

HEAVY DUTY LIFTING EQUIPMENT-ZOOMLION BRAND

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TRUCK CRANE QY35V

Zoomlion truck crane QY35v Complied with EN13000 Standard 2010; passed TUV CE certificate, it adopts the latest hydraulic proportional change valves as well as a four-gear pump system which incorporates a load feedback function and is equipped with US Cummins Engine QSC 260, safety devices such as overflow valves, balance valves, hydraulic locks and brake valves, etc.

TRUCK CRANE ZTC350

General three-axle chassis (Benz), four-section U-shape boom (9.7m~30.4m), two-section drawabe jig ((9m, 15m)), maximum lifting capacity of 35.5 tons, lifting boom stretched and retracted by single oil cylinder plus steel rope, superstructure engine (Benz) provided.

The crane applies the Benz general chassis, making it much more in line with the requirements specified by relevant European Road Provisions. Parts and components enjoy proper generality and lower follow-up cost for maintenance.

The crane is equipped with independent small-displacement engine, which not only satisfies the operating power requirements under each condition but also further reduces the complete vehicle energy consumption ratio.

The application of X-shape outrigger enlarges the operating span and enables the lifting operation within 360°.

As per the European Emission Standards, Road Provisions and CE Requirements.

TRUCK CRANE ZTC600

General four-axle chassis (Benz), five-section U-shape boom (10.7m~40.5m), two-section drawabe jib ((9.5m, 16m)), maximum lifting capacity of 60 tons, lifting boom stretched and retracted by double oil cylinders plus steel rope, superstructure engine (Benz) provided.

The crane applies the Benz general chassis, making it much more in line with the requirements specified by relevant European Road Provisions. Parts and components enjoy proper generality and lower follow-up cost for maintenance.

The crane is equipped with independent small-displacement engine, which not only satisfies the operating power requirements under each condition but also further reduces the complete vehicle energy consumption ratio.

The application of X-shape outrigger enlarges the operating span and enables the lifting operation within 360°.

As per the European Emission Standards, Road Provisions and CE Requirements.

All-Terrain truck crane QAY260

ZOOMLION has achieved significant breakthrough on many aspects of all-terrain truck technology and formed own featured key technology.

The 7-section boom with optimized oviform boom profile makes the stress distribute more evenly and is of a particular inherent stability against deflection and torsion.

Outstanding boom technology: patented automatic telescoping system provides an outstanding flexibility in controlling the various telescoping boom lengths. The most suitable boom configuration can be preselected dependent on the job requirements. Advanced internal interlocking system of the telescopes is of extremely light weight and functional reliability, needing small installation space. The overload protection controlled by PLC, guarantees the engine not to shut down and reduces fuel consumption. The Intellectual control system assists the boom to telescope to the desired length by touching one key in automatic telescope mode, and monitors the crane status at any time on the display. This machine has a diagnostic system to visualize the allocation of the individual sensors and actuators of the system and their functions even during crane operation.

The occurring errors are indicated by error descriptions on the display screen, and troubleshooting becomes a matter of seconds. Hydro-pneumatic suspension system: comparing with leaf-spring suspension, gives good cushioning performance and manoeuvrability, adapted to all kinds of road conditions. Variable steering modes: variable steering concept with “active rear-axle steering” provides “Crab steering”, thus increasing the crane’s flexibility in narrow space.

Crawler crane QUY80

In the last several years, with the booming market in china, ZOOMLION crawler crane has considerably developed and formed the 50-600 t saturated product spectrum.

As a typical example of the light-duty crawler crane in China. The Zoomlion QUY80 crawler crane is a developed product with high reliability. The crane boasts such important innovations as electrical management system, CAN bus technology and fault diagnostic system as well as digital color display. The starting time of brakes and balance valves for all winches can be adjusted at will, which makes the optimal matching effect available. Due to the application of advanced PLC controller, every working speed can be set faster or slower within specified range as you like by adjusting the corresponding parameter. The slewing mechanism has controllable free swing function which can reduce the impacts on the crane and ensure that the slewing motion can be initiated /stopped more stably. The internal-gearred slewing ring and slewing reducer built in the crane are of strong load-carrying capacity and high accuracy, which can ensure stable and accurate slewing motion. The travelling mechanism can perform such movements as travelling straight ahead/backwards, turning with a crawler, differential steering, turning on spot, travelling with loads. This kind of design enables the crane to have high manoeuvrability. The crawler crane QUY80 has acquired a reputation as a high performer product due to its high working efficiency and outstanding load capacity.

Earthmoving equipment-ZOOMLION BRAND

ZOOMLION excavator was certificated by ISO9001 and a quality control system is established strictly for it in accordance with ISO9001. ZOOMLION is also the excavator manufacturer that fully supported by the state concerning the technique innovation during the "Ninth Five-Year Plan"

Zoomlion excavator ZE60E

The power adopts the imported Yanma 4TNV94L-SFN engine, which adopts latest technology of Yanma so as to effectively reduce noise and vibration, with performance of high efficiency, energy-saving, reliable and durable. This engine is main configuration for small excavators. Engine accessories such as fuel filter and air filter etc. are first-class brand products, with stable and reliable quality. The radiator has advanced radiator structure and strong heat dissipation capacity so as to facilitate maintenance.

The hydraulic system adopts products of well-known brands (e.g. KYB), with advanced and mature hydraulic technology and wide application scope. The system is stable and reliable with excellent operation and control performance, which provides reliable guarantee for realizing high working efficiency.

Zoomlion excavator ZE85E

It adopts imported Cummins B3.3 engine, which has high reliability, high efficiency, low fuel consumption, low noise and low vibration. Fuel filling system is convenient for fuel filling and is additionally equipped with a fuel filter so as to make sure safe and reliable.

The hydraulic system adopts products of well-known brands (e.g. Rexroth), with advanced and mature hydraulic technology and wide application scope. The system is stable and reliable with excellent operation and control performance, which provides reliable guarantee for realizing high working efficiency.

It has low fuel consumption and low maintenance cost. The spare parts used are relatively few, and maintenance and replacement cost as well as accessories cost are relatively low due to high-level configuration and long maintenance period.

Zoomlion excavator ZE210E

It is equipped with imported Cummins B5.9-C engine, which has characteristics of super strong power, large torque, high reliability, low fuel consumption and low pollution. The engine adopts integrated cylinder block, which has 40% fewer quantity of components and parts than that of the same engine type so as to greatly reduce fault rate. Engine accessories such as fuel filter and air filter etc. are first-class brand products, with stable and reliable quality. The radiator has advanced radiator structure and strong heat dissipation capacity so as to facilitate maintenance.

Hydraulic elements such as main pump, main valve, rotary motor, and pilot control valve etc. adopt products of well-known brands (e.g. Kawasaki), with advanced and mature hydraulic technology and wide application scope. The system is stable and reliable with excellent operation and control performance, which provides reliable guarantee for realizing high working efficiency.

It has low fuel consumption and low maintenance cost. The spare parts used are relatively few, and maintenance and replacement cost as well as accessories costs are relatively low due to high-level configuration and long maintenance period.

Zoomlion excavator ZE230E-9

It adopts the imported Cummins engine, which meets the emission standard of stageIIIA and has characteristics of super strong power, large torque, high reliability, low fuel consumption and low pollution. The engine adopts integrated cylinder block, which has 40% fewer quantity of components and parts than

that of the same engine type so as to greatly reduce fault rate. Engine accessories such as fuel filter and air filter etc. are first-class brand products, with stable and reliable quality. The radiator has advanced radiator structure and strong heat dissipation capacity so as to facilitate maintenance.

Hydraulic elements such as main pump, main valve, rotary motor, and pilot control valve etc. adopt products of well-known brands (e.g. Kawasaki), with advanced and mature hydraulic technology and wide application scope. The system is stable and reliable with excellent operation and control performance, which provides reliable guarantee for realizing high working efficiency.

Zoomlion excavator ZE260E

It adopts the imported Cummins B5.9-C engine, which has characteristics of super strong power, large torque, high reliability, low fuel consumption and low pollution. The engine adopts integrated cylinder block, which has 40% fewer quantity of components and parts than that of the same engine type so as to greatly reduce fault rate. Engine accessories such as fuel filter and air filter etc. are first-class brand products, with stable and reliable quality. The radiator has advanced radiator structure and strong heat dissipation capacity so as to facilitate maintenance. Fuel filling system is convenient for fuel filling and is additionally equipped with a fuel filter so as to make sure safe and reliable.

Hydraulic elements such as main pump, main valve, rotary motor, and pilot control valve etc. adopt products of well-known brands (e.g. Kawasaki), with advanced and mature hydraulic technology and wide application scope. The system is stable and reliable with excellent operation and control performance, which provides reliable guarantee for realizing high working efficiency.

Zoomlion excavator ZE360E

It adopts the imported Cummins 6C8.3 engine, which has characteristics of super strong power, large torque, high reliability, low fuel consumption and low pollution. Engine accessories such as fuel filter and air filter etc. are first-class brand products, with stable and reliable quality. The radiator has advanced radiator structure and strong heat dissipation capacity so as to facilitate maintenance.

Hydraulic elements such as main pump, main valve, rotary motor, and pilot control valve etc. adopt products of well-known brands (e.g. Kawasaki), with advanced and mature hydraulic technology and wide application scope. The system is stable and reliable with excellent operation and control performance, which provides reliable guarantee for realizing high working efficiency.

Boom and bucket arm are designed in a reinforced form, where thickening plate is used in high stress area, welded clashboard is used at middle position for reinforcing and high performance cast steel is used at key positions so as to reduce stress concentration. Wear-resisting plate is added at the bottom of bucket, which protects welding position and simultaneously improves durability. The outer surface of pin is treated with chromate finish, which improves surface hardness, greatly prolongs service life and reduces cost. Copper-based powder self-lubricating lining is adopted at large load positions so as to extend fuel filling period. Oily resin spacer is adopted, which reduces abrasion of structural component base, and greatly reduces noise. Tolerance clearance between shaft sleeve and hinge pin is reduced which can reduce vibration of the machine.

Zoomlion excavator ZE480E

It adopts the imported Cummins QSM11 engine, which has characteristics of super strong power, large torque, high reliability, low fuel consumption and low pollution. Engine accessories such as fuel filter and air filter etc. are first-class brand products, with stable and reliable quality. The radiator has advanced radiator structure and strong heat dissipation capacity so as to facilitate maintenance.

Hydraulic elements such as main pump, main valve, rotary motor, and pilot control valve etc. adopt products of well-known brands (e.g. Kawasaki), with advanced and mature hydraulic technology and wide application scope. The system is stable and reliable with excellent operation and control performance, which provides reliable guarantee for realizing high working efficiency.

Crawler frame adopts a structure with characteristics of anti-twisting and good passing ability. The size of casing is enlarged, which improves overall strength and quality. Proper track length on ground is adopted so as to ensure bearing capacity as well as safe and reliable construction.

The cab has a large space and wide field of view. The floor frame adopts multipoint supporting structure, which greatly reduces vibration transmitted by the machine.

Zoomlion bulldozer ZD160-3

ZD160-3 bulldozer is a new type bulldozer with medium and small horsepower manufactured by Zoomlion. Various working devices can be equipped according to users' needs; meanwhile, the superior cost performance ratio allows a much wider application scope of this model.

The power of the machine adopts WD10G178E25 diesel engine manufactured by Weichai Power Company Limited, which has a strong power. Turbo supercharger is equipped on this machine to ensure that no

adjustment is needed when operating on plateau below 3,000 m.

International prevalent toggle type control is adopted to integrate handles for steering brake, gear shifting mechanism, and hand throttle control etc. on the left-hand side, and control handles for dozer blade and scarifier on the right-hand side. The overall arrangement for the complete machine is more conformable to ergonomics, which can greatly improve the handling comfort.

Zoomlion bulldozer ZD220-3

This product is a crawler dozer with modern advanced level, which is developed by our company on the basis of introduced technology, and combined with more than 30 years of production experience and international latest technology in the bulldozer industry.

This machine adopts Chongqing Cummins NT855-C280 engine, which has perfect after-sales service system all over the world, with the performance of high reliability, long service life, low fuel consumption, and low noise, and is equipped with a turbo supercharger. The rated output power can be ensured to be constant even when operating on plateau 3,000 m.

International prevalent toggle type control is adopted to integrate handles for steering brake, gear shifting mechanism, and hand throttle control etc. on the left-hand side, and control handles for raising and inclining of scraper blade as well as raising of scarifier on the right-hand side. The design of handles is exquisite and beautiful and the overall arrangement for the complete machine is more conformable to ergonomics. It adopts hydraulic steering attached with combined brake mechanism.

Zoomlion bulldozer ZD320-5

It is a product developed by our company on the basis of introduced technology. This machine has a stable quality, which has been widely recognized by domestic and overseas users, and has passed complete machine certification of TUV Rheinland Company.

This machine adopts Chongqing Cummins NTA855-C360 engine, which has perfect after-sales service system all over the world, with the performance of high reliability, long service life, low fuel consumption, and low noise, and is equipped with a turbo supercharger, dry type secondary air filter, dust indicator, secondary oil filter and oil-water separator. The rated output power can be ensured to be constant even when operating on plateau of 3,000 m or under high temperature environment.

International prevalent toggle type control is adopted to integrate handles for steering brake, gear shifting mechanism, and hand throttle control etc. on the left-hand side, and control handles for raising and inclining of scraper blade as well as raising of scarifier on the right-hand side. The design of handles is exquisite and beautiful and the overall arrangement for the complete machine is more conformable to ergonomics. It adopts hydraulic steering attached with combined brake mechanism.

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