

EXCELLENCE IN CONSTRUCTION

- Optimised operator efficiency
- Exceptional fuel economy
- Simplified maintenance



MADE FOR AUSTRALIAN CONDITIONS



EXCAVATOR **XE90U**

Product Specifications

OPERATING WEIGHT
9,500 kg

RATED POWER
54.6 kW / 2200 rpm

BUCKET CAPACITY
0.35 m³

ENGINE
Kubota V3307/CRTES

Built for tough Aussie conditions.



PRODUCT HIGHLIGHTS

- The 54.6 kW Kubota engine delivers strong digging forces and smooth, fuel-efficient operation for demanding Australian job sites.
- Short tail swing and offset boom enable effective work in tight spaces, making it ideal for urban construction, roadworks, and confined excavation tasks.
- Load-sensing hydraulic system with high flow ensures precise attachment control, fast response, and improved productivity across multiple applications.
- Spacious ROPS/FOPS cabin with ergonomic controls plus simplified service access reduces downtime and enhances operator safety and comfort.

MACHINE WALKAROUND

ENGINE

Kubota Stage V 54.6kW / 2200 rpm
Engine emergency stop (1 inside cab)
Pre-air-cleaner (cyclone style)
Engine oil drain coupler
Expansion tank
Fuel cooler
Fuel pre-filter with water separator
Radiator, oil cooler and intercooler

HYDRAULIC SYSTEM

Bi-direction piping
Boom anti-drop valve
Arm anti-drop valve
Drain filter (return hydraulic filter)
Pilot filter
Suction filter
Work mode selector

ELECTRIC SYSTEM

Rear camera
Beacon
Travel alarm
Lockable isolator (Battery) red
UHF radio*
12V power port (inside cabin)

WORKING DEVICE

Digging bucket width 300mm
Digging bucket width 450mm
Digging bucket width 600mm
Mud bucket width 1200mm

CABIN

ISO seat belt (two point)

Mechanical suspension seat
Heater and A/C
Sunroof and front roller blind
Factory standard coloured window glasses
TOPS
OPG certification and nameplate
Cabin top guard
Cabin front guard (half/full)*
Electric horn
Escape hammer
Front window washer
Documentation bag
Pilot shut-off lever
Windows on left rear side can be opened
Wind-screen wiper
2 stereo speakers
4 rubber mounts

UPPER STRUCTURES

Hand rail on top of upper frame*
Extinguisher*
Extinguisher racket (only cabin)
Reflective tape*
Hydraulic oil level indicator
Lockable fuel refilling cap
Handrails
Swing brake
Undercover

UNDERCARRIAGE

Bolt-on sprocket
Rubber track (450mm)
Undercarriage undercover
Travel direction sign on track frame

Travel motor covers
Park brake
Upper rollers and lower rollers
4 tie-down points

MONITORING SYSTEM

Warning and alarm system, overheating, engine warning, engine oil pressure, alternator, min. fuel level, hydraulic filter clogging, work mode.
Display: Water temperature, hour, fuel level
Other Displays: Auto-idle, rear view mirrors

LIGHTING

LED lights for camera (side and rear view camera), 1 working LED light (1 on each side of boom), 3 cab LED lights, 2 LED front above the cabin, 1 LED rear light above the cabin.

OTHER

Arm length: 1823 mm
Boom length: 3400 mm
Standard factory dozer blade
Quick hitch
Maintenance, Operation Manual

*Optional inclusion

DESIGNED TO PERFORM

POWERFUL ENGINE

The Kubota V3307 Stage V emissions common rail diesel engine, equipped with EGR, DOC and DPF technology, has been specifically tuned by XCMG for construction machinery.

The engine output is significantly increased, thereby remarkably shortening the digging cycle time. The XE90U delivers high performance without any reduction in speed, even when heavy loads are applied or when travelling on slopes.

COMPLETE VERSATILITY

With a left swing boom of 62 degrees and a right swing of 50 degrees, combined with a short tail swing design, the XE90U can handle a wider range of tasks and operate effectively in more confined spaces than traditional tail swing excavators.

AUX1, AUX2, drain oil lines and hitch lines are provided as standard, offering excellent multi-attachment capability. A specially designed blade float function allows for easy clean-up.

HEAVY-DUTY DESIGN

An enhanced boom and arm, slew bearing, lower rollers, and more powerful dual-speed track motors, together with a dual air intake filtration system, ensure outstanding heavy-duty performance.



SAFETY FIRST

The XE90U comes equipped as standard with anti-drop valves for the boom, arm and blade, preventing elevated loads from dropping unexpectedly.



DESIGNED FOR THE OPERATOR

- 1 Foldable pedals
- 2 All-around air vents
- 3 Control handles
- 4 Colour LCD monitor
- 5 Sunroof
- 6 LED light
- 7 Speaker
- 8 Hydr piloted joystick
- 9 Storage compartment
- 10 Cup holder
- 11 12V 120W power outlet
- 12 Adjustable seat
- 13 Arm lock release
- 14 Door lock release
- 15 Blade control lever
- 16 Operator controls - radio, A/C, LCD monitor
- 17 Operator controls
- 18 Aux and USB input
- 19 Emergency stop
- 20 Key start/ stop switch
- 21 Adjustable armrest
- 22 Openable window
- 23 Coat hook
- 24 Escape hammer
- 25 Fire extinguisher bracket



EXCELLENCE IN CONSTRUCTION

LIFTING CAPACITIES

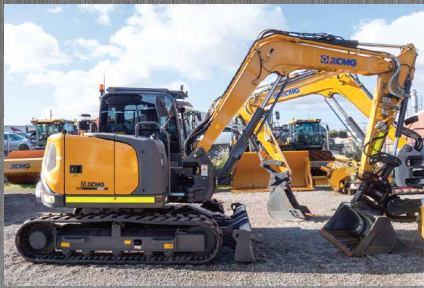
LIFTING POINT HEIGHT	OVER FRONT BLADE					OVER SIDE OR 360°					MAX. RADIUS (mm)
	3m	4m	5m	6m	AT MAX. REACH	3m	4m	5m	6m	AT MAX. REACH	
6m	3,436kg	2,410kg			1,768kg	3,167kg	1,985kg			1,424kg	4,000
5m	2,712kg	2,471kg	1,722kg		1,333kg	2,712kg	1,991kg	1,395kg		1,075kg	5,000
4m		2,406kg	1,697kg	1,268kg	1,136kg		1,928kg	1,371kg	1,024kg	914kg	6,000
3m			1,639kg	1,247kg	1,034kg			1,316kg	1,004kg	829kg	6,000
2m			1,570kg	1,214kg	987kg			1,251kg	973kg	789kg	6,000
1m			1,513kg	1,183kg	980kg			1,196kg	943kg	783kg	6,000
0m			1,480kg	1,164kg	1,016kg			1,165kg	925kg	811kg	6,000
-1m		2,009kg	1,474kg	1,166kg	1,077kg		1,556kg	1,160kg	927kg	883kg	6,000
-2m		1,639kg	1,293kg		688kg		1,586kg	1,182kg		688kg	5,000

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 cover 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 and be equipped with the necessary hose burst valves and an overload warning device complying with EN474-5.

"A really friendly group of people with a huge range of equipment."

Alan Hall - Brooks Equipment Customer





XE90U

Excavator

DIMENSIONS & SPECIFICATIONS

BROOKS
EQUIPMENT



Scan to view the XE90U
product brochure

MAIN SPECIFICATIONS

ENGINE

Model	Kubota V3307CRTE5
Direct Injection	Yes
Four Strokes	Yes
Water Cooled	Yes
Turbocharged	Yes
Air to Air Intercooler	/
Number of Cylinders	4
Rated Power/ Speed	54.6 kW / 2,200rpm
Max. Torque/ Speed	265 Nm / 1,500 rpm
Piston Displacement	3.3 L

HYDRAULIC SYSTEM

Main Pump	/
Rated Flow of Main Pump	219 L/min
Relief Valve Setting Pressure	30 MPa
Travel System Pressure	30 MPa
Swing System Pressure	23.5 MPa
Pilot System Pressure	3.5 MPa

OIL CAPACITY

Fuel Tank Capacity	130 L
Hydraulic Tank Capacity	110 L
Engine Oil Capacity	10 L

MAIN PERFORMANCE

Travel Speed (High/ Low)	4.9/2.7 km/h
Swing Speed	12 r/min
Gradeability	≤30°
Ground Pressure	48 kPa
Bucket Digging Force	64 kN
Arm Digging Force	41 kN
Maximum Tractive Force	64 kN
Boom Offset (Left)	62°
Boom Offset (Right)	50°

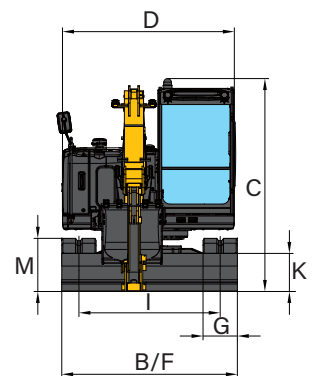
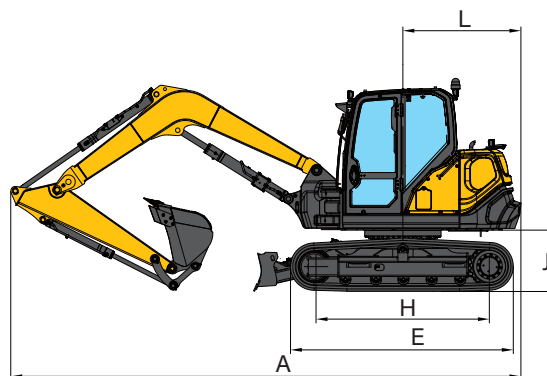
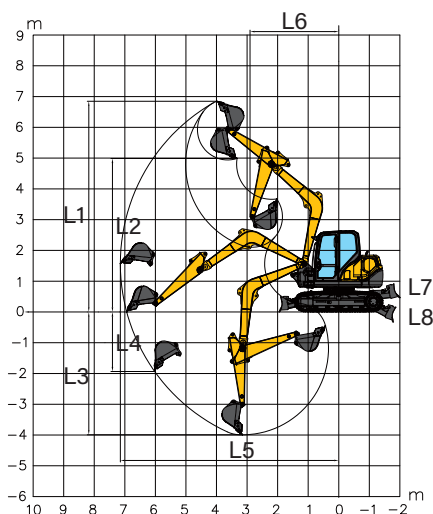
STANDARD

Length of Boom	3,400 mm
Length of Arm	1,823 mm
Bucket Capacity	0.35 m ³

DIMENSIONS & WORKING SCOPE

A	Overall Length	6,585 mm
B	Overall Width	2,300 mm
C	Overall Height	2,730 mm
D	Width of Platform	2,250 mm
E	Length of Crawler	2,900 mm
F	Overall Width of Chassis	2,300 mm
G	Width of Crawler	450 mm
H	Track Length on Ground	2,272 mm
I	Crawler Gauge	1,850 mm
J	Clearance Under Counterweight	818.5 mm
K	Min. Ground Clearance	386.5 mm
L	Min. Tail Swing Radius	1,450/1,545 mm
M	Height of Track	698 mm

L1	Max. Digging Height	6,850 mm
L2	Max. Dumping Height	4,988 mm
L3	Max. Digging Depth	3,993 mm
L4	Max. Vertical Wall Digging Depth	1,935 mm
L5	Max. Digging Reach	7,145 mm
L6	Min. Swing Radius	2,900 mm
L7	Max. Dozer Lifting Height	482 mm
L8	Max. Dozer Cutting Depth	307 mm



SERVICE LIKE NO OTHER



With a dedicated Field Service team of qualified HD Mechanics, and access to OEM parts, you're connected to the best after sales support for your machine's full lifetime.

QUALITY



Quality tested machines, developed and built for Australian conditions.

GUARANTEE



All of our XCMG models come with first class warranty cover.

ANY TIME



Our team of experts are available 24 hours a day, 7 days a week.



PARTS ON YOUR DOORSTEP

Access to parts and support is made easy through XCMG's Australian Technical and Service Centre.

SUPPORT FROM BRANCHES AUSTRALIA WIDE



With Brooks Equipment branches Australia-wide, you have complete coverage for support and servicing, wherever you are in the country.

BROOKS

EQUIPMENT

Discover more about your XCMG machine



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