

ZOOMLION HEAVY INDUSTRY SCIENCE & TECHNOLOGY CO., LTD.

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ZOOMLION PRODUCTS CATALOGUE



ZOOMLION

Zoomlion Profile

Zoomlion, founded in 1992, is mainly engaged in the R&D and manufacturing of construction machinery, agricultural machinery and other high-tech equipment and new building materials, with leading products covering 13 categories, 101 product series and 715 varieties. It is the first A+H share listed company in the industry.

Zoomlion is an enterprise incubated from a national research institute and a standard setter in the industry. The company has 8 national scientific research and innovation platforms, with R&D investment ratio of over 6% in recent years. It has won the National Science and Technology Progress Award twice and the National Patent Gold Award for three times. It has applied for 13,443 patents, including 5,303 invention patents, and its comprehensive patent strength ranks first in the construction machinery industry. It has led and participated in the revision of more than 400 national and industrial standards and 17 international standards, leading the global industry technology.

Zoomlion is the world's leading equipment manufacturer of construction hoisting machinery, mobile crane machinery, concrete machinery, earthmoving machinery, mobile elevating working platform machinery, etc. It has successfully developed the world's longest 101-meter carbon fiber boom concrete pump truck, China's first 3,200-ton crawler crane, the world's largest 12,000-ton-meter rotary tower, the world's largest 2,400-ton all-terrain crane and a large number of world's iconic products, winning the reputation of "pillars of a great power". The Company is also a leading manufacturer of whole-process agricultural machinery in China. Its products cover four series, namely, machinery for dry field operation in the north, paddy field operation in the south, cash crop machinery and post-harvest processing machinery. Through the combination of intelligent agricultural machinery and digital agriculture, the Company creates intelligent unmanned farms and forms the digital rice brand of Zoomlion.

At present, Zoomlion is accelerating to build an advanced manufacturing enterprise in respect of new digital, new energy and new materials. The Company has developed a number of key mechanical, electrical, hydraulic technologies, developed a number of global industry pioneering products that integrate lightweight, intelligent, unmanned, new energy and new material technologies, accelerating the transformation from single machine intelligence to human-machine collaboration, cluster collaboration and intelligent construction site. In addition, based on Zoomlion Smart Industry City, it has built 14 world-leading lighthouse factories, driving the comprehensive upgrade of intelligent manufacturing through digitization.

Zoomlion has been accelerating the layout and upgrading of overseas production bases and strengthening international cooperation in accordance with the principle of "making decisions, making deep efforts and making thorough efforts": Build a local manufacturing cluster under the Belt and Road Initiative.

Zoomlion continues to expand internationally through M&A and greenfield projects besides regular export of products. Zoomlion has successively acquired Powermole from the UK, CIFA from Italy, M-TEC from Germany, Wilbert from Germany, and Rabe from Germany, and has built overseas production bases in Belarus, Brazil, India, and other places. The company's R&D center, production base, market network and service system cover all over the world, and its products cover more than 130 countries and regions in seven continents. It has established more than 30 subsidiary platforms worldwide. And established a global logistics network and spare parts supply system. Zoomlion will continue to actively build high-end products that adapt to local conditions and customer needs, and create new overseas growth poles.

ZOOMLION GLOBALIZATION



ZOOMLION AT A GLANCE

| | | | |
|--|--|---|--|
|  Since 1956 |  Founded in 1992 |  Stock Exchange SZ/HK |  Sales Value \$4.18billion |
|  Patents 10000+ |  Standard Maker |  Industrial Parks 22 |  Employees 20000+ |



Overseas Subsidiary/Overseas bases



📍 Overseas bases
○ Overseas Subsidiary

Five Pillar Business

Construction Machinery

ZOOMLION CIFA m-tec WILBERT TOWER CRANES

Agriculture Industry

ZOOMLION RABE

Financial Service

ZOOMLION CAPITAL FINANCIAL SERVICES

- Zoomlion Capital presence in Italy, USA, Russia, Australia, South Africa, etc.

Zvalley

ZOOMLION

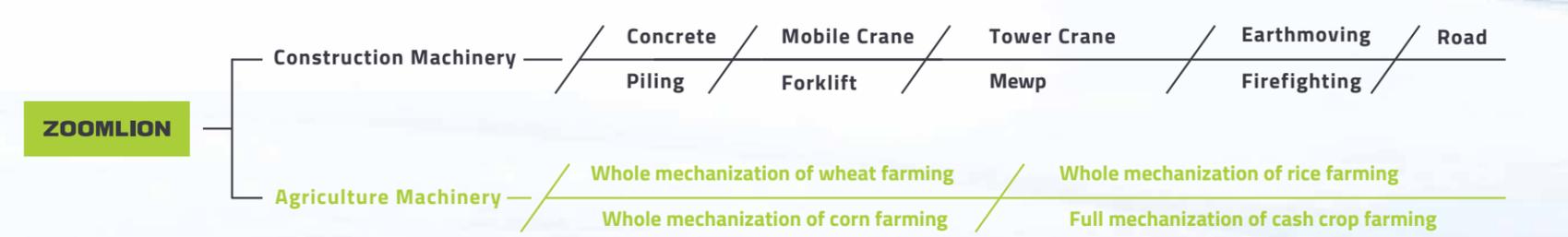
- Bring Internet of Things technology into full play for industry.

Neo Material

ZOOMLION

- Zoomlion Neo Material Technology Co., Ltd. provides total dry mortar solutions to customers all over the world.

Product Portfolio



101 TRUCK PUMP

Zoomlion launched the 7-axle and 7-section ultra-long boom pump truck of 101 m in 2012. The 101 m carbon fiber boom pump truck combines 120 patented technologies. It breaks the vertical pumping height records of full-steel boom and carbon-fiber composite boom pump trucks. In September 2012, it was certified by Guinness World Records as "the world's longest concrete boom pump truck", and it still holds the title till now.



ZOOMLION 101 M CARBON FIBER BOOM TRUCK PUMP



ZCC3200

With a maximum weight of 3,200 tons and a maximum lifting torque of 82,000t m, Zoomlion 3,200 t crawler crane is one of the super-tonnage mobile cranes which have the most powerful lifting performance and the most advanced technology in the world. The super-tonnage crawler crane of 3,000 t not only left the production line at the earliest time, completed all tests at the earliest time and reached the marketable state at the earliest time in China, but also is the only one used for the lifting of nuclear power equipment in China. The scope of application covers the lifting of HPR1000, AP1000, high-temperature gas cooled reactor and other nuclear power equipment and petrochemical construction field.

ZOOMLION 3,200T
CRAWLER CRANE



ZAT24000H

Zoomlion ZAT24000H is the world's largest tonnage all-terrain crane in mass-production. It is an innovative product with high market adaptability developed in response to the demand for large-scale and high-efficiency lifting equipment in the hot domestic wind power market, aiming at covering the installation height of 160m and below wind turbines. It adopts a single cylinder double pin boom structure, with better side bending resistance. It makes the boom deformation small and wind resistance stronger with continuous boom isometric stiffness optimization design, and electromechanical hydraulic intelligent safety control technology. The center of gravity of the vehicle is the lowest in the industry, making it safer to drive.

ZOOMLION ZAT24000H
ALL-TERRAIN CRANE



W12000

1.Large performance parameters: It has rated lifting moment up to 12000 ton-meters, double 400 lifting on the basis of D5200 double 200 lifting, namely the maximum lifting weight of 450 tons, the maximum lifting height of 400 meters.

2.Easy transportation: Meeting performance requirements under space constraints is a huge challenge for structural design. We innovatively use the double U structure for the boom, eight rigid transitions, modular tower body, double lifting mechanism and other designs to control the transport size and weight in a reasonable range.

3.It meets the demand of strength and rigidity of tower crane under heavy load. When there is no precedent for structural form to follow, the calculation platform for structural rigidity, stability and modal analysis is re-established. It marks tower crane design of Zoomlion plays the leading role.

4.Sensitive control: It adopts bus communication technology, with more than 50 sensors and high-performance controller. It is not only strong and powerful, but also smart and flexible.

5.High lifting capability: The tower crane is a jack-up crane with a tops weight of 1200 tons. It adopt dual-side four-cylinder synchronous jacking technology. It can jack up by nearly 4 meters at one step for high efficiency.

6.Novel design with tower on tower: A 500 ton-meter boom crane is arranged on the W12000 tower crane, which can be used for quickly tower crane assembling and disassembling, mechanism maintenance and

wall-attached installation.

7.The huge crane is made of nearly 4,000 tons of steel, with a maximum single unit size of 14m×6m×6m, a maximum single unit weight of 66 tons, and a total weld length of 5.8 kilometers. It is a huge challenge to make such a large tower crane with high requirement on welding and accuracy. In the super-large tower crane workshop of the world's largest tower crane intelligent factory, we adopt digital welder equipped with T-joint full-penetration welding technology to overcome the technical problem of welding cracking of super-thick plates. More than ten sets of high precision CNC machining centers have been used to complete the precise processing of overweight parts with super length and width. We have built a super-large water-based coating line to ensure that the coating of large workpiece has free of dead angle with marine-class anti-corrosion. In just as little as five months, Zoomlion successfully completed everything from design, manufacturing and crane erection tests for its W12000 tower crane, which has also been certified.



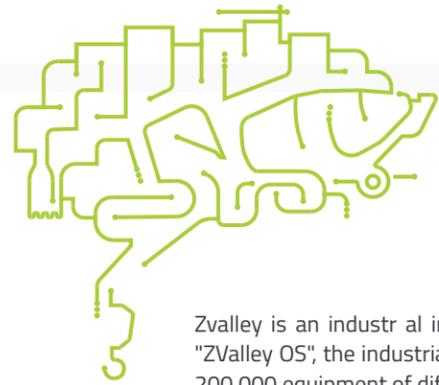
WORLD'S HIGHEST ELEVATING PLATFORM FIRE TRUCK OF 113 M



Elevating Platform Fire Truck of 113 m

The DG113 elevating platform fire truck launched by Zoomlion is the world's highest one. It is the large multi-functional firefighting equipment integrated with the functions of giant elevating platform fire truck, water tower fire truck and foam fire truck. The maximum working height of elevating platform is 113 m. It is suitable for the rescue, firefighting and aerial work in the high-rise and super high-rise buildings over 35 stories. The launch of DG113 in the Exposition marks that the world's leading GKH aerial platform truck boom that has been researched and developed for 3 years and

manufactured for 9 months is completely successful under the support of National Sci-Tech Support Plan in the twelfth five-year period, Zoomlion masters the independent core technology of high-altitude fire rescue equipment up to one hundred meters, and the technologies of high-altitude fire rescue equipment in China have reached the advanced world level and some key technologies have reached the international leading level.



Zvalley

Zvalley is an industrial internet company with more than 700 employees. "ZValley OS", the industrial AIoT platform of ZValley, is connecting more than 200,000 equipment of different kinds with a total value of more than 100 billion RMB, spanning over 9,000 data parameters and at a PB data volume level, and is turning data into insights and value every day. With a strong focus on manufacturing and agriculture related industries, ZValley is committed to helping people in those industries improve efficiency, reduce cost, and innovate new business models by unleashing the power of industrial IoT, data science, and AI.

Zvalley OS Platform is an easy-to-connect and easy-to-use industrial AIoT platform with ecological feature. With the technology of standardized data collection, drag-and-drop analysis programming, visible application development, the platform can lower development threshold, reduce development cost and improve development efficiency for industrial application developers.

Zvalley Z-Asset Management-Higher Efficiency Lower Cost

Zvalley Z-Asset Management is a smart software system used for construction machinery management which combines with Industrial IoT, internet, cloud computing and big-data technologies. The system can be used via personal computers and mobile devices. It shows the information including asset locations, anomaly alarms, operation reminders, and realtime operation status. By analyzing big data, the system can help clients to reduce asset operation costs, improve asset efficiency, and generate high profit value.

- Monitor equipment operation
- Increase equipment efficiency
- Reminders for assets maintenance
- Reduce operating cost



Where is the asset?
Locate asset position, track asset route history



Locate asset position



Track route history

Zvalley-Z-Rental Management is a software designed for large/medium equipment lessors to help them with asset management. The software can be used by personal computer and mobile device. With IoT technologies, Z-Rental Management can connect to equipment and provide comprehensive equipment rental management processes. The core functions are as follows: remote equipment management, equipment entry & exit management, equipment operation supervision, lock or unlock equipment remotely and rental payment management

Provide integrated process management from equipment procurement to financial invoicing
Satisfy a variety of rental business scenarios, such as equipment rental, rental pause, contract alteration, equipment entry & exit and sublease

Automatic calculation of rental costs, accurate to daily fee

Combined with IoT technologies, realize real-time equipment monitoring, remote anomaly alarm and maintenance reminder

Ask accountant to submit rental business operation report for last month
Not necessary, operation statistics is already done



Industrial IoT Industrial AI Data Science



CONCRETE MACHINERY

ZOOMLION Concrete Machinery Branch Company(hereinafter referred to as "the Company") is a subordinate operating unit of ZOOMLION. At present, the Company operates domestic production bases which are mainly concentrated in Changsha Lugu Industrial Park, Yuanjiang Industrial Park and Hanshou Industrial Park, and operates production and R&D bases or collaborative development platforms in Italy, Brazil and other foreign countries.

The Company has more than 50 years of product R&D experience, operates the only National Concrete Machinery Engineering Technology Research Center in China, and has achieved fruitful results in product R&D and technological innovation. It has successively won more than 100 national, ministerial and provincial science and technology achievement awards and progress awards, and obtained more than 1,100 patents, thus leading the global concrete machinery industry in product innovation and technological progress.

The Company has passed the certification of ISO 9001:2008, ISO14001:2004 and OHSAS18001:2007 Quality, Environment and Occupational Health and Safety Management System. The products of the Company have passed the domestic CCC certification, as well as the European Union CE, South Korea product safety certification and other international certification. The products of the Company have won many honorary titles such as National Well-known Trademarks, National Famous Brand Products and National Inspection-free Products.

In 2008,ZOOMLION successfully acquired Italy CIFA and became the world's largest concrete machinery manufacturer and supplier.ZOOMLION absorbed and integrated the high-end technology developed by Italy CIFAover 80 years, and successively introduced a number of high-end products represented by carbon fiber super-long boom frame. The 101 m carbon fiber boom frame pump truck set a new Guinness World Record as the longest boom frame pump truck.



TRUCK PUMP



Truck pump

ADVANTAGES:

- Active Boom Vibration Control Technology
- Rollover Protection Control Technology
- Accurate Pumping Control Technology
- Adaptive concrete Material Pumping Technology
- Self-adaptive Variable Power Distribution Control Technology

High reliability:

Structural component life up to 400,000m³. With ABC, boom vibration amplitude is less than 0.4m. With RPC, boom can work in safe condition.

High efficiency:

Industry pioneered full-attitude and high pressure pumping technology, With APC, pumping efficiency is 8% higher than standard.

Intelligent:

Cloud platform realize networking and data interaction. Three-level fault diagnosis and self-learning of control parameters.

Trailer pump and city pump

More stable and more efficient hydraulic system

- Unique double pump double circuit hydraulic system
- Multi-step protection technology of main oil pump
- Efficient lubrication technology
- Quick-change of concrete piston

Human-centered intelligent control

- Original Germany 32 code IFM industry controller
- Three-level fault diagnosis
- Intelligent match control
- Friendly human-computer interface

More efficient, more economical pumping system

- Best suction efficiency
- S-valve smooth reducing diameter
- Wide adaptability

TRAILER PUMP AND CITY PUMP



MIXING TRUCK



Mixing Truck

Intelligent Management

The adoption of real-time monitoring, fault reminder and abnormality alarm can prevent abnormal fuel loss and unexpected vehicle shutdown, and reduce abnormal operation cost by about 10,000 RMB/year.

Low Cost

The combined fuel consumption is reduced by 3L/100Km, the wearing-parts have a long service life, and the operation cost is reduced by 1%.

High Reliability

100,000 Km dependability verification

It is the exclusive mixer truck with the T type blade, with a service life of more than 8 years. As the feed hopper has a fish-scale structure, its service life is more than 30,000 m³.

Mixing Plant

High Production capacity

It is improved by 20% to reach the leading level in China.
The actual productivity of the HZS120plant is improved to be higher than 100 m³/h.
The actual productivity of the HZS180plant is improved to be higher than 150 m³/h.
(Note:The actual productivity is calibrated according to production of C30 concrete)

Easy Maintenance

The main mixing tower has a more reasonable layout
The key parts have sufficient maintenance space
Quick release shaft end seal
The disassembling & assembling time of single shaft end is reduced to 0.5 d from 2d.

Accurate Measuring and high accuracy

The measuring accuracy standard is improved to higher than 90%, ahead of all competitors in the industry
The measuring accuracy of all materials fully meets the high-speed rail requirements.

Low Energy consumption

The energy consumption for 1m³ concrete production is 20% lower than the industry level.
With composite spiral mixing technology, its installed capacity is decreased by 45 KW.
The electricity consumption for 1m³ concrete production is reduced to 0.4 kw·h from 0.55 kw·h.
With the annual output of 300,000m³ concrete, it can directly save the electric charge up to 50,000 RMB

MIXING PLANT



Placing Boom

Reliable boom structure:

Fatigue optimization design, more than 100,000 fatigue tests.
Life has exceeded European standards.

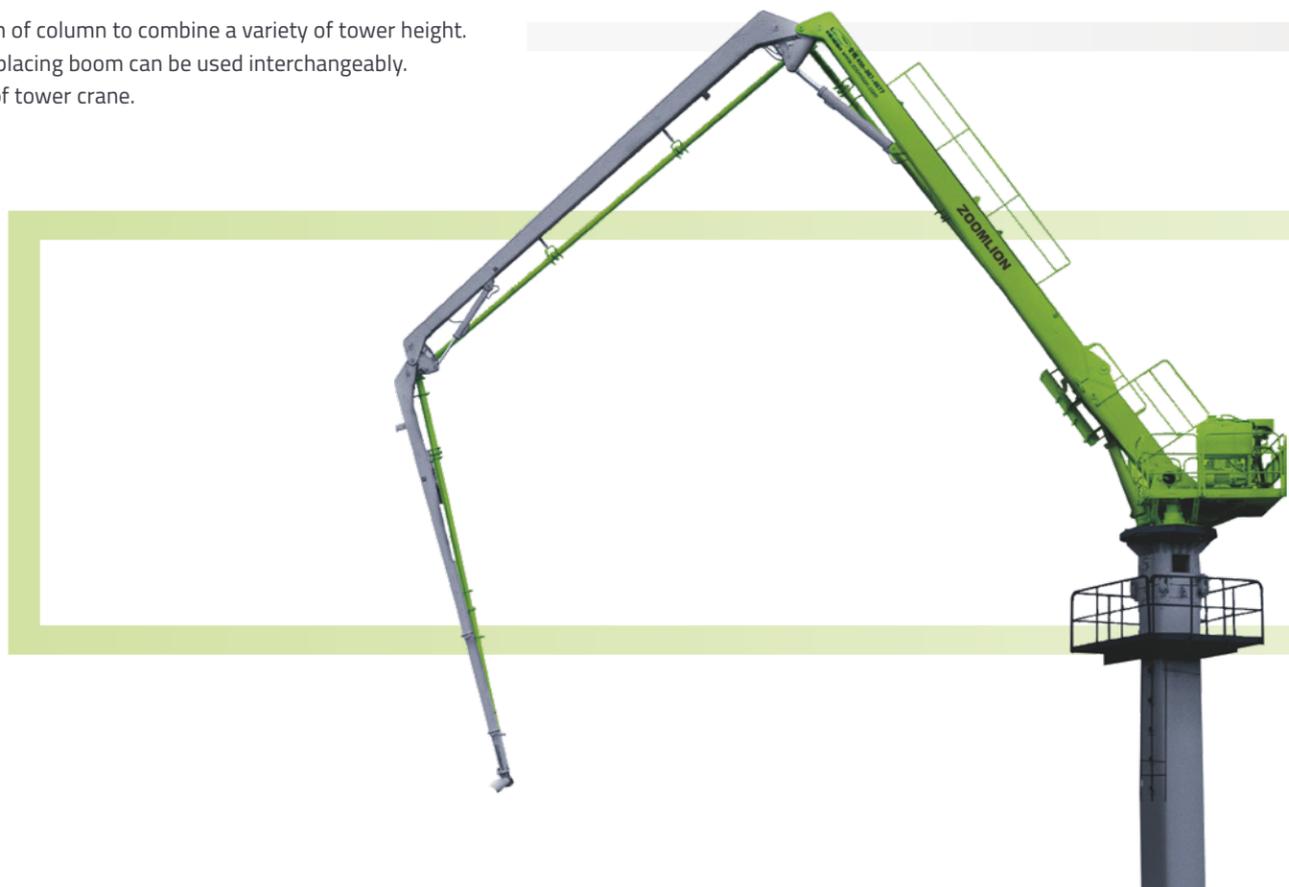
Quick assembly disassembly:

The upper part and the tower body are connected by quick pin shaft, which can be quickly disassembled and assembled.

Modularization and generalization:

Modular design of column, using different length of column to combine a variety of tower height.
Tower body general design, a variety of column placing boom can be used interchangeably.
Tower placing boom uses the standard section of tower crane.

PLACING
BOOM



SPRITZ
SYSTEM



Spritz System

Dual-power operation

Compliant with the ergonomic design
Highlighting overall performance of the equipment
Safe and comfortable

Double turntable compound boom

The boom seat has a 3.7 m sliding length
The actual working height is 17 m
Unfolding space height, 3.2 m
It meets the requirements of working 7 m under the ground level.

Dual-power operation

The diesel engine can also drive pumping operations,
therefore, the real double-power application range is wider.

Special chassis

CIFA self-made special chassis
Four-wheel drive, four-wheel steering

All-steel body

All major system components are protected by steel plates
Safe, easy to clean, more aesthetic

MOBILE CRANE

Zoomlion Mobile Crane Branch Company (hereinafter referred to as the Company) is one of the most important business divisions of Zoomlion. The Company integrates R&D, development, manufacturing and testing. It crosses three major industrial parks including Quantang Industrial Park, Changde Industrial Park and Lugu Industrial Park. It has a production area of nearly 1 million m² and an annual production and sales scale of nearly RMB 20 billion. It is engaged in providing 12t-220t truck crane, 110t-2,000t all-terrain crane, 55t-3,200t crawler crane, and 30t-100t rough terrain crane, which are widely used in infrastructure construction, municipal construction, rail transit construction, petrochemical field, logistics and hoisting field, thermal power construction, nuclear power construction, and wind power construction.

As an enterprise with 50 years of mobile crane development and manufacturing history, the Company witnesses and participates in the development of construction cranes in China. It is the earliest manufacturer with the integrated development ability of superstructure and chassis in China, and also the initiative place of the truck crane with the largest tonnage and the all-terrain crane and crawler crane with the maximum lifting capacity in the world. It is more skillful in product intelligence, core technology and appearance modeling. It has become one of the leaders of global mobile crane.



Truck Crane

TRUCK CRANE



Stronger lifting capacity

- Apply the U-shaped section and the plate-shaped head boom frame. The boom connection ratio is optimal and the load-bearing capacity is strong.
- Thanks to the topological optimal structure and the large rectangular section chassis frame, the load-bearing capacity is strong and the rigidity is optimal.
- The main structural members adopt the low-alloy high-tensile structural steel of which the strength is high and the toughness is good.

Better trafficability characteristic

- Golden transmission chain realizes the perfect match between the power and the drive. Also, it supplies the strong power.
- Adopting the rubber rear suspension, the damping performance is better and the maintenance and service is more convenient than before.
- The vehicle satisfies the standard requirements for category G vehicle. Moreover, the trafficability characteristic reaches the off-road vehicle level.



Convenient and high efficient

- Independent research and development as well as deep customized hydraulic systems special for the cranes have stable and high efficient movements.
- The performance of simultaneous crane movements is better than before after the main valve adopts the advanced downstream pressure compensation technology.

More reliable

- Advanced automatic manufacturing technique and perfect quality management system efficiently guarantee the product quality.
- The test system is much higher than the standard. Each product has passed the strict and harsh test verification. And thus the environmental suitability is wider.
- Going through the verification of tens of thousands of products in China, the product has low failure rate and long service life.

Comfortable and safe

- Spacious panoramic operator's cab with wide seats gives you convenient and comfortable driving experience.
- Carrying vehicle-mounted information platform can realize the following functions:
 - The operation state monitor of the vehicle-mounted side equipment
 - The equipment historical data acquirement
 - The real-time safety/fault/ maintenance prompting.Optional internet of things platform realizes the monitor and management of terminal remote equipments such as the mobile phone etc.
- Full-range lifting safe monitoring system can efficiently prevent the misoperation, and thus guarantee the product safety and the personal security.

All Terrain Crane

More excellent performance

- Driving performance: the chassis of the all terrain crane,an off-road one,adopts the advanced technology such as the multi-axle drive,the multi-wheel steer and the hydro-pneumatical suspension etc. Therefore, this vehicle can only drives on the road, but also has a remarkable off-road performance. Strong gradeability make the vehicle adapt the complex construction environments.
- Lifting performance:adopting 1100MP high-tensile steel ,the boom frame obtain more excellent lifting performance.

Higher reliability

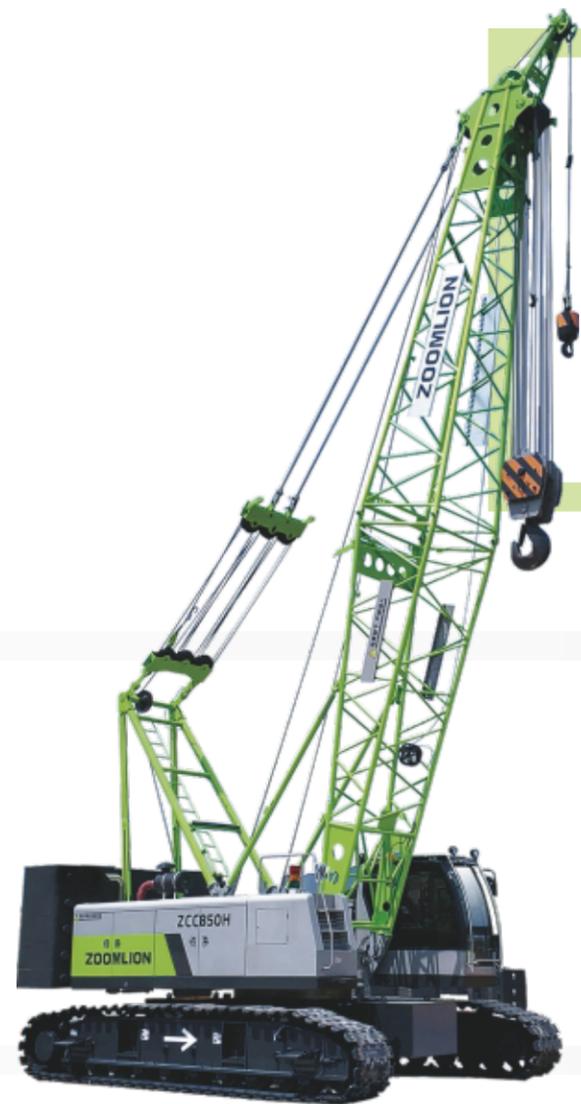
- The whole vehicle has passed more than 3000 km load test examinations in Yunnan,Guizhou and Sichuan provinces.Through the strict and harsh tests such as the natural environment,the road condition,the altitude etc. the reliability of this vehicle is much higher.
- The vehicles have exported to dozens of countries and regions such as Singapore,Malaysia, Indonesia, Saudi Arabia, India etc. Hundreds of products go through the marketing tests and become more reliable.

ALL TERRAIN CRANE

Higher return on investment

- This vehicle conforms to the most strict weight and axle standard in the world. The product designers have made great technological breakthrough on the key parts and components (such as the engine, the axle, the transmission and the transfer case etc.).And thus, the purchase cost becomes lower.
- This vehicle can be equipped with more accessory devices (such as the jib,the wind-plant jib, the luffing jib etc.).And the operation range (such as the lifting load,the lifting height and the working radius etc.) is wider. Besides, the attendance rate is higher.Higher reliability





Crawler Crane of Small and Medium Tonnage

Wider coverage of operating modes:

Small tonnage crawler cranes (≤100t) are applicable to all kinds of infrastructure constructions and municipal engineering; Medium tonnage crawler cranes (130~350t) are applicable to all kinds of municipal engineering and rail transit projects.

Better operating experience

Panoramic view in the cab, large display screen, three-dimensional adjustable shock-absorbing seat, integrated bus control panel, omnidirectional video monitoring system and electric-hydraulic proportional joysticks provide accurate and highly

Higher quality

- Limit load capacity control system and digital display;
- Intelligent management and control system and client application on mobile phone;
- Remote monitoring and management with higher efficiency; personalization;
- Sophisticated application of world's cutting-edge technologies, such as welding of thick plates and high-strength tubes with large diameters.

CRAWLER CRANE

Crawler Crane of Large Tonnage

Superior performance and wide application

- Stable chassis; multiple variable cross-section lattice boom.
- Wide coverage of operating modes: infrastructure construction, urban construction, electric power, petrochemical and steel structure field, etc.
- Specifically design operating modes for wind power, nuclear power and shield tunneling machine.
- Attached counterweight and multiple-tiered load capacity provide full range of lifting capacities.

Convenient assembly and low operating cost

- Modularized design of structural parts; automatic and fast assembly and disassembly of basic machine; tools of exclusive use for boom.
- Multiple transport modes for basic machine and small weights and dimensions of boom package or single piece improve transport efficiency and satisfy various transport requirements in different regions.
- Universal parts like counterweight plates bring lower purchase cost.

Safe and reliable

- All-round mechanical, electrical and hydraulic safety protection; monitoring management system; visualized operation.
- Reliable systems and components ensure safe and stable operation.
- Easy to operate with high efficiency: superior micro- inching performance, accurate electro-hydraulic matching and intelligent control on synchronous operation.

Intelligence

- Intelligent management and control system: remote monitoring and management with high efficiency.
- Intelligent network security diagnosis control system: accurate positioning of failure spot and rapid troubleshooting.
- Lifting auxiliary system provides reference for crane model selection, site planning and hoisting planning



Rough Terrain Crane

High mobility

- Small wheel base and turning radius;
- High mobility in a narrow work space is ensured through four steering modes: front/rear wheel steering, four-wheel steering and crab steering.

Excellent travelling ability on rough terrains

- Good passing-through ability: large ground clearance of the chassis and large approach and departure angles realize the crane's excellent ability of travelling on rough terrains.
- Superior gradeability: the standard four-wheel drive system and hydraulic suspension system, together with the off-road tyres of large specifications, give fullplay to the superior driving performance of the whole crane, which makes it an ideal choice for travelling and hoisting on work sites with adverse conditions.

Strong lifting capacity,with pick-and-carry ability for practical use

- The boom excels in its strong comprehensive lifting capacity thanks to its super-large U-shape cross section. The ability of lift-on-tire(without the need of extension of outriggers) in a narrow work space enables the crane to stand out as the optimal solution,
- differentiating itself from other types of cranes.
- The ability of pick-and-carry(for load lifts at a short distancel provides great convenience to the user.

2-in-1 cab

- A single cab is used for both driving and operation.A panoramic roof window is installed, providing wide view to the operator.
- Operational experience is enhanced through the super-large LCD as well as the control panel with different functional sections.

Intelligent equipment

- A device management platform is configured in the crane, realizing functions such as monitoring and control of work and travelling, fault diagnosis, work information record, etc

Custom-made for different working conditions

- Higher radiation capacity is configured for cranes to work in construction sites with high temperature and oil fields with strong wind/sand.
- A special working mode for sand ground is added to enable the crane to work more efficiently on oil fields.

High quality and reliability

- Domestic and internal first-class brands are adopted for critical components, realizing high stability and reliability of the crane; the integrated hydraulic valves simplify control pipelines and provide more convenience for maintenance

Authoritative certifications

- The crane has passed strict tests conducted by international authoritative agencies, and received ANSI and CE certification.
- Sophisticated modular design of the crane realizes its high stability and reliability.

Rough Terrain Crane



Telescopic crawler crane

The best partner for basic construction

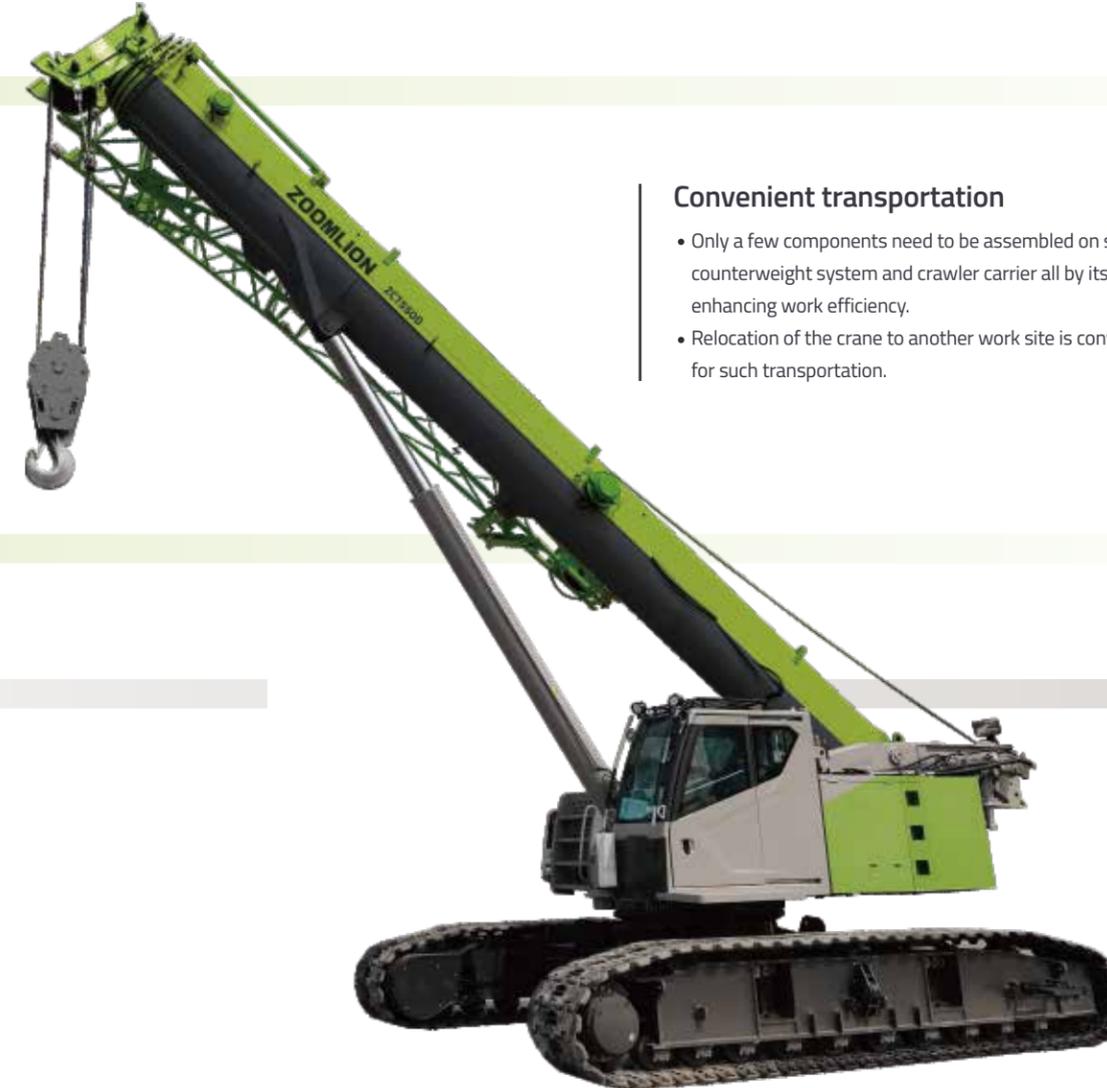
- Wide coverage of work conditions, including railway/bridge construction, plant building, metro construction, and auxiliary hoist for wind power plants.

High work efficiency

- The telescopic boom system can telescope the boom to a target boom length quickly, without the need of installing and changing the boom system on site.

Strong adaptability to different work sites

- The crawler of large wheel base ensures excellent crane stability in a 360° range.
- The strong drive system realizes superior gradeability of the crane, enabling it to work on complex working environment with soft or uneven work ground or narrow work space.



Convenient transportation

- Only a few components need to be assembled on site;a counterweight handler capable of loading/unloading the counterweight system and crawler carrier all by itself is installed in the crane of medium and large tonnage, enhancing work efficiency.
- Relocation of the crane to another work site is conveniently done by trailers, satisfying the 3 m width requirement for such transportation.

High mobility

- Small turning radius enables the crane to turn at standstill, realizing good mobility in a narrow work site.
- The overall width is reduced when the crawler changes its course, realizing good passing-through ability of the crane.

Ability of travelling with a suspended load

- Sthe ability to travel with a suspended load realizes load lifts for a short distance.

TELESCOPIC
CRAWLER CRANE



CONSTRUCTION HOISTING MACHINERY

Flat-top tower crane, Luffing-jib tower crane, Hammerhead tower crane and Construction Hoist, the four series products are covered by ZOOMLION Construction Hoisting Machinery Branch Company. And a lot of star products have been created, such as the longest jib(110m) tower crane D1250, and the super large W12000,D5200 and LH3350, etc.

With excellent performance,ZOOMLION tower crane and construction hoist have been exported to nearly 100 countries and regions. They are widely used in the construction of magnificent projects and better living space.

Driven by ZOOMLION Product 4.0 Strategy,ZOOMLION Construction Hoisting Machinery Branch Company has newly established an international top level intelligent factory. The production efficiency and information management have been implemented perfectly with 12 automatic production lines, more than 10000 sensors, more than 100 industrial robots,35 unmanned trolleys(RGC and AGV),16 sets of CNC machining centers and other advanced. equipment. and integrated MES control system.

Flat-top Tower Crane

Convenient and efficient installation

Less parts, without slewing mast and tower head.
Quick joint applied for counter jib and platform of driver's cab.
Installation faster, time-saving and labor-saving, with unique AG1 antirust grease.

Excellent hoisting performance

Originated German JOST technology, the strengthened hoisting capacity at 40m-60m radius is 20% higher than normal.
Special reducer with high transmission efficiency.
Speed is 15%-20% faster than normal.

Stable and precise positioning

The braking of hoisting and trolleying is stable with very less impact by frequency conversion control.
The slewing is featured with strong wind resistance capacity and reversing operation, by anti-rocking technique.
More accurate positioning with 5mm/S minimum hoisting speed.

Long life

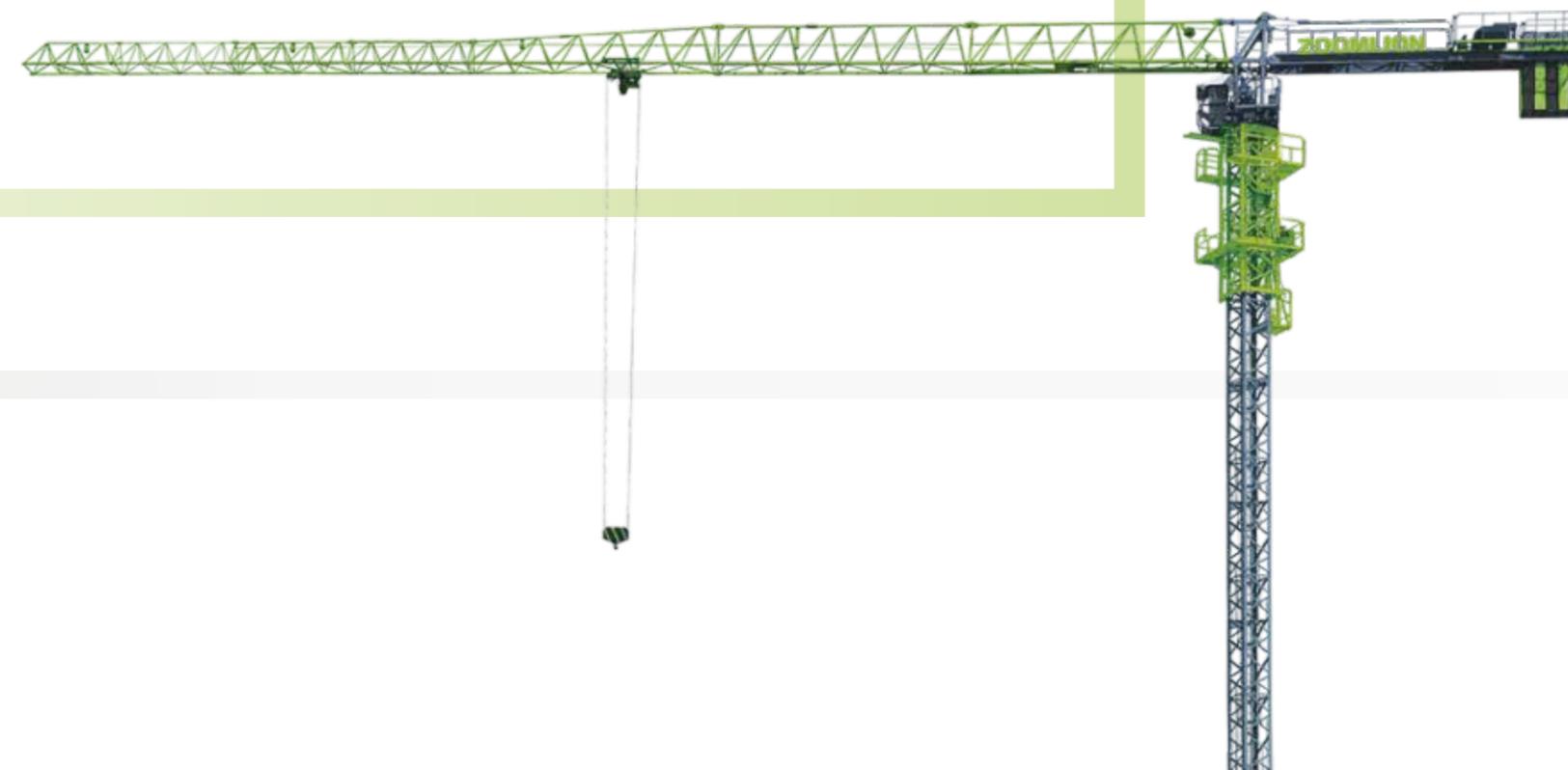
The optimally designed smooth structure with near uniform stress.
30 years equivalent life of main structure effected by equal life design principle.

Higher HUH

Unique rabbit tower section of Round main chord has lower wind resistance.
Higher HUH than normal.
Higher rigidity with less deformation.

Safety

Higher stability of the whole machine with higher safety factor than that defined in standard.
Secured against falling down while sudden broken of the hoisting rope hung with rated load.
Intelligent control system integrated with security monitoring, fault diagnosis and anti-collision.



FLAT-TOP TOWER CRANE



Luffing-jib Tower Crane

Visual monitoring

The camera is built in the transmission mechanism, hook and luffing pulley block and cab to monitor the hoisting capacity of wire rope and status of the driver.

Multi-configured mast

The standard integral tower & rod structure making the rod transport easy to transport and the disassembling & assembling time-saving.

High hoisting speed

The hoisting mechanism is improved, and the speed is about 15% faster than the others of the same class.

Convenient installation

The hoisting jibs can be placed horizontally, and the technology of variable jibs length in the air can meet the use, disassembling & assembling requirements of booms of different lengths.

High stability

The double-triangle structure of the slewing mast ensures high rigidity, high stability and convenient disassembling & assembling.

Internal climbing

With the built-in climbing cross member, less space is occupied, no inverted cylinder is required, and use is convenient and efficient.

Excellent hoisting performance

The hoisting performance of the jib in all lengths is higher than that of the luffing-jib tower crane of the same class in the industry, and the jib has the maximum hoisting capacity in its all lengths.

Multiple configurations

There are a variety of jib length combinations to meet the requirements of different working conditions. The integral of tower body and rod structure allows a larger space for selection; the maintenance auxiliary device provides both the manual derrick and the electric derrick.

Strengthened transmission

The adoption of the fence type drum technology with double-broken line grooves enables the rope to be arranged regularly and extends the service life of the rope.

The hoisting inching speed technology allows a better low speed positioning performance.

All the three operation mechanisms are adopted with the frequency conversion control technology, providing smooth operation, high positioning accuracy and convenient operation.

Construction Hoist

Manual/automatic operating system

It can realize free manual/automatic switching, thus ensuring double protections.

It can reduce frequent inching operations and impact as well as extend the component life.

High worksite adaptability

The average current is 27% lower than that of the common type. The impact on the power grid is minor, with the fault rate reduced by 50%.

High efficiency and energy-saving

With the high efficiency reducer, its transmission efficiency is up to 95%, with an energy-saving rate of 21%.

Intelligent

It is equipped with intelligent management system, the remote management technology is applied to perform such functions as one card startup.

Identity authentication, state display and fault diagnosis, and the mobile APP enables integrated management of the construction hoist, maintenance and personnel.

Comfortable operation

It is designed with automatic leveling function, thus reducing the labor intensity of the operator and ensuring easier operation; it is equipped with free manual/automatic switching, thus ensuring double protections and more reliable operation.

The operation structure can reduce frequent inching operations and impact as well as extend the component life.



CONSTRUCTION HOIST

EARTHMOVING MACHINERY

Zoomlion Earthmoving Machinery Company is a wholly owned subsidiary and one of the core division of Zoomlion. Its predecessor was founded in 1968, and was the only designated national construction machinery factory producing bulldozers in China. In 2008, Zoomlion merged the factory and established Earthmoving Machinery Company.

As the key strategic layout and a core business unit for Zoomlion's strategic development, Zoomlion Earthmoving Machinery Company mainly producing the whole series of excavators and bulldozers. Headquartered in Changsha, Hunan Province, Zoomlion Earthmoving Machinery Company has set up manufacturing bases respectively in Changsha and Weinan, providing worldwide sales and service. Weinan industry park has industry-advanced smart production lines for excavators and bulldozers, with an annual production capacity of more than 20,000 excavators and bulldozers. In Changsha, as the first intelligent industry cluster of ZOOMLION Smart Industry City, the Excavating Machinery Intelligent Manufacturing Park takes the lead in implementing smart manufacturing. The Park covers a land area of over 0.87 square kilometers, with annual production capacity of 50,000 excavators and annual output value of CNY 30 billion.

The company has established a strict quality management procedure, and has carried out rigorous performance and reliability tests on every component and every product to ensure the performance and quality of products. And the Company further extends the concept of Product 4.0, riding on the trend of the Internet of Everything. We apply our experienced 5G remote control technology in excavator products, and continue to improve our 2D/3D guidance system, intelligent identification, and smart construction technologies.



SMALL EXCAVATOR



Small excavator

High-strength work equipment

Integrated large-profile design of structural parts.
Superior load bearing capacity thanks to strength-ened structural parts.
Suitable for all kinds of working conditions.

Safe upgrading

Superb all-round visibility thanks to 360° large window areas.
More spacious cab.
Obtaining TOPS/ROPS and CNAS certifications, etc.

Comfortable and operator-oriented

Spacious comfortable cab with STD suspension seat.
Equipped with bluetooth, USB and stereo system.
Refined layout of air conditioner air vents.

Upgraded bucket

Refined D-ARCS bucket offers a better cutting angle and a more user-friendly digging experience.
More flexible digging with more wear-resistant backboard.
Wear-resistant performance is improved by 40%.

Strong undercarriage concept for greater robustness

Heavy-duty design of X-frame.
Track rollers in replacement of carrier rollers are more robust and reliable.

Strong power

Equipped with high reliability and low fuel consumption YAMMAR engine.
Strong power and sufficient power reserve.

Medium excavator

high-strength work equipment

Integrated design and manufacturing.
Additional reinforcing plate.
Reduce the risk of open welding.

Safe upgrading

Superb all-round visibility thanks to 360° large window areas.
Spacious operation cab, 8% larger than the industry.
Obtaining TOPS, ROPS and CNAS certifications, etc.

Comfortable and operator-oriented

Spacious comfortable cab with STD suspension seat.
Equipped with bluetooth, USB and stereo system.
Refined layout of air conditioner air vents.

Upgraded bucket

D-ARCS bucket with refined cutting angle.
More flexible digging due to reduced resistance.
Wear resistance is improved by 60% by adopting wear-resistant steel plate

Strong undercarriage concept for greater robustness

Robust and durable heavy-duty design platform and X-frame.

Strong power

Tailored CUMMINS/ISUZU engine.
Intelligently enhanced power and high fuel conversion rate.



MEDIUM EXCAVATOR

LARGE EXCAVATOR



Large excavator

High-strength work equipment

Integrated design and manufacturing.
Additional reinforcing plate reduces the risk of open welding.
Design service life of structural parts:>15000h.

Safe upgrading

Superb all-round visibility thanks to 360° large window areas.
Spacious comfortable cab with STD suspension seat.

Comfortable and operator-oriented

Equipped with bluetooth, USB and stereo system.
Refined layout of air conditioner air vents.

Upgraded bucket

D-ARCS bucket with refined cutting angle.
More flexible digging due to reduced resistance.
Wear resistance is improved by 60% by adopting wear-resistant steel plate.

Strong undercarriage concept for greater robustness

Robust and durable heavy-duty design platform and X-frame.
Durability design of track rollers in replacement of carrier rollers enhances adaptability to adverse working conditions.

Strong power

Tailored CUMMINS engine.
Intelligently enhanced power and high fuel conversion rate.

Bulldozer

Cab with high transmittance

Super large space design.
A variety of ROPS and TOPS are available.

Strong power

Equipped with CUMMINS/WEICHAI engine.
Strong power with high efficiency.
High torque, low RPM.

Configuration of rear attachments

Diversified configuration of rear attachments.
Optional single-shank ripper and three-shank ripper.
Optional mechanical and hydraulic winches.

Easy to operate

Mature and reliable hydraulic transmission.
Equipped with more efficient hydraulic torque converter and transmission.
Light and flexible operation brings accurate and reliable gearshift.

Integrated main frame

High-tensile structure with large-profile.
Important parts are casted and forged.
Heavy-duty undercarriage design
(including track rollers, carrier rollers, track shoe, idler, sprocket)

High strength blade

Diversified blade configuration.
Straight-tilt blade, semi-U blade, angle blade and sanitation blade are optional.
Both edge cutting and bit end adopt high-tensile wear-resistant materials for achieving extended serviced life.



BULLDOZER

FOUNDATION MACHINERY

Shanghai ZOOMLION Piling Machinery Co., Ltd.(the Company) is one of ZOOMLION's most promising companies. The Company is located in Rongbei Industrial Park(No.297 Binfen Road), Songjiang District, Shanghai, China. It is a large and modern high-end piling equipment manufacturing enterprise and new high-tech enterprise, with an annual output of more than 1,000 rotary drilling rigs.

The Company has inherited the excellent technical capability of the former Changsha Construction Machinery Research Institute of Ministry of Construction. It not only conducts in-depth-research and active exploration on basic construction techniques and methods, but also takes economy, high efficiency, reliability and intelligence as design concepts. With the selection of hydraulic and power transmission systems and control elements & components of internationally famous brands, and the adoption of a number of patented technologies, the Company has developed a variety of ideal construction equipment for foundation projects, which are characterized by wide operating range, high construction efficiency, strong power, stable performance, high reliability, and simple installation. The Company is mainly engaged in R&D, production and sales of rotary drilling rig, underground diaphragm wall hydraulic grab, double-wheel groove milling machine and other machinery products for foundation construction.



Rotary Drilling Rig

Has a long pressurisation stroke, can be used to pressurise a ten metre or more borehole.

Can be expanded into a long spiral construction, which can form a pile hole of more than ten meters at a time, more efficiency.

Adaptable to complex geological conditions

Can provide a full set of construction solutions for complex geological conditions such as underground rivers and underground caves.

High capacity for large pile construction

High power, high displacement, high torque and high pressurisation.

Suitable for large diameter piles, hard rock or deep piles

Solid and stable design concept, allowing for superb power. The powerful main winch lifting capacity ensures safe and efficient lifting of the drilling tools during construction.

Intelligent control

Equipped with pressure adaptive, floating pedal, wire rope pre-tightening
720 degree full view three-dimensional monitoring, mobile phone APP pushing equipment information.

Maintenance upgrades

Equipped with pressure adaptive, floating pedal, wire rope pretightening
720 degree full view three-dimensional monitoring, mobile phone APP pushing equipment information.

ROTARY DRILLING RIG

Quality appearance

New cab, combined guardrails, treads, mast line double row arrangement, line brackets, attention to product detail design.

Maintenance upgrades

Large maintenance space for winch, main valve and slewing; Centralised maintenance of machine filter and diesel filter. Add high-precision bypass filter, hydraulic system longlasting cleaning.

DIAPHRAGM WALL GRAB



Diaphragm Wall Grab

Stable and Reliable

The heavy duty box-shape mast, double big triangle kinematic system and the heavy duty roller slewing table ensure stable and steady work of machine.

High efficiency and productivity

Enhanced weight heavy duty grab features with higher penetration capability. Powerful closing force is provided by panel cylinder to meet the construction demand in highly weathered rock.

Flexibility

Modular design realizes rapid shift among different sizes and weights of panels. The grab is able to turn within $\pm 180^\circ$, which ensures the successful constructions like Z shape, cross (+) shape, right-angle wall, etc.

INDUSTRIAL VEHICLE

Zoomlion Anhui Industrial Vehicle Co., Ltd. is one of the important sectors of Zoomlion Group. Our annual production capacity can reach 30,000 units and we have formed 209 kinds of forklift products, which can meet demands of the mainstream markets at home and abroad. Currently, our forklifts have been widely used in papermaking, manufacturing, port, logistics, railway and other industries.

The company has more than 160 sales and service outlets in the world, and to provide "financing, leasing" and other systems sales solutions, pay attention to customers in the purchase, use, maintenance, updating, and other different needs. We bring our customers pleasure, touched and added economic interests by providing intimate service.





Forklift

Wide field of view of the cab

The vehicle is adopted with the patch type cab, thus facilitating disassembling & assembling.

With the small frame installation mode, it has excellent transparency.

The driver's field of view is wider.

Outstanding visibility and safety

The hydraulic hoses are placed on the channel of chain.

A double cylinder design leaves more place in the middle, the view of mast is enlarged by 22%.

FD30R series internal combustion counter-weight forklift

Green

With LED lamps, it is more energy-saving and environmentally-friendly.

Dependability

With the optimized and improved mast speed, vehicle traveling speed and fully loaded gradeability, ergonomic, it can reach the advanced level of the industry. Through strict technological standards and process control, its rust and leakages of the engine are solved, the component quality is strictly controlled, the fault rate is effectively reduced, the rear support of the overhead guard is thickened, the fracture prevention capability is improved, and the safety of the operator is enhanced.

Comfort

The height of the pedal improves the operation comfort; the driver's field of view is greatly widened by fitting the patch type cab.

Maximum productivity,excellent operating experience

Specially designed engine and drive train mounts dramatically reduce the amount of vibration felt at the floorboard and steering wheel.

Innovative material

Top cover, hood and radiator covers are made of the composite SMC materials, effectively decrease noise.

Top class cooling system

Excellent radiator improves the heat dissipation effect by 10% better than traditional copper radiator.

FB25H series battery counter-weight forklift

Green

The LED lamps are more energy-saving.

Dependability

With the imported oil seal and strictly-controlled encoder quality, it solves the problem of cylinder leakage and encoder fault.

Intelligence

the integrated electronic-over-hydraulic control system, the free switching technology of working modes, and the mobile APP and forklift interconnection technology are applied, thus realizing the industry-leading level.

Safe and comfortable driving

Focus on ergonomic design.

The Grammer seats of the vehicle meet the humanized requirements; The right-mounted control valve stem, steering wheel and direction switch are optimally designed; The control comfort is improved; The rear armrest is designed with hornwarning function; The driver's reversing posture is stable, which is safe and comfortable.

Industry-leading battery

The common lead battery is replaced with the lithium battery, and the side battery access mechanism is optional, reaching the advanced level of the industry.

Performance

The vehicle has small turning radius and good trafficability; with the optimized and improved mast hoisting speed, vehicle traveling speed, fully loaded gradeability and turning radius, it can reach the advanced level of the industry.

Improved coating quality

Through strict technological standards and process control, its quality and glossiness of coating are improved.

FORKLIFT



MOBILE ELEVATING WORK PLATFORM

About US

As a global manufacturer of access equipment, Zoomlion Intelligent Access Machinery Co., Ltd. (hereafter referred to as "ZOOMLION ACCESS") is dedicated to delivering versatile equipment and keeps adapting its product portfolio to meet the changing needs of consumers. Integrated with state-of-art intelligent manufacturing in China, ZOOMLION ACCESS set the stringent standard for reliability, simplicity, and efficiency.

Our Vision

To be a leader in the access industry, provide integrated and innovative manufacturing solutions in the market place.

Our Mission

Through leadership, teamwork and dedication, help our customers to grow a sustainable business with optimized return of asset investment, thus improving values to our shareholders.

Our Products

ZOOMLION ACCESS provides quality engineered, simple, reliable and efficient access equipment globally, including boom lifts, scissor lifts and low-level access lifts. All of ZOOMLION ACCESS products are designed to be easy for maintenance and service. With the innovation spirit, ZOOMLION ACCESS has enhanced its equipment with tens of thousands of leading technologies, manifesting its strong power of research, development and innovation.

Service Network

Our service motto is being customer-oriented and growing with customers to excellence. The service network consists of maintenance centers, parts warehouses, service stations and well trained engineers who keep value-added services in the whole process to customers' needs.



SCISSOR LIFTS



Work Height: 7.8m
Platform Capacity: 450kg

7.8m 450kg
7.8m 230kg
7.8m 230kg
10m 450kg
11.8m 450kg
13.8m 450kg
15.7m 350kg

AC/AC-Li
Electric powered scissor lifts, with work height ranging from 7.8m to 15.7m, providing high efficiency and safe operation around jobsites.

Gradeability 25% (14°)
Power Lead Acid/Lithium



7.8m 230kg
7.8m 230kg
10m 450kg
11.8m 350kg
13.8m 350kg
15.7m 350kg

HD/HD-Li
Eco-friendly scissors feature cutting-edge driving system with high-quality batteries.

Gradeability 25% (14°)
Power Lead Acid/Lithium



6.5m 240kg
6.5m 240kg
7.8m 230kg

DC/DC-Li
Electric powered scissor lifts, boosting high productivity with zero emission and low noise working conditions.

Gradeability 25% (14°)
Power Lead Acid/Lithium



6.2m 240kg

Full-Electric
Scissor lift with 100% electric drive system, providing working conditions with no hydraulic system and no hydraulic oil leak.

Gradeability 30% (17°)
Power Lead Acid



6.5m 240kg
8.8m 250kg
13.8m 350kg

Crawler
Crawler scissor lifts provide customers with new options for working at height across rough and unstable terrain.

Gradeability 25% (14°)/30% (17°)
Power Lead Acid



18m 680kg

Rough Terrain
Rough terrain scissor lift, with 18m work height and 680kg platform capacity, offers large lift capacity with high reliability.

Gradeability 40% (22°)
Power Kubota

ARTICULATING BOOM LIFTS



11.55m 230kg
16m 230kg

Electric
Electric articulating boom lifts deliver eco-friendly footprint, precise maneuvering, greater endurance and extreme flexibility.

Gradeability 35% (19°)/30% (17°)
Power Lead Acid/Lithium



17.8m 250kg
21.38m 350/360kg

RT Electric
RT Electric Articulating Boom Lifts feature strong rough terrain ability, providing exceptional off-road performance and quiet working conditions around jobsites.

Gradeability 45% (24°)
Power Lead Acid/Lithium



15.8m 300kg
21.38m 250/360kg

Diesel
Diesel powered articulating boom lifts for precise position and extreme flexibility.

Gradeability 45% (24°)
Power Kubota/Cummins/Weichai



26.23m 250kg
33.85m 250kg



27m 120kg/230kg

Spider Lift
Lithium-powered spider lift is equipped with self-leveling outriggers and crawler rubber track, allowing it boosting productivity through rough terrain and on steep slopes.

Gradeability 30% (16.7°)
Power Lead Acid

TELESCOPIC BOOM LIFTS



24.4m 300kg/454kg
28.7m 300kg/454kg
40.22m 300kg

Electric
Lithium-powered telescopic boom lifts, with 80-volt lithium battery that can be fully charged within 7 hours, are purpose-built for indoor applications with quiet, emission-free and cost-efficient solutions.

Gradeability 45% (24°)
Power Lithium

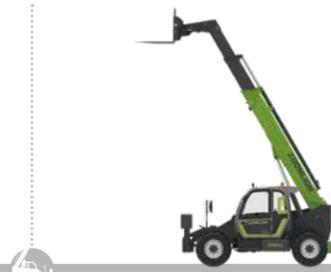


22.75m 300kg/454kg
28.2m 300kg/454kg
36m 300kg/454kg
40.2m 300kg/454kg
44.08m 300kg/454kg
58.8m 300kg/454kg
67.5m 300kg/454kg

Diesel
Diesel-powered telescopic boom lifts can get the work done at height with super efficiency in large-scale, outdoor constructions and industrial applications.

Gradeability 45% (24°)
Power Kubota/Cummins/Weichai

TELEHANDLER



12.7m 3500kg

Telehandler
Zoomlion telehandler highlights safety and intelligence, featuring stable boom extension, excellent off-road ability and great gradeability.

Power Cummins QSF 3.8 L

AGRICULTURAL MACHINERY

Zoomlion Agriculture Machinery Co, Ltd. is part of Zoomlion Heavy Industry Science & Technology Co, Ltd. Established in 2010, Zoomlion Agriculture Machinery Co, Ltd. is dedicated to agricultural machinery R&D, manufacturing and distribution, At present, we have more than 10 product lines, over 20 product platforms, including tractors, Rice seedlings throwing planter, Grain combine harvester, Sugarcane harvester, Orchard harvester, Baler, Grain dryer etc. Our overseas business have expanded to 40 countries and networks covers Asia, CIS, Europe, South America and Africa.

Our strategy in overseas market is to consolidate the network by developing professional high profile partners; to re-organize global supply chain by localization with local partners; to enrich our product portfolio in order to improve partner competition position.

Welcome to join the Agricultural Machinery Business!



RN Series Tractor (90-110HP)

ADVANTAGES:

- Four Wheel drive
- 90/110HP Four-cylinder high-pressure common-rail National III engine
- Fuel atomization effect is good, more fuel-efficient
- Cabin upgrade, more comfortable operation
- 16F+8R Meshing sleeve gearshift
- Hydraulic-driven steering system
- The rear track adjustable



PS 1804 Tractor (180HP)

ADVANTAGES:

- Four Wheel drive
- 180 HP high-pressure common rail supercharged National III engine
- 32F+16R interval power shift gearbox
- PTO wet clutch, button operated
- Luxury AC cab, more comfortable operation
- Intelligent text Character display instrument
- Electric control button one button to connect/separate

NEW



RS Series Tractor (130-160HP)

ADVANTAGES:

- Four Wheel drive
- 130/160 HP Six-cylinder high-pressure common-rail National III engine
- High-strength steel for chassis, chassis performance improved by 30%
- 5.8m turning radius
- 16F+8R Meshing sleeve gearshift
- Hydraulic-driven steering system (add priority valve)
- Luxury AC cab, more comfortable operation

EAC



DRYING MACHINE

RD 254 Tractor (25HP)

ADVANTAGES:

- Four Wheel drive
- 25HP Euro 5 engine
- 8F+8R Meshing sleeve gearshift
- Reinforced front axle
- 300mm ground clearance
- Steering radius only 3m
- Hydraulic-driven steering system
- The rear track adjustable



RV Series Tractor (90-110HP)

ADVANTAGES:

- Four Wheel drive
- 12F+12R independent shuttle shift
- 3600kg extremely light weight
- 500mm high ground clearance
- 55° super steering Angle
- Minimum steering radius only 3.7m
- Full hydraulic power steering system

NEW



TRACTOR



RK Series Tractor (40-70HP)

ADVANTAGES:

- Four Wheel drive
- 40/45/50/55/70 HP, Euro 5 engine as option
- 12F+12R Meshing sleeve gearshift/synchronized shift(Euro 5)
- Enhanced waterproof front axle
- 325mm ground clearance
- 4.3m Steering radius
- Hydraulic-driven steering system
- The rear track adjustable

TE 100 Combine Harvester (190HP)

ADVANTAGES:

- 190HP high pressure common rail engine
- Feeding capacity 10kg/s
- Can harvest corn, sorghum and other crops
- Single longitudinal axial flow threshing unit
- Hydrostatic drive travel system
- Multi-functional mono-lever control
- Luxury AC cab, more comfortable operation

HARVESTER



FH Series Combine Harvester (88-110HP)

ADVANTAGES:

- 88/100/110 HP four cylinder turbocharged engine with 20% torque reserve
- Feeding capacity 4kg/s
- 2/2.2/2.4m header, feeding speed of 487.3rpm
- 45HST+high-strength 85 gearbox
- High ground clearance, better to pass the mud field
- Longitudinal axial threshing cylinder
- Corn header and kit as option



TF 120 Combine Harvester (260HP)

ADVANTAGES:

- 260 HP engine, High fuel economy
- Feeding capacity 12kg/s
- Double longitudinal axial flow threshing and separation drum
- Chassis of hydraulic time-sharing 4WD technology
- Exclusive twin rotor technology
- Open grain tank
- 5200mm cutting header



AC 60 Series Sugarcane Harvester (190-210HP)

ADVANTAGES:

- Over 1.2m row spacing
- Feeding capacity 6kg/s
- 190/204/210 HP Six cylinder engine (optional cummins)
- New conveying arm, support quick disassembly on bending
- Automatic variable-diameter conveying technology
- Luxury AC cab, High degree of automation



HARVESTER

AC 90 Series Sugarcane Harvester (408HP)

ADVANTAGES:

- 408 HP Euro II Cummins engine
- Feeding capacity 9kg/s
- Suitable for single and double row
- maximum 5.2m cutting height
- Pure working efficiency $\geq 50t/h$
- Double Cleaning system: primary +secondary extractor
- Automatic variable-diameter conveying technology
- Luxury AC cab, High degree of automation



AS 60 Series Sugarcane Harvester (230HP)

ADVANTAGES:

- Crawler walking for muddy and swampy land
- Over 1.5m row spacing
- Feeding capacity 6kg/s
- 230HP high pressure common rail Cummins engine
- 360° in-situ rotation, easy for steering
- Three-section conveying arm
- Automatic variable-diameter conveying technology
- Luxury AC cab, High degree of automation



9YF Series Baler

ADVANTAGES:

- Enlarged feed chamber,with multi mechanism adjusting straw bale compactness
- Intermediate enhanced traction frame
- The low flat spring tooth floating type wide cut pickup
- Heavy D type knot-tying device from Lasbury(Germany) features with high baling rates
- Three-stage sealing and dustproof high-end bearing
- Mesh type rack dust extraction baseplate



DC Series Grain Dryer

ADVANTAGES:

- 10/12/15/30T Optional specifications
- Applicable to dry various cereals
- Low-speed delivery device
- Intelligent electric control cabinet
- Advanced thin-layer cross-flow drying process
- Capable of matching biomass particles or rice husk heat sources



NEW

GL Series Orchard Harvester

ADVANTAGES:

- Optional diesel power or lithium battery power
- Adapt to harvesting spherical fruits,with a diameter of 50-90 mm
- The suitable tree row spacing is 3000-4400mm
- The minimum working width is 1660mm
- The working efficiency is six times that of manual work
- Adopt belt conveyor,with small fruit damage



DRYING MACHINERY

ZOOMLION MINING MACHINERY DIVISION INTRODUCTION

Zoomlion Mining Machinery Business Division is an important industrial sector of Zoomlion for strategic development and has established a state-level technology center. In 1987, the "Project of Complete Equipment for Open-pit Mine with An Annual Output of 10 Million Tons" was awarded the Major Technical Equipment Award by the State Council. In 2012, Zoomlion independently developed the largest hydraulic excavator ZE3000ELS in China. The appearance of this product laid zoomlion's leading position in the field of mining machinery and equipment research and development.

Thanks to an overall scientific research advantage, the state-level enterprise technology center, state key laboratory, national engineering technology research center, central R&D center, and R&D center of various business divisions have worked closely and made great innovations for over ten years. At present, Zoomlion mining machinery products cover mining drills with a borehole diameter of 76-152 mm, 70-230t mining excavators, 70-230t mining dump trucks, 160-320 hp crawler bulldozers, 40 m³ mining water sprayers, whole series of crushing equipment, machine made sand and stone systems, and material handling systems. As a result, Zoomlion can provide customers complete set of open-pit mining equipment capable of drilling, excavation, transportation, and crushing.

Adhering to the quality policy of "A Good Model of Quality Made by Zoomlion", Zoomlion boasts strict quality management procedures, standardized performance testing ground as well as advanced quality testing equipment and experimental means, and ensures the performance and quality of products through a perfect product quality assurance system.

Mining Truck

ZT series



High efficiency and agility

The high-horsepower engine that meets Euro III emission standards features strong power, energy conservation, and environmental protection. The new high-load axles as well as the large vibration-absorbing and abrasion resistant cargo compartment ensure high bearing capacity and transport efficiency. The reinforced special mining gearbox supports full hydraulic steering and hydro-pneumatic suspension, making the operation more agile.

Safety and reliability

The double-circuit brake, JACOB brake, and hydraulic retarder improve safety and reliability. The special engineering tires are strong and durable with a long service life.

Comfort and convenience

With a professional mining cab and multi-functional electrical instrument panel, the operation comfort is improved. The reasonable maintenance layout allows more convenient servicing.

ZE series

High reliability

The design life of main structural parts under mining working condition exceeds 30,000h.

High efficiency and low consumption

The advanced electrical control system optimizes power matching, thus increasing efficiency by 10% and reducing fuel consumption by 10%.

One-step maintenance design

The centralized layout of maintenance points shortens the maintenance time. The use of long-life hydraulic oil prolongs maintenance cycle and reduces cost.



Mobile Crusher

Zoomlion provides a full range of mobile crushers that are used in various applications like crushers of mine rocks and ores, processing of aggregated rocks, treatment of slags, regeneration and crushers of construction waste, etc. The products include a variety of jaw type, impact type, cone type, and vertical shaft impact type mobile crushers and mobile screens.



Material Handling Equipment



Zoomlion can design and manufacture large stacker-reclaimers of various specifications with a processing capacity of 200-12000 t/h and a slewing radius of 20-60 m, including bucket-wheel stacker-reclaimers, scraper stacker-reclaimers, blending stacker-reclaimers, stacker-reclaimers for circular yard, etc.