

# XCMG Hydraulic Excavator

XE200 I



# Hydraulic Excavator - XE200 I



International famous brand engine is made of XCMG proprietary technology. It features low speed and high torque, high pressure injection, stronger power and better fuel economy which can meet all application requirements. It combines proven, durable components and precise manufacturing processes. It has higher reliability and efficiency.

XCMG exclusive control system has the latest power matching technology with optimized fuel power curve that can accurately match the engine and hydraulic system which helps to achieve greater efficiency and better fuel-saving ability.



XCMG high-efficiency hydraulic system is the new generation high-efficiency main valve that has advantages of higher overflow pressure and smaller pressure loss. The internal structure of the main valve is further optimized, reducing the impact of arm start/stop, boom start/stop which greatly improves the maneuverability and working ability.



Strengthened high-capacity bucket has the bucket capacity increased to 1.0 m<sup>3</sup> which has higher operational efficiency.



Air filter



New cab features large view and lower noise that makes it more comfortable to operate and for the surrounding personnel.

With a grand appearance, steady lines, simple and generous new painting, high recognition, the whole machine is powerful with three-dimensional sense and impressive.

Maintenance points are within easy reach, making the service convenient and fast for

- Engine filter elements.
- Diesel oil filter element.
- Warning device of water separator warns users to drain water.
- Pilot filter element.
- Integrated electric box.
- Air filter.



New instrument is easy to operate, anti-dazzling and more fashionable.



Warning device of water separator warns users to drain water.

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- Highly reliable turntable, rigid box structure, robot welding has helped to improve the durability of structural parts.
- Highly reliable working equipment optimizes the design of boom and arm box structure though CAE analysis to form XCMG exclusive technology.

The cab and overall shock absorption performance is improved and the engine mounting seat structure is strengthened.

The rigid structure of I-beam is adopted in the main body making the vehicle strong.

The side beam of turntable adopts D-tube structure to improve the ability of turntable to resist external impact.

Four reinforcement bars are added to the inner wall of the hydraulic tank and the diaphragm increase enhances the overall strength of the tank, preventing fatigue cracking.

The dovetail design is adopted at the root of the boom to reduce stress concentration.





A new T-type sleeve bearing is used at the joint of the bucket and arm to improve wear resistance.

Stress distribution of casting single connecting rod is optimized in an all-round way to improve reliability.

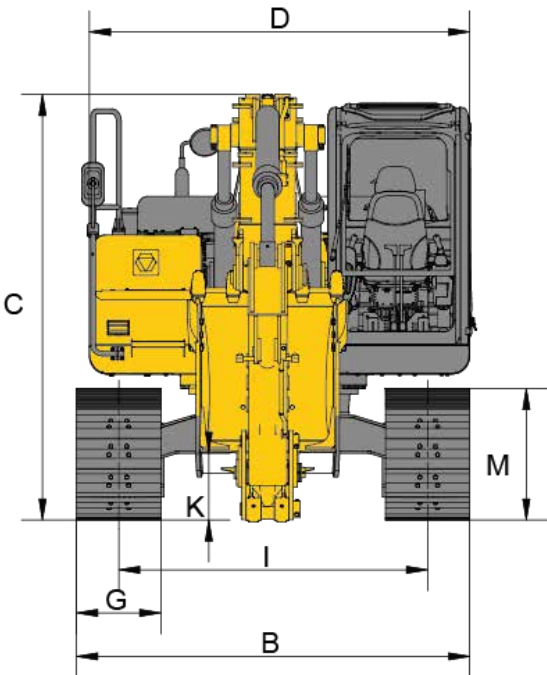
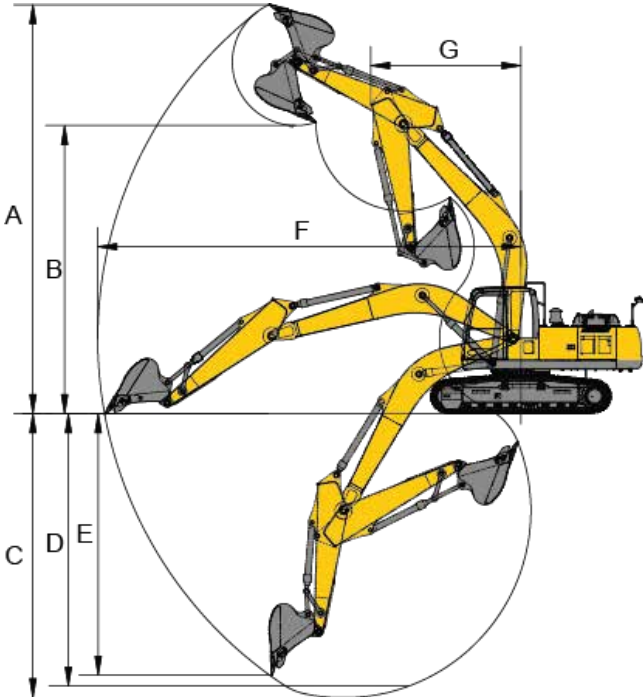
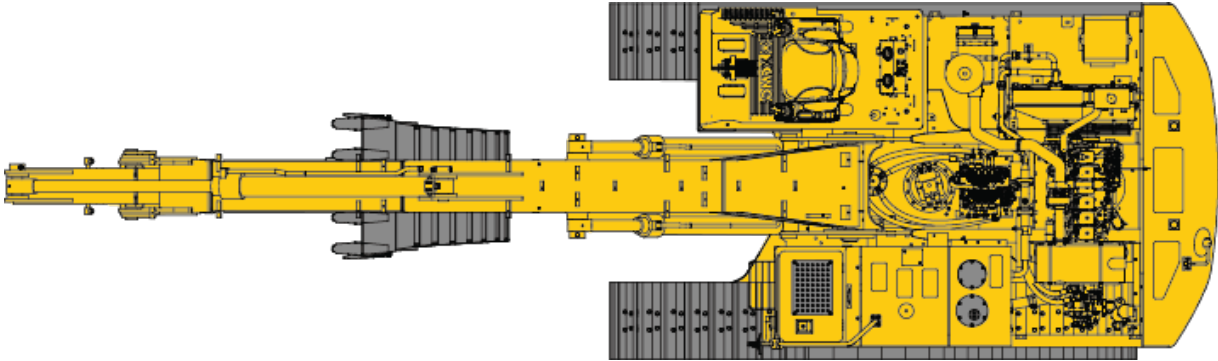
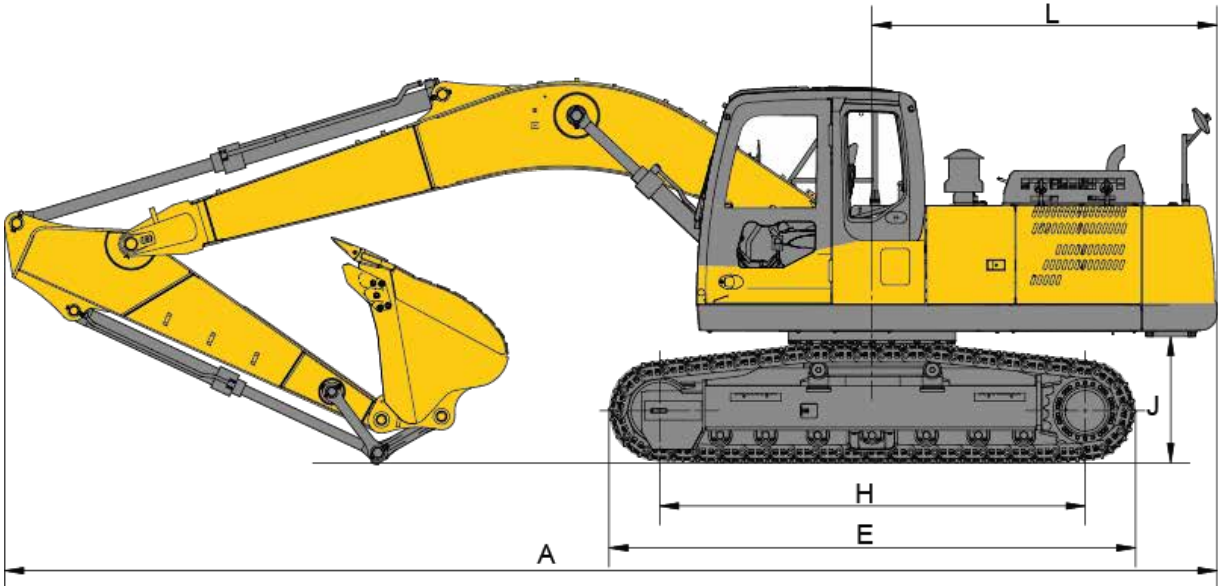
Strength of ear plate and arc plate is further strengthened which prolongs the service life of the plate.

New bucket improves excavation performance and wear resistance.

Boom and arm axle seat adopts forged axle base, which is tempered to increase wear resistance.

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Overall dimensions (mm)




## Main Technical Parameters

	Parameter	Unit	Value
Scope of work	A Maximum digging height	mm	9245
	B Maximum dunning height	mm	6440
	C Maximum digging depth	mm	6192
	D Maximum depth cut for 2240mm(8 ft) level bottom	mm	5970
	E Maximum vertical digging depth	mm	5575
	F Maximum digging radius	mm	9440
	G Minimum swing radius	mm	3515
Shape/dimensions	A Total length	mm	9582
	B Total width	mm	2800
	C Total height	mm	3034
	D Width of platform	mm	2710
	E Crawler length	mm	4170
	F Overall width of chassis	mm	2800
	G Track width	mm	600
	H Length to center of rollers	mm	3370
	I Track gauge	mm	2200
	J Counterweight clearance	mm	1046
	K Minimum ground clearance	mm	477
	L Minimum tail swing radius	mm	2750
	M Track height	mm	937
Engine	Model of engine		6BT5.9
	Direct injection		√
	Four strokes		√
	Water cooling		√
	Turbocharging		√
	Air-air intercooler		√
	Number of cylinders		6
	Engine rated power	kw/rpm	104/2000
	Max. torque/rotation speed	N.m/rpm	571/1300
	Displacement	L	5.88
Main performance	Travel speed	km/h	5.2/2.8
	Swing speed	r/min	12.2
	Gradeability	Deg	≤35
	Ground pressure	kPa	48.6
	Bucket digging force	kN	150
	Arm digging force	kN	131
	Max. traction	kN	184
Hydraulic system	Main pump		
	Rated main pump flow	L/min	2×220
	Main safety valve pressure	MPa	34.3/37
	Traveling system pressure	MPa	34.3
	Slewing system pressure	MPa	28
Fuel capacity	Pilot system pressure	MPa	3.9
	Fuel tank capacity	L	320
	Hydraulic oil tank capacity	L	220
	Engine oil capacity	L	16

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-  Sales Office
-  Resident Engineer
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-  Service Centre with Spares Depot
-  Dealership Support
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An ISO 9001 : 2015 Company

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