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XE60DA

Hydraulic Excavator



CAMC

Advanced Configuration**Ecological and economical**

- ▶ Adopting new environmental friendly Yanmar engine, low speed torque, low fuel consumption, high operating efficiency, reliable and durable.
- ▶ It adopts a cross-stage large displacement constant power variable pump with high volumetric efficiency.

**Multiple applications**

- ▶ Short tail design and short slewing radius can achieve flexible operation in confined space
- ▶ Multiple additional configurations to adapt to a variety of operating requirements

Comfortable operational experience

- ▶ Fresh air conditioning system to ensure the appropriate temperature
- ▶ Toughened glass cockpit with good safety view
- ▶ Detailed design concept improves comfort

Excellent after-sales service

- ▶ Global after-sales service system and quick response mechanism
- ▶ Real-time technical consultation and maintenance

Convenient maintenance

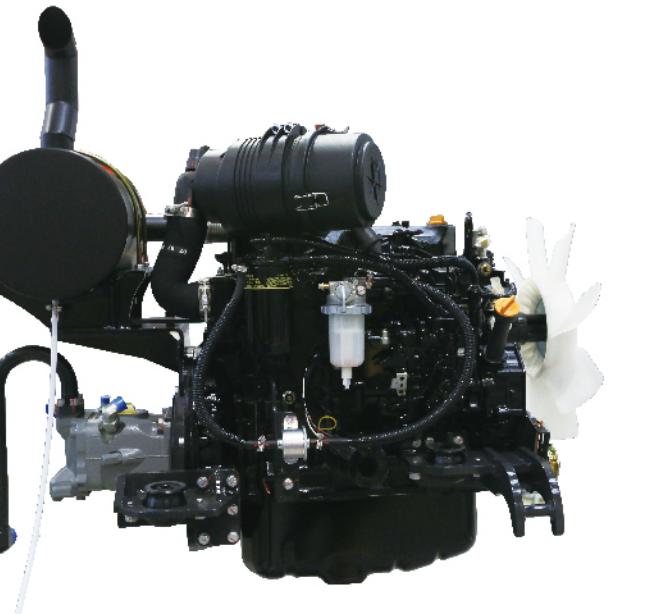
- ▶ Easy maintenance design, open the engine hood for no dead angle maintenance
- ▶ The high pressure quick coupler pipeline and the back-up pipeline with adjustable flow make you use at ease.

Safe and durable

- ▶ Integrated body design
- ▶ Strengthened structure and stress dispersing
- ▶ Upgrade undercarriage to improve load bearing performance

► Ecological And Economical

- Adopting new environmental friendly Yanmar with low speed torque, low fuel consumption and high operating efficiency, reliable and durable. The arrangement of the intake line is optimized to reduce the intake resistance, increase the intake air quantity, and improve fuel utilization.
- It adopts a cross-stage large displacement constant power variable pump with high volumetric efficiency. By properly adjusting the pump power and adopting a new generation of main valve with lower pressure loss, the overall energy consumption is lower, the corresponding speed is faster, and the control is more precise.



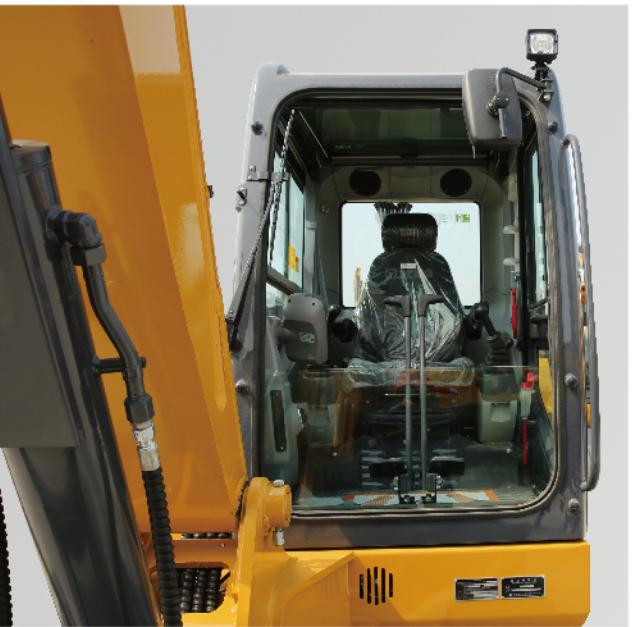
► Comfortable And Safe

Comfortable

- The cab is simple, smooth, and more beautiful. The rear view is wider, and the cab is equipped with a new silicone oil shock absorber, which greatly reduces the fatigue of the driver's long-term operation and improves work efficiency. Increasing the glass sliding window on the right side of the cab and opening the left and right sliding windows of the cab can form convection of the wind. At the same time, it is convenient for the driver to communicate with people on both sides of the vehicle.



- The cab, undercarriage and console are integrated by adopting advanced welding technology, which greatly reduces indoor noise and ensures the comfort of operator.



Reliable

- 1. The oil pipe of the arm cylinder is arranged on both sides of the cylinder to prevent the cylinder pipe from being damaged due to excessive movement when the boom is lifted under the condition that the height is restricted.



- The layout of the three-inch working lights is reasonable, which ensures the safety of the operator's night work.
- Add a power relay protection box to prevent the power relay from being damaged by dust or rain. The high current fuse is placed near the battery to protect the entire vehicle circuit.
- Re-optimize the design of the boom and the arm, and further strengthen the key parts. The bucket tooth is mounted on the horizontal pin and adopts a new pin fixing method to effectively prevent the bucket tooth from falling off.
- The tailstock part of the rotary platform is mainly strengthened, and the box structure is adopted to increase the overall rigidity to prevent the tailstock from deforming after a long time of work. At the same time, the strength of the engine legs is increased to meet the severe working conditions of engine vibration during heavy load operation.



Maintenance And Service

- After the hood is opened, the maintenances of diesel engine filter and oil filter are within reach.
- A wide range of after-sales service system, quick-response rescue mechanism to ensure that you use at ease.
- The glass liquid water bottle is installed on the back side of the cab to facilitate the observation of the glass water level.
- The slewing motor gear oil filling port is led out to the fuel tank for easy filling of the gear oil, which reduces maintenance difficulty and greatly reduces maintenance man-hours.





Multiple Application Conditions

The short tail design with short slewing radius, it can realize complex operation together with upper structure slewing to ensure that the digging is parallel with wall surface in narrow space through the cooperation of upper structure slewing so as to easily deal with various operating conditions. Operation in narrow lane can also be done through the swing of the dozer blade.

With one set of high pressure quick coupler pipeline and two sets of back-up pipelines with adjustable flow, it can provide more attachment options and the adjustable flow control allows user to operate more smoothly.

Standard Equipment

Name of equipment	XE60DA
Engine model	4TNV94L
Emission level	National III
Manual preheating	
Air cleaner (equipped with air cleaner blockage indicator)	
Double filter element of air filter	
Air prefilter	
Engine	Collector type engine oil filter
	Collector type fuel main filter
	Fan shroud
	Radiator auxiliary water tank
	Oil-water separator
	Alternator
	Soft shaft speed control
	Control valve with main overflow valve
	Pilot filter
	Oil suction filter
Hydraulic system	Accumulator
	Arm flow regeneration
	Hydraulic oil ISO VG 46
	Spare valve plate
	AM - FM radio with digital display
	All - weather soundproof steel structure cab
Cab and interior trim	Beverage cup holder
	Two stereo speakers
	Engine key switch
	Emergency hammer

Fire extinguisher support
Front window washer
Cleanable floor mat
Footrest board
Luxury seat
Openable front upper windshield
Removable front and lower windshield
Tempered glass sliding door and window
Intermittent windscreens wiper
Seat belt
Control handle
Cab and interior trim
Travel control pedal with detachable manual control lever
Coat and hat hook
High and low gears shift
Air conditioning system
Cigarette Lighter/Standby Power Supply
Top sunroof
Internal lighting in the cab
Document bag
Rearview mirror
LCD liquid crystal monitor
Driving door locks and cabin locks
Alarm horn
Parking brake for walking
Rotary parking brake
Battery circuit breaker
Hydraulic safety locking lever
Emergency escape hammer
Safety and security configuration

Safety and security configuration	Left and right rearview mirrors
	Front work light
Chassis system and shield	Track tensioning mechanism
	Bottom frame traction ring
Working device	400 mm three-rib track shoe
	Bottom sealing plate of chassis
Electrical system	Walking motor sealing plate
	Track clamp
Lighting lamp	Bulldozer shovel
	Supporting chain wheel and supporting wheel
Working device	Boom
	Bucket rod
Electrical system	Bucket 0.23m ³ (ISO full bucket)
	Battery (1× 90Ah)
Lighting lamp	12V power interface
	Engine cooling water temperature display
Electrical system	Fuel level display
	Engine speed display
Lighting lamp	Working hour meter
	Engine oil pressure, engine overheat alarm
Electrical system	Charging indication
	Air filter clogging alarm
Lighting lamp	Engine warm-up indication
	Hydraulic oil temperature alarm
Lighting lamp	Left boom working light
	Working light mounted in the cab
Counterweight	Counterweight

Optional Equipment

	Name of equipment	XE60DA
Hydraulic system	Hydraulic pipeline: breaking hammer	
	Hydraulic oil ISO VG 32, 68	
Cab and interior trim	Fire extinguisher	
Safety and security configuration	Roll over protection structure (ROPS)	
	Falling object protection structure (FOPS)	
Chassis system and shield	Track rubber block	
	Breaking hammer	
Working device	Bucket 0.08m ³ (ISO full bucket)	
	Bucket 0.21m ³ (ISO full bucket)	
	Bucket 0.25m ³ (ISO full bucket)	
	Bucket 0.30m ³ (ISO full bucket)	
Electrical system	12V cigarette lighter	

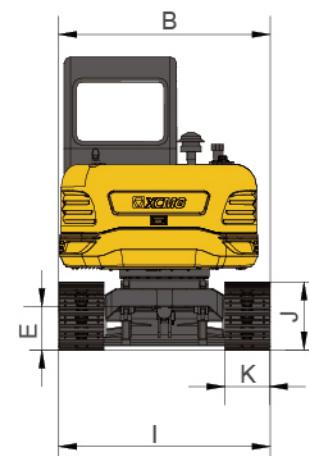
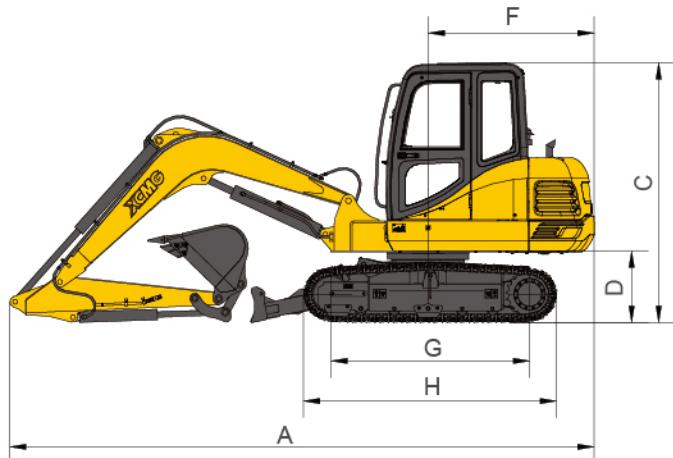
Main Specifications

Item	unit	Main specifications
Model	/	XE60DA
Operating weight	Kg	6010
Bucket capacity	m ³	0.23
Model	/	4TNV94L-BVXG
Direct injection	/	√
Four strokes	/	√
Water cooling	/	√
Engine	Turbo-charging	/ ×
	Air-to-air intercooler	/ √
	No.of cylinders	/ 4

Item	unit	Main specifications
Engine	Rated power	kw/rpm
	Maximum torque/speed	N.m/rpm
	Displacement	L
	Travel speed (H/L)	km/h
Main performance	Swing speed	r/min
	Gradeability	°
	Ground pressure	kPa
	Bucket digging force	kN
Hydraulic system	Arm digging force	kN
	Maximum tractive force	kN
	Main pump	/
	Rated flow of main pump	L/min
Oil Capacity	Main safety valve pressure	MPa
	Travel system pressure	MPa
	Swing system pressure	MPa
	Pilot system pressure	MPa
Standard	Fuel tank capacity	L
	Hydraulic tank capacity	L
	Engine oil capacity	L
Optional	Length of boom	mm
	Length of arm	mm
	Bucket capacity	m ³
Others	Others	/
	Bucket capacity	m ³

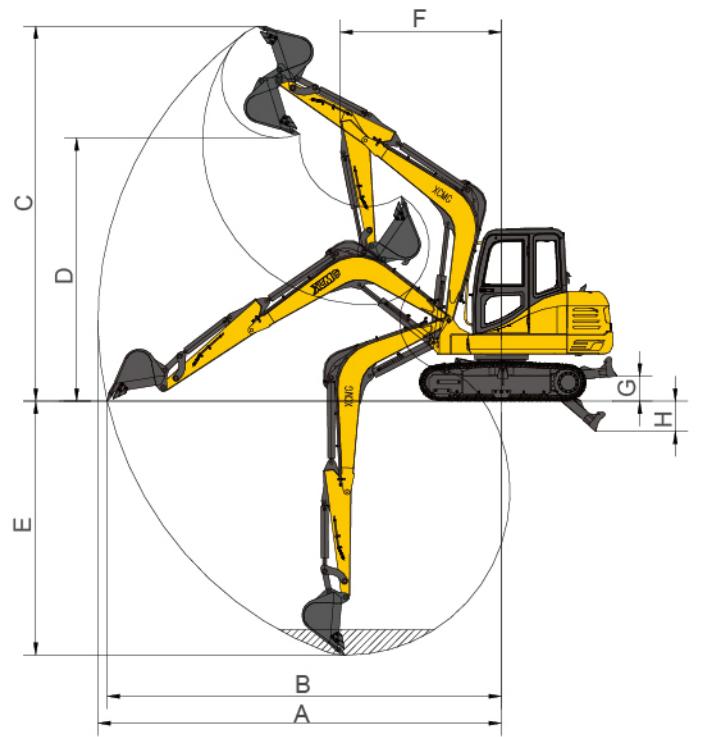
Dimensions

Item	Unit	Parameters
Apperance size	A Overall length	mm 5860
	B Overall width	mm 1920
	C Overall height	mm 2585
	D Width of platform	mm 1780
	E Overall width of chassis	mm 1920
	F Track shoe width	mm 400
	G Wheel gauge	mm 1990
	H Track gauge	mm 1500
	I Counterweight clearance	mm 700
	J Minimum ground clearance	mm 385
Dozer blade (width / height)		mm 1920×340



Working Range

Item	Unit	Parameters
Working scope	A Max. digging height	mm 5630
	B Max. dumping height	mm 3945
	C Max. digging depth	mm 3830
	D Maximum depth cut for 2240mm(8 ft) level bottom	mm 2680
	E Maximum vertical wall digging depth	mm 6130
	F Max. digging radius	mm 2460
	G Min. swing radius	mm 1670
	Dozer blade maximum lifting height	mm 390
	Dozer blade maximum digging depth	mm 560



Lifting Capacity

Lifting point height (m)	Rated lift capacity – Straight ahead (back) (kg)			Rated lift capacity – over-side (kg)			Lifting capacity at maximum radius	
	Lifting point radius (m)		Lifting capacity at maximum radius	Lifting point radius (m)		Lifting capacity at maximum radius		
	1.5	3		4.5	1.5			
4.5			*990				870	
3			870	750		630	530	
1.5		1640	830	630	1160	580	430	
Ground		1500	780	640	1030	540	440	
-1.5	*2370	1480		810	*2370	1010	560	

Capacities marked with an asterisk(*) are limited by hydraulic capacities.