

ADVANCED TECHNOLOGY



SKID STEER **XC7-SR08**

Product Specifications

RATED LOAD	955 kg
RATED POWER	50.2 kW/2400 RPM
BUCKET CAPACITY	0.4m ³
ENGINE	Yanmar 4TNV98-ZCPTYBC

SPECIFICATIONS

The XCMG XC7-SR07 is an innovative skid steer loader with upgraded technology and improved performance. Featuring excellent safety, reliability, advanced technology, and efficiency, it's ideal in a variety of applications such as road construction, maintenance, cleaning, construction, forestry, garden landscaping, agriculture, slope paving and levelling, and lifting and handling.

FEATURES

- Excellent safety, reliability, and efficiency. The radial lifting mechanism features higher lifting capacity and one-way levelling, ensuring higher operation efficiency.
- Within the panoramic cab, the cockpit features an electronic real-time monitoring system with an intelligent advanced screen.
- Drivetrain system: excellent power performance; maintenance-free sprocket box designed with long wheelbase and adapted to various ultra-heavy-duty operating conditions, featuring incomparable stability.
- Hydraulic system: key components from world-class brands, supporting boom lifting and levelling operations, as well as stepless speed regulation and intelligent control of coupled tools.
- Locking, centralised pressure measurement and parking brake functions; ensuring fast and efficient transfer with a driving speed up to 14km/h.
- Operating unit: radial lifting mechanism, featuring higher lifting capacity, universal quick couplings enabling easy change of various operating units to meet different operating requirements.
- Electronic control system: electro-hydraulic control, higher safety with electric control interlock (interlock override).

MAINTAINABILITY

- The cab can be tipped over at a large angle, and the rear and upper hoods can be rotated to open. The quickly-detachable side panels and foot compartment enable convenient repair and maintenance of vehicle components.
- Cockpit maintainability: All electrical components (battery, fuses and switches), filter and oil drain port are easily accessible.
- The combined pressure testing connector can quickly test the pressure of the hydraulic system, and efficiently analyse and eliminate system faults

COMFORT DESIGN

- The super-large luxurious cab is integrated with XCMG family-style design and C-type appearance, featuring spacious room and wide field of view.
- The air conditioner features excellent performance due to optimised internal air duct, balanced flow field and stable temperature control, and is configured with eight air outlets and supports glass defrosting and foot warming functions.
- The machine is equipped with hydraulic pilot + hydraulic control & multi-functional electric control to improve operating comfort.
- The mechanical suspension seat, featuring anti-vibration performance according to the EM9 standard, can be adjusted at different angles according to the comfort of the human body, and is configured with a 2" wide seat belt as standard.

PRODUCT RELIABILITY

- Warm-up idle speed: able to reach the operating temperature more quickly by increasing the engine idle speed slightly after the vehicle is started in the cold state.
- Engine monitoring and alarm: monitoring the coolant temperature, engine oil pressure, hydraulic oil temperature, etc.; producing an alarm and displaying the fault code in case the measured data exceeds the set value.
- Overload protection: able to limit the output torque and speed of the engine in case of overload for a prolonged duration, in order to prevent overheating and damage, minimise wear and avoid further failures.
- The welded sprocket box is integrated with the frame, featuring high structural strength, easy disassembly/assembly, and zero maintenance.
- High-strength roller bearings can withstand large radial and axial loads, and guarantee better performance under vibration and impact load conditions.



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WORKING PARAMETERS

Rated load	955 kg
Bucket capacity	0.4 m ³
Operating mass	3210 kg
Rated power of the engine	50.2 kW
Rated speed of the engine	2400 rpm
Dumping height	2400 mm
Dumping range	550 mm
Wheel base	1079 mm
Wheel track	1370 mm
Max breakout force	24 kN
Max tractive force	25 kN
Total cycle time	≤10 s
Max. driving speed	14 km/h
Overall dimensions (L x W x H)	3410*1800*1960 mm

SYSTEMS

Engine	Yanmar 4TNV98-ZCPTYBC
Type	Inline four-cylinder, naturally aspirated, high pressure common rail
Displacement	3.319 L
Max torque	218.9~238.8/1550 -Nm/rpm
Emission standard	Non-road China III
Cab ROPS	According to ISO 3471:2008
Cab FOPS	According to ISO 3449:2005 Level 1
Tyre	10-16.5
Standard auxiliary flow	79 L/min
High auxiliary flow	125 L/min
Hydraulic pressure	210 bar
Air Conditioning	Cooling and heating

DIMENSIONS

