

Small Excavators XE75U



Rated Power: 60.3 hp
Operating Weight: 17,328 lb
Standard Bucket Capacity: 0.43 yd³

XCMG North America Corporation
5145 Schirlls Street, Las Vegas, NV 89118
Email: info@xcmgusa.com
Phone: (Las Vegas) 725-605-2777
(Houston) 346-409-2855
Web: www.xcmg-usa.com





Technical Specifications

Engine

Make/Model	Kubota V2607-CR-TIE4B
No. of cylinders	4
Rated power at 2200 rpm	60.3 hp
Max. torque at 1500 rpm	166.6 lbf-ft
Idle (low - high)	1200-2000 rpm
Piston displacement	159.6 in ³
Bore x stroke	3.7"x 4.7"
Starter	12 V/4.0 hp
Batteries - Alternator	12 V/4.0 hp
Air filter	Double element with automatic dust evacuation

Undercarriage

X-type 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 per side

Upper rollers (standard shoe)	1/5.5"
Lower rollers	5/5.5"
Number of links & shoes	39
Overall track length	9'5"

Hydraulic Cylinders

	Quantity	Bore x rod diameter x stroke
boom	1	4.3x2.9x36.3 in
Arm	1	3.7x 2.4x34.8 in
Bucket	1	3.4x2.2x29.2 in
Dozer	1	4.7x3.2x6.2 in
Boom swing	1	4.3x2.6x23.3 in

Hydraulic system

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

> Pump

	Type	Displacement	Max.flow @2100rpm	Relief valve pressure
Main (load sensing)	Load sensing pump	4.76 in ³ /rev	41.2 gal	4,090 Psi

> Maximum system pressure

Travel	4,090.0 psi
Swing	2,987.8 psi
Pilot	507.6 psi

Fluid capacities

Fuel tank	34.3 gal
Cooling system (radiator capacity)	3.7 gal
Hydraulic oil tank	37.0 gal
Engine oil	2.6 gal
Swing drive	0.13 gal
Travel device	2X0.34 gal

Environment

Noise levels comply with environmental regulations (dynamic values).

> Noise emission

Noise level LwA	
Guaranteed	98 dB(A)
Measured	98 dB(A)
Operator LpA	78 dB(A)

Swing mechanism

High-torque, axial piston motor with 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 immersed in lubricant. Equipped with an automatic multi-disc slew brake.

> Swing system

Max. swing speed	11 rpm
Max. swing torque	2,633 ft-lb
Boom swing angle L/R	62°/50°

Drive

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

> Speed & traction

Travel speed (low - high)	1.67-3.04 mph
Maximum traction force	14,388 lbf
Gradeability	≤30°

Digging forces (ISO 6015)

At power boost.

Digging force, standard arm (ISO 6015)	8,543 lbf
Digging force, bucket (ISO 6015)	12,814 lbf

Weight

With 1.82 m/5'12" arm and 0.35 m³/0.46yd³ bucket and extra counterweight 250 kg/551 lb

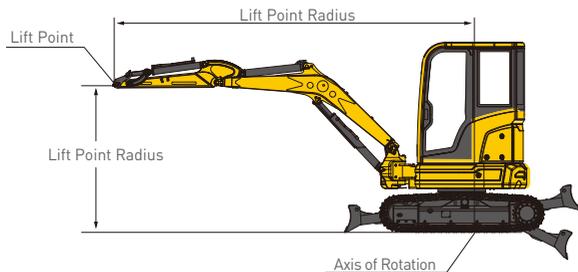
	Shoe width	Operating weight	Ground pressure
Rubber	1'6"	16,490 lb	5.02 Psi
Steel	1'6"	16,932 lb	5.10 Psi

Lifting Capacities

XE75U

Cab • standard arm (1350 mm) • standard counterweight • without bucket

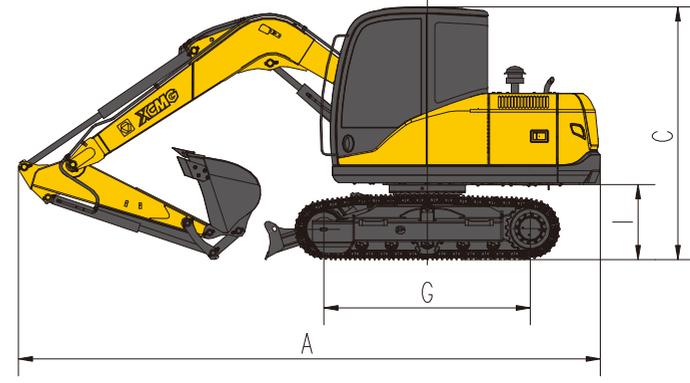
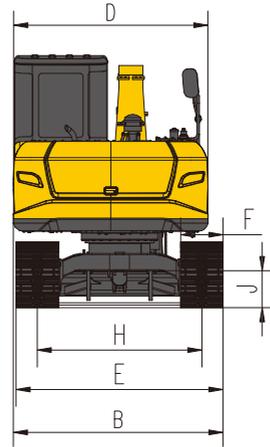
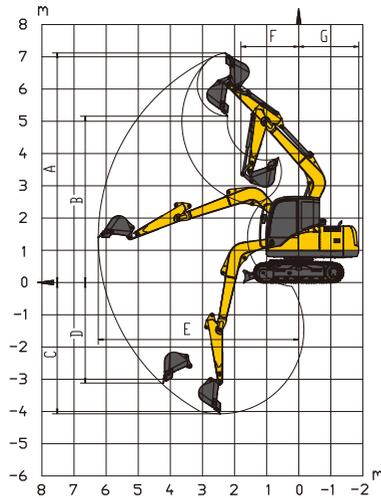
Lifting point height (ft.)	Over Front					Over Side						
	Lifting capacity at maximum radius(lb)	3'3"	6'7"	9'10"	13'1"	16'5"	Lifting capacity at maximum radius(lb)	3'3"	6'7"	9'10"	13'1"	16'5"
16'5"	3,560			3,556						3,556		
13'1"	3,316			3,957	3,818					3,957	3,818	
9'10"	3,285			4,881	4,213					4,881	4,213	
6'7"	3,411			6,314	5,027	4,239				6,314	4,621	3,338
3'3"	3,644			7,302	5,384	4,458				6,898	4,497	3,283
Ground	4,131			7,745	5,701	4,577				6,770	4,411	3,243
-3'3"	4,758		9,442	7,628	5,688			9,442	6,737	4,381		
-6'7"	4,996		9,557	6,856				9,557	6,781			
-9'10"	5,119		35,005					14,819				



1. The lifting capacity ratings are based on ISO10567.
2. * The maximum lifting capacity is limited by hydraulic rather than tipping load.
3. With the machine standing on level and firm ground, the lifting capacity does not exceed 87% of the hydraulic capacity or 75% of the tipping load.
4. The operator should be familiar with the machinery operation and maintenance manuals. Local regulations concerning the operation safety of machinery must be followed at all times.
5. The lift diagrams only cover machines that are originally built by the 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 EN475-5.



Technical Specifications



Dimensions

Working range

A	Maximum Digging Height	23'3"
B	Maximum Dumping Height	16'11"
C	Maximum Digging Depth	13'2"
D	Maximum Vertical Wall Digging Depth	9'7"
E	Maximum Digging Radius	20'6"
F	Minimum Swing Radius	6'

A	Overall Length	20'2"
B	Overall Width	7'5"
C	Overall Height	8'10"
D	Width of Platform	6'9"
E	Track Length	9'5"
F	Total Width of Chassis	7'5"
G	Track Shoe Width	1'6"
H	Crawler base	7'5"
I	Track Gauge	5'11"
J	Counterweight Clearance	2'8"
K	Minimum Ground Clearance	1'2"
L	Minimum Tail Swing Radius	5'11"
M	Track Height	2'3"