



SELID TO SUCCEED













wheel loader XCMG XC968



Description & Features

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- As a new generation of XC9 series flagship product launched by XCMG Construction Machinery Co., Ltd., XC968 is an innovative wheel loader developed based on extensive market and technical research, while introducing world-leading design and manufacturing technology for high performance and cost effectiveness.
- Relying on its international R&D platform, XCMG integrates global technology R&D resources, and strives to create a new generation of loaders with up-to-date technology and independent intellectual property rights.
- This model is not only powerful, robust and reliable, but also highly efficient and energy-saving, and easy to maintain, providing more energy-saving and efficient solutions for construction sites, mines, ports, highways and other construction fields.

- New XC9 platform with high-end interior and aesthetic appearance.
- Electronically-controlled transmission—XCMG heavy-duty fully automatic electronically-controlled fixed shaft transmission, obtaining a number of patents in China, and featuring outstanding reliability, operating comfort, functional diversity, and world-leading technology.
- XCMG unique super-robust heavy-duty structural parts without redundant weight.
- Super-long wheelbase, outstanding work capability and incomparable stability.
- Dual limit first flexible, then rigid, ensuring reduced impact and improved comfort during operation.
- regonomic, ultra-quiet and micro-pressurized cab designed with integral frame structure, super large space and full view of field, equipped with audio, air conditioner, seat and joysticks with FNR/horn/KD buttons to ensure easy operation.

Main features

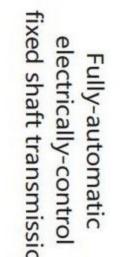


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Advanced:

- High-power electronically-controlled engine with high-pressure common rail, featuring a large torque reserve coefficient and excellent power performance.
- MYF220AT heavy-duty electronically-controlled transmission, incorporated with world-class technology and independent intellectual property rights, including 7 proprietary technologies and 2 invention patents.
- Advanced full-flow control mode, enable simple, comfortable and efficient control; integrated with independent hydraulic buffer to ensure excellent gear buffering effect.



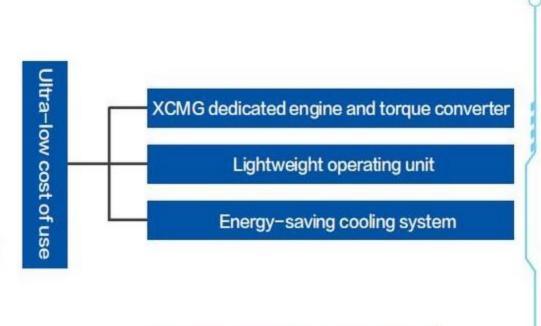


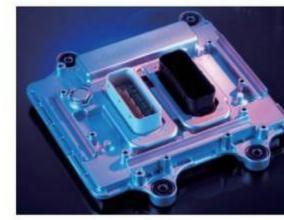


Energy-saving:



- Equipped with a turbocharged engine for environmental protection, energy conservation, and strong power.
- Electronically-controlled fixed & shaft power shift transmission, highly efficient and energy-saving;
- Dual-pump confluence and equivalent unloading technology with steering priority valve, plus load-sensing full hydraulic steering system with coaxial flow amplification, energy-saving and efficient.





Reliable:



- Electronically-controlled fixed & shaft power shift transmission with high reliability and long service life;
- Hydraulic pipeline sealing structure comprehensively upgraded to reduce pipeline connection leakage and improve hydraulic system reliability;
- Articulation joint of the frame adopts a joint bearing to ensure reliable articulation of the front and rear frames;









High efficiency:

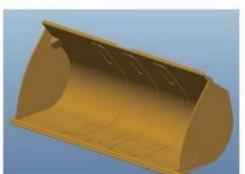


- Dual-pump confluence and equivalent unloading technology with steering priority valve, plus load-sensing full hydraulic steering system with coaxial flow amplification, increasing the tractive force of the machine in combined operating conditions and improving the operation efficiency.
- Optimized operating tools designed with Z-type reverse six-linkage structure integrated with single rocker arm, short tie rod and horizontal boom cylinder, featuring superior operating performance and efficiency, and enabling full use of engine power;









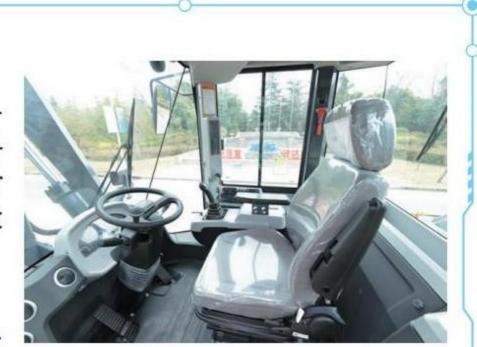
Common special tools



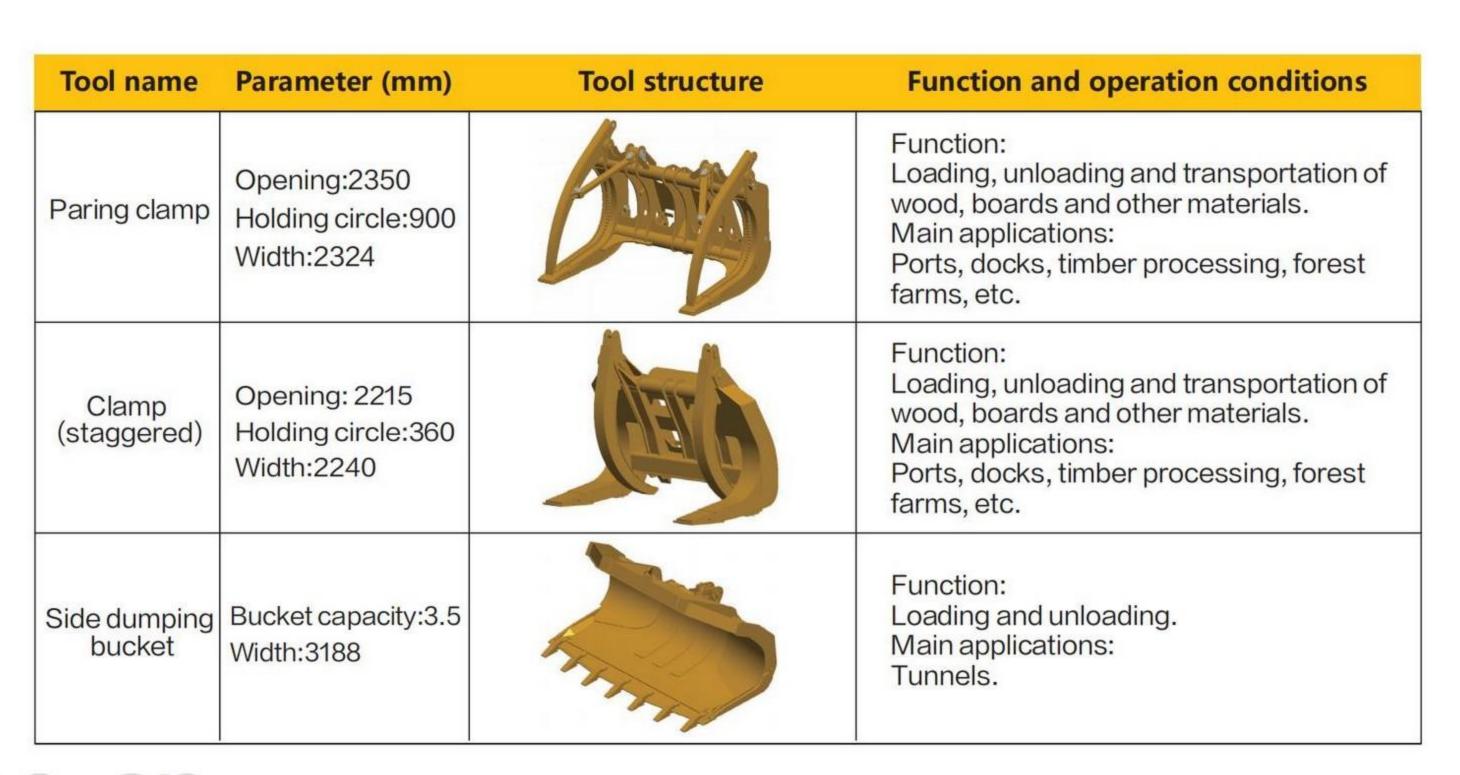


Comfortable:

- Equipped with an automatic gear shifting switch (KD function), with 4 forward and 4 reverse gears, advanced performance, providing smooth gear shifting, simplifying driver operation, and effectively reducing driver workload to meet various operating requirements of the loader;
- Adopting pilot hydraulic control for comfortable and efficient operation; full hydraulic flow amplification steering for light and flexible operation; hydraulic control for steering limit, with mechanical dual limit, and hydraulic control limit superior to mechanical limit;
- High-performance shock-absorbing seat, combined with multi-directional adjustable steering column, can meet the requirements of different drivers;









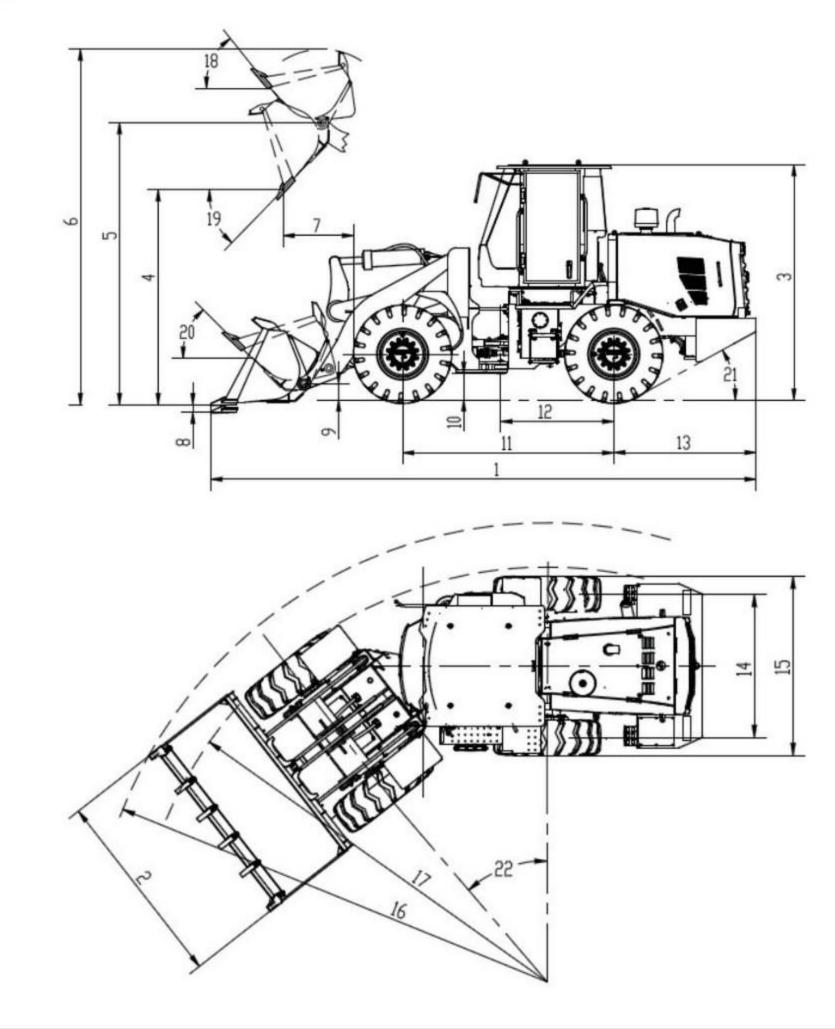


Convenient:

- Electronic sensing systems are used for pressure and temperature measurement devices, making maintenance and service more convenient for users;
- Centralized fuse box is adopted for easier and more efficient inspection and maintenance;
- The hood designed based on flip-up frame structure is configured with a large side door with a wide opening angle, and openable rear cover, making engine and radiator inspection, maintenance and service easy and convenient.







OPTIMUM SERVICES XCMG GUARANTEED



Specifications

	XC968 sta	andard arm		XC968 standard arm		
Parameter	3.5 m ³	4.0 m ³	Parameter	3.5 m ³	4.0 m ³	
Overall length mm	8535	8610	From the center of rear axle mm	1725	1725	
Overall width mm	3200	3200	Rear overhang length mm	2140	2140	
Overall height mm	3455	3455	Wheelbase mm	2265	2265	
Dumping height mm	3180	3040	Mainframe width mm	2860	2860	
Pivot height mm	4270	4270	Turning radius (outside of tool) mm	6950	5755	
Maximum lift height mm	5780	5790	Turning radius (outside of tyre) mm	6193	6193	
Dumping range mm	1185	1325	Rollback angle during lifting °	57	57	
Digging depth mm	120	120	Dumping angle °	45	45	
Transport pin height mm	560	560	Dumping angle at transport position of	49	49	
Min ground clearance mm	425	425	Departure angle °	29	29	
Wheel base mm	3450	3450	Vehicle steering angle °	40	40	

Parameter	Parameter
Rated loadkg kg	6300
ated bucket capacity m³	3.5
ated power kW	178
orking mass kg	20000±300
lax tractive force kN	175±5%
Max breakout force kN	≥200
Vheel base mm	3450
Vheel track mm	2265
umping height mm	3180
Oumping range mm	1185
oom lifting time S	≤5.6
otal S	≤10
1ax gradeability °	29±1
teering angle °	40±1
peed at Gear 1 (forward/reverse) km/h	6.0/6.0
peed at Gear 2 (forward/reverse) km/h	11.0/11.0
peed at Gear 3 (forward/reverse) km/h	20.0/20.0
peed at Gear 4 (forward/reverse) km/h	34.0/34.0
ive-speed gears (forward/reverse) km/h	/
verall dimensions (L × W × H) mm	8535×3200×3455

System catego	ry Specification	XC968				
	Туре	Inline, four-stroke, water-cooled, turbocharged, direct injection				
Engine	Displacement	9.726L				
	Emission standard	Non-road China II				
Carehau	Туре	Electro-hydraulic fixed shaft shift				
Gearbox	Gears	Inline, four-stroke, water-coole turbocharged, direct injection 9.726L Non-road China II Electro-hydraulic fixed shaft shift Forward 4 / reverse 4 XCMG dry-type axle 23.5-25PR Dual-pump convergent FNR pilot control Flow amplification Air over hydraulic, caliped disc four-wheel brake Pneumatic internal expanding shoe brake				
Drive axle	Brand and form	XCMG dry-type axle				
Tyre	Standard specifications	23.5-25PR				
Working	Type	Dual-pump convergence				
hydraulic system	Operation mode	Inline, four-stroke, water-cool turbocharged, direct injection ment 9.726L Andard Non-road China II Electro-hydraulic fixed shaft shift Forward 4 / reverse and to shaft shift XCMG dry-type axled and and and and and and and and and an				
Steering hydraulic system	Type	Flow amplification				
	Service brake	Inline, four-stroke, water-cooled turbocharged, direct injection acement 9.726L Non-road China II Iype Electro-hydraulic fixed shaft shift Forward 4 / reverse 4 and form Accepted and form Indiand and ard iffications Iype Type Dual-pump convergence Type Flow amplification Air over hydraulic, caliper disc four-wheel brake Pneumatic internal expanding shoe brake Cooling and heating Type Indiand II Indiand I				
Brake System	Parking brake					
Air cond	litioner	Cooling and heating				
Air cond	Diesel L	300				
*	Displacement Emission standard Type Gears Gears Brand and form Standard specifications Type Dual-pur Operation mode Type Flow Type Service brake Parking brake Onditioner Diesel L Engine oil L Antifreeze L	22				
Brake System Service brake Air over hydrau disc four-whe Pneumatic in expanding sh Air conditioner Cooling and Diesel L 300 Engine oil L 22 Antifreeze L 45 Fuel/oil filling (for reference) Drive axle oil L 40/36	45					
The state of the s	Drive axle oil L	40/36.5				
	Drive axle oil L 40/36.5					
	DEF L	/				
	Brake fluid L	3				

- The technology of XCMG backhoe loaders is subject to constant improvement and upgrading. In case the specifications or detailed appearance contained in this brochure differ from actual products, the latter shall prevail;
- XCMG reserves the right of final interpretation for the above. Our products may be modified without prior notice to users.



XCMG approved attachments



Genuine parts



Financial solutions



Maintenance contract



Telematics

Professional Integrated Complete Solutions

XCMG has built a strong reputation based on the quality,reliability and durability of its construction machinery. What's more, XCMG has gradually established a service network to constantly provide its local integrated and highly efficient complete solutions for all customers.

IC.CII

Full Range of Services Ready for you

In order to respond to your needs as fast as possible, XCMG's experts are on their way to your job site from one of our facilities near you. Full range of services are available in order to reduce your total cost of ownership and increase your revenue.



XCMG Global Spare Parts System

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