



XCMG FOR YOUR SUCCESS

XE380LC

Hydraulic Excavator

Operating weight: 38,200 kg Rated power: 214 kw/2,100 rpm Bucket capacity: 1.9 m³-2.1 m³



More Reliable and Durable

Reinforced working device

Reinforced rocker

Reinforced connecting rod



The front end shaft seat of the arm is designed with an assembled flange, which has high wear resistance and ensures that the bearing does not slip out.



The sturdy lower walking body can meet the needs of heavy-duty operations; the reinforced four-wheel belt is equipped with excellent performance and more reliable quality; the structure of the walking frame and X-beam is strengthened, the strength of the cross section is improved, the stress of the body is dispersed, and it can be used for more hard work.



The large-capacity rock bucket adopts a double-arc design structure, which reduces the resistance during excavation and makes it easier to load and unload materials. At the same time, it adopts XCMG special bucket teeth, which have stronger penetration, better wear resistance, and more than double the service life.

Powercore air cleaner

Reinforced crash beam

Reinforced column structure
New side door limit structure
Thickened hinge.

Working Conditions

It is widely used in small and medium mines, highway and bridge construction and other projects.

More energy-saving and environment-friendly

Lower fuel consumption

XCMG's special engine adopts a customized torque curve to provide large torque output at low speed, and while providing rush-in power, it greatly reduces fuel consumption and meets the power output and fuel economy under heavy load mode.

The high-pressure common rail system achieves the best fuel injection control and effectively improves the combustion efficiency.



Sub-pump control system

The new positive flow sub-pump independently controls the main pump, optimizes the speed sensing and load adaptive control, and realizes oil supply on demand.

Effectively reduce the median return loss and respond faster.

Increase electronic control, greatly reduce the impact of work, good controllability.

More Efficient Return

Efficient main valve

It has outstanding advantages such as "high reliability, small pressure loss, high flow distribution efficiency, and smooth movement", and has greatly improved in energy saving, high efficiency, and controllability.



Powercore air cleaner

Satisfy the working conditions of medium and heavy grayscale.

Low intake resistance reduces engine fuel consumption; prevents premature engine wear, maintains life-cycle filtration of more than 99.99%, and integrates detachable pre-filtering function.



More Comfortable and Safe

Silicone oil seal shock absorber is adopted, and the rigidity of the cab floor is improved to reduce the shaking of the cab and reduce the operator's fatigue.

Multifunction Color Display

Provide operators with comprehensive and easy-to-read machine information, comprehensively monitor the working status of the engine and hydraulic system, and query various machine operation and fault diagnosis information.



Smart air conditioner

It can sense the indoor and outdoor temperature and sunshine intensity, and intelligently adjust the air volume and compressor displacement to ensure that the driver works in a comfortable environment.

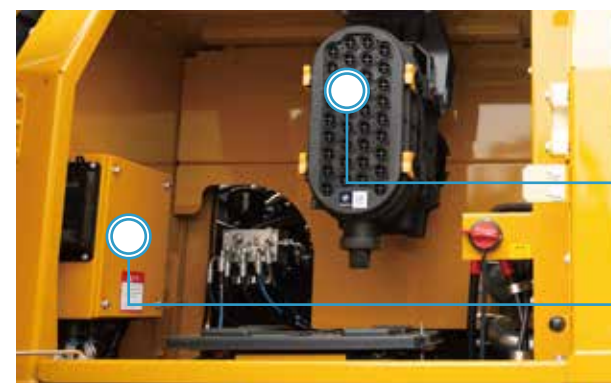
Emergency stop switch

In case of emergency, press the emergency stop switch to turn off the fire in an emergency, effectively protecting the safety of personnel.

Easy Maintenance



Very convenient access to radiators and cooling devices makes cleaning much easier. Various parts of the engine are accessible from above and through the side panels.



Powercore air cleaner

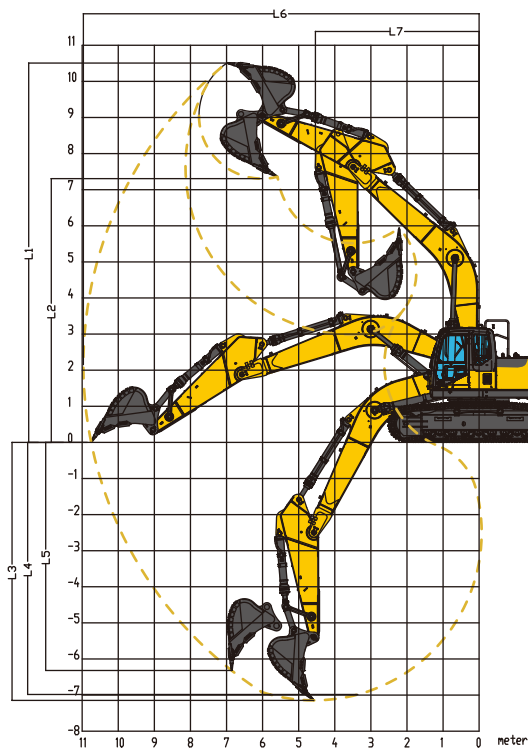
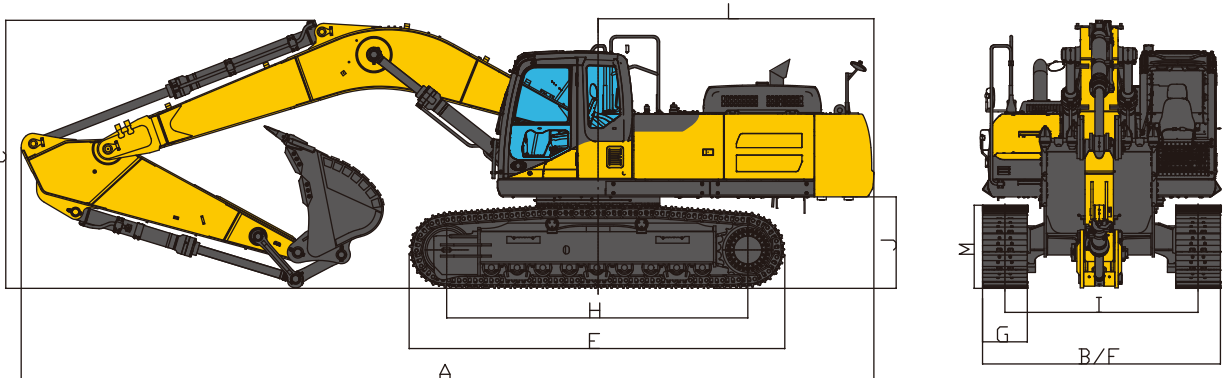
Integrated electrical box

For diversified construction conditions, we provide customers with

Multifunctional equipment with reliable quality and advanced performance

Greatly expanding the functions and fully extending the operation scope of the excavator, continuously to create more value and super high profit for you.

Product Dimensions



Overall Dimensions		Unit: mm
A	Overall length	11,435
B	Overall width	3,224
C	Overall height	3,460
D	Width of platform	3,050
E	Track length	5,087
F	Overall width of chassis	3,190
G	Track width	600
H	Track wheelbase	4,138
I	Gauge	2,590
J	Counterweight clearance	1,227
K	Minimum ground clearance	505
L	Minimum tail swing radius	3,700
M	Track height	1,115

Working scope		Unit: mm
L1	Maximum digging height	10,324
L2	Maximum dumping height	7,444
L3	Maximum digging depth	7,283
L4	Maximum depth cut for 2,240 mm(8 ft) level bottom	7,106
L5	Maximum vertical wall digging depth	4,641
L6	Maximum digging radius	11,067
L7	Minimum radius of gyration	4,560



Side jack hammer



Application: Cement road and concrete fragmentation, building demolition.

Olecranon shear



Application: Dismantling of scrapped and heavy vehicles, steel structures such as steel plants, metals, ships, and bridges.

Compactor



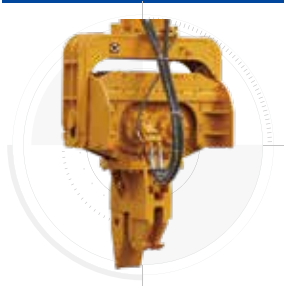
Application: Highway slope protection, Consolidation of dams and ditches.

Quick coupler



Application: Quickly coupled with XCMG diversified attachments.

Pile driver



Application: Medium and short pile projects for bridges, cofferdams wharfs and deep foundation pit support.

Orange peel grab



Application: Loading and dumping of irregular and bulky materials such as scrap iron, pig iron, ore, garbage, etc.

Pulverizer



Application: Secondary crushing of concrete and separation of steel and concrete.

Double cylinder shear



Application: Abandoned factory buildings, cardismantling and other projects.

Hydraulic grapple



Application: Special equipment for loading and dumping wood and stone.

Hydraulic pilers



Application: Grabbing of construction waste, stone, wood and other materials.

Hydraulic shear



Application: Special equipment for dismantling scrapped cars and renewable resources.

















Top side hammer



Application: Mines, road crushing, municipal garden renovation, building demolition, reinforced concrete crushing, etc.

Product Specifications	Unit	XE380LC
Operating weight	kg	38,200
Bucket capacity	m³	1.9-2.1
Engine		
Engine model	/	QSL
EFI	/	√
4-stroke	/	√
Water-cooling	/	√
Turbocharging	/	√
Air-air intercooler	/	√
Number of cylinders	/	6
Engine output power	kw/rpm	214/2,100
Maximum torque/speed	N.m	1,343/1,300
Displacement	L	8.9
Hydraulic system		
Main pump	/	Two piston pumps
Main pump rated flow	L/min	2×306
Main safety valve pressure	MPa	34.3/37
Traveling system pressure	MPa	34.3
Slewing system pressure	MPa	26.5
Pilot system pressure	MPa	3.9

Product Specifications	Unit	XE380LC
Main performance		
Traveling speed	km/h	5.6/3.3
Swing speed	r/min	9.6
Grade ability	°	≤35
Ground pressure	kPa	69
Bucket digging force	kN	273
Arm digging force	kN	180
Maximum traction force	kN	285
Oil capacity		
Fuel tank capacity	L	660
Hydraulic oil tank volume	L	350
Engine oil capacity	L	36
Standard		
Length of boom	mm	6,400
Length of arm	mm	3,200
Bucket capacity	m³	-
Optional		
Length of boom	mm	-
Length of arm	mm	2,670
Bucket capacity	m³	1.9 _(Rock Bucket) 2.1 _(Strengthen bucket)

<div><div> Rating over front</div><div> Rating over side or 360°</div><div>A-Reach from swing centerline to bucket hook B-Bucket hook height above/below ground C-Lifting capacities in kilograms . Max discharge pressure: 37.3 Mpa</div></div>															
XE380LC		Standard Arm: 3.2 m (10.5 ft),Bucket: 1.9 m (2.49 cubic yard).Shoe: 600 mm (1.97 ft)													
A B		1.5 m/5 ft		3 m/10 ft		4.5 m/15 ft		6 m/20 ft		7.5 m/25 ft		9.0 m/30 ft		At Max. Reach	
															
9 m 30 ft	kg ib														
7.5 m 25 ft	kg ib									*8,767 *19,328	7,766 17,121			*8,130 *17,924	7,605 16,766
6 m 20 ft	kg ib									*9,702 *21,389	7,692 16,958			*7,993 *17,622	6,349 12,509
4.5 m 15 ft	kg ib					*14,630 *32,254	*14,630 *32,254	*11,826 *26,072	10,299 22,705	*10,435 *23,005	7,464 16,455	*17,895 12,505	5,672 12,505	*8,136 *17,936	5,674 12,732
3 m 10 ft	kg ib					*18,574 *40,949	14,408 31,764	*13,705 *30,214	9,737 21,466	*11,407 *25,148	7,178 15,825	9,090 20,040	5,548 12,231	*8,537 *18,821	5,322 11,733
1.5 m 5 ft	kg ib					*21,348 *47,064	13,538 29,846	*15,333 *33,803	9,257 20,408	11,625 25,629	6,911 15,236	8,944 19,718	5,417 11,942	8,580 18,916	5,206 11,477
Ground Line	kg ib					*22,272 *49,101	13,181 29,059	15,872 34,992	8,957 19,747	11,410 25,155	6,723 14,822	8,846 19,502	5,329 11,748	8,816 19,436	5,312 11,711
-1.5 m -5 ft	kg ib			*16,544 *36,473	*16,544 *36,473	*21,856 *48,184	13,124 28,933	15,734 34,688	8,842 19,493	11,321 24,959	6,645 14,650			9,527 21,003	5,697 12,560
-3 m -10 ft	kg ib	*18,911 *41,692	*18,911 *41,692	*25,072 *55,274	*25,072 *55,274	*20,281 *44,712	13,259 29,231	*15,475 *34,117	8,894 19,608	11,399 25,130	6,713 14,800			11,075 24,416	6,548 14,436
-4.5 m -15 ft	kg ib			*22,794 *50,252	*22,794 *50,252	*17,086 *37,668	13,597 29,976	*12,864 *28,360	9,154 20,181					*11,878 *26,187	8,521 18,786
Capacities marked with an asterisk(*) are limited by hydraulic capacities.															
The mass of slings and any auxiliary, lifting devices shall be deducted from the rated load to determine the net load that may be lifted. Lift capacities are based on the machine standing on a firm, uniform supporting surface. The user shall make allowances for job conditions such as soft or uneven ground. The operator should be fully acquainted with the operator's manual and the operating safety manual furnished by the manufacturer before operating the machine.															
NOTE 1: Lift capacities shown are without the power boost feature engaged. NOTE 2: Lift capacities shown do not exceed 75% of minimum tipping loads or 87% of hydraulic capacities. NOTE 3: The least stable position is over the side. NOTE 4: Lift capacities apply only to the machine as originally manufactured and normally equipped by the manufacturer. NOTE 5: The total mass of the machine is 38,200 kg (84,216 lb). Included in this mass are 600 mm (1.97 ft) steel crawler, 6.4 m (21 ft) boom,3.2 m (10.5 ft)arm, 7,200 kg (15,873 lb) counterweight, bucket weighing 1,936 kg (4,268 lb) all operating fluids and a 75 kg (165 lb) operator. NOTE 6: Lift capacities are in compliance with ISO 10567:2007.															

Configuration

Engine	
Engine model	QSL
Emission levels	National III
Auto warm up	√
Oil-water separator with water level indicator sensor	√
Oil water separator with heater (24 V)	●
Powercore air cleaner	√
50°C high temperature environment cooling components	√
Radiator dust filter	√
Fuel sign	√
Oil-water quick drainage device	√
Electronic Silicone Oil Clutch	●
Fuel refueling pump 50 L/min	●
Rapid fuel filling system	●
Fuel breathing valve	√
Differential air pressure indicator	√
Auto idle	√

Hydraulic system	
Boom/arm flow regeneration	√
Straight hydraulic circuit	√
Unloading valve	√
Spare valve plate	√
Reverse swing damping valve	√
Rotary anti-sway valve	√
Hydraulic buffer valve	√
Hydraulic oil XCMG Hydr S4 36	√
Hydraulic pipeline: Breaker and thumb pliers	√
Operation mode switch	√
Gauge pressure monitoring	√
Two pipe two way auxiliary circuit	√
Boom anti-drop valve	√
Arm anti-drop valve	√

Lubrication system	
Boom centralized lubrication	√
Rotary centralized lubrication	√
Electric self-lubricating system	●
Arm centralized lubrication	√

Lighting lamp	
Left and right arm working lights.	√
Right side work light mounted on storage compartment	√
Interior lighting of cab.	√
Cab roof mounted front work lights	√
Cab roof mounted rear work light	●

Cab and interior	
Pressurized cab	√
Fully adjustable mechanical suspension seat	●
Air suspension seat with cushion heating	√
Adjustable seat armrest	√
Safety belt (51 mm [2"] width)	●
Openable front windshield with auxiliary device	√
Front windshield split according to 70x30 ratio	√
Double-layer laminated windshield and other tempered windows	√
Sliding upper window of door.	√
Two-way air outlet air conditioner with defroster (automatic type) (pressure function)	√
Color LCD display with warning message filter/fluid change information and working hours	√
Operating handle	√
Driving control pedal with detachable manual joystick	√
Two stereo speakers	√
Beverage cup holder	√
Coat hook	√
Washable floor mats	√
Extension-type safety belt (51 mm [2"] width)	√
On-board support device	●
Fire Extinguisher.	●
Air conditioning system.	√
High and low speed shift	√
One-click boost mode	√
Reserved switch for work auxiliaries	●
Sunshade	√
Intermittent multi-speed wipers	√
Cup holder, file bag.	√
Cold and warm storage box	√
Radio	√

Technology	
XEICS intelligent control system	√
Data link socket	√

Chassis system and shield	
Chassis traction ring	√
Protection device kit: bottom cover plate of chassis, travel motor cover plate	√
600 mm (24") double rib track shoes	√
700 mm (28") double rib track shoes	●
800 mm (31") double rib track shoes	●
600 mm (24") three-rib track shoes	●
700 mm (28") three-rib track shoes	●
800 mm (31") three-rib track shoes	●
Extended chassis	●
Track rubber block	●
Crawler triple rail clamp	●
Full Length Track Guards (Two Piece, Lower Frame Replacement Required)	●

Electric System	
Storage battery (2×850 CCA)	√
70 A AC starter motor	√
8.5 kw starter motor	√
Walking alarm	●
24 V Cigarette lighter	√
12 V Cigarette lighter	●
Rear camera	√
5 V USB connector	●
12 V power interface	●

Safety and Security Configuration	
Cab door lock and cab lock	√
Alarm horn	√
Isolation plate between engine and oil pump chamber	√
Engine emergency stop switch.	√
Rear Window Emergency Exit	√
Battery circuit breaker	√
Boom and Arm Retaining Valve	√
Boom and Arm pipeline explosion-proof valve	√
Temperature alarm mode	√
Safety handrails and pedals	√
Rotating warning light	√
Anti-skid Board/Sticker	√
Hydraulic safety locking rod	√
Emergency Escape Hammer	√
Left and Right Rear-view Mirror	√
Counterweight rear view mirror	√
ROPS	√
OPG	√
Hand rail on top of upper frame (full protection type)	√
Cabin top guard	√
Full front cabin guard	√

√ - Standard configuration ● - Optional