

XC988

WHEEL LOADER

Operating weight 26470kg
Rated load 8500kg
Bucket capacity 5.0m³



www.xcmg.com

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*Standard and optional equipment may vary.Contact your XCMG dealer for more information. The machine may vary according to International standards.
* The photos may include attachments and optional equipment that are not available in your area.
* Materials and specifications are subject to change without advance notice.
* All imperial measurements rounded off to the nearest pound or inch.

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PRODUCT HIGHLIGHTS

XC988

EXCELLENT PRODUCTIVITY AND FUEL EFFICIENCY

- Full-variable electro-hydraulic proportional control
- High-powered engine
- Reinforced wet axle
- Optimized three-section drive shaft
- Hydraulic hose of an international famous brand

HIGH RELIABILITY AND DURABILITY

- Reinforced wet axle
- Optimized three-section drive shaft
- Hydraulic hose of an international famous brand

EASY CONTROL AND COMFORTABLE OPERATION

- Joystick with electro-hydraulic proportional control
- Fully adjustable air suspension seat and armrest
- Ride Control (Optional)
- Automatic lubrication system
- Air conditioning system
- Full sound-proofed spacious ROPSFOPS cab
- Combination LCD dashboard
- Steering system
- Brake system

THE ULTIMATE SAFE ENVIRONMENT

- Reverse camera
- Generator emergency stop (Optional)

SERVICEABILITY AND TELEMATICS

- ECD (Engine connection diagnostics)
- Hood system
- Radiator
- Centralized pressure measurement
- Easy-to-change filters



EXCELLENT PRO- DUCTIVITY AND FUEL EFFICIENCY

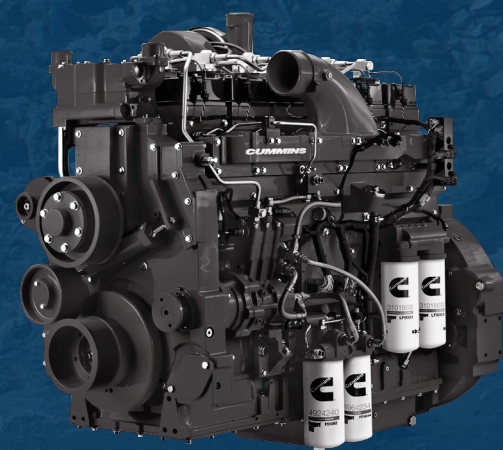
Full-variable electro-hydraulic proportional control

The working hydraulic system adopts load-sensitive variable and electro-hydraulic proportional control technology to provide pressure and flow on demand.



High-powered engine

The engine features electronic fuel injection, turbocharging, and air-to-air intercooling technologies, with electric start and shutdown capabilities. This engine not only delivers high reliability and adaptability, but also offers the advantages of low fuel consumption and reduced emissions. Equipped with a three-stage air filtration system and multi-stage fuel filtration system, it is capable of meeting operational demands across diverse working conditions.

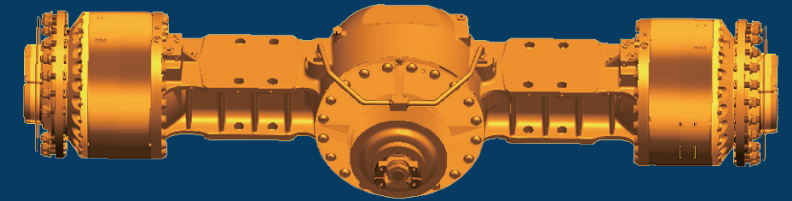


HIGH RELIABILITY AND DURABILITY



Reinforced wet axle

Both front and rear axles utilize wet-type drive axles with maintenance-free multi-disc wet brakes, extending axle service life. The front axle is equipped with a differential lock function to enhance machine passability in harsh operating conditions.



Optimized three-section drive shaft

The three-section driveshaft design effectively distributes stress during steering maneuvers. Key-block connections at shaft joints provide superior anti-loosening performance, ensuring exceptionally stable and reliable torque transmission.



Hydraulic hose of an international famous brand

Hydraulic hose inner layer adopts oil-resistant synthetic rubber, outer layer adopts wear-resistant and anti-aging synthetic rubber, capable of adapting to harsh working conditions and pressures.

EASY CONTROL AND COMFORTABLE OPERATION



Joystick with electro-hydraulic proportional control

The FNR control lever integrates KD gear function for effortless and comfortable operation.



Fully adjustable air suspension seat and armrest



Ride Control (Optional)

Automatic lubrication system (Optional)



EASY CONTROL AND COMFORTABLE OPERATION



Fully Enclosed Spacious ROPS/FOPS Cabin with Sound Insulation

XCMG's new FOPS&ROPS micro-pressurized cab offers excellent sealing to effectively block external dust; spacious interior with wide visibility, connected to frame via silicone shock absorbers that significantly reduce cab vibration.

Combination LCD dashboard

Utilizes new-generation CAN bus digital instrument cluster with LCD display, featuring engine fault codes, transmission fault codes diagnostic functions. The panel provides real-time machine status monitoring with audible/visual alarms to promptly alert operators for fault inspection.



Steering system

Load-sensing, flow-amplifying full hydraulic articulated steering saves energy, using small-displacement steering unit as pilot to activate flow-amplifying valve for steering - fast response while significantly reducing steering wheel effort for easier operation.



Brake system

Full hydraulic dual-circuit wet service brakes and caliper disc parking brakes feature independent front/rear axle braking with low-pressure alarm protection. Emergency brake combines with parking brake to ensure operational safety.



THE ULTIMATE SAFE ENVIRONMENT

Reverse camera

The advanced reversing camera provides drivers with an expansive rear working view, delivering reliable safety assurance during operations.



Generator emergency stop (Optional)

Emergency stop buttons are installed both inside and outside the cab, enabling immediate engine shutdown during critical situations to enhance operational safety.



SERVICEABILITY AND TELEMATICS

ECD (Engine connection diagnostics)

The cab interior comes pre-equipped with an engine diagnostic port, allowing for engine fault diagnosis when connected to a computer.

Hood system

The "integral-type" large-angle rear-tilting hood exposes the engine and radiator when opened, enabling quick and convenient maintenance.



Centralized pressure measurement

Pressure points from the working, steering, and transmission systems are centrally routed and arranged for convenient testing.



Easy-to-change filters

When opened, all daily maintenance filters are easily accessible for replacement.



Technical Specifcations

Model		Parameter
Operating weight		26470kg
Rated load		8500kg
Bucket capacity		5.0m³
Max. Breakout Force		240kN
Tipping Load	Straight	20000kg
	Fully articulated	17000kg

Engine	
Manufacturer/Model	Beijing Foton Cummins / X12
Type	In-line 6-cylinder, Electronic Fuel Injection, Turbocharged, High-Pressure Common Rail
Rated power	250kW@2100rpm
Max. power	336kW@1800rpm
Peak torque	1898N.m@(1200~1600)rpm
Displacement	11.8L

Drive system		
Model		4WG260
Category		Fixed-Shaft Electro-Hydraulic Shift Transmission
Gear		Forward 4 reverse 3
Travel speed	1st (F/R)	6.6/6.6
	2nd (F/R)	12.3/12.3
	3rd (F/R)	26/26
	4th (F/-)	39/-
Brake distance		≤11m

Drive system	
Actuation system	Four-wheel actuation system
Front axle	Fixed
Rear axle	Oscillation angle 13°
Hub speed reducer	Planetary Wheel-End Reduction
Differential	Front axle differential locking
Speed ratio	24.706

Brake system	
Service brake	Fully-hydraulic wet brake, being safe and reliable
Parking brake	Electronically controlled disc brakes
Emergency brake	1.The cab is equipped with a parking brake rocker switch that also functions as an emergency brake. 2.Both interior and exterior of the cab can be optionally equipped with emergency stop buttons for engine shutdown during critical situations, enhancing driving safety.

Cab	The FPRS & ROPS meet requirements of ISO 3471 and ISO 3449
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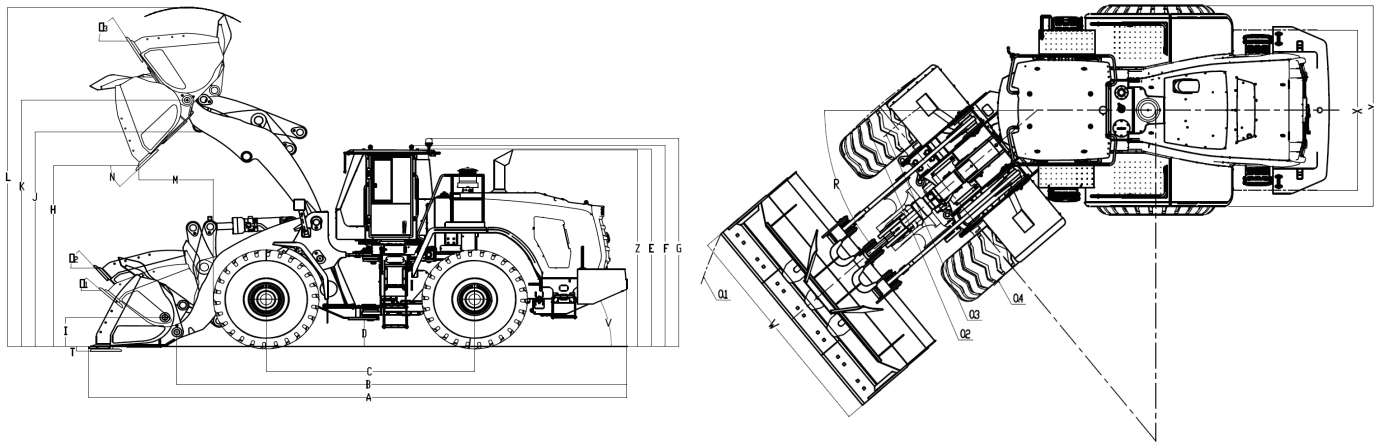
Hydraulic system	
Type	Full-variable hydraulic system
Pump	Piston pump + piston pump
Rated displacement	(110+110) L/min
Control valve	Electrically-controlled two-way multitandem valve
System pressure	26MPa
Lift circuit	The lift circuit enables boom raising, holding, lowering and floating positions
Tilt circuit	The bucket cylinder circuit enables bucket rolling in, holding and dumping
Hydraulic oil	Double drive
Lift duration	Lift: 2-180 x 840mm
Tilt circuit	Tile: 1-200 x 543mm
Total cycle time	≤6.5s
	≤11.5s

Steering system	
Type	Load-sensing Flow Amplification Steering System; Articulated Steering
Pump	Piston pump
Rated displacement	110 L/min
System pressure	21MPa
Cylinder	Dual steering cylinder
Steering angle	±40°
Features	Center closed structure

Service refill capacities	
Fuel tank	400L
Cooling system	65L
Engine oil	34L
Transmission	50L
Front axle	64L
Rear axle	64L
Hydraulic reservoir	160
Hydraulic system (Including tank)	About 274L

Sound	
The guaranteed noise levels described below may vary depending on a range of factors such as operating conditions, cooling fan speed, The guaranteed noise levels described below may vary depending on operating conditions, cooling fan speed, engine type, and other factors. with the doors and/or windows open.	
Exterior sound power level at cooling fan max. speed	115dB(A)
Operator sound pressure level (ISO 6396:2008)	79dB(A)
Exterior sound power level (ISO 6395:2008)	114dB(A)

Technical Specifcations



DIMENSIONS &SPECIFICATONS

A	Transportation length (bucket laid flat on the ground)	mm	9060
B	Overall length (without bucket)	mm	6850
C	Wheel base	mm	3350
D	Min. ground clearance	mm	488
Z	Height - top of exhaust pipe	mm	3530
E	Height - top of cab	mm	3620
F	Height - cab roof lug	mm	3660
G	Height - top of warning light	mm	3810
L	Max. lift height	mm	6115
K	Pivot height at max. lifting	mm	4395
J	Lift arm clearance at max. lifting	mm	3830
N	Dumping angle for max. lifting and dumping	°	45
H	Dumping height for max. lifting and 45° dumping	mm	3140
M	Dumping reach for max. lifting and 45° dumping	mm	1290
T	Digging depth	mm	100
I	Pivot height at transport position	mm	500
O1	Rollback angle on ground	°	43
O2	Rollback angle at transport position	°	49
O3	Rollback angle at highest position	°	56
R	Steering angle	°	40
a1	Turning radius (outside of bucket)	mm	7180
a2	Radius of the outside of tire	mm	6375
a3	Turning radius (center of outside tire)	mm	6037
a4	Radius of the inside of tire	mm	3380
X	Wheel track	mm	2320
Y	Overall width	mm	2295
V	Gradeability	°	≥26
W	Bucket width	mm	3230

Power system	Standard	Optional
Engine	●	
Engine oil remote drainage	●	
Intake preheating	●	
Fuel pre-filter with water separator	●	
Reversible cooling fan	●	
Centrifugal air pre-filter	●	
Coolant drain outlet port	●	
Turbocharger flameout delay	●	
Fastfill system	●	
Rapid engine oil filling system	●	
Torque converter-transmission system	Standard	Optional
Manual/automatic shift	●	
Rapid transmission oil filling system	●	
Drive axle system	Standard	Optional
Front axle limited slip differential locking	●	
Taikaiying 29.5R25 L-5 tire	●	
Aeolus 29.5R25 L-5 tire		●
Hydraulic System	Standard	Optional
Two-way electric control valve	●	
Piston pump	●	
Hydraulic oil cooler	●	
Diagnostic pressure fittings	●	
Independent cooling system	●	
Boom lift limit	●	
Automatic bucket leveling	●	
The cooling fan turns forwards and backwards	●	
Double acting hydraulic cylinder	●	
Steering wheel steering		●
Emergency steering	●	
Drive stability system (RIDE Control)	●	
Anti-explosion valve (lifting system)		●
Rapid hydraulic oil filling system	●	
Three-way working hydraulic system		●
Handle steering system (steering wheel/handle steering, only an option available)	●	
Lighting and alarm system	Standard	Optional
Dual LED headlight with high and low beams	●	
Dual-brake light (Tail light)	●	
Turn signal light with flickering hazard indicator	●	
LED working light (4 front, and 2 rear)	●	
Rotating beacon	●	
Horn	●	
Pressure inspection	Standard	Optional
Working system pressure diagnostic interface	●	
Steering system pressure diagnostic interface	●	
Transmission pressure diagnostic interface	●	
Automatic lubrication system	Standard	Optional
Automatic lubrication system	●	
Single-line lubrication system		●
External device	Standard	Optional
Left and right anti-slip rack	●	
Front fender	●	
Traction pin	●	
Articulated locking rod	●	
Rear hood fender	●	
Protection plate for transmission bottom	●	

Brake system	Standard	Optional
Independent dual-circuit service brake	●	
Parking brake, and electro-hydraulic control	●	
Single-pedal brake system	●	
Dual-pedal brake system	●	
Electrical system	Standard	Optional
Air filter clogging alarm display	●	
Battery voltage display	●	
Fuel level display	●	
Engine speed display	●	
Engine oil pressure display	●	
Engine coolant temperature display	●	
Engine fault code display	●	
Transmission oil temperature display	●	
Transmission fault code display	●	
Parking brake display	●	
Low pressure brake alarm display	●	
Reverse camera system	●	
Front and rear windshield washers	●	
Front and rear windshield wipers	●	
Main power supply switch	●	
FM radio	●	
Hood lift button	●	
360° reverse camera system		●
Weighing system		●
Reverse sensor system		●
Engine Emergency Stop Function	●	
Cab	Standard	Optional
ROPS/FOPS Cab	●	
Interior rearview mirror (1 piece)	●	
Exterior rearview mirror (2 pcs)	●	
Right sliding window	●	
Non-slip mat (indoor)	●	
Front sunshade	●	
Adjustable air suspension seat	●	
Seat belt	●	
Steering wheel (adjustable for up-down, and front-back)	●	
Tinted safety glass	●	
Cup holder	●	
Door lock key	●	
Air conditioning system	●	
Cab pressurization system	●	
Rearview mirror with electric heater (exterior)		●
Glass protective net (front)		●
Glass protective net (rear)		●
Three-point seat belt		●
Anti-corrosion technology	Standard	Optional
Complete machine subject to heavy-duty coating		●
The electrical wiring harness is sealed with glue		●
Operating link system	Standard	Optional
Label arm	●	
High-dump boom		●
4.0 to 8.0 bucket		●