



XC916E

COMPACT WHEEL LOADER



Operating
Weight

5400-5600kg

Bucket
Capacity

0.85m³

Rated
Power

49.9kW



APPLICABLE WORKING CONDITIONS

XC916E

Compact Wheel Loader

This loader is primarily used for earth backfilling and material transfer on medium-sized construction sites, as well as large-scale handling of straw and silage. It is also suitable for municipal road snow removal over wide areas, stockpiling bulk materials in freight yards, and rock handling and site leveling in small-scale water conservancy projects.



PRODUCT HIGHLIGHTS

- The hydrostatic wheel loader adopts hydrostatic transmission technology, featuring a light-weight structural design and compact layout, delivering high comfort, high maintainability, and high reliability.
- All structural components are analyzed using CAE simulation to ensure a high safety factor.
- The forward-tilt engine hood features an opening angle of 55° , providing convenient access to the engine, radiator, hydraulic tank, filters, and other components within the engine compartment. The vehicle control unit is positioned inside the engine hood, while the centralized fuse box is located in the right-side compartment of the cab for easy inspection and maintenance.
- The center-articulated oscillation structure provides 9° center oscillation and $\pm 39^{\circ}$ articulated steering, while the short-tail design minimizes the turning radius.
- The braking system is safe and reliable. The canopy meets FOPS and ROPS standards. Equipped with hydraulic lock and quick coupler cylinder lock function buttons to reduce safety risks caused by improper operation.

MAIN PRODUCT FEATURES

POWER

► Efficient Power, Heavy-Duty Performance

- The machine adopts hydrostatic transmission technology with a lightweight structural design and compact layout, delivering high comfort, ease of maintenance, and reliability.
- The hydrostatic vehicle control unit receives signals from the accelerator pedal, brake pedal, sensors, and FNR switch, and uses programmed logic to provide real-time control of travel motor displacement and speed, complemented by inching brake functionality for energy-efficient braking.

SAFETY

► Optimized Design, Enhanced Safety

- All structural components are analyzed using CAE simulation to ensure a high safety factor.
- The integral cab meets FOPS and ROPS standards.
- Equipped with hydraulic lock and quick coupler cylinder lock function buttons to reduce safety risks caused by improper operation.

RELIABILITY

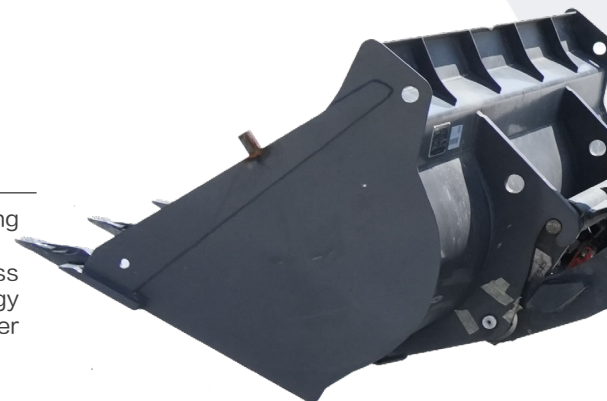
► Superior Performance, Optimal Efficiency

- The front and rear frames feature an integral frame heavy-duty structure designed to withstand resistance and impact loads under various working conditions.
- Equipped with a Z-bar working linkage, the machine delivers excellent lift force and breakout force with high working reliability.

OPERATION

► Precision Control, Proven Reliability

- The FNR integrated control handle meets the one-handed operating preferences of premium customers.
- The adjustable seat and steering column accommodate operators across different anthropometric percentiles. With Jack simulation technology applied to the entire machine and an optimized access design, the loader delivers a premium driving and operating experience.



FLEXIBILITY

► Flexible Steering with Great Versatility

- The center-articulated oscillation structure provides 9° center oscillation and $\pm 39^{\circ}$ articulated steering, while the short-tail design minimizes the turning radius.
- A standard three-function hydraulic quick coupler accommodates a wide range of attachment options to meet diverse user requirements.

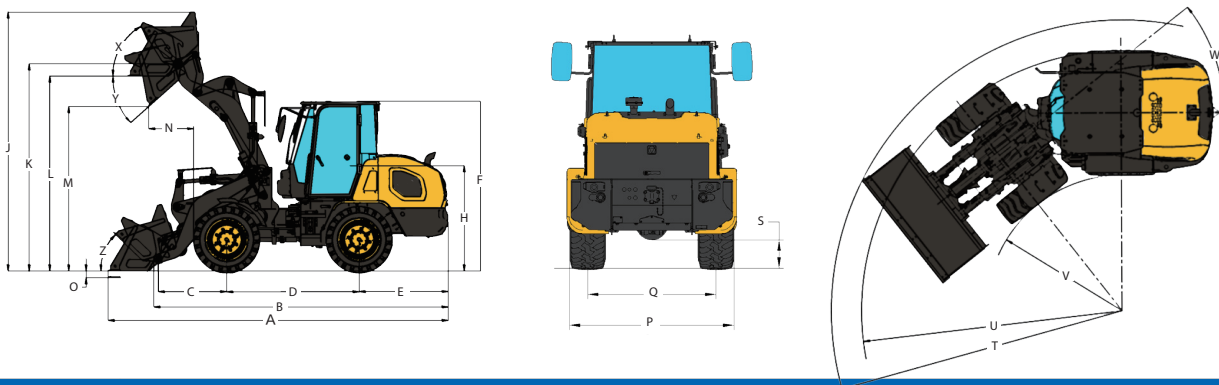
MAINTENANCE

► Centralized Maintenance, Streamlined Service

- The front-flip engine hood features an opening angle of 55° , providing convenient access to the engine, radiator, hydraulic tank, filters, and other components within the engine compartment.
- The vehicle control unit is positioned inside the engine hood, while the centralized fuse box is located in the right-side compartment of the cab for easy inspection and maintenance.



MAIN SPECIFICATIONS



Dimension and Specification		Parameters
A	Overall Length	5620 mm
B	Overall Length without bucket	4640 mm
C	Center of axle to bucket pivot point	1071 mm
D	Wheel base	2150 mm
E	Rear overhang length	1435 mm
F	Overall height	2520 mm
H	Seat height	1660 mm
J	Total working height	4031 mm
K	Height to hinge pin, fully raised	3250 mm
L	Bucket leveling height	2995 mm
M	Dumping height	2480 mm
N	Dumping reach	620 mm
O	Digging depth	85 mm
P	Overall width	1920 mm
Q	Track width	1420 mm
S	Ground clearance	312 mm
T	Turning radius: over bucket	4420 mm
U	Turning radius: over tyre	4015 mm
V	Turning radius: inside of tyre	2125 mm
W	Steering angle	39°
X	Rollback angle, fully raised	53°
Y	Dumping angle for max.lifting	44.5°
Z	Rollback angle on the ground	44°

Engine

Manufacture	Yanmar
Model	4TNV98C
Max. Rated Power	49.9 kW
Max. Rated Speed	2400 rpm
Displacement	3.319 L
Bore	98 mm
Stroke	110 mm

- The technology of XCMG wheel 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.

Overall Parameter

Operating Weight	5400–5600 kg
Bucket Capacity	0.85 m ³
Travel Speed	10/20 km/h

Electrical System

Voltage	12 V
Battery Capacity	120 Ah
Engine Rated Power	0.96 kW
Starter Output Power	3 kW

Main Performances

Max.Digging Force (Bucket)	57 kN
Max.Tractive Force	40 kN
Lifting Capacity at Max.Lifting Height	3870 kg
Bucket Tipping Loads (Straight)	3600–3750 kg
Bucket Tipping Loads (Fully Articulated)	3200–3300 kg
Drive Type	Hydrostatic
Boom Lifting Time	5.5 s
Lowering Time	4 s
Dumping Time	1.5 s
Max. Steering Angle	± 39°
Max. Oscillating Angle	± 9°

Hydraulic System

Working Hydraulic System Flow	84.4 L/min
Working Hydraulic System Pressure	24 MPa
Driving Hydraulic System Flow	167.4 L/min
Driving Hydraulic System Pressure	45 MPa
Steering Hydraulic System Flow	84.4 L/min
Steering Hydraulic System Pressure	19 MPa
Lifting Cylinders	1
Tilting Cylinders	1
Steering Cylinders	1

Maintenance Filling Capacity

Fuel tank	80 L
Engine oil	5.5 L
Engine coolant	10 L
Hydraulic tank	43 L
Hydraulic System (including tank)	80 L
Front axle oil	10 L
Rear axle oil	12 L

Sound Level

Sound Pressure Level	80 dB (A)
Exterior Sound Power Level	101 dB (A)

EQUIPMENT

Item contents	STD	OPT
Powertrain		
Cold start	●	
Front&rear axle 100% differential lock	●	
Service brake-inch brake pedal	●	
Electric parking brake	●	
Manual throttle control	●	
Creeper speed mode	●	
Traction control	●	
Radial tires 405/70R18	●	
Hydraulic System		
Hydraulic lock	●	
Quick coupler oil cylinder lock	●	
Hydraulic oil cooler	●	
Ride control		○
Electrical System		
Electrical air filter blockage alert	●	
Fuel level	●	
Engine coolant temperature display	●	
Engine technometer	●	
Working hour display	●	
Battery main switch	●	
Electric horn	●	
Parking brake	●	
High beams	●	
Reverse light	●	
Rear combination lights(Reserve turn signal,clearance light,brake lights)2	●	
2 Front roof working light (LED)	●	
Rear roof working light (LED)	●	
2 Main light LED	●	
Rotating warning light	●	
Front 13 pin electric control socket	●	
Standard boom		○
Standard bucket		○
360° panoramic image		○

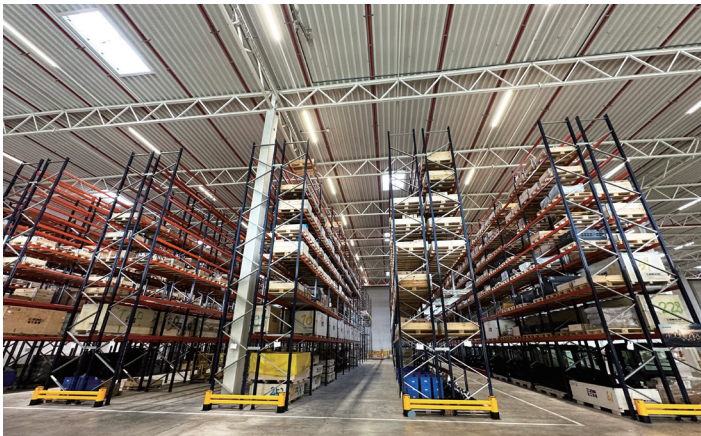
Item contents	STD	OPT
Safety		
Fire extinguisher holder	●	
Boom safe lever	●	
Cab		
Start-up	●	
Welcome light	●	
Rear wiper	●	
ROPS/FOPS cab	●	
Rear window heating	●	
Rearview Camera in main screen	●	
Coat hooker	●	
Magazine bag	●	
Radio Intergrated in main screen	●	
Wrist supports and armrests	●	
USB Charger Type C + 12V electric socket	●	
Heater	●	
Air suspension seat	●	
Phone holder	●	
Cup holder	●	
Single brake pedal	●	
Adjustable rearview mirror (heated)		○
Others		
Counterweight	●	
Traction pin	●	
Handralls/ladders/Platforms/pedals	●	
Splash guard (front/rear)	●	
ECD (Engine Connection Diagnosis)	●	
Wheel chock		○
Attachment		
EU standard quicker coupler	●	
0.85 m³ standard bucketket	●	
Forklift	●	○

OPTIMUM SERVICES XCMG GUARANTEED



Telematic Information Processing

Remote Diagnosis. GPS terminal system monitors the construction state of the machine and the operating.



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.



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.





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