



SOLID TO SUCCEED

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XCMG OFFICIAL WEBSITE



XCMG SERVICE ACCOUNT

155WECR

WHEEL EXCAVATOR



Rated Power: 115 kW
Operating Weight: 17600 kg
Standard Bucket Capacity: 0.6 m³

SOLID TO SUCCEED

The newly upgraded XE155WECR builds on its reputation as one of the most sold and appreciated excavators of XCMG. All features have been designed on the basis of examining customer demands including sufficient power and hydraulic flow, versatility, low fuel consumption and emissions.

BUILT TO LAST:

Reinforced castings and forged steel pivot points and reinforced heavy-duty arm and boom to withstand high-impact materials. Articulated boom for added versatility. Improved hydraulic line routing to protect your investment.

MADE TO DO MORE:

The product can be equipped with a multifunctional tool system to meet different operation requirements such as digging, crushing, grabbing, shearing, etc.; the tool quick-change system is configured to make tool replacement easier.

SAFETY SOLUTIONS :

The design of each XCMG excavator takes safety as the primary consideration. The cab complies with ROPS certification to ensure the safety of the driver; the smooth shift switch and various function buttons with light can accurately and conveniently operate the machine; the electronic throttle pedal makes acceleration smoother and driving more comfortable, and the designed slow-moving function can cope with various harsh driving conditions.

OPTIONAL FEATURES GIVE YOU MORE:

The XE155WECR is equipped with all the features that operators expect in the industry. Plus, it can always surprise you with a wide range of optional equipment.

POWERFUL AND RELIABLE CHASSIS SYSTEM

Three-state front axle swing control mode (on/off/auto) can provide better driving performance according to working conditions; high-quality gearbox and heavy-duty axle ensure that the transmission system is more suitable for wheeled excavator applications in complex environments.

If you are looking for a tough machine from a durable brand you can trust to get your work done with efficiency, look no further than our XE155WECR. Its versatile design and innovative features delivery the performance you expect to do various difficult jobs.

OPERATOR COMFORT:

Equipped with comfortable adjustable seats, ergonomically arranged pedals and an adjustable steering column assembly; ample storage space, multiple storage boxes, including a hot/cold box and HVAC system.

PRECISE CONTROL:

The vehicle's forward, neutral, reverse and high/low gears are located on the right joystick, which is in line with the road equipment operation habits and has cruise and slow-moving functions.

POWERFUL ENGINE:

The reliable Cummins B4.5 engine has smooth power output, provides excellent power, and reduces emissions and fuel consumption.

DURABLE AND STURDY:

Highly specialized design and analysis tools, combined with bench testing, ensure that each component is durable, and the material and structural strength and toughness of the product are rigorously tested under the most extreme conditions.

USER FRIENDLY:

The exterior industrial design is more in line with ergonomics technology and the standard air suspension seat with electric heating function can effectively relieve the driver's fatigue after working for a long time.





Excellent Performance and Fuel Economy



Powerful & Efficient

The XE155WECR makes handling of your tasks efficient and comfortable.

- British imported Cummins high power engine with Kawasaki positive flow hydraulic system, more powerful and more efficient.
- Fast travelling speeds and the ability to self-transfer over long distances.
- Imported ZF high-quality automatic transmission, with three-state adjustable suspension control system higher transmission efficiency and more sensitive braking.



POWER MATCH TECHNOLOGY

XE155WECR is equipped with an imported Cummins B4.5 engine, which has stable power output and quick response, and can achieve continuous, stable and powerful power output at low speed. It has an automatic idling function to save fuel. It uses a high static pressure and low speed fan to reduce additional fuel consumption and noise. It is designed with a new generation of control system, which greatly reduces operating fuel consumption.

Energysaving & Ecofriendly

- Customized engine power curve based on big data of wheel digging conditions, good engine fuel economy, lower fuel consumption.
- Fuel saving with auto idle function.
- Meeting European CE marking requirements.



First Choice for Comfort



The XE155WECR cab is equipped with a smooth shift switch and various function buttons with light, which can accurately and conveniently operate the machine; the electronic throttle pedal makes acceleration smoother and driving more comfortable, and the designed slow-moving function can cope with various harsh driving conditions.



Power

An industry-leading Cummins engine that saves on fuel and meets the Stage V/Tier 4 F emission regulations powers the XCMG XE155WECR.

Air suspension seats

Standard air suspension seats with electric heating function, effectively relieving operator's fatigue from long working hours.

Advanced control technology

Advanced and easy to operate, and features an adjustable steering wheel and armrest box to enhance the driving experience.

Air conditioning

The air conditioning has the function of heating and cooling. The air outlet direction can be adjusted by hand. Multiple wind speeds are also available.

Stability comonents

The weighted bulldozer and outrigger stability components have been rigorously calculated and tested to ensure machine durability and stability.





Simple and Easy Control



Machine interfaces

All machine interfaces are ergonomically designed for optimum control and efficiency, resulting in increased productivity and workplace well-being. The switches have been simplified and climate control is now integrated into the control panel for easy adjustments.

The vehicle's forward, neutral, reverse and high/low gears are located on the right joystick, which is in line with the road equipment operation habits and has cruise and slow-moving functions.

Highly sensitive and low-effort joysticks and clear convenient controls enable you to work smooth and safely with minimum effort for increased comfort and efficiency.

The wheel side braking system makes the machine braking more effective.

Electronically controlled positive flow hydraulic system with high control accuracy.

Kawasaki 13RB main valve and electronically controlled boom provide more precise flow distribution and more comfortable machine control.

Kawasaki 80cc large displacement twin pump, more efficient.



Reliability



Designed for long-term robustness and safety

XCMG has developed one of the most rigorous testing procedures to test the strength and reliability. XCMG has durability under the most extreme conditions and is therefore one of the most popular brands in its home market. We continually manufacture the most durable machines in order to reduce the cost of ownership. The robust upper frame, undercarriage structure, and front attachments show their real value in tough working conditions and guarantee higher productivity.



The travelling device has been verified by more than 100,000 hours of working conditions, and the transmission efficiency is higher than 90%.

With optimized electronically controlled throttle curve comes a smooth start without impact, and the stability and coordination of the whole machine is smoother.



Equipped with imported Cummins B4.5 engine, stable power output, sensitive response, can achieve continuous stable and powerful power output at low speed.

A variety of working attachments can be selected to maximize the utilization of the equipment; three driving modes, high speed, low speed and slow speed, are available to adapt to various complex terrains.



Excellent serviceability

Our machines are designed for simple routine maintenance, while skilled XCMG technicians are available to provide extra support if needed. To get the most out of your machine, choose the package you need from a broad range of service agreements. Uptime, productivity and residual value are all maximized, making the XE155WECR an economical and rewarding choice.

Electric centralized lubrication system setting operator worry-free and saving efforts.

With optimized electronically controlled throttle curve comes a smooth start without impact, and the stability and coordination of the whole machine is smoother.



Engine

XE155WECR	
Engine brand/model	Cummins/B4.5
Rated power/rpm	115 kW/2000 rpm
Stroke	124 mm
Cylinder bore	107 mm
Number of cylinders	4
Maximum torque/rpm	712 N·m/1200 rpm
Displacement	4.5 L

Hydraulic system

XE155WECR	
Main pump	2 × variable pumps
PTO pump	2 × Gear pumps
PTO pump flow rate	38 + 18 L/min
PTO pump pressure	21 MPa
Maximum flow rate of main system	2 × 160 L/min
Main system pressure	34.3 MPa
Main system pressure (power-max pressure)	37.4 MPa
Pilot system pressure	3.9 MPa
PTO pump pressure	21 MPa
Travel system pressure	31.4 MPa
Swing system pressure	25.5 MPa

Main performance

XE155WECR	
Travel speed (high/low)	10-35 km/h
Swing speed	9 rpm
Max. swing torque	30.62 kN·m
Gradeability	25.5° (47.7%)
Arm digging force (ISO)	80 kN
Bucket digging force (ISO)	100 kN
Maximum traction force	83 kN

Cab standard

XE155WECR	
ISO 10262: 1998 (OPG)	√
ISO 12117-2: 2008 (ROPS)	√

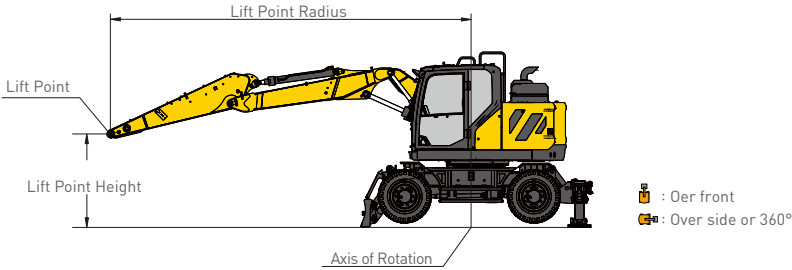
Fluid capacities

XE155WECR	
Fuel tank capacity	200 L
Def tank capacity	24 L
Hydraulic oil capacity	110 L

XE155WECR

■ **Never attempt to lift or hold any load in excess of the rated lifting capacity at the specified lifting radius and height. The lifting point is located on the lifting eye of the arm.**

A B		1.5 m		3.0 m		4.5 m		6.0 m		最大半径 At Max.Reach		
												A
7.5 m	ft					*4.04	*4.04			*3.07	4.78/16	4.78 m
6.0 m	ft					*4.52	*4.52	*3.35	*3.35	*2.61	6.15/20	6.15 m
4.5 m	ft					*5.12	*5.12	*4.65	*3.89	*2.45	6.94/23	6.94 m
3.0 m	ft					*6.23	*6.23	*5.07	*3.79	*2.43	7.33/24	7.33 m
1.5 m	ft					*7.28	*5.52	*5.54	*3.69	*2.53	7.41/24	7.41 m
0.0 m	ft			*5.75	*5.75	*7.76	*5.37	*5.76	*3.61	*2.76	7.18/23	7.18 m
-1.5 m	ft			*9.91	*9.91	*7.5	*5.34	*5.48	*3.59	*3.23	6.59/22	6.59 m



Lifting capacities marked with an asterisk (*) are limited by hydraulic capacity, see note 2.

When determining the net lifting weight allowed for the machine, the weight of the slings and any auxiliary lifting devices must be deducted from the rated lifting capacity. Lifting capacity is based on the machine standing on firm and level ground. The operator should consider working conditions such as soft or uneven ground. Before operating the machine, the operator should familiarize himself with the safety procedures in the relevant manual.

1. The lifting capacities in the table refer to the case where no external thrust intervention is included.

2. The lifting capacities in the table should not exceed 75% of the minimum tipping load or 87% of the hydraulic capacity.

3. The least stable position is on the side of the excavator.

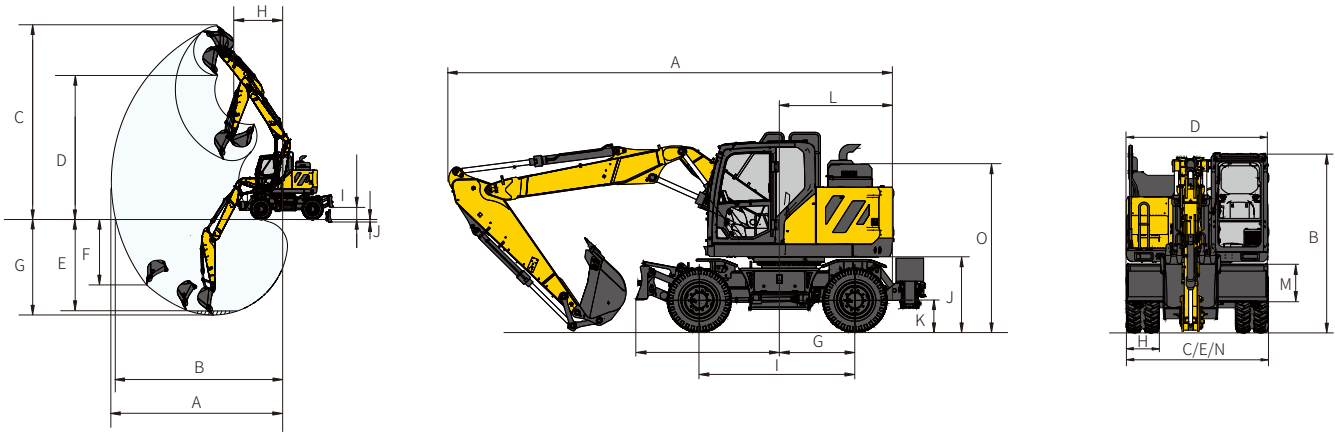
Note 4 The lifting capacity table applies only to machines originally built and normally assembled by the manufacturer.

4.
5. The machine is rated for an operating mass of 17600 kg , which includes a 4.9 m boom, a 2.51 m arm, a 2700 kgcounterweight, all working fluids, and a 75 kg (165 lb) operator, exclusive of the bucket.

6.

6. Lifting capacity shall be in accordance with ISO 10567:2007.

7. For all configurations of track specifications, the lifting capacity is kept within ±5%.



Working range

		XE155WECR
A	Maximum reach	8646 mm
B	Maximum reach at GRP	8426 mm
C	Maximum digging height	9776 mm
D	Maximum unloading height	7268 mm
E	8 ft. level floor digging depth	4599 mm
F	Maximum vertical digging depth	4229 mm
G	Maximum digging depth	4805 mm
H	Minimum swing radius	2859 mm
I	Maximum lifting height of dozer blade	534 mm
J	Maximum cutting depth of dozer blade	98 mm

Dimensions

		XE155WECR
A	Overall length	7992mm
B	Overall height	3327mm
C	Overall width	2510mm
D	Upper structure width	2490 mm
E	Chassis width	2510 mm
F	Minimum turning radius	7300 mm
G	Distance from the front axle to the swing center	1500 mm
H	Tread width	580 mm
I	Wheelbase	2600 mm
J	Counterweight ground clearance	1262 mm
K	Minimum ground clearance	350 mm
L	Tail Swing Radius	1750 mm
M	Dozer blade height	648 mm
N	Dozer blade width (unfolded/folded)	2495 mm
O	Hood height	2578 mm

Standard and optional equipment

Work equipment

4.9m boom	●
2.51m arm	●
Security valves for boom & arm cylinders	●

Cabin

Cab	●
Cab full-guard	○
AM/FM bluetooth radio	●
DAB radio	○

Hydraulics

Left proportional joystick	●
Right proportional joystick	●
Dozer blade and Outtrigger	●

Electric

Displayer languages: Chinese, English, Spanish, Portuguese, French, German, Italian, Turkish, Hungarian	●
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Right & Rear Cameras

Other equipment

2.7T counterweight	●
Electric centralized lubrication system	●
Fuel filling pump	○

Undercarriage

10.00-20-16PR Tyres 10.00-20-16PR	●
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Attachments

Thumb (includes thumb cylinder and kit)	○
Hammer 1: Side type hydraulic hammer	○
General duty bucket 0.7m³	○

Heavy duty bucket 1: capacity 1m³, width 1346mm, weight 867kg (standard)	○
XCMG or Miller hydraulic quick coupler	○

Standard: ●
Optional: ○

·Some of this standard or optional equipment may not be available for certain markets.
·Pictures may include attachments and optional equipment that are not available in your area.
·Materials and specifications are subject to change without advance notice.
·Please contact your local XCMG dealer for more information on availability or to customize your machine to suit your applications requirements.



Optimum services , XCMG Guaranteed



XCMG-approved attachments



Genuine parts



Extension of warranty



Financial solutions



Maintenance contract



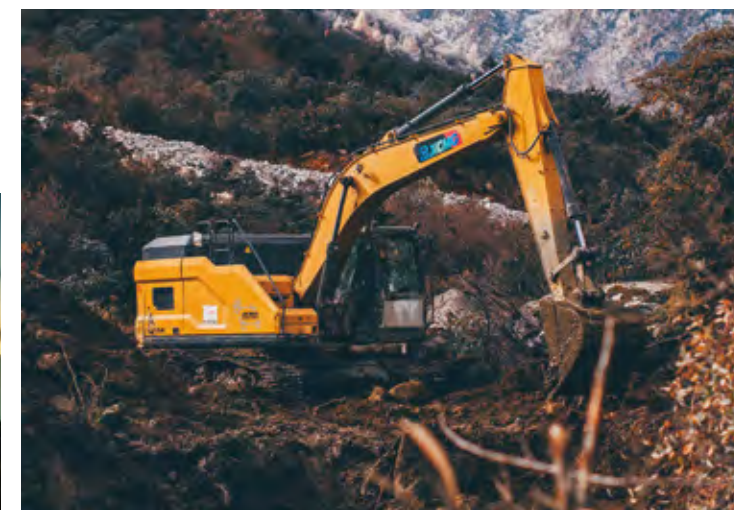
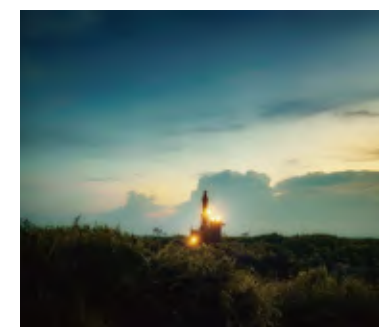
Telematics

Professional Integrated Complete Solutions

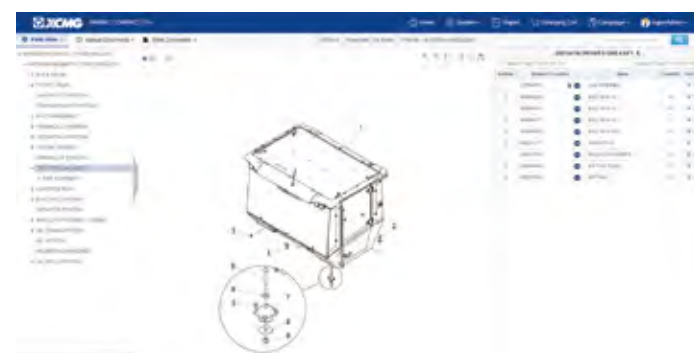
The XCMG group has built a strong reputation based on the quality, reliability and durability of its construction machinery. What's more, XCMG has gradually established a service network to constantly provide its local integrated and highly efficient complete solutions for all customers.

Full Range of Services Ready for you

In order to respond to your needs as fast as possible, XCMG 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



XCMG

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