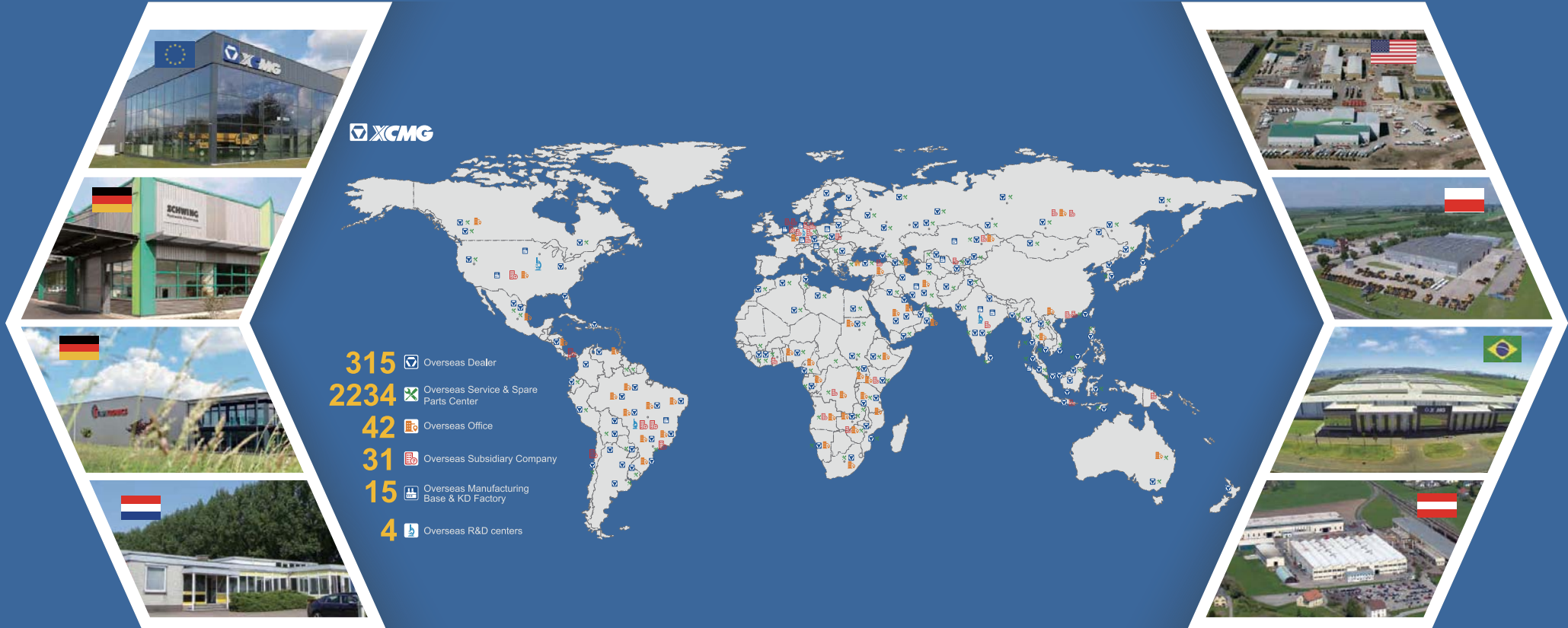


Boom Truck Crane XCT60_U



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INTRODUCTION OF XCMG

XCMG, as a leading enterprise valued of 100 billion RMB, with the largest scale, the best technology level, the largest export volume, and high competitiveness and influence in China's construction machinery industry, has been occupying the first place in China's construction machinery industry for decades, and it now ranks the third in the world industry and the 395th among the world's top 500 brands.

The main products by XCMG consists of 16 categories of equipment such as hoisting machinery, excavation machinery, concrete machinery, mining machinery, earth-moving machinery and road machinery, etc., as well as three categories of key components such as hydraulic system, transmission system and electric control system. Among above-mentioned, hoisting machinery ranks first in the world, and package solution of road construction and maintenance machinery, piling machinery and concrete machinery are among the first-class bloc in the world.

XCMG has accumulated more than 8000 approved patents, including more than 1900 invention patents and more than 130 PCT international patents. Entities of R&D centers, manufacturing plants or KD factories are in operation in more than 10 countries such as Germany, the United States, Brazil and India, XCMG has also acquired three European enterprises including Schwing in Germany. The Brazil manufacturing plant, with an investment of 350 million dollars to build up factories on a bare ground, has become a model of economic cooperation between China and Brazil. At present, XCMG products are exported to 187 countries and regions, covering 97% of the countries along "The Belt and Road" area. In export business to 35 countries, XCMG's proportion ranks NO. 1, with a steady first place within Chinese industry in terms of annual export volume and overseas income.

OVERVIEW

XCMG New 60 USt boom truck provides high lifting capacity and offers the most versatile crane for the North American market.



60 USt



154 ft



208 ft

It is designed to be used on high-rise and low-rise construction sites, transportation, ports, bridges, and any other complex working environments.





STRENGTHS AND HIGHLIGHTS

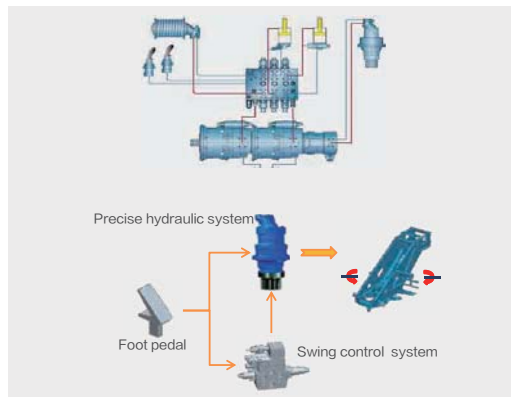
Superb lifting performance



- 2 mode boom telescope system
- 39.4-154 ft full power 5-section boom
- Fixed jib of 30.5 ft -53.5 ft
- 0°, 15° and 30° jib offset angles

Precise lifting operation

- Energy-saving, load sense hydraulic system for boom and winch functions.
- High-power hydraulic oil independent cooling system, promoting the working efficiency and reliability.
- Separate pumps for winch, boom and swing for interaction free multi function operation. Flows can be combined for higher speeds when needed.
- Free and braked swing modes for precise swing control.



Outrigger wireless remote controller

- Outrigger wireless remote control.



Winch wireless remote controller

- Wireless remote control for winch and boom luffing. With the power switch on sub frame, there is not need to climb into the operator cab for crane set up.



Boom tip camera

- An optional boom tip camera equipped to enable operator to observe the environment when the sight is blocked.



Internal boom length sensor

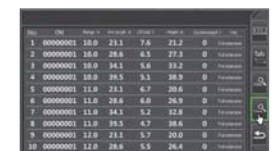
- Internal boom length sensors to eliminate any damage from working around trees or in other complex environments. And with the optional wireless A2B switch, there are no exposed wires outside of the boom.

Automatic working condition planning technology

- LMI includes load chart look up based on load, radius and height.
- Simplified procedure for looking up possible crane configurations for the load conditions.



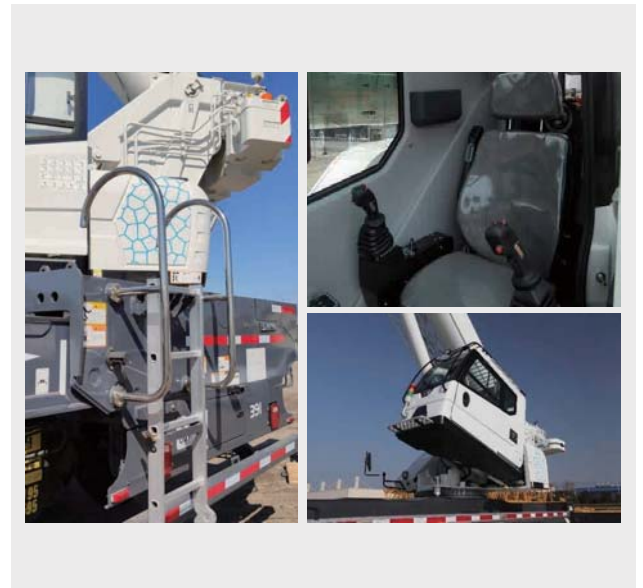
- Dual load sense variable displacement pumps
- Minimum stable winch speed 8.2 fpm, and minimum stable slewing speed 0.1°/s
- Hydraulic pilot operated controls for accurate and precise control.
- All above to optimize fine control along with providing strong and fast performance.





New appearance and humanized design

- New generation appearance that will be a welcome addition to any fleet signifying power and performance. Attractive cab with the perfect combination of streamlining and strength. With integrated ergonomic and user-friendly details that provides an enjoyable all day operation environment.



XCMG man-machine interactive system

- 10 inch color touch screen
- Ergonomically designed working space
- Informative and interactive techniques bring more friendly man-machine interaction



Touch buttons

- Separate control areas for safely protection, hoisting operation and operating environment bring convenient control.



Operator cab

- New operator cab, with wider seat and more space inside.
- 0° ~ 20° tilting adopted, wider operation view



TECHNICAL SPECIFICATIONS



Intermediate frame

Frame	Designed and manufactured by XCMG. Made of high strength steel and all walking surfaces are anti-slip.	●
Outrigger	H-type, out and down outriggers with 5th jack at front bumper. Outrigger control via Standard wireless remote control and backup manual valve. Outrigger pads stored under outriggers. level indicator provided on each side and at rear of crane as well as in the LMI 100% Span: 21.3 ft × 24.3 ft 21.7 ft Span: 21.3 ft × 21.7 ft 15.8 ft Span: 21.3 ft × 15.8 ft 0% Span: 21.3 ft × 7.6 ft	●
Hydraulic Reservoir	Effective volume of oil tank: 158.5 gal.	●
Superstructure		
Hydraulic system	Variable displacement pumps are used for winching, luffing, and telescoping; a gear pump is used for slewing and outriggers. Separate gear pump used for HVAC. Load-sensing proportional multi-way directional control valve controlled by pilot hydraulic oil is fitted. Includes a standard hydraulic oil cooler to control oil temperature in the most demanding applications.	●
Operating mode	Hydraulic pilot joysticks. Standard RLI display includes crane set up, lift parameters, load charts, lift planning, virtual wall, and fault diagnosis.	●
Main winch system	Hydraulic control is used for speed regulation. The system is driven by a hydraulic motor through a planetary gear reducer, with a normally closed brake. Including load hold balance valve and a grooved drum and standard rotation-resistant lift rope.	●
Operator cab	New cab design with more room. Fully-enclosed steel structure with large windows and is tiltable. Safety glass is used for all windows and sun shades are fitted. Wipers are fitted for the windshield and roof window. Standard controls and indicators are ergonomically arranged in the cab. The cab features a new ergonomic seat design with adjustable backrest and armrests that included joysticks. A sliding door and a electric control pull-out step to facilitate easy and safe	●
Slewing system	Pilot hydraulic controls a directional valve with built in brake and free swing functions. The system is driven by a piston hydraulic motor through a planetary gear reducer, with a normally	●
Safety devices	Hydraulic balance valve on outrigger jacks, boom hoist and extension cylinders and winch motors.	●
LMI	The operator aid is installed in Operator cab. When the load moment approaches overload value, it will send out visual and audible alarms, and automatically stops dangerous movements before overloading. Overload memory function (black box) and fault self-diagnosis functions are built into the system.	●
Hook block	Hook blocks 27.5 USt and 5.5 USt.	●
Counterweight	Total weight is 16000 lb, self assembly counterweight.	●



Boom and jib system

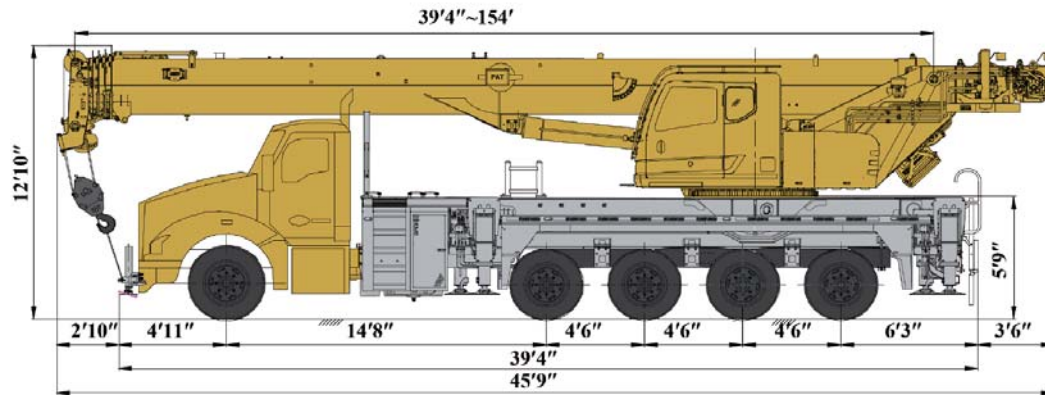
Boom	5-section, U-shape cross section welded structure. A dual-cylinder and ropes telescoping system is fitted. The two double-acting cylinders are controlled separately to give 2 mode operation and are fitted with load holding valves. Boom length: 39.4 ft~154 ft. Boom angle: -5°~81°.	●
Optional equipment		
Fix jib	The jib consists of a connecting bracket, a rotating bracket and two lattice sections. Three offset angles of 0°, 15° and 30° are available. Jib length: 30.5 ft and 53.5 ft.	○
Auxiliary winch system	Hydraulic control is used for speed regulation. The system is driven by a hydraulic motor through a planetary gear reducer, with a normally closed brake. It is equipped with a balance valve, grooved drum and rotation resistance rope.	○
Operating mode	Upper wireless remote control with proportional winch, boom telescope, and boom hoist controls. Includes load limit display.	○
Swing lock	360° gear type swing lock.	○
Hook block	Hook blocks 60 USt, 40 USt and 15 USt.	○
Boom tip camera	Camera on main boom head, with screen in the operator cab.	○
Internal boom length sensor	Boom length reels mounted internal to the boom at the base and second sections.	○

Product parts list is as mentioned above. Please refer to the product quotation for specific parts. Symbol explanation:

- — Standard configuration
- — Optional configuration.

TECHNICAL SPECIFICATIONS

Dimensions



Truck Axle Ratings And Estimated Bare Chassis Weights

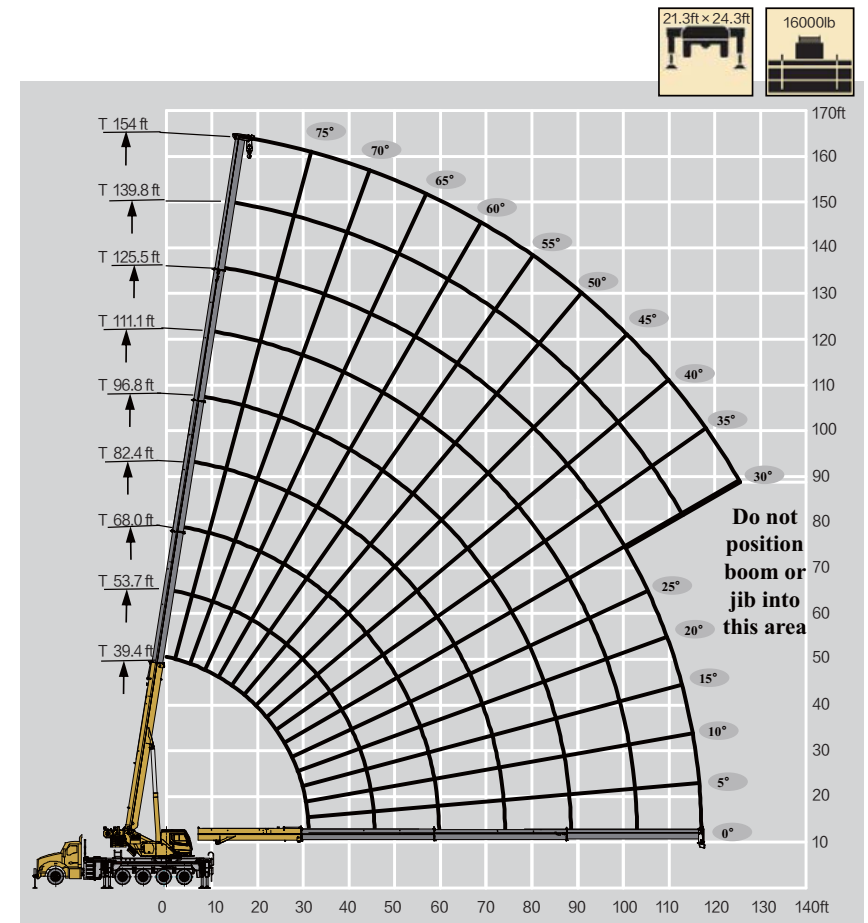


Chassis data	Front Axle Gross Weight Rating	Rear Axle Gross Weight Rating	Pusher Axle Weight Rating	Min truck Axle Weight -Front axle	Min truck Axle Weight -Rear axle
Weight/lb	20000	69000	13220	12000	9800

Data published here is for reference only, and the crane operation should be subject to specific load chart and working condition.

With different chassis, the parameters may be different.

Lifting heights





39.4 ft	53.7 ft	53.7 ft	68.0 ft	68.0 ft	68.0 ft	82.4 ft	82.4 ft	82.4 ft	96.8 ft	96.8 ft
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5.0	120000										
6.6	110220										
8.2	101410										
9.8	92590										
11.5	88180	52910	70540								
13.1	77160	52910	68780	50040	50700	45850					
14.8	70540	52910	63710	50040	50700	45850	45850	42320	43870		
16.4	69220	52910	58640	50040	50700	45190	45850	40560	41000		
19.7	59520	52910	50920	46510	50700	39680	43200	37250	35930	39020	26450
23.0	46510	52910	45410	40780	50700	34610	37910	34390	31960	34830	23580
26.2		47170	40340	36370	48050	30860	33730	31960	28210	31960	21820
29.5		38800	35710	33280	39680	27990	30860	30200	25350	29100	20060
32.8		32620	29760	30420	33500	25130	27990	28430	22920	26230	18730
39.4				22920	25130	20720	23580	24470	18950	22260	16310
45.9				17630	19620	15430	18510	20060	15870	18730	14550
52.5							14770	16310	13000	15210	12560
59.1							11900	13440	10140	12340	11240
65.6										10140	10140
72.2										8370	9470
2nd	0	0%	50%	50%	0	100%	50%	0	100%	50%	0
3rd	0	16.70%	0%	16.70%	33.30%	0	33.30%	50%	16.70%	50%	66.70%
4th	0	16.70%	0%	16.70%	33.30%	0	33.30%	50%	16.70%	50%	66.70%
5th	0	16.70%	0%	16.70%	33.30%	0	33.30%	50%	16.70%	50%	66.70%



96.8 ft	111.1 ft	111.1 ft	111.1 ft	125.5 ft	125.5 ft	125.5 ft	139.8 ft	139.8 ft	154 ft
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19.7	32840										
23.0	28880										
26.2	26010	22700	18950	23360							
29.5	23800	21380	17630	21600	17850	15650	18510				
32.8	22040	20280	16530	19840	16970	14320	17190	14320	14770	11460	
39.4	18070	17850	14320	16970	15210	13000	14770	13000	13000	11020	
45.9	15210	15650	12780	14100	13440	11240	13220	11680	11680	9920	
52.5	13000	14100	11240	12120	12340	10140	11900	10580	10360	9030	
59.1	11020	12780	9920	10800	10580	9030	10140	9470	9250	8150	
65.6	8810	10580	8810	9250	9700	8150	8810	8150	7930	7270	
72.2	7050	8810	8150	7710	8590	7490	7490	7490	7270	6390	
78.7		7270	7270	6170	7710	6830	6610	6830	6390	5730	
85.3		6170	6610	5070	6390	6170	5510	6170	5730	4850	
91.9					5510	5510	4400	5510	4620	4620	
98.4					4620	5290	3520	4850	3740	3960	
105.0								3960	3080	3300	
111.5								3300	2420	2640	
118.1								2640	1760	1980	
124.7										1540	
131.2										1000	
2nd	100%	50%	0	100%	50%	0	100%	50%	100%	100%	
3rd	33.30%	66.70%	83.30%	50%	83.30%	100%	66.70%	100%	83.30%	100%	
4th	33.30%	66.70%	83.30%	50%	83.30%	100%	66.70%	100%	83.30%	100%	
5th	33.30%	66.70%	83.30%	50%	83.30%	100%	66.70%	100%	83.30%	100%	

Table of Main Technical Parameters

Category	Item			Unit	Parameter
Main Lifting Performance	Max. total rated lifting capacity			USt	60
	Min. rated working radius			ft	5
	Tail swing at turntable tail(Counterweight)			ft	12.2
	Tail swing at turntable tail(Aux winch)			ft	13.8
	Max. load moment	Base boom	Base boom	lb-ft	1172000
		Fully-extended boom	Fully-extended boom	lb-ft	481000
		Fully-extended boom + Jib	Fully-extended boom + Jib	lb-ft	419000
	Outrigger span	Longitudinal	Longitudinal	ft	21.3
		Lateral	Lateral	ft	24.2
	Hoist height	Base boom	Base boom	ft	42.6
		Fully-extended boom	Fully-extended boom	ft	154
		Fully-extended boom + Jib	Fully-extended boom + Jib	ft	208
	Boom length	Base boom	Base boom	ft	39.4
		Fully-extended boom	Fully-extended boom	ft	154
		Fully-extended boom + Jib	Fully-extended boom + Jib	ft	207.5
Jib offset angle			°	0, 15, 30	
Working Speed	Boom raising time			s	≤40
	Boom fully extended time			s	≤80
	Slewing speed			rpm	0~1.2
	Outrigger extending and retracting time	Outrigger beam	Extending Simultaneously	s	≤40
			Retracting Simultaneously	s	≤40
		Outrigger jack	Extending Simultaneously	s	≤45
			Retracting Simultaneously	s	≤45
Hoisting speed (single line, 4th layer, no load)		Main winch system	fpm	≥443	

Optimum Services , XCMG Guaranteed



XCMG approved attachments



Genuine parts



Financial solutions



Maintenance contract



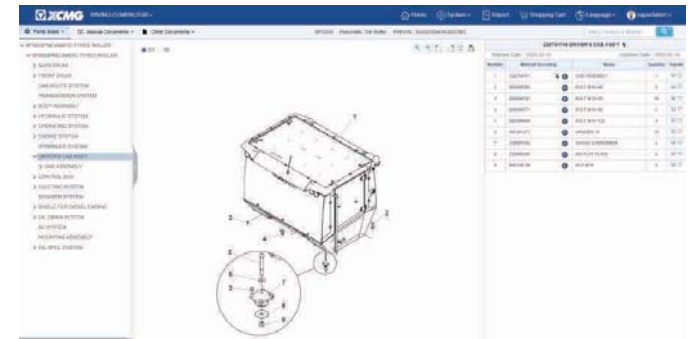
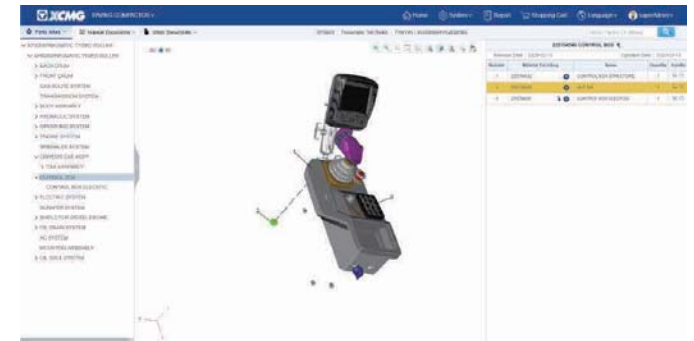
Full Range of Services Ready for You

In order to respond to your needs as fast as possible, XCMG experts can be dispatched to your job site from a facility near you. A full range of services are available to reduce your total cost of ownership and increase your revenue.

Professional Integrated Complete Solutions

XCMG group has built a strong reputation based on the quality, reliability and durability of its construction machinery. XCMG has established a world wide service and parts network to provide support to every customer regardless of location.

XCMG Global Spare Parts System



Mobile cranes



Excavators



Aerial work platforms



Wheel loaders



Road machinery



