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Hydraulic Excavators
XE380E
XE380EN



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Rated Power: 252 kW
Operating Weight: 38600-40800 kg
Bucket Capacity: 1.7-2.1 m³



XCMG XE380E/XE380EN builds further on its reputation from the previous series based on the quality, reliability, and durability. The enhancements deliver the best in class fuel efficiency while not compromising on power, reducing emissions and consumption, while increasing productivity.

If you are looking to get your work done with a durable brand, you can trust XCMG and look no further than our XE380E/XE380EN . It simply makes business sense – as well as an efficient and comfortable work environment.

► **RELIABILITY:**

Even under the harshest conditions, XCMG has made its aim to build long-life products. XCMG has already a long relationship with the best component suppliers in the world. Cummins engines, Kawasaki KPM hydraulic pumps, main control valve, swing motor, and high quality travel motors guarantee you the best performance. Oversized cylinders in combination with long-life reinforced pins, polymer shims and bushings ensure best performance with unchanged durability.

► **PRODUCTIVITY AND EFFICIENCY:**

Strong and unmatched bucket and arm digging forces give the XE380E/XE380EN the ability to fulfil the most challenging tasks on your jobsite with excellent productivity and efficiency.

► **SAFETY SOLUTIONS:**

A rear camera, a side camera, large side mirrors, powerful LED lighting, anti-slip steps and platforms. Guard rails for accessing safely the upper structure. The ROPS (Roll Over Protective Structure) and OPG (Operator Protective Guard) cabin ensure the operator's safety.

► **VERSATILITY:**

Multiple boom and arm sizes together with special configurations are available to efficiently carry out any task your business requires.

► **EASY-TO-USE ATTACHMENTS:**

As standard, single and dual way auxiliary hydraulic pipelines (AUX1) for attachments such as hammer, grapple; and dual way auxiliary hydraulic pipelines (AUX2) for rotating such as clamshell and shear.

► **COMFORTABILITY:**

The new modernized generation cab has the ample space, improving control ergonomic , with low noise and vibration levels and excellent all-round visibility. Fully adjustable heated air suspension seat, control station suspended with the seat and independently adjustable, and air conditioning with climate control as standard.

► **CONTROLLABILITY:**

8 attachment and 3 power modes, proportional control, with a user-friendly 8" TFT LCD color monitor.

► **STRONG POWER:**

Exceptionally powerful and fuel efficient with high torque at low revs - the Stage V compliant Cummins L9 engine is equipped with a Diesel Particulate Filter (DPF) and the associated regeneration system for fewer emissions.

► **ADVANCED FILTRATION:**

Easily accessible highly efficient filters and cleaners that remove all contaminations from your job site protect your investment in the best possible way.

► **SIMPLE AND EASY MAINTENANCE:**

Easy access to all compartments. Fault code and brief are directly available from monitor.

► **UNDERCARRIAGE DURABILITY:**

The CAE-designed X-shape undercarriage enables even weight distribution, increases stability and durability and prevents damage from rocks and debris.



► The power – do not compromise

The XE380E/XE380EN makes handling your task efficient and comfortable. The optimized Kawasaki-KPM hydraulic system makes sure that all that engine power is used in the best possible way by delivering accurate maximum pumping in a smooth way. All that power has reliably increased the digging power, the lifting capacities, and the traction force. Greater fuel efficiency means you can keep costs down and reduce environmental impacts.



POWER MATCH TECHNOLOGY

The XE380E/XE380EN is equipped with a Cummins L9 engine. Famous for its excellent fuel efficiency, reliability, and long service life, it combines exceptional power output and high torque at low revs. Selective Catalytic Reduction (SCR) technology - combined with a Diesel Particulate Filter (DPF) - ensures compliance with Stage V regulations. If the engine is the heart of the excavator, the XICS (XCMG Intelligent Control System) is its brain - providing a perfectly synchronized communication link between the engine's ECU (Electronic Control Unit) and the hydraulic system. The CANBUS (Controller Area Network) system enables a constant flow of information between engine and hydraulic system, so that power is delivered exactly as needed.

FUEL ECONOMY TECHNOLOGY

- A choice between 3 power modes and 8 attachment modes guarantees optimum performance in all conditions.
- Electronic control of fuel consumption.
- The auto-idle function saves more fuel and reduces emissions.
- For optimum cooling, the fan speed is controlled by a viscous clutch that results in lower fan noise with better fuel efficiency.

- ### Easier hydraulic maintenance:
- replacement (depending on the hydraulic oil type)
- Replace the hydraulic oil return filter after 500hours
 - Replacement of the hydraulic oil suction filter element after 2000 hours

- ### Less engine service:
- 500 hours engine diesel filter replacement
 - 500 hours engine oil and filter replacement
 - The long service intervals guarantee limited downtime.





First Choice for Comfort

The XE380E/XE380EN cabin is designed to support increased productivity with a spacious comfortable operator environment. The pressurized cab is ISO-certified for your safety and offers a comfortable heated fully adjustable air-suspension seat with several storage compartments and a clear all-round view of your jobsite. The reduced noise and vibration levels with automatic air-conditioning/climate-control will make your workday more easy and comfortable.



Power

An industry-leading Cummins engine that saves on fuel and meets the Stage V/Tier 4 F emission regulations powers the XCMG XE380E/XE380EN.

Advanced control technology

Ergonomic, advanced and simple-to-operate - Kawasaki's proportional joystick delivers ultra-precise and smooth control over all movements.

The orientation of the joystick's rollers and the buttons is adjustable.

Air conditioning with automatic climate control

A choice from 5 different working modes to regulate airflow to adjust the system's air temperature maintains the optimal desired temperature. A recirculated air function is also available.

Bluetooth/MP3/USB radio as standard and DAB radio as option

Bluetooth FM radio is fitted as standard and DAB radio can be ordered optionally.

Storage space

The new cab has 7 storage compartments – including a hot/cool box, a storage box for magazine/papers, and a cup holder.

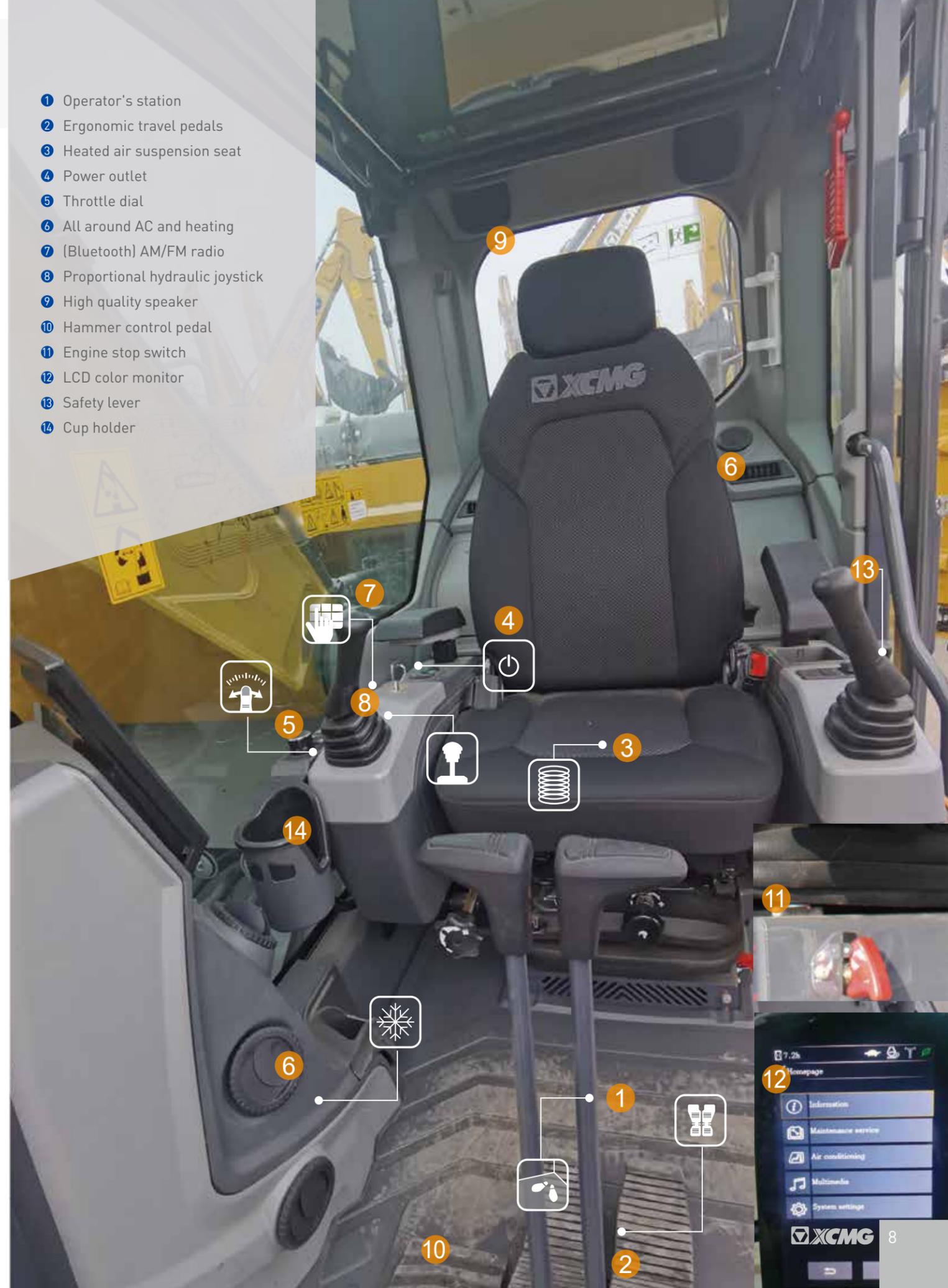
Cab suspension

Even at the roughest applications where you are working, the cab's improved new suspension system dampens and smoothens out unwanted feedback from your jobsite.

Quick coupler control

A standard quick coupler hydraulic system with pipelines lets you exchange your attachment easily from the operator's seat. It facilitates the most common systems.

- 1 Operator's station
- 2 Ergonomic travel pedals
- 3 Heated air suspension seat
- 4 Power outlet
- 5 Throttle dial
- 6 All around AC and heating
- 7 (Bluetooth) AM/FM radio
- 8 Proportional hydraulic joystick
- 9 High quality speaker
- 10 Hammer control pedal
- 11 Engine stop switch
- 12 LCD color monitor
- 13 Safety lever
- 14 Cup holder



Machine interfaces

All machine interfaces – including joysticks, keypad, panel, and larger LCD monitor – are ergonomically designed for optimum control and efficiency, resulting in increased productivity and workplace wellbeing. The switches have been simplified and climate control is now integrated into the keypad for easy adjustments.

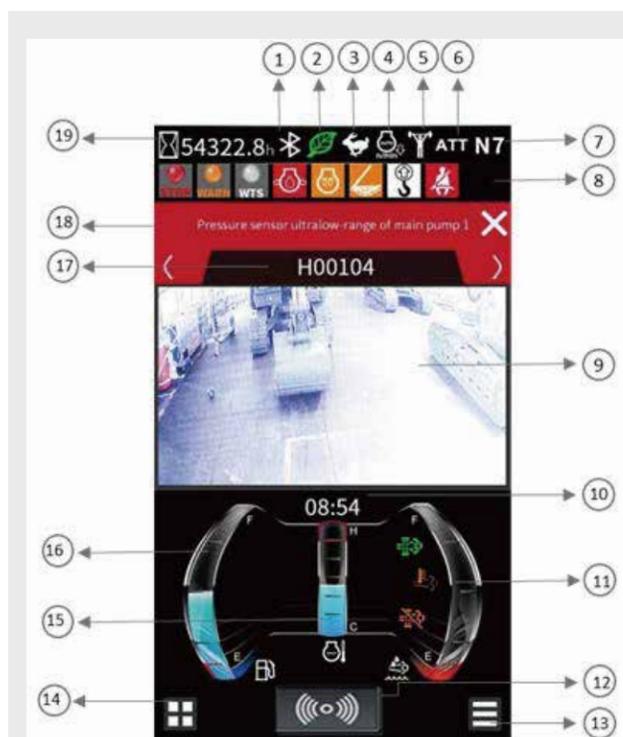
- The new multi-function 8" TFT LCD monitor displays a comprehensive range of useful technical information, allowing you to check the machine's status and settings at a glance.
- Highly sensitive and low-effort joysticks and clear convenient controls enable you to work smooth and safely with minimum effort for increased comfort and efficiency.
- The newly adjustable proportional auxiliary functions support precise and smooth control of your attachments.

Intelligent monitor with touch screen

The upgraded 8" TFT monitor features a day and night display with full user access to the machine settings and maintenance data. Any abnormality is clearly displayed on the screen, allowing you to work safely and confident with an accurate overview of all conditions.

All-important data can be directly monitored from the main screen.

- | | |
|-------------------------|-----------------------|
| 1. Bluetooth | 2. Energy saving icon |
| 3. Travel speed (H/L) | 4. Automatic idle |
| 5. Power boost | 6. Work mode |
| 7. Mode and gear | 8. Warning icon |
| 9. Camera | 10. Time and date |
| 11. Urea level | 12. Mute button |
| 13. Main interface set | 14. Menu |
| 15. Coolant temperature | 16. Fuel level |
| 17. Camera channel | 18. Fault code area |
| 19. Fault description | 20. Hour meter |



Dynamic power management

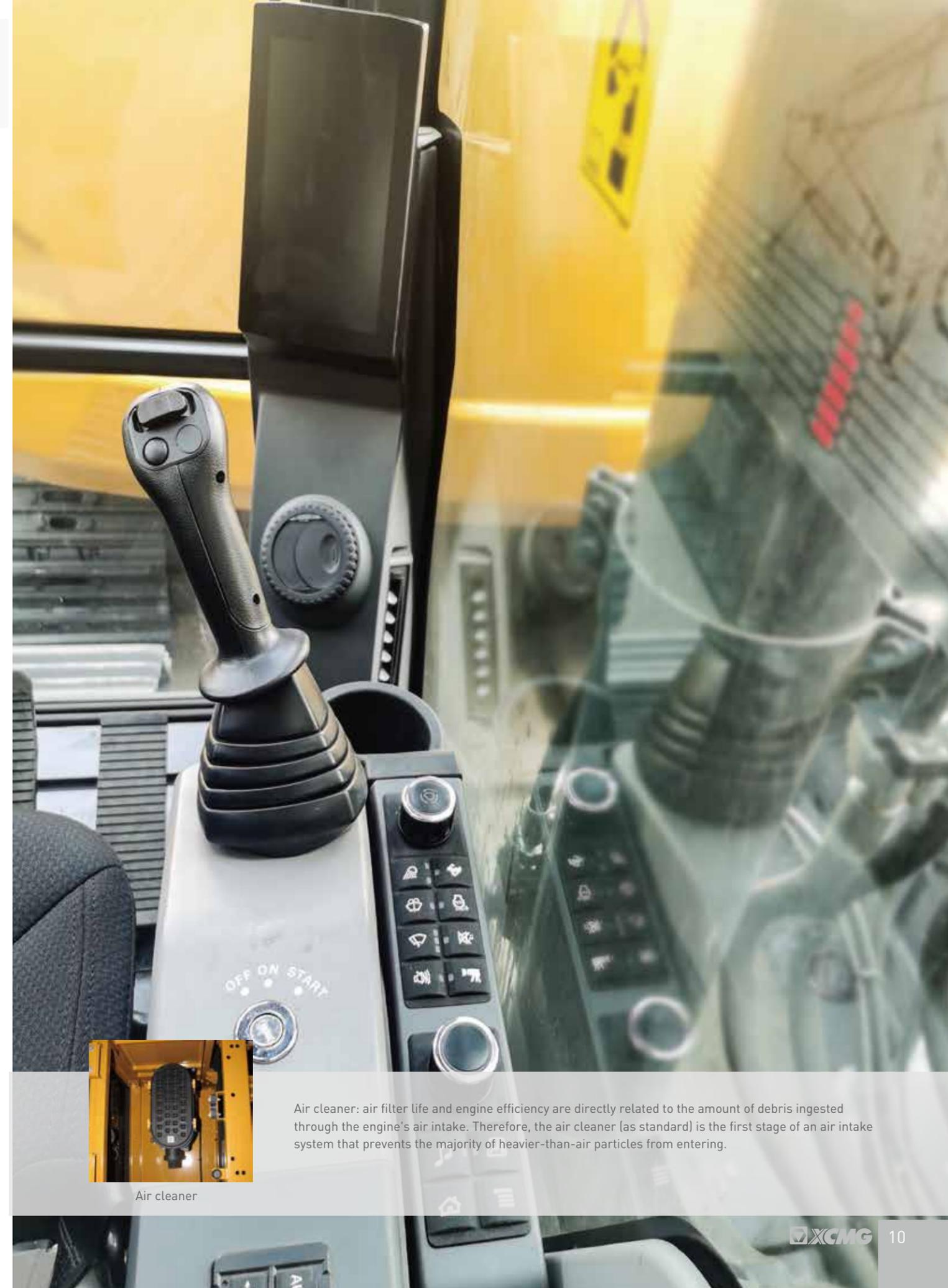
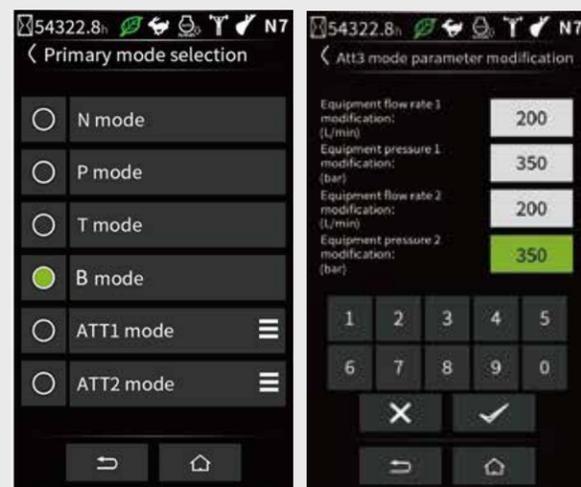
- Activating the power boost control system increases digging force by 8.8%
- Auto-idling starts 4 seconds after all controls are returned to neutral, decreasing fuel consumption and reducing noise levels in the cab.

8 Attachment modes & 3 Power modes

Deliver the needed power according to your specific application while minimizing fuel consumption.

Multiple attachment modes are available, and the attachment configuration is more flexible.

One clicks mode for quick selection and more convenient operation. Visual adjustment of pressure and flow parameters, more intelligent control.



Air cleaner

Air cleaner: air filter life and engine efficiency are directly related to the amount of debris ingested through the engine's air intake. Therefore, the air cleaner (as standard) is the first stage of an air intake system that prevents the majority of heavier-than-air particles from entering.

► Designed for long-term robustness and safety

XCMG has developed one of the most rigorous strength and reliability testing procedures, The XCMG E-series features 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.



Reinforced durability of the X-chassis

The X-shaped undercarriage has a higher durability than demanded on the jobsite, as proven through numerous tests including road tests and virtual simulation.

Undercarriage durability with easy maintenance

- The chain is composed of sealed, self-lubricating links for long-term performance
- Long life track tensioners and the idlers
- Heavy-duty wear resistant cast sprockets
- Durable lubricated track rollers

Strengthened boom and arm

FEA has been used to calculate the best load distribution throughout the machine's structure. For better protection of the base of the arm, reinforced bars have been added. The arm structure has been strengthened for the roughest conditions.

Hi-grade (high-pressure) hoses

The E-series uses a new type of high-pressure hoses with improved heat and pressure resistance to increase the durability of the machine.

Reinforced pin, bush, and polymer shim

The new series improved the lubricity of connecting parts between the machine and attachments. Gaps with attachments are minimized by wear-resistant long-life pins, bushes and polymer shims, supporting the highest performance with invariable durability.

► 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 XE380E/XE380EN an economical and rewarding choice.



Simple and easy maintenance

- Large guard rails are installed along with anti-slip steps and plates, for safer, easier access to the whole upper structure.
 - The cab's air-conditioning filter is lockable and placed on the cab's side for easy access.
 - A battery cut-off switch to easily disconnect the battery for long-term storage.
 - Shut off valves on the pre-filter piping line and fuel tank drain piping make servicing easier and prevent pollution from leakage.
 - The engine parts can be reached easily via the top and side panels.
 - For extra accessibility and servicing convenience, all filters (engine oil filter, fuel pre-filter, fuel filter, and hydraulic pilot filter) are located in the pump compartment.
- Adoption of the new Donaldson PowerCoreR air filter greatly extends the service life of the filter element, reduces the maintenance frequency, and reduces the user's maintenance costs.

Pre-start monitoring system

The XE380E/XE380EN has a pre-start monitoring system that shows you coolant temperature, hydraulic oil temperature, engine oil pressure, fuel levels, and the AdBlue® level. It will also indicate fluid and filter intervals to keep the machine in top performing condition.

Proactive aintenance solutions

- Extended warranty: covering parts, travel and labor.
- Routine maintenance: your dealer will support you with routine service at regular intervals.
- Genuine parts: manufactured and tested to ensure they always meet the same high quality standards as the original components.

SCR tank and easy diesel filling

The ECU (Engine Control Unit) monitors the AdBlue® system with sensors and warns the operator of potential system malfunctions.

Centralized lubrication greasing points

To make maintenance easier.

■ Engine

Designed to deliver superior performance and fuel efficiency, the Cummins Stage V diesel engine fully meets the emissions regulations. To optimize machine performance, the engine uses high-pressure fuel injectors, an air-to-air inter-cooler, and electronic engine controls. 4-cycle water-cooled, turbocharged, and Selective Catalytic Reduction (SCR) with a Diesel Particulate Filter (DPF).

XE380E/XE380EN	
Model	Cummins L9
No. of cylinders	6
Rated power at 1800 rpm	-
[SAE J1995]	252 kW (338 hp) at 1800 rpm
[SAE J1349]	-
[ISO 9249]	228 kW (306 hp) at 1800 rpm
Max. torque at 1400 rpm	1526 Nm(1126 lb-ft)
Idle (low - high)	700 - 1200 rpm
Piston displacement	8.9 Liters [543 in ³]
Bore × stroke	114 mm(4.49 in) × 145 mm [5.69 in]
Starter	24 V / 7.8 kW
Batteries - Alternator	2 × 12 V, 150 Ah - 24 V, 70 A
Air Filter	Donaldson's the latest PSD air filter and pre-filtered dust separator

■ Undercarriage

Extremely robust construction throughout - made of high-quality, durable materials, with all welded structures designed to limit stresses.

- Lifetime lubricated track rollers, idlers and sprockets fitted with floating seals
- Track shoes made of induction-hardened alloy with triple grouser
- Heat-treated connecting pins
- Hydraulic track adjuster with shock-absorbing tension mechanism

• Number of Rollers and Track Shoes per Side

	XE380E	XE380EN
Upper rollers (standard shoe)	2	2
Lower rollers	9	9
Number of links and shoes per side	49/51*	49
Overall track length	5067/5259*	5067

Remarks: The mark * is lengthened and widened unercarrige

■ Weight

	Shoe Width (mm)	Operating Weight (kg)	Ground Pressure (kgf/cm ²)
	600 [Std.]	40000*/39000/38600	0.71*/0.71/0.7
Triple grouser	700	40400*/39400/39000	0.61*/0.62/0.61
	800	40800*/39800/39400	0.54*/0.55/0.54
Double grouser	600	40500*/39500/39100	0.72*/0.72/0.72

Remarks: The mark * is lengthened and widened unercarrige

■ Hydraulic system

The XICS (XCMG intelligent Control System) is the brain of the excavator - minimizing fuel consumption and enabling the efficiency of the hydraulic system to be optimized for all working conditions. To harmonize the operation of the engine and the hydraulics, the XICS is connected to the engine's electronic control unit (ECU) via a data transfer link.

- The hydraulic system enables independent or combined operations - 2-speed travel offers either increased torque or high travel speed
- A cross-sensing pump system and an auto-deceleration system improve fuel efficiency
- 8 attachment modes, 3 power modes - flow and pressure control of auxiliary hydraulic circuits from control panel
- Computer-controlled pump flow control

• Pumps flow & system pressure

XE380E/XE380EN	
Main Pumps, type:	2 × variable displacement tandem axial piston pumps
Maximum flow at 1800 rpm	2 × 324 l/min
Pilot pump, type:	Gear pump
Maximum flow at 1800 rpm	27 l/min
Relief valve settings:	
Pressure up	350/380 kg/cm ²
Travel	350 kg/cm ²
Swing	270 kg/cm ²
Pilot	40 kg/cm ²

■ Cab

Optimal climate control is provided by the integrated air-conditioning and heating system. An automatically- controlled fan supplies the pressurized and filtered cab air, which is distributed throughout the cab from multiple vents. The fully adjustable heated air suspension operator's seat includes a seat belt. The operator can adjust the ergonomic seat and joystick console separately according to his preferences.

• Noise emission

XE380E/XE380EN	
Noise level LpA[IOS 6396]	74 dB(A)
Noise level LwA[IOS 6395]	104 dB(A)

■ Component weights

Item	Unit	XE380E/XE380EN	Remarks
Upper structure without front	kg	16858	With counterweight
Lower structure assembly	kg	13645*/12800/12611	600 mm shoe
Front assembly	kg	6502	Without cylinder
Counterweight	kg	6900	Standard counterweight:
Boom	mm/kg	6400/2914	Including bushing
	mm/kg	3200/1935	Including bushing
Arm	mm/kg	2900/1844	Including bushing
	mm/kg	2670/1802	Including bushing

Remarks: The mark * is lengthened and widened unercarrige

■ Swing mechanism

The swing mechanism uses an axial piston motor, driving a 2-stage planetary reduction gear for maximum torque bathed in oil.

- Swing bearing: single-row, shear type ball bearing with induction hardened internal gear
- Internal gear and pinion immersed in lubricant

• Swing Speed & Torque

XE380E/XE380EN	
Maximum swing speed	9.9 rpm
Maximum swing torque	105.5 kN.m

■ Drive

An independent, high-torque axial piston motor through a planetary reduction gearbox drives each track. Two levers with foot pedals guarantee smooth travel with counter-rotation on demand.

The track frame protects the travel motors with hydraulically released multi-disc brakes and planetary gears.

• Speed & Traction

XE380E/XE380EN	
Travel speed (low-high)	3.2- 5.4 km/h
Maximum traction	30 ton
Maximum gradeability	35° / 70 %

■ Buckets

Bucket Type	Capacity (m ³) SAE	Width (mm)		Weight (kg)	Boom 6.4m		
		With side cutters	W/o side cutters		Arm 3.2m	Arm 2.9 m	Arm 2.67 m
					Shoe 600 mm	Shoe 600 mm	Shoe 600 mm
GP	2.1	1810	1590	1838	C	C	C
HD	1.9	1590	1450	1795	B	A	A
	2.0	1696	1550	1796	C	B	B
SD	1.7	1400	1260	1579	A	A	A
	1.9	1590	1450	1795	B	A	A

GP: General purpose; HD: Heavy duty; SD: Severe duty;

A: Suitable for materials with a density less than or equal to 2100 kg/m³;

B: Suitable for materials with a density less than or equal to 1800 kg/m³;

C: Suitable for materials with a density less than or equal to 1500 kg/m³;

Based on ISO 10567 and SAE J296, arm length without quick-coupler. For reference only.

■ Model: XE380EN narrow track width: 2990 mm · W/o bucket

Unit: 1000 kg	A		3.0 m		4.5 m		6.0 m		7.5 m		9.0 m		Max. reach		
	B	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	A	
One-piece boom 6.4 m Arm 3.2 m Shoe 600 mm Counterweight 6.9 t	7.5 m								8.4*	6.7			7*	6.2	7.8
	6.0 m								8.5*	6.6			6.8*	5.1	8.6
	4.5 m			12.9*	12.9*	10.4*	8.8		9.1*	6.3	8.5*	4.7	6.8*	5.4	9.2
	3.0 m			16.4*	12.2	12*	8.2		10*	6	8.5	4.6	7*	4.3	9.4
	1.5 m			18.8*	11.2	13.5*	7.7		10.8*	5.7	8.3	4.5	7.4*	4.2	9.4
	0.0 m			19.6*	10.8	14.3*	7.4		10.6	5.5	8.2	4.4	7.9	4.2	9.2
	-1.5 m	13*	13*	19.3*	10.8	14.4*	7.3		10.5	5.5			8.5	4.5	8.7
	-3.0 m	21*	21*	17.9*	10.9	13.6*	7.3		*10.5	5.5			9.7*	5.2	7.9
-4.5 m	20.2*	20.2*	15.1*	11.3	11.4*	7.6						9.6*	6.7	6.6	

Unit: 1000 kg	A		3.0 m		4.5 m		6.0 m		7.5 m		9.0 m		Max. reach		
	B	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	A	
One-piece boom 6.4 m Arm 2.67 m Shoe 600 mm Counterweight 6.9 t	7.5 m												9*	7	7.1
	6.0 m					8.3*	8.3*	9.3*	6.4				8.9*	5.7	8
	4.5 m			14.5*	12.9	11.3*	8.6	9.7*	6.2				9.1*	5	8.6
	3.0 m				12.8*	8	10.5*	5.9					8.5	4.6	8.9
	1.5 m				14*	7.6	10.7	5.6					8.4	4.5	8.9
	0.0 m			19.6*	10.8	14.5*	7.3	10.5	5.5				8.6	4.6	8.6
	-1.5 m	14.4*	14.4*	18.8*	10.8	14.3*	7.3						9.4	5	8.1
	-3.0 m	22.1*	21.2	16.9*	11	13*	7.4						10.3*	5.9	7.2
-4.5 m	17*	17*	13.3*	11.4								10*	8.1	5.8	

■ Model: XE380E standard track width: 3190 mm · W/o bucket

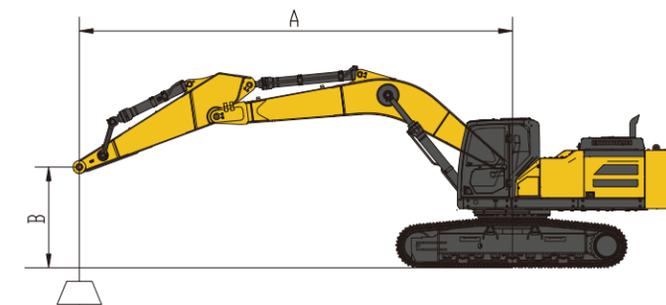
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One-piece boom 6.4 m Arm 3.2 m Shoe 600 mm Counterweight 6.9 t	7.5 m								8.4*	7.2			7*	6.6	7.8
	6.0 m								8.5*	7.1			6.8*	5.5	8.6
	4.5 m			12.9*	12.9*	10.4*	9.6		9.1*	6.8	8.5*	5.1	6.8*	5.8	9.2
	3.0 m			16.4*	13.4	12*	8.9		10*	6.5	8.5	5	7*	4.6	9.4
	1.5 m			18.8*	12.3	13.5*	8.4		10.8*	6.3	8.3	4.9	7.4*	4.5	9.4
	0.0 m			19.6*	11.9	14.3*	8.1		10.6	6	8.2	4.8	7.9	4.6	9.2
	-1.5 m	13*	13*	19.3*	11.9	14.4*	8		10.5	6			8.5	4.9	8.7
	-3.0 m	21*	21*	17.9*	12	13.6*	8		*10.5	6			9.7*	5.7	7.9
-4.5 m	20.2*	20.2*	15.1*	12.4	11.4*	8.3						9.6*	7.3	6.6	

Unit: 1000 kg	A		3.0 m		4.5 m		6.0 m		7.5 m		9.0 m		Max. reach		
	B	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	A	
One-piece boom 6.4 m Arm 2.67 m Shoe 600 mm Counterweight 6.9 t	7.5 m												9*	7.6	7.1
	6.0 m					8.3*	8.3*	9.3*	6.9				8.9*	6.1	8
	4.5 m			14.5*	14.1	11.3*	9.3	9.7*	6.8				9.1*	5.4	8.6
	3.0 m				12.8*	8.7	10.5*	6.4					8.5	5	8.9
	1.5 m				14*	8.3	10.7	6.1					8.4	4.9	8.9
	0.0 m			19.6*	11.9	14.5*	8	10.5	6				8.6	5	8.6
	-1.5 m	14.4*	14.4*	18.8*	11.9	14.3*	8						9.4	5.4	8.1
	-3.0 m	22.1*	22.1*	16.9*	12.2	13*	8.1						10.3*	6.4	7.2
-4.5 m	17*	17*	13.3*	12.6								10*	8.9	5.8	

■ Model: XE380E standard track width: 3340 mm · W/o bucket

Unit: 1000 kg	A		3.0 m		4.5 m		6.0 m		7.5 m		9.0 m		Max. reach		
	B	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	A	
One-piece boom 6.4 m Arm 3.2 m Shoe 600 mm Counterweight 6.9 t	7.5 m								8.4*	7.8			7*	7*	7.8
	6.0 m								8.5*	7.8			6.8*	6.1	8.6
	4.5 m			12.9*	12.9*	10.4*	10.4*		9.1*	7.5	8.5*	5.6	6.8*	6.4	9.2
	3.0 m			16.4*	14.8	12*	9.8		10*	7.2	8.9*	5.5	7*	5.1	9.4
	1.5 m			18.8*	13.7	13.5*	9.3		10.8*	6.9	9.1	5.5	7.4*	5	9.4
	0.0 m			19.6*	13.3	14.3*	9		11.3*	6.7	8.9	5.3	8.1*	5.1	9.2
	-1.5 m	13*	13*	19.3*	13.3	14.4*	8.8		11.4*	6.6			9.3*	5.5	8.7
	-3.0 m	21*	21*	17.9*	13.4	13.6*	8.9		10.5*	6.7			9.7*	6.3	7.9
-4.5 m	20.2*	20.2*	15.1*	13.8	11.4*	9.2						9.6*	8	6.6	

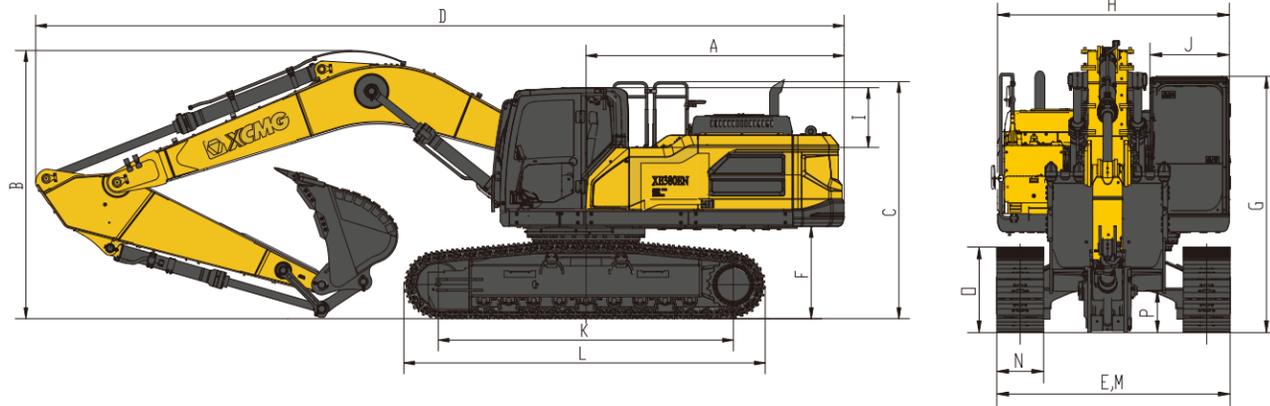
Unit: 1000 kg	A		3.0 m		4.5 m		6.0 m		7.5 m		9.0 m		Max. reach		
	B	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	A	
One-piece boom 6.4 m Arm 2.67 m Shoe 600 mm Counterweight 6.9 t	7.5 m												9*	8.3	7.1
	6.0 m					8.3*	8.3*	9.3*	7.5				8.9*	6.7	8
	4.5 m			14.5*	14.5*	11.3*	10.1	9.7	7.3				9.1*	5.9	8.6
	3.0 m				12.8*	9.6	10.5	7					9.3*	5.5	8.9
	1.5 m				14*	9.1	11.1*	6.8					9.1*	5.4	8.9
	0.0 m			19.6*	13.3	14.5*	8.9	11.4*	6.6				9.4*	5.5	8.6
	-1.5 m	14.4*	14.4*	18.8*	13.3	14.3*	8.8						10.1*	6	8.1
	-3.0 m	22.1*	22.1*	16.9*	13.6	13*	9						10.3*	7.1	7.2
-4.5 m	17*	17*	13.3*	13.3*								10*	9.8	5.8	



☐ : Over front
☐ : Over side or 360°

- The lifting capacity is based on the ISO10567 standard.
- * = The maximum lifting capacity is limited by the hydraulic capacity of the machine.
- 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.
- 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.
- The lift diagrams only covers machines that are originally built by XCMG; without lifting chains and any other lifting equipment.
- When the excavator is used to lift or handle materials, it must comply with local.





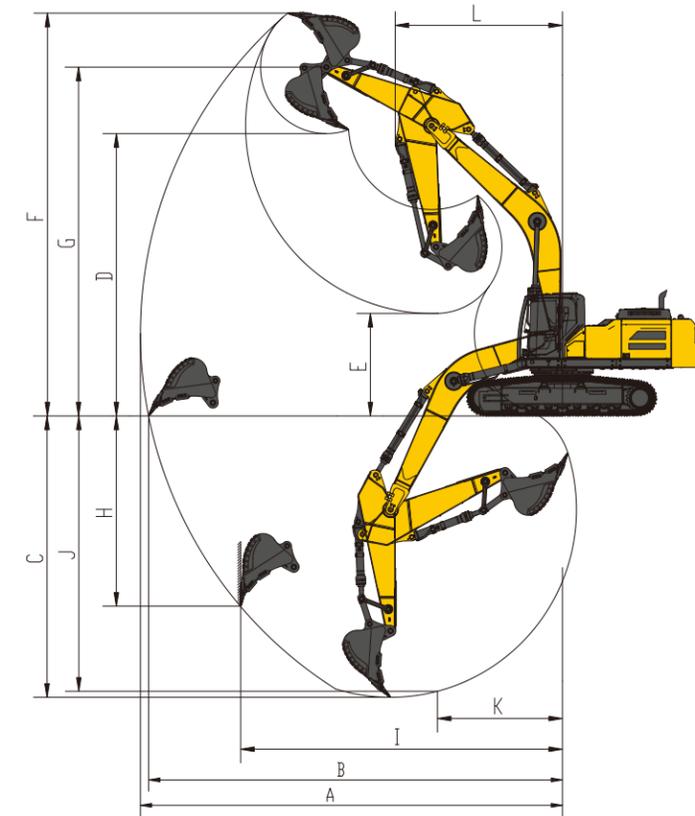
■ Dimensions

	XE380E						XE380EN		
	6400						6400		
Boom Length - mm									
Arm Length - mm	3200	2900	2670	3200	2900	2670	3200	2900	2670
Bucket Capacity - m ³	1.7	1.9	1.9	1.7	1.9	1.9	1.7	1.7	1.9
A Tail swing radius - mm	3618	3618	3618	3618	3618	3618	3618	3618	3618
B Shipping height (boom) - mm	3724	3715	3715	3724	3715	3715	3724	3715	3715
C Shipping height (guardrail) - mm	3292	3292	3292	3292	3292	3292	3292	3292	3292
D Shipping length - mm	11335	11437	11437	11335	11437	11437	11335	11437	11437
E Shipping width - mm	3340*	3340*	3340*	3190	3190	3190	2990	2990	2990
F Counterweight clearance - mm	1282	1282	1282	1282	1282	1282	1282	1282	1282
G Height over cab - mm	3379	3379	3379	3379	3379	3379	3379	3379	3379
H Upper structure width - mm	2970	2970	2970	2970	2970	2970	2970	2970	2970
I Cab height above house - mm	830	830	830	830	830	830	830	830	830
J Cab width - mm	1015	1015	1015	1015	1015	1015	1015	1015	1015
K Tumbler distance - mm	4255	4255	4255	4138	4138	4138	4138	4138	4138
L Track length - mm	5259	5259	5259	5067	5067	5067	5067	5067	5067
M Undercarriage width - mm	3340*	3340*	3340*	3190	3190	3190	2990	2990	2990
N Shoe width std. - mm	600	600	600	600	600	600	600	600	600
O Track height - mm	1115	1115	1115	1086	1086	1086	1086	1086	1086
P Ground clearance - mm	551	551	551	538	538	538	538	538	538

Remarks: The mark * is widened undercarriage

■ Digging forces (ISO)

	One-piece boom		
	6400		
Boom length - mm			
Arm length - mm	3200	2900	2670
Bucket capacity - m ³	1.7	1.9	1.9
Bucket [Normal/Press. Up] - kN	249/268	249/268	249/268
Arm [Normal/Press. Up] - kN	172/186	191/206	211/227



■ Working range

	XE380E/XE380EN		
	One-piece Boom		
Boom length - mm	6400		
Arm length - mm	3200	2900	2670
Bucket capacity - m ³	1.7	1.9	1.9
A Max. digging reach - mm	11244	10968	10649
B Max. digging reach (ground) - mm	11027	10751	10420
C Max. digging depth - mm	7423	7147	6886
D Max. unloading height - mm	7452	7300	6987
E Loading height - mm	2708	2970	3240
F Max. digging height - mm	10630	10508	10090
G Max. bucket pin height - mm	9205	9060	8736
H Max. vertical wall depth - mm	5018	4632	4226
I Max. radius vertical - mm	8570	8516	8463
J Max. digging depth [8' level] - mm	7258	6982	6707
K Min. radius 8' line - mm	3312	3322	3328
L Min. swing radius - mm	4456	4560	4560



Standard and optional equipment

■ Engine

Urea tank	●
Automatic preheating	●
Oil-water separator with water level indication sensor	●
Oil-water separator with heater [24 V]	○
Straight-flow air cleaner	●
Oil bath type air prefilter	○
50 °C high temperature ambient cooling assembly	●
Dust screen for radiator	●
Fuel marker	●
Fuel-water quick release device	●
Electronically controlled silicone oil clutch	●
Fuel filling pump 50 L/min	●
Fuel breather valve	●
Air cleaner pressure indicator	●
Auto-idle function	●

■ Hydraulic system

Auxiliary hydraulic valve	●
One & two way hydraulic line for hammer and thumb plier	●
Attachment tilting and rotating lines	●
Hammer circuit oil filter	●
Hydraulic quick coupler lines	●
Hydraulic oil ISO VG 46	●
Hydraulic oil ISO VG 32	○
Hydraulic oil ISO VG 68	○
Right proportional joystick with rocker switch [AUX1]	●
Left proportional joystick with rocker switch [AUX2]	●
Gauge pressure monitoring	●
AUX 1 and AUX 2 flow set on monitor	●
AUX 1 pressure set on monitor	●

■ Cab and Interior

Supercharged cab	●
Air suspension seat with heater	●
Control box	●
Rain visor	●
Front windshield divided 70/30 ratio	●
Double laminated windshield	○
Toughened windows	●
Double laminated windshield and other toughened windows	○
Sliding fold-in front window	●
Bi-directional air outlet air conditioner with defroster [automatic type] [pressurization function]	●
Color LCD display capable of displaying warning information, and working hours"	●
Travel control pedal with detachable manual control lever	●
Double stereo speaker	●
Cup holder	●
Coat hook	●
Floor mat	●
Retractable seat belt [51 mm [2"] wide]	●
High and low travel speed switch	●
One-key boost mode	●
Reserve switch for attachments	●
Sunlight protection, roof	●
Top sunroof	●
Windshield wiper with intermittent feature	●
File packet	●
Hot and cool box	●
Rear window emergency exit	●
Hammer for emergency escape	●

■ Undercarriage

Narrow undercarriage [2990 mm]	●
Standard undercarriage [3190 mm]	○
Standard undercarriage [3340 mm]	○
2x3 track guard	●
2x49 joint track, 2x9 track roller	●
2x51 joint track, 2x9 track roller	○
2x2 top roller	●
2x2 undercarriage tiedown ring	●
600 mm [24"] triple grouser track shoes	●
Protective device kit: undercarriage bottom sealing plate, walking motor sealing plate	●
700 mm [28"] triple grouser track shoes	○
800 mm [31"] triple grouser track shoes	○
Track rubber block	○

■ Working device

Boom 6.4 m	●
Arm 3.2 m	●
1.7 m ² rock bucket	●
Arm 2.9 m	○
Arm 2.67 m	○
1.9 m ² rock bucket	○
2.1m ² reinforced bucket	○
31 inches width ditching bucket	○

■ Electronic system

Battery [2x 850 CCA]	●
70 A alternator	●
7.8 kW starter motor	●
5 V USB interface	●
Engine stop switch in the cab	●
Right-view camera	●
Rear-view camera	●
270° range image	○
Bluetooth and AM-FM radio set on monitor	●
DAB, Bluetooth, and AM-FM radio set on monitor	○
Travel buzzer with switch	●
Beacon lamp	●
2 LED lights cab-mounted [front]	●
1 LED light cab-mounted [rear]	●
2 LED lights on boom	●
12 V power interface	●
24 V power interface	○
Ceiling light	●

■ Counterweight

6.9 t counterweight	●
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■ Lubrication system

Automatic lubrication system	○
Boom and arm manual concentration	●

■ Safety

Side impact beam	○
Driving door locks and cabin locks	●
Alarm horn	●
Quick-coupler switch with buzzer	●
Isolation plate between engine and oil pump chamber	●
Battery circuit breaker	●
Overheat alarm	●
Safety handrails and pedals	●
Anti-skid plate/ anti-skid paste	●
Hydraulic safety locking lever	●
Right and left rear-view mirrors	●
Counterweight rear-view mirrors	○
Safety valves for boom cylinders	●
Safety valve for arm cylinders	●
Roll over protective structure [ROPS]	●
Operator protective Guards [OPG]	○
Net on the front lower windshield	●

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

