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Featured machines in photos may include additional equipment. See your XCMG dealer for available options.



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Mini Excavators
XE19U 



Rated Power: 15.4 kw
Operating Weight: 1.9 t
Standard Bucket Capacity: 0.04 m³





INTRODUCTION OF XCMG

Founded in 1943, XCMG is a multinational corporation with the most comprehensive range of competitive, influential products in the construction machinery industry. Our business covers eight key areas: construction machinery, heavy trucks, mining machinery, sanitation machinery, machinery components, construction, finance, and the ICT industry. XCMG has established a global R&D network with a total of six centers in China, the US, Germany, Brazil and India, with China national technology center at its core. In addition to a number of manufacturing bases in China, the US, Germany, the Netherlands, Poland, Austria, Brazil, India, and Uzbekistan, we possess two complete machine brands (XCMG, Schwing), and several component brands including FT, AMCA. It is the strength of this global R&D network and manufacturing operations that has made XCMG the industry leading global construction equipment manufacturer that it is today. For more than 30 years, XCMG has been sowing the seeds of overseas development as the No. 1 exporter in China's construction machinery industry. Today, we have 42 branches and offices, 315 distributors, 526 contractors in 191 countries and regions worldwide and are still growing rapidly.

XCMG IN AUSTRALIA

Since its foundation in 2006, XCMG is gradually establishing a complete network including: local distribution, supply chain management and an integrated customer services and training. Nowadays, with one headquarter in Adelaide, XCMG Australia has 6 professional dealers focusing on construction equipment business. Meanwhile, XCMG has deep connections with mining giants like Rio Tinto, BHP and MMG in Australia.

Our local professional team and cutting-edge innovation platform guarantee that our products are carefully crafted to the smallest detail according to the diverse needs of Australian customers.



High Performance in Tight Conditions

► A Compact Model with High Performance

This mini excavator is ready for today's tough jobs. The XE19U with OPG/TOPS/ROPS (ISO 3471) canopy provides excellent visibility, stability, optimal comfort, and safety. For tough jobs in tight corners that demand precision control and state-of-the-art performance. The XE19U is ready to work, offering the following advanced features: Short-tail swing, hydraulic retractable undercarriage, boom swing, short and long arm, and powerful digging forces. Add high reliability, low operating costs, and superior efficiency, you have the ideal mini excavator for a wide range of modern jobs.

Short-tail swing

With short-tail swing, even the tightest space becomes an efficient work place. As the starting point for developing our short-tail XE19E, balance and fast and smooth operation were our main targets. The result is a compact excavator with excellent balance, which comes to its full potential in urban environments, landscaping, and small demolition in and outside buildings.

Retractable Undercarriage

With the standard hydraulic retractable undercarriage, passing through narrow doorways and gates becomes very easy. The undercarriage guarantees the operator better stability together with improved lifting and loading performance.

Boom Swing

The left and right boom swing angle supports complex operating conditions like parallel wall digging or working in narrow spaces.

AUX1 Double Working Attachment Pipeline as Standard

The auxiliary pipeline provides single-way as well as dual-way hydraulic control, for easy control of attachments.



Operational Comfort

► Large Operator Environment with Ergonomic Control Layout

The XE19U provides an uncompromised operator environment – which, together with excellent visibility, provides unmatched operator comfort and safety. This machine is built around the operator – providing optimal ergonomics for operators of all sizes. Access to the seat is convenient thanks to the large entry.





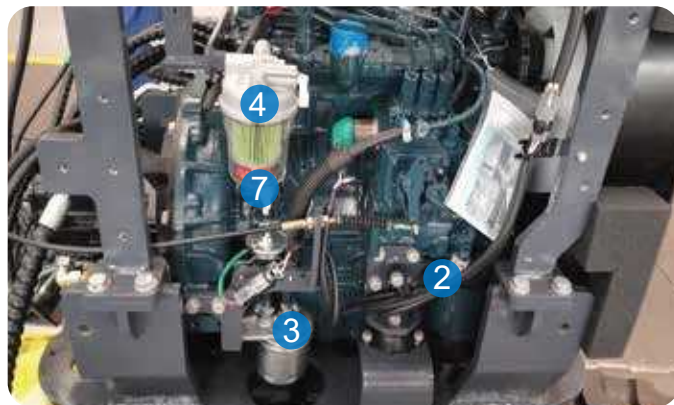
Easy Access for Maintenance

► Easy Service Access

The XE19U was developed with particular attention to ease of service access. With a single access point for the daily maintenance of all main components, a fuel level gauge and refueling through the lockable cap.



The XE19U is designed for lower maintenance costs with longer service intervals—resulting in more machine availability on-site. Meanwhile, skilled XCMG-trained technicians are available to provide extra support when needed.



- 1 Oil level gauge
- 2 Oil filter
- 3 Diesel filter
- 4 Oil-water separator

- 5 Auxiliary water tank
- 6 Air filter
- 7 Start motor



Technical Specifications

■ Engine

XE19U	
Make/model	Kubota/D1105/EU Stage V
Fuel/cooling	Diesel/Liquid, forced circulation
No. of cylinders	3
Piston displacement	1123 cm ³
Power output	15.4kW (20.9hp) /2400 rpm (ISO 14396)
Max torque	70.3 Nm/1600 rpm
Bore × stroke	78.0 mm×78.4 mm
Alternator	12 V/40 A

■ Hydraulic system

This XCMG design allows independent and combined operations of all functions by hydraulic pilot-controlled levers.

• Pump

XE19U	
Type	Load-sensing axial-piston pump with variable displacement
Maximum system flow rate	50.6 l/min
AUX1 maximum flow rate	44.7 l/min
AUX1 standard pressure	180 bar

• Maximum system pressure

XE19U	
Relief valve setting pressure	25.3 MPa
Travel system	25.3 MPa
Swing system	11 MPa
Pilot system	3.5 MPa

■ Undercarriage

Retractable undercarriage. The heavy-duty crawler chassis is very resilient with its fully welded, stress-free structure. Long service life is ensured by the use of first-class materials: hydraulic chain adjusters with shock-absorbing return springs, lifetime-lubricated track rollers and idlers.

• Number of rollers and track shoes

XE19U	
Bottom rollers (per side)	3
Track shoes Rubber	Rubber
Overall track length	1563.5 mm
Shoe width	230 mm

■ Fluid capacities

XE19U	
Cooling system (radiator capacity)	5 L
Engine lubrication plus oil filter	5.1 L
Fuel tank	25 L
Hydraulic tank	14.6 L
Hydraulic system	24.6 L

■ Environment

Noise levels comply with environmental regulations (dynamic values).

• Noise emission

XE19U	
Noise level LwA (ISO 6395)	93 dB(A)

■ Swing mechanism

A high-torque, axial piston motor with a planetary reduction gear bathed in oil. Swing circle is single-row, shear type ball bearing with induction-hardened internal gear. Internal gear and pinion gear are immersed in lubricant. A two-position swing lock secures the upper structure for transportation.

• Swing system

XE19U	
Boom swing, left	60°
Boom swing, right	50°
Slew rate	10 rpm

■ Drive

Each track is driven by an independent, high-torque, axial piston motor through planetary reduction gears. Two control levers provide smooth travel upon demand.

• Speed & traction

XE19U	
Travel speed (low - high)	2.2-4.2 km/h
Traction force	21.4 kN
Gradeability	30°

■ Digging forces (ISO 6015)

XE19U	
Digging force, standard arm (ISO 6015)	10 kN
Digging force, bucket (ISO 6015)	16 kN

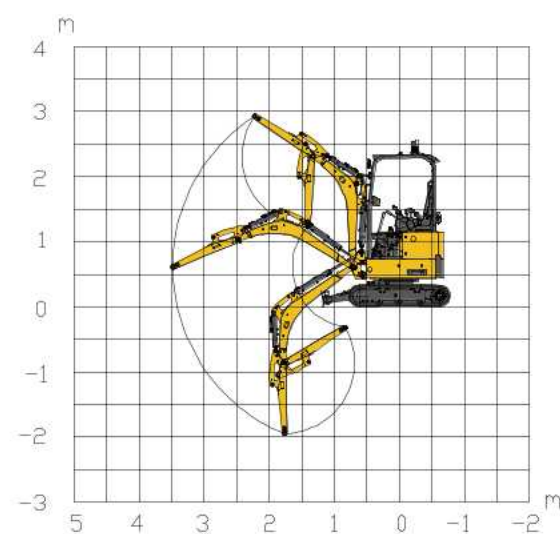
■ Weight

XE19U	
Operating weight with canopy and bucket (ISO 6016)	1900 kg
Ground pressure with rubber tracks	0.336 kgf/cm ²
Transport mass (no attachment)	1825 kg
Weight of rubber tracks	53 kg

XE19U

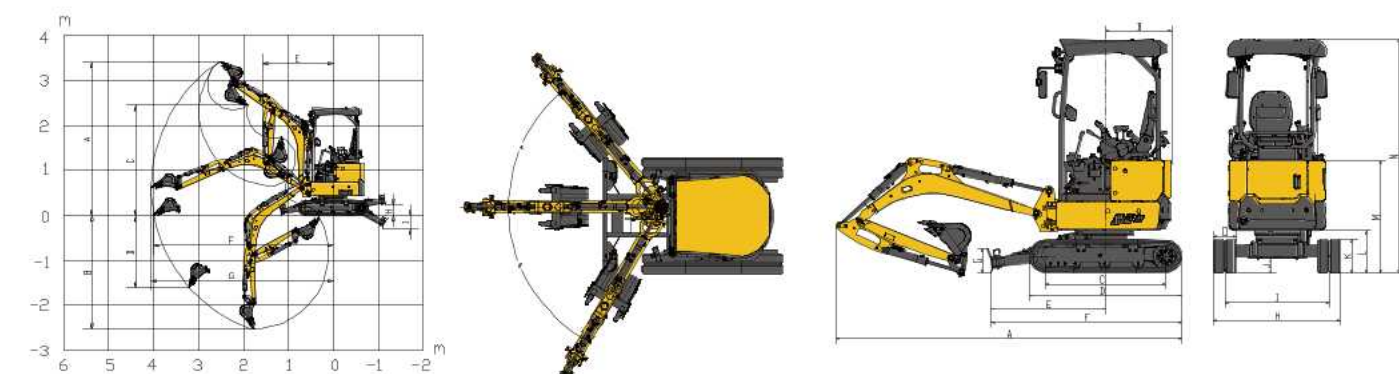
■ Canopy • standard arm (1090 mm) • extended undercarriage • without bucket

Lift Point Height	Over Front				Over Side				Max Radius (mm)
	Lift At Max Radius (Kg)	1.0 m	2.0 m	3.0 m	Lift At Max Radius(kg)	1.0 m	2.0 m	3.0 m	
2.5 m	358.6				337				2739
2 m	296.5			313.4	278.5			294.5	3109
1 m	250		549.9	306.3	234.6		514	287.4	3455
0 m	248.7		514.5	295.3	233.1		479.2	276.6	3413
-1 m	297.3	999	508.8		278.3	999	473.6		2963
-1.5 m	*324.9	999	*466		*324.9	999	*466		2500



● : Over front
■ : Over side or 360°

1. The lifting capacity is based on the ISO10567 standard.
2. * = The maximum lifting capacity is limited by the hydraulic capacity of the machine.
3. The lifting capacity does not exceed 87% of the hydraulic capacity or 75 % of the tipping load with the machine on level and firm ground.
4. The operator should be familiar with the machines operating- and maintenance manual. Local regulations concerning the safe operation of machinery must be followed at all times.
5. The lift diagrams only covers machines that are originally built by XCMG: without lifting chains and any other lifting equipment.
6. When the excavator is used to lift or handle materials, it must comply with local regulations.



■ Working range

	XE19U
A	Maximum digging height
B	Maximum digging depth
C	Maximum dumping height
D	Maximum vertical wall digging depth
E	Minimum swing radius
F	Maximum digging reach at ground level
G	Maximum digging reach
H	Maximum dozer lifting height
I	Maximum dozer cutting depth

■ Dimensions

	XE19U
A	Overall length
B	Tail slew radius
C	Tumbler length
D	Track length
E	Dozer blade, maximum reach at ground level
F	Undercarriage length
G	Dozer blade height
H	Overall width
I	Track gauge
J	Minimum ground clearance
K	Track height
L	Ground clearance of counterweight
M	Overall Height of engin hood
N	Overall height
O	Track shoe width
a	Maximum boom swing angle to the right
b	Maximum boom swing angle to the left

► Standard and Optional Equipment

■ Engine

Kubota engine D1105, EU Stage V

■ Hydraulic system

Single or dual way pipeline (AUX1)
Auxiliary hydraulic valve

■ Canopy

OPG/TOPS/ ROPS (ISO 3471) canopy
Adjustable seat with retractable belt
Color LCD monitor
AUX1 control foot pedal
Foldable&ergonomic pedals

■ Undercarriage

Extendable undercarriage (990/1300 mm)
Easy extendable blade
Tie down bracket
Rubber tracks 230 mm

■ Safety

Engine overheat warning and restart prevention system
Hydraulic safety locking lever
Work light (1 on boom)
Battery switch off

■ Other

Standard arm 1090 mm
General purpose bucket 0.04 m³
Quick coupler, attachments such as hammer, clamshell

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

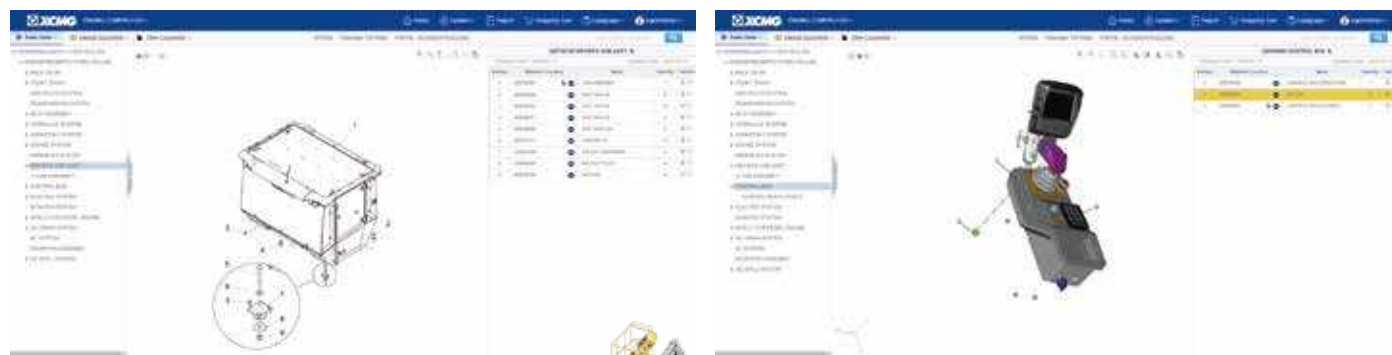
The XCMG group has built a strong reputation based on the quality, reliability and durability of its construction machinery. What's more, XCMG has gradually established a service network to constantly provide its local integrated and highly efficient complete solutions for all customers.



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. A Full range of services is available in order to reduce your total cost of ownership and increase your revenue.

XCMG Global Spare Parts System



Mobile cranes



Excavators



Aerial work platforms



Wheel loaders



Road machinery

