

XCMG Boom Truck(Standard & Self-loading)

XGA5250JSQW2

01 CHASSIS PERFORMANCE PARAMETERS

Item	Parameter	Item	Parameter
PERFORMANCE PARAMETERS		**CLUTCH**	
Drive Type	6×4	Model	Φ430 Pull type diaphragm spring clutch
Kerb Mass	16000kg	Manipulating	Hydraulic manual
GVW	35000kg	**CABIN**	
Max. Speed	90km/h	Model	XG1
Min. Turning Diameter	19.5m	Left/Right Driving	LHD
Grade Ability	≥30%	AC	Standard
Fuel Tank	400L	Person Allowed in	2
DIMENSIONS		**AXLE**	
Dimension (mm)	11880×2500×3850	Front Axle Model	7.5T
Wheelbase (mm)	5850+1400	Rear Axle Model	16T
Min. Clearance	285mm	Main Reducer Ratio	5.73
Approach Angle	27°	**TIRE**	
Departure Angle	49°	Rim	8.0V-20/8.50V-20
Front Overhang	1500mm	Tire	11.00R20/12.00R20
Rear Overhang	3250mm	**FRAME**	
Height of traction base from the ground (no load)	1084mm	Main Beam (mm)	300×80×8
		Frame Width	865mm
TRANSMISSION		**SUSPENSION**	
Model	10JSD180TB	Front	Type: Multi-spring
PTO	Optional		Leaf springs: 9
Forward Ratio	12.78~0.73	Rear	Type: Multi-spring
Reverse Ratio	13.754,2.837		Leaf springs: 13
ENGINE		**BRAKE**	
Model	SC10E400Q3B	Type	Drum type
Emission Standard	EUR II	ABS	Standard
Displacement	10.4L		
Output Power	294KW		
Max Torque Speed	1650N·m		







5-ton Crane

10-ton Crane

12-ton Crane

5-ton Self-loading

10-ton Winch Self-loading Crane









1. Safe and reliable

20° Side Impact Test



Roof Crush Resistance Test

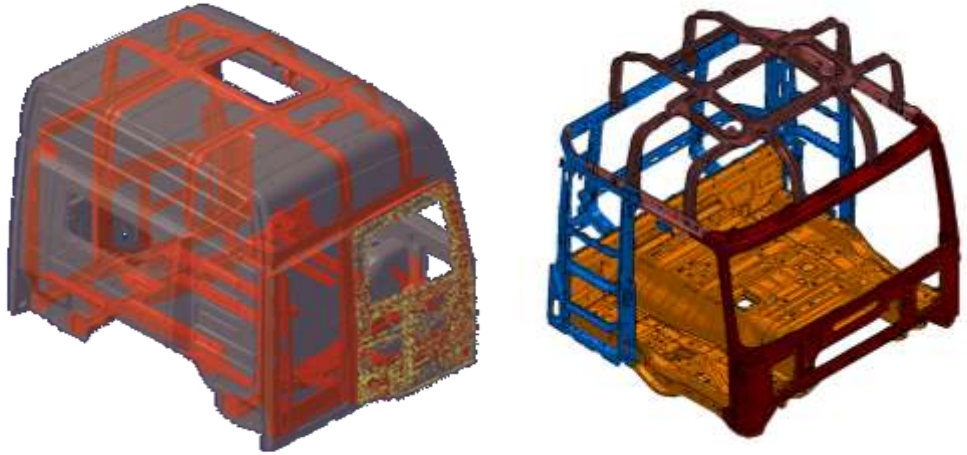


Rear End Collision Test



Monocoque Cage Structure

(High-Strength Galvanized Steel Plate Distribution Diagram)



Frontal Pendulum Impact Test



① Our cab meets the ECE R29-03 safety standard.

② using a cage-type structure with high-strength galvanized steel.

③ It’ s welded with ABB robots to ensure structural integrity and better safety in collisions.

2. Strong power

400HP engine equipped with standard four-valve for strong performance and quick start.

Cast iron box adopted for the Transmission, suitable for road conditions of engineering vehicles in harsh environment. 16t two-stage rear axle adopted, with high bearing capacity and no pressure when climbing out of pit.





3. Strong passability

7.5t flat-axle adopted as the front axle with ground clearance of more than 285mm, and bumper rail designed on the bottom of the radiator, with good passability in any place with complicated road conditions.

The fuel tank and air reservoir have a ground clearance of no less than 400mm, reducing the risk of scraping. Its clearance is over 10cm higher than that of competing products, effectively protecting chassis components and ensuring efficient and smooth passage through harsh working conditions.









international construction **YELLOW TABLE** 2025

2025	2024	CHANGE	COMPANY	COUNTRY	CONSTRUCTION EQUIPMENT SALES (US$ MILLION)	SHARE OF TOTAL
1	1	0	Caterpillar	US	37,844	15.9%
2	2	0	Komatsu*	JP	26,624	11.2%
3	3	0	John Deere	US	12,956	5.5%
4	4	0	XCMG	CN	12,769	5.4%
5	5	0	Liebherr	DE	12,420	5.2%
6	6	0	Sany	CN	10,834	4.6%
7	8	+1	Hitachi Construction Machinery*	JP	9,104	3.8%
8	7	-1	Volvo Construction Equipment	SE	8,353	3.5%
9	9	0	JCB**	UK	7,411	3.1%
10	11	+1	Sandvik Mining and Rock Technology	SE	6,974	2.9%
11	10	-1	Doosan Bobcat	KR	6,269	2.6%
12	14	+2	Epiroc	SE	6,011	2.5%
13	12	-1	Zoomlion	CN	5,688	2.4%
14	13	-1	Metso Outotec	FIN	5,261	2.2%
15	16	+1	Oshkosh Access Equipment (JLG)	US	5,160	2.2%
16	15	-1	Terex	US	5,100	2.1%
17	17	0	Kubota*	JP	4,275	1.8%
18	19	+1	Liugong	CN	4,188	1.8%
19	18	-1	CNH Industrial	IT	3,053	1.3%
20	22	+2	Kobelco Construction Machinery*	JP	3,033	1.3%
21	20	-1	HD Hyundai Infracore (Develon)	KR	3,018	1.3%
22	24	+2	Manitou Group	FR	2,874	1.2%
23	26	+3	Sumitomo Heavy Industries*	JP	2,590	1.1%
24	25	+1	Palfinger	AT	2,552	1.1%
25	21	-4	HD Hyundai Construction Equipment	KR	2,522	1.1%
26	23	-3	Wacker Neuson	DE	2,417	1.0%
27	27	0	Fayat Group	FR	2,380	1.0%
28	28	0	Manitowoc	US	2,178	0.9%
29	31	+2	Shantui	CN	1,981	0.8%
30	29	-1	Tadano*	JP	1,923	0.8%
31	34	+3	LGMG	CN	1,680	0.7%
32	30	-2	Hiab	FIN	1,633	0.7%
33	33	0	Takeuchi*	JP	1,454	0.6%
34	32	-2	Lonking	CN	1,423	0.6%
35	36	+1	Ammann**	CH	1,348	0.6%
36	35	-1	Astec Industries	US	1,305	0.5%
37	37	0	CRCHI	CN	1,112	0.5%
38	39	+1	Dingli	CN	1,086	0.5%
39	43	+4	Tonly	CN	856	0.4%
40	40	0	Skyjack**	CA	854	0.4%
41	41	0	Sunward	CN	850	0.4%
42	38	-4	Bauer	DE	757	0.3%
43	44	+1	Hidromek**	TR	744	0.3%
44	48	+4	Merlo**	IT	727	0.3%
45	49	+4	Lovol	CN	706	0.3%
46	47	+1	Yanmar**	JP	693	0.3%
47	42	-5	Haulotte Group	FR	686	0.3%
48	45	-3	Sennebogen**	DE	652	0.3%
49	50	+1	Sinoboom	CN	649	0.3%
50	46	-4	Bell Equipment	ZA	647	0.3%

Global Construction Equipment Rankings (2025 Yellow Table)

- **XCMG ranks 4th globally**, with sales of **$12.77B** and a **5.4% market share**.
- **No.1 Chinese brand**, ahead of Sany (6th) and Zoomlion (13th).

Why Choose XCMG?

Tech Leadership: Delivering world-class quality through innovation — mastering excellence in every detail.

Cost-effective: Premium quality at competitive pricing.

Global service: Support in 180+ countries.





Fully Equipped Overseas Parts Center





24/7 Technical Team – Fast Response Across the Philippines

Metro Manila Subway Project





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USAGE CASE

Cebu Bus Station Project







Panhua Group Integrated Steel Plant in the Philippines



Wawa Pumped Storage Hydropower Project

