PROFILE

Serve as the industry leader and the pioneer of central enterpris

- China Construction Machinery Co., td, adheres to the enterprise spirit of "beyond the supreme, concrete matters first",
- Implement the "specialization" development strategy of CSCEC,
- Stick to the road of "strengthening enterprises by science and technology"
- Strive to build the company into a domestic construction machinery field-class enterprise with prominent professional features, obvious technical advantages, complete industrial chain and strong market leadership

76

Items

The company has obtained 76 national patents

The Company Attaches Great Importance To Innovation Driven. As A National High-tech Enterprise, The Company Continues To Increase Investment In Scientific And Technological Research And Development And Continuously Cultivate The Core Competitiveness Of The Enterprise.

5

Participated in the preparation of 5 national standards

7

7 industry standards

3

3 local standards

14

14 group standards

6

6 software copyrights obtained

240

240 scientific and technological papers in various journals were published

1

Undertake 1 National Project for 13th Five-Year Plan Project

10

10 projects iof China Construction Group

DEVELOPMENT COURSE

发展历程



 中建机械有限公司
CHINA CONSTRUCTION MACHINERY CO.,LTD

Langfang Headquarters

The Langfang Headquarters of China Construction Machinery Co., Ltd was successfully laid in 2011

In 2021,the company name was changed to "China Construction Machinery Co., Ltd."

Chongqing subsidiary

In 1953,Southwest Metal Processing Plant was established.

In1979,it was renamed as"Plant Machinery Factory for Infrastructure Engineering of Chinese PLA"

In1992,it was renamed as Chongqing China Construction Machinery Factory

In 2012, the shareholder of the enterprise was changed to Langfang China Construction Machinery Co.. Ltd.

Luoyang Office

In 1966,the Yangtze River Headquarters of the Ministry of Construction Engineering Established a repair factory

In 1970, it was renamed as"Mechanical Repair Plant of 103 Headquarters of Ministry of Construction Engineering"

In 1989, it was renamed as Luoyang Construction Machinery Factory of the China Construction Second EngineeringBureau.

In 2023,the company changed into an office because of the restructuring of the company organization

Shenzhen Subsidiary

In1993,ShenzhenJiaxin Construction MachineryCo.,Ltd.was established

In 1998,the headquarters of the enterprise was relocated to Xiameilin Tongye Building Futian District

In2012,Langfang Headquarters was established,and the Shenzhen enterprise served as a wholly-owned subsidiary of the headquarter.

In 2022,the company moved to Baguang Industrial Park,Kuiyong Street,Dapeng New District,Shenzhen

Tangshan company

In 1984,Tangshan was rebuilt with the assistance of China Construction Second Engineering Bureau, during which,Construction Machinery General Plant of China Construction Second Engineering Bureau was established.

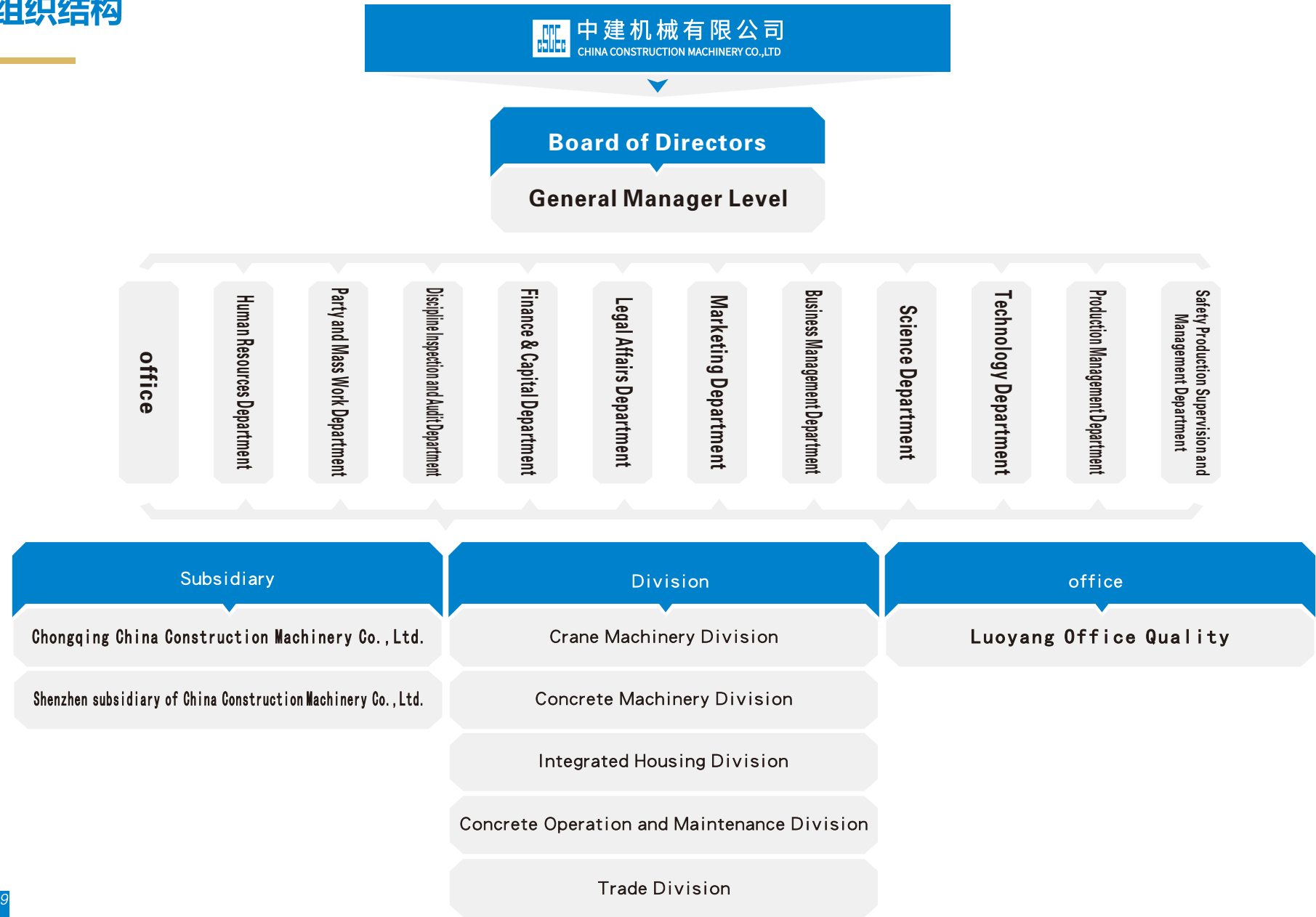
In 1996,the Construction Machinery General Plant of China Construction Second Engineering Bureau merged with the Second Construction Machinery Plant of the Installation Company of China Construction Second Engineering Bureau.

In 2007, China Construction Corporation was listed and renamed as Tangshan China Construction Second Engineering Bureau Co., Ltd.

In 2011,the whole company moved to Langfang

ORGANIZATIONAL STRUCTURE

组织结构



SYSTEM AUTHENTICATION

体系认证



Quality Management System Certification Environmental Management System Certification Occupational Health and Safety System Certification

QUALIFICATION CERTIFICATE

资质证照



Business license

Safety production license
for special equipmentManufacturing License for special
equipment (Tower crane)Qualification Certificate of Construction Enterprise
(Professional contracting level II of crane equipment installation project)Qualification Certificate of Construction Enterprise
(scaffolding formwork)

Environmental Pollution Control Class A

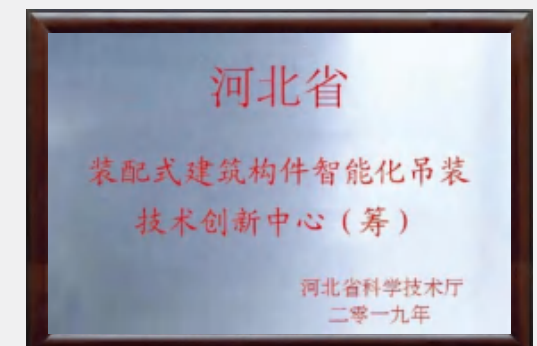
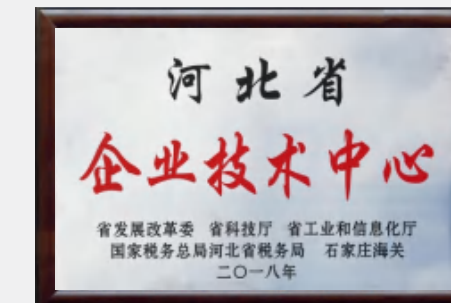
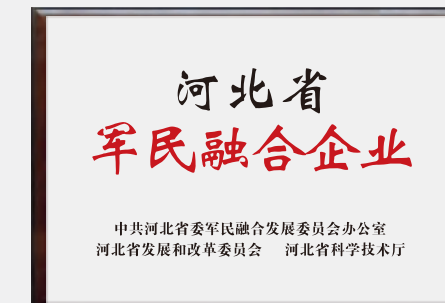
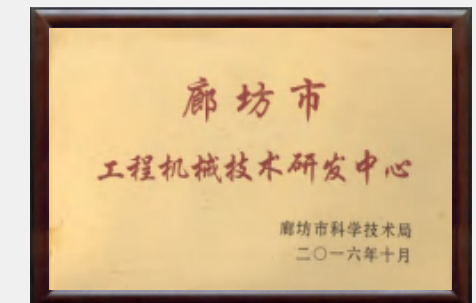
SCIENTIFIC INNOVATION

PLATFORM

科创平台



National High-tech Enterprise

New Specialized Small-Medium
Enterprise of Hebei ProvinceGrade A Research and
Development Institutions
of Hebei ProvinceTechnological Innovation Center
of Hebei ProvinceEnterprise Technology Center
of Hebei ProvinceMilitary-civilian Integration
of Hebei Province EnterpriseEngineering Machinery Research
Center of CSCES Technology InstituteLangfang Engineering
Machinery Technology
R&D Center

PATENT CERTIFICATE

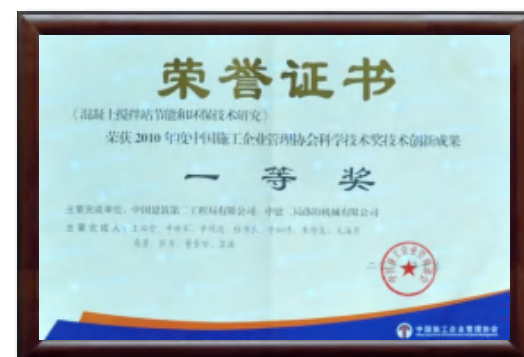
专利证书

As a national high-tech enterprise, we attaches great importance to innovation, continuously strengthens the investment in scientific R&D, and constantly cultivates the corecompetitiveness. At present, over one hundred patents have been obtained.



CORPORATE HONOR

企业荣誉



First Prize of Technological Innovation Achievements of 2010 China Construction Enterprise Management Office Science and Technology Award



2020 CSCES Science and Technology Award



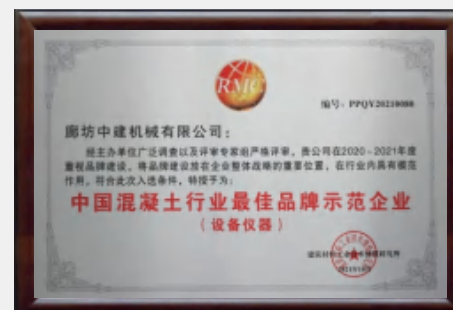
First Prize in Equipment Innovation Category of the First National Concrete 3D Printing Innovation Competition



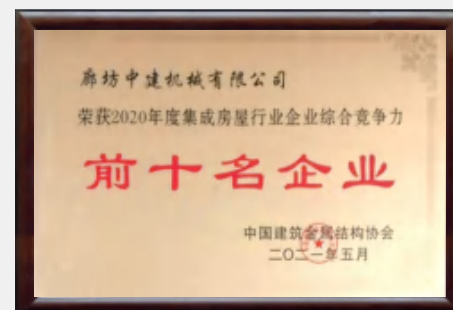
National Model Worker's Home



2021 Contract-abiding and Credit-abiding Enterprise of Hebei Province



Best Brand Model Enterprise of China Concrete Industry in 2020-2021



2021 Top 10 Enterprises of Integrated Housing



A quality credit rating evaluation of Crane Machinery



A quality credit rating evaluation of Concrete Machinery



Third Prize of Concrete of Second Engineering Bureau of CSCES



Science and Technology Progress Award of Henan Province



A quality credit rating evaluation of Concrete Machinery



Tower Crane



Safety

- **Strict standards:**
It is designed according to the highest international standards and meets the requirements of 125% rated dynamic load test and 140% rated static load test.
- **Stable structure:**
The structural parts are made of high-strength structural steel, and the boom itself is light and strong in rigidity.
- **Complete test:**
The tower crane shall pass the whole machine test before leaving the factory.

Intelligence

- **There is no blind angle in visual field:**
Visualized hook featuring, automatic color transfer and night vision display, real-time monitoring, data real-time transmission.
- **No delay in information:**
Line transmission, GPS positioning, anti-collision, brake control and other modules monitor the operation parameters in real time.
- **Electronic control without delay:**
It can realize high-frequency starting and stopping.
- **Slow position:**
Millimeter-level precise control can be achieved.

High Efficiency

- **Module design:**
Convenient and rapid installation and detachment, high interchangeability.
- **Stable operation:**
There is no jitter in the whole process, no swing back while parking, and would make instantaneous response when startup and stop.
- **More energy-efficient:**
The motor adopts frequency converter for speed regulation.

FLAT HEAD TOWER CRANE

Type

QTP100(6013)	QTP200(7015)
QTP125(6015)	QTP250(7020)
QTP125(6512)	QTP250(7025)
QTP160(6515)	QTP200(7526)



HAMMER HEAD TOWER CRANE

Type

QTZ63 (5610)	QTZ160(6018)
QTZ80 (5613)	QTZ125(6513)
QTZ100(6012)	QTZ200(7015)
QTZ100(6013)	QTZ250(7030)



BOOM TOWER CRANE

Type

QTD160 (5522)
QTD160(5030)
ZJM5023-10L



教学塔机

Teaching tower crane

Full-featured

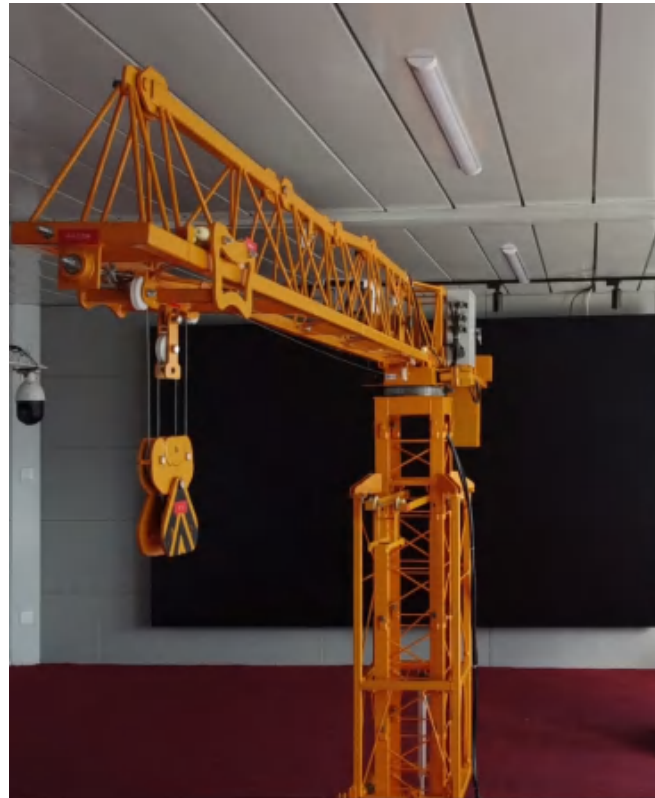
- the product is able to restore the real tower crane according to 1:10 ratio
- The whole process of motion simulation the product can realize various real actions of tower crane

Compact structure

- Small size
Dimensions:L*W*H:4.5m*0.4m*2.6m
- Light weight
The weight of the whole machine is only 345Kg

Easy to operate

- one can quickly master the tower operating procedures, especially for inexperienced people
- Single person can control
one person can complete the basic action of controlling the tower crane



增值选配

Value added optional configuration

Full-featured

By optimizing the frequency converter, micro-motion control is realized to ensure accurate, safe and efficient hoisting.

Intelligent hover technology in the air

The background collects abnormal signals to effectively prevent sudden failure of the braking device and realize intelligent hovering in the air. Prevent the occurrence of safety accidents.

Anti-top-breaking technology

Effectively prevent the lifting hook from breaking the top by improving the information collecting and processing technology based on the function of the limiter in the lifting height.

ISC-T tower crane safety intelligent system is composed of foreground and background.

The foreground is integrated by the tower crane safety monitoring system, anti-collision system, installation and detachment protection system, control system and so on. The modular design can realize the safe operation and normal use of the tower crane. In addition, the system offers the visual lifting function, which makes the driver operation of tower crane more intuitive.

The background uses the Internet technology to carry out the informatization and intelligent management of the tower crane, and realizes the remote monitoring, operation management and resource management of the tower crane. It mainly includes archive management and precise positioning, real-time monitoring, big data management, alarm statistics and report exporting.

Anti-collision technology based on image recognition

The laser radar scanning, data and graphics processing technology are employed to prevent the hoisted objects from colliding with obstacles and ensure the lifting





INTEGRATED HOUSING



Superior performance, safety and reliability

The box adopts steel structure frame and light wallboard structure, which is stable and firm, with grade 8 earthquake resistance and grade 12 wind resistance;
The wall adopts 75mm thick double-sided color steel glass wool sandwich panel, which has good effects of heat preservation, fire prevention, moisture resistance, heat insulation and sound insulation.

Convenient installation, detachment and transportation

The packing box comprises a main body frame, units module and fixed link piece, and can be installed and detached in three steps, and one room can be installed by 1 person in 2 hours,
The whole structure can be divided and make it to plate-type packaging if the distance is long which greatly saves the transportation cost, if the distance is near, then it can be prefabricated and detached, and then the whole box can be transported to its destination, directly being used after hoisting.

Versatile, reusable

The integrated housing adopts modular design and industrialized production, which can be used alone or in combination, so as to meet the requirement of functioning in office, medical treatment, fire-fighting, kitchen and bathroom, operation, exhibition hall, hotels, schools, shops and other functional requirements;
The product adopts non-damage installation and detachment technology, which can be repeatedly installed and detached for a plurality of times, and the service life is more than 15 years.

INTEGRATED HOUSING

Type

Noble type Comfort type	Luxury type Economical type
----------------------------	--------------------------------

We also specialize in customized services for special applications such as traveling, high-cold area, civil-military integration, desert, etc.





CONCRETE BATCHING PLANT

Modular

With designing concept of standardized, modular and integrated, the box is convenient to be transported and its installation period is short:

Unique design

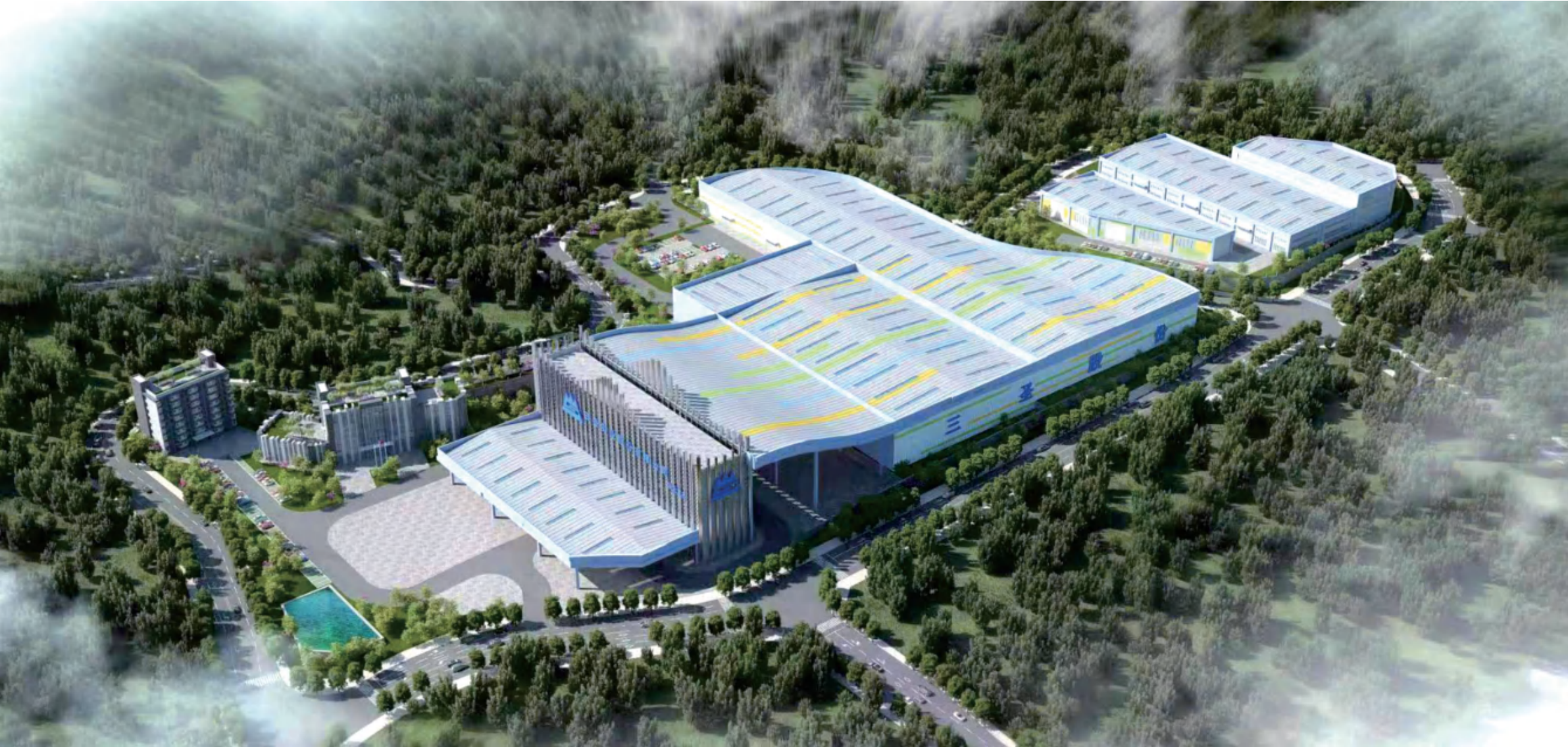
Unique design is adopted in the concrete discharging, which not only improves the production efficiency, but also effectively solves the problems of concrete splashing, dripping and so on;

Environmental-friendly

The waste concrete and sewage of the batching station can be recycled to achieve zero discharge; the independent full-automatic background stereoscopic material ware house feeding system effectively reduces the dust pollution within the station;

Foundation-free design

With steel structure foundation, foundation-free design can be realized under various complex geological conditions such as backfill soil.sandybeach land, loess and frozen soil.



ENGINEERING STATION

Type		
HZS180G	HZS120G	HZS90G



COMMERCIAL AND MIXED STATION

Type				
HZ(L)S300	HZ(L)S270	HZ(L)S240	HZ(L)S210	HZ(L)S180
HZS180T	HZS240T	HZS270T	HZS300T	



VALUE ADDED OPTION



Low-pressure air supply equipment



Waste concrete zero-discharge and sand-stone separation system



Material yard spraying equipment



washer for gantry car



Stereoscopic high-level bin



Sand-gravel separator



Dust collector



OPERATION AND MAINTENANCE OF INFRASTRUCTURE CONCRETE

With rich experience in operating and maintaining , we have a professional team of installation, procurement, production and transportation, and can provide all-round one-stop service experience for station construction, temporary construction and concrete operation and maintenance



We can provide a wide range of services such as temporary construction, station building, material procurement, producing and processing, transportation.



Domestic and international trade



Scaled of self-owned products

Self-owned products cover tower crane, construction elevator, integrated house, concrete batching plant and supporting equipment, steel structure and other products, all of which have independent intellectual property rights and are independently developed and manufactured;

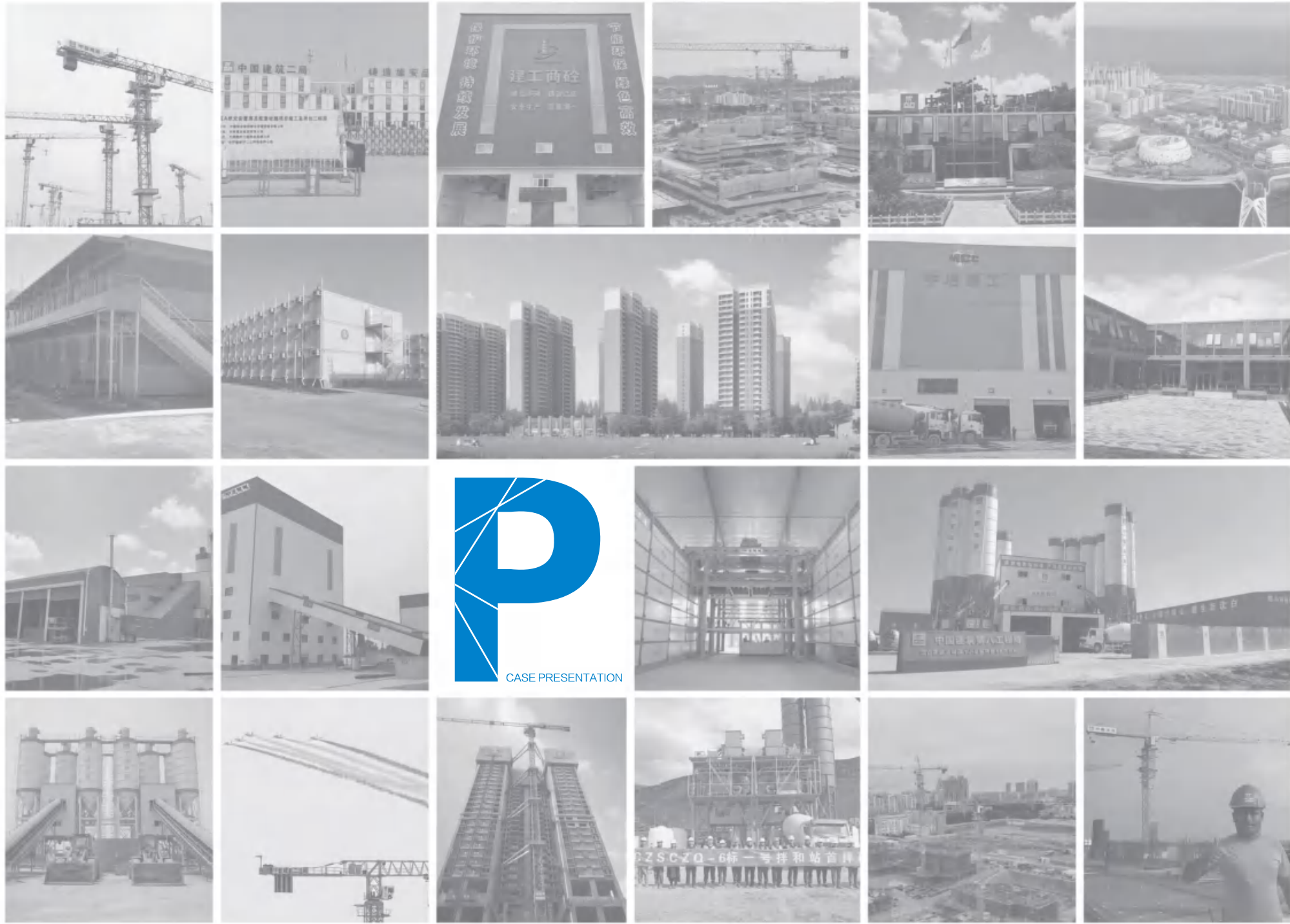
Diversification of trading products

Trade products cover copper, galvanized steel pipes, turnover materials, small mechanical equipment and other products required by the project.

Specialization of exporting program

We can design professional export solutions according to customers' needs and provide one-stop professional export services.





案例展示
CASE PRESENTATION

1

塔式起重机
Tower Crane

2

集成房屋
Integrated Housing

3

混凝土搅拌站
Concrete Batching Plant

4

混凝土运维业务
Concrete Operation and Maintenance Business

5

贸易业务
Trade Business

Tower Crane



Changchun Kuancheng Rental Housing Project



Zhuhai hengqin Port Project



Xiong'an Jinhua Future City Project



Shenzhen Changzhen Guarantee House Project



Qingdao Wanda Xingguang Island Project

Integrated Housing



Xinjiang Army Barracks Project



Shenzhen Office Building Project



Xiong'an Resettlement Housing Project



Shanghai National Exhibition Xinjiang Isolation Area Project and Convention Center Project



Beijing Bus Station Project



Fengtai District Small Fire Station Project



Baiyin Car Camp Project



Dinghu District Youth League Convenience Service Point Project



Fengning Hotel Project

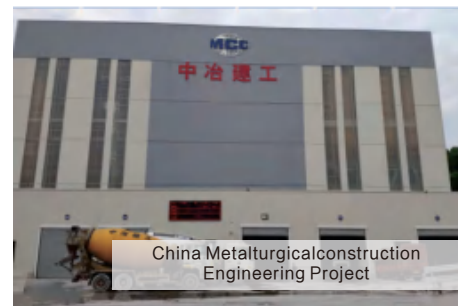


Chengdu Maker Space Project

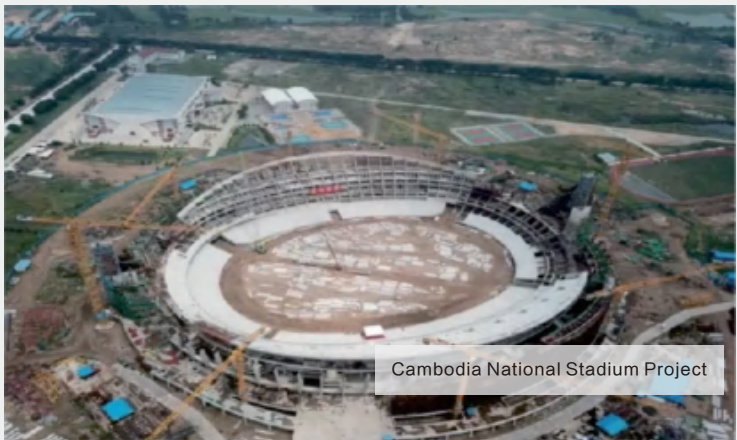


Xinjiang Isolation Area Project

Concrete Mixing Plant



Global Trade Business









AFTER-SALES SERVICE

售后服务

超值 VALUE-ADDED

专业 PROFESSIONAL

科学 SCIENTIFIC

满意 SATISFACTORY

超值的产品服务

01

VALUE-ADDED PRODUCT SERVICE

专业的技术服务

02

PROFESSIONAL TECHNICAL SERVICE

科学的管理服务

03

SCIENTIFIC MANAGEMENT SERVICES

满意的售后服务

04

SATISFACTORY AFTER-SALES SERVICE







CORPORATE CULTURE

企业文化



Corporate Mission

Expand the happiness space
Satisfied Customers Promising Employees
Return to shareholders benefit the society



Corporate Vision

Become a well-known and trustworthy comprehensive serviceprovider of construction machinery and support ing products in China.



Core Values

Quality Assurance Value Creation
We always adhere to the principle of "customer-centered", continuously improving the credit performance ability to guarantee continuous optimization of our product in quality, management, service ;
We always adhere to the "performance culture" to maximize the win-win situation and value of all stakeholders through high-quality services.



Corporate Spirit

Honesty, innovation, transcendence and win-win
Honesty is the foundation of the enterprise, innovation is the magic weapon to win, transcendence is the driving force of development, andthe win-win situation is the pursuit of value.