

XCMG FOR YOUR SUCCESS

XE150WD

Wheel Excavator

Operation weight: 14,000kg

Rated power: 104kw/2,000rpm

Bucket capacity: 0.58m³



The cab interior light and boom light are fitted as standard and greatly improve safety at night.

Transmission shift is controlled by solenoid valve, with the characteristics of rapid feedback and smooth shift; Box bridge integrated braking system, in order to ensure safety and minimize vehicle vibration, effectively improve the braking stability.

Patented parallel dozer blade and auxiliary outrigger design. Parallel moving dozer blade design, improve the stability of machine support and cutting soil movement; The lower edge of the outrigger bottom plate and dozer blade in contact with the ground is wider to prevent damage to the road surface; The outrigger and dozer blade oil cylinder are protected, and the high strength oil cylinder protection plate is added.

The arm and boom hinge joint positions are using forging design, which extend the service life of the arm. The thickness of shaft hole support, rocker and other positions in the end of arm are increased to improve the durability of components.

Bucket cutting plate adopts special wear-resisting steel plate, suitable for heavy duty operation requirements, with wear-resisting bucket teeth, side teeth, prolong the service life of the product. Using thickened steel plate and increase side reinforcement plate to improve wear resistance.

Integrated transmission and rear axle improves the trafficability, durable and efficient transmission and rear axle provides the machine with super walking ability.



Applicable working conditions

It is widely used in urban water supply, municipalities, pipeline maintenance projects, civil engineering, industrial material loading and unloading, tunnel excavations, water conservancy projects, urban demolition and other earthwork construction.

More energy-saving and environmentally friendly

Lower fuel consumption with proven and low-maintenance engine.

The XE150WD adopts an efficient direct injection engine to deliver steady and powerful power output at low RPM. Strong torque to meet hydraulic system requirements and achieve faster working cycle. The engine uses in-cylinder direct injection technology to produce a softer and more thorough combustion of fuel, meeting environmental emission requirements without the use of exhaust gas recycling (EGR) and post-treatment (DPF). Integral cylinder increases displacement, low friction power loss, stronger structure, lower noise.



Auto Idle

The XE150WD wheel excavator comes standard with auto-idle function to save fuel.

Low noise design

High static low speed fan reduces additional fuel consumption and noise levels while improving cooling performance. More environment-friendly, fully qualified for the harsh requirements of urban construction.

More Efficient Return

XE150WD wheel excavator is capable of heavy construction tasks, with its efficient and reliable performance, saving your time and money. With a combination of good digging power, easy operation and speed, the machine can be efficiently put into daily operation. The compact power hydraulic system and improved fuel efficiency mean an intuitive reduction in maintenance costs and reduced environmental impact.

Power system:

Wheel excavator exclusive efficient direct injection engine; Strong power, high degree of generalization of spare parts, low comprehensive maintenance cost; Perfect match to hydraulic system parts and design.

Digging force:

First-class digging force of the same level, fully competent for complex construction conditions;

Production efficiency:

It can provide configuration options of single boom and double boom (two kinds of construction working devices), and a variety of optional working tools, which can realize the maximum utilization rate of equipment;

Excellent driving performance:

Can provide high/low speed forward gear, reverse gear, adapt to complex terrain;

Design parameters:

Ideal dimensions and working parameters, meet the requirements of transportation, driving and construction.



The centrally designed control switch on the right hand side allows you to control the machine more quickly.

Designed with dual positioning slides, you can independently adjust the seat to the optimal maneuvering position; you can also adjust the entire seat assembly to allow the legs to operate the control pedals in the most comfortable position.

The adjustable steering column incorporates driving-related switches and levers for safer and more convenient driving.

The cab floor is equipped with the latest generation of silicone rubber shock absorption system, which can effectively filter the shock and vibration transmitted to the cab.

Ample storage space allows you to store more personal belongings, and the multi-point storage design keeps your personal belongings within easy reach. Heat/order storage box provides you with more intimate protection.



One-stop maintenance design

Routine inspection and maintenance of engine components can be easily achieved from the top and side

Radiators and filters are positioned to be easily cleaned and replaced, making routine maintenance easier.

Diesel filling pump configuration for easier fuel filling (optional)



High precision oil return filter

A high precision glass fibre material is used in return oil filter to protect the cleanliness of the hydraulic system. It can filter more than 99.5% of particulate impurities to extend the service life.

For diversified construction conditions,we provide customers with

Multifunctional equipment with reliable quality and advanced performance

Greatly expanding the functions and fully extending the operation scope of the excavator, continuously to create more value and super high profit for you

Side jack hammer



Application:
Cement road and concrete fragmentation, building demolition

Olecranon shear



Application:
Dismantling of scrapped and heavy vehicles, steel structures such as steel plants, metals, ships, and bridges

Compactor



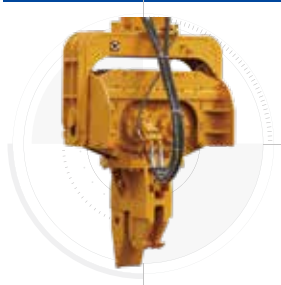
Application:
Highway slope protection, Consolidation of dams and ditches

Quick coupler



Application:
Quickly coupled with XCMG diversified attachments

Pile driver



Application:
Medium and short pile projects for bridges, cofferdams wharfs and deep foundation pit support

Orange peel grab



Application:
Loading and dumping of irregular and bulky materials such as scrap iron, pig iron, ore, garbage, etc

Pulverizer



Application:
Secondary crushing of concrete and separation of steel and concrete

Double cylinder shear



Application:
Abandoned factory buildings, cardismantling and other projects

Hydraulic grapple



Application:
Special equipment for loading and dumping wood and stone

Hydraulic pilers



Application:
Grabbing of construction waste, stone, wood and other materials

Hydraulic shear

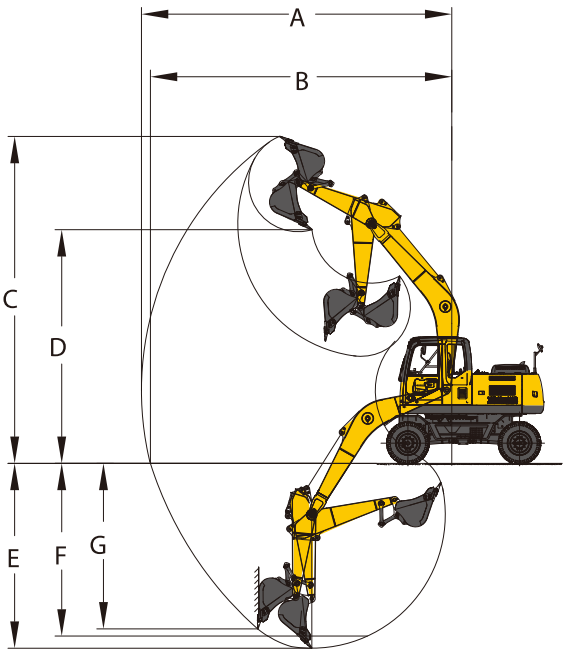


Application:
Special equipment for dismantling scrapped cars and renewable resources

Top side hammer



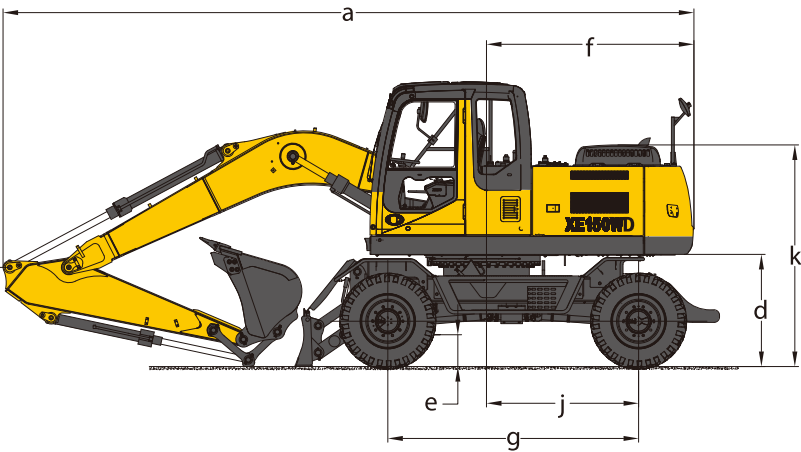
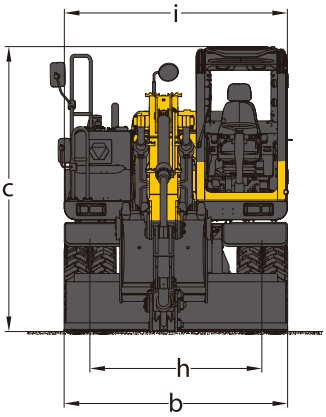
Application:
Mines, road crushing, municipal garden renovation, building demolition, reinforced concrete crushing, etc



Working range			
A	Maximum digging reach	mm	7,780
B	Maximum ground digging radius	mm	7,570
C	Maximum digging height	mm	8,190
D	Maximum dumping height	mm	5,855
E	Maximum digging depth	mm	4,630
F	Maximum depth cut for 8 ft level bottom	mm	4,325
G	Maximum vertical wall digging depth	mm	4,135

Appearance size			
a	Overall length	mm	7,714
b	Overall width	mm	2,495
c	Overall height	mm	3,180
d	Counterweight clearance	mm	1,252
e	Minimum ground clearance	mm	380
f	Minimum tail swing radius	mm	2,316
g	Wheel base	mm	2,800

Appearance size			
h	Tread width	mm	296×2
i	Width of platform	mm	2,490
j	The distance from front axle to the rotary center	mm	1,700
k	Engine hood height	mm	2,474



Product Mode	Unite	XE150WD
Operating weight	kg	14,000
Bucket capacity	m³	0.58
Engine		
Model	/	QSB4.5
Direct injection	/	√
Four strokes	/	√
Water cooled	/	√
Turbocharged	/	√
Air to air intercooler	/	√
Number of cylinders	/	4
Rated power/speed	kW/rpm	104/2,000
Maximum torque/speed	N.m	586/1,500
Piston displacement	L	4.5
Main performance		
Travel speed（H/L）	km/h	35/11
Swing speed	r/min	12
Gradeability	°	≤35
Ground pressure	kPa	/
Bucket digging force	kN	95
Arm digging force	kN	72
Maximum tractive force	kN	77

Product Mode	Unite	XE150WD
Oil Capacity		
Fuel tank capacity	L	250
Hydraulic tank capacity	L	135
Engine oil capacity	L	11
Hydraulic system		
Pressure of prime valve	MPa	313
Travel system pressure	MPa	313
Swing system pressure	MPa	250
Pilot system pressure	MPa	39
Standard		
Length of boom	mm	4,600
Length of arm	mm	2,100
Bucket capacity	m³	0.58
Optional		
Length of boom	mm	/
Length of arm	mm	2,500
Bucket capacity	m³	0.24-0.70

Equipment name		Ⓢ- Optional	
Oil-water separator with heating	Ⓢ	Fire extinguisher	Ⓢ
Oil-water quick drainage device	Ⓢ	Emergency stop switch	Ⓢ
Fuel filling pump 50L/min	Ⓢ	Roll-over Protection structure (ROPS)	Ⓢ
Fuel fast filling system	Ⓢ	Auxiliary outrigger	Ⓢ
Hydraulic line: Breaking hammer	Ⓢ	Optional bucket 0.76m³ (0.24,0.39,0.42,0.45,0.51,0.64,)	Ⓢ
Additional oil return filter and pressure stabilization device	Ⓢ	Quick coupler	Ⓢ
Hydraulic oil ISOVG32,68	Ⓢ	Camera	Ⓢ
Air suspension seat with heating	Ⓢ	Cab-mounted work light	Ⓢ
Double laminated windscreens and other toughened windows	Ⓢ	Electric centralized lubrication	Ⓢ
Retractable safety belt (51mm [2"])	Ⓢ	Headlight taillight	Ⓢ
Falling Object Protection Structure (FOPS)	Ⓢ		
On-board oxygen supply device	Ⓢ		

Equipment name		√- Standard	
Engine		Cab and interior	
Engine model	QSB4.5	Fully adjustable mechanical suspension seat	√
Emission levels	Stage III	Safety belt（51mm[2"]）	√
Automatic preheating	√	Openable front windscreen	√
Oil-water separator with water level indication sensor	√	Front windshield divided by 70/30 ratio	√
Radial seal air cleaner	√	Sliding upper window of door	√
Radiator	√	Wiper and washer	√
Fuel marker	√	Multi-functional colour LCD display	√
Electronic fuel speed control	√	Control handle	√
Hydraulic system		Two stereo speakers	√
Boom/arm flow regeneration	√	Beverage cup holder	√
Auxiliary hydraulic valve	√	Coat hook	√
Reverse rotary damping valve	√	Openable top hatch	√
Automatic rotary parking brake	√	Washable floor mat	√
Hydraulic buffer valve	√	Air conditioning system	√
Boom priority valve	√	High and low speed shifting	√
Rotary logic valve	√	Cruise control	√
Hydraulic oil ISOVG46	√	One-touch power boost mode	√
Rotary anti-sway valve	√	Reserved switch of attachments	√
Gauge pressure monitoring	√	Sliding front window	√
Safety configurations		Cab interior lighting	√
Cab door lock and locks of compartments	√	Intermittent multi-speed wiper	√
Alarm horn	√	Storage Box	√
Rear view mirror	√	Easy-to-clean floor	√
Isolation plate between engine and oil pump compartment	√	Cigarette lighter/backup power	√
Rear window emergency exit	√	Cup holder/File pocket	√
Battery switch	√	Cold and warm storage box	√
Retaining valves of boom and arm	√	LCD monitor	√
Retaining valve of dozer blade	√	Adjustable steering column	√
Overheat alarm mode	√	Radio	√
Safety handrails and pedals	√	Interior rearview mirror	√
Rotating alarm light	√	Undercarriage system	
Anti-slip plate/anti-slip sticker	√	Powershift gearbox	√
Hydraulic safety locking lever	√	Tyre mudguard	√
Emergency hammer	√	Underframe traction ring	√
Left and right rear view mirrors	√	Toolbox with lock	√
rear view mirror of counterweight	√	Protection kit: Transition shaft guards	√
Front working light	√	Dozer blade	√
Driving light/reflector	√	Bucket holder	√
Park auto block	√	Double tyre 10.00-20-16PR	√
Anti-sway pin of parking cab	√	Front axle oscillation lock mode	√
Buzzer (according to national requirements)	√	Buffer cylinder	√
Electrical systems		Lights	
Battery 2×750 CCA	√	Work lights on left and right booms	√
Alternator 24V 70A	√	Side turn light	√
Starting motor 24V 4.8KW	√	Licence plate light	√
Reversing buzzer	√	Rotating alarm light	√
Cigarette lighter 24V	√		
Working device			
Bucket 0.58m³	√		

√- Standard ⊙- Optional

√- Standard Ⓢ- Optional

