



XE17U

Hydraulic Excavator



Advanced Configuration

Ecological and economical

- ▶ Engine compliant with Euro stage V Emission Standard
- ▶ The excellent matching of hydraulic system and engine is more powerful and fuel saving

Multiple applications

- ▶ The stretchable undercarriage can ensure the stability, improve the loading performance and meanwhile enhance the passing ability
- ▶ Zero tail design and short slewing radius can achieve flexible operation in confined space
- ▶ Multiple additional configurations meet with different operating requirements

Comfortable operating experience

- ▶ Detailed design concept improves comfort
- ▶ Color display provides convenient visual information





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

Improved durability

- ▶ Four point support cab, with piping and wiring harness built-in
- ▶ Strengthened boom and arm, stress dispersing
- ▶ Upgrade undercarriage to improve load bearing performance

Ecological And Economical

Power system

- ▶ Engine compliant with Euro stage V Emission Standard can effectively reduce fuel consumption and emission. The mechanical oil-injection pump has more reliable performance. Sufficient reserve of low speed torque and strong power.



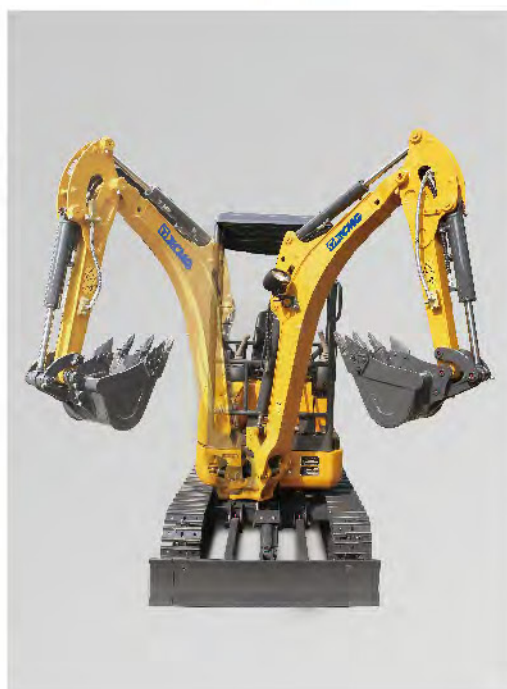
Hydraulic system

- ▶ Key hydraulic components adopt up-to-date technology, featuring hydraulic system with low energy consumption, fast response speed, accurate control and small impact so that strong digging force and excellent operating efficiency are ensured. The power of engine and hydraulic system match perfectly so that the engine can work in optimum fuel consumption level to improve fuel efficiency and save operational cost.



Multiple Application Conditions

- ▶ The adoption of zero tail design and super short slewing radius ensures the machine to work in narrow working conditions.
- ▶ The left and right boom swing angle is respectively 60° and 50°, 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 superstructure slewing so as to easily deal with various operating conditions.
- ▶ The stretchable undercarriage can improve the passing ability of the whole machine, and the widened undercarriage during operation provides better stability and loading performance for the whole machine.



Comfortable And Reliable

Comfortable

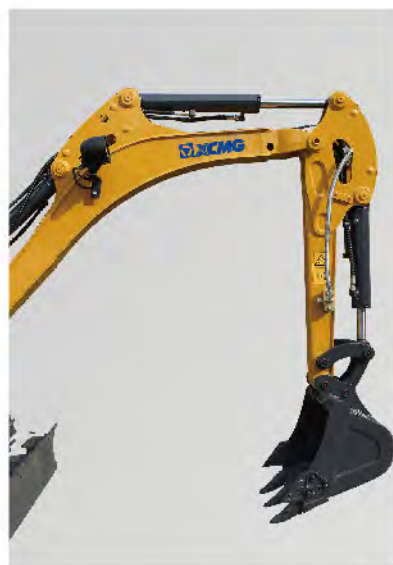
- ▶ More intimate configurations such as newly designed wrist rest and cup holder improve operating comfort and convenience of the operator.



- ▶ The newly designed reversible armrest will effectively increase aisle dimension.
- ▶ New color LCD monitor compliant with ergonomics requirements provides more automatic control functions and visual information so that trouble shooting time is greatly shortened.



Reliable



- ▶ Four-point support cab compliant with safety standard ensures the strength, meanwhile improves vision and guarantees higher operation security.
- ▶ The stress bearing capability of boom and arm is emphatically strengthened so that their service lives are improved.

- ▶ The built-in pipelines and wiring harnesses give more efficient protection to improve service life.



- ▶ Optimize the structure of the undercarriage and box-type bulldozer, which is more robust and durable.



Maintenance And Service

- ▶ Convenient maintenance and service at your fingertips.

Diesel oil filter, engine oil filter, oil-water separator and air filter are all designed for easy check and service on the ground; the inspection and refilling of oil, starting motor, battery and auxiliary water tank are extremely convenient.

- ▶ The refilling of fuel and water is convenient and efficient, which can be easily realized from antifreeze drain port, oil drain port, hydraulic oil drain port and diesel oil drain port at the bottom of turntable without removal of hood.
- ▶ The master power control devices are arranged under foot pedal baseboard, which is easier to be operated.
- ▶ A wide range of after-sales service system, quick-response rescue mechanism to ensure that you use at ease.



Standard Configuration

	Name of equipment	Direct Injection	XE17U
Engine	Engine model		D902
	Emission level		Euro V
	Manual preheating		
	Fuel strainer		
	Oil-water separator		
	Fuel filter		
	Radial seal air filter		
	Oil filter		
	Cleanable Radiator		
	Oil-water quick release device		
	Mechanical rotation speed control		
Hydraulic system	Unloading valve		
	Auxiliary hydraulic valve		
	Retractable and bulldozer switching circuit		
	Stop pressure relief		
	Hydraulic oil ISO VG 46		
Cab and interior trim	Single and double switchable hydraulic backup line		
	Adjustable seat armrest		
	Color LCD display with warning message, filter/liquid replacement information and hours of operation		
	Joysticks		
	Cup holder/file pocket		
	Cleanable floor mat		
	Retractable seat belt		
	High and low gears shift		

Safety and security configuration	Alarm horn
	Battery circuit breaker
	Overheat alarm mode
	Hydraulic safety locking lever
Chassis system and shield	Bottom frame traction ring
	Protective device kit: travel motor sealing plate
	Rubber crawler
	Retractable chassis
Equipment	Width adjustable dozer blade
	Boom
	Arm 0.95 m
	Bucket 0.04 m ³ earthwork bucket
Electrical system	Battery (325CCA)
	40 A alternator
	1.2 kW starter motor
Lighting lamp	Boom lamp
Counterweight	192 KG counterweightAlarm horn
Lubrication system	Rotary concentration

Optional Configuration

Hydraulic system	Hydraulic oil ISO VG 32, 68
Safety and security configuration	Falling object protection structure (FOPS)
Chassis system and shield	Steel crawler
Equipment	Quick coupler
	Bottom frame traction ring

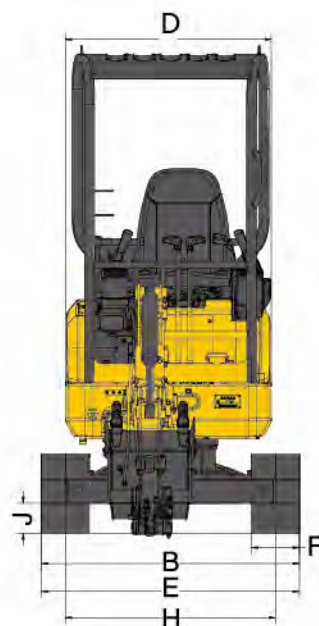
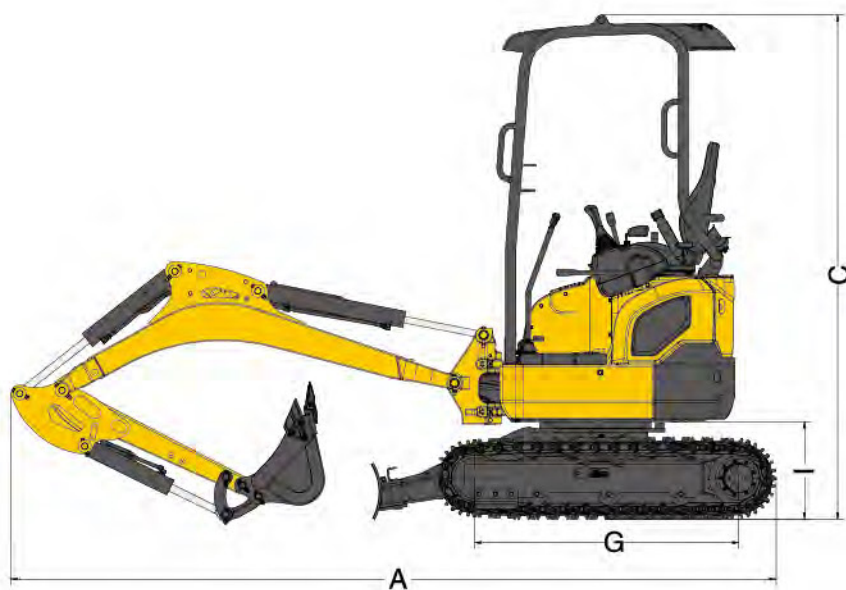
Main Specifications

Item		Unit	Parameters
Model		/	XE17U
Operating weight		Kg	1795
Bucket capacity		m ³	0.04
Engine	Model	/	D902
	Direct Injection	/	×
	Four Strokes	/	√
	Water Cooling	/	√
	Turbo-charging	/	×
	No. of Cylinders	/	3
	(GB/T 17692)Rated net power	kw/rpm	12
	Maximum torque/speed	N.m	52.1/1800
	Displacement	L	0.898
Main Performance	Travel speed	km/h	3.9/2.1
	Swing speed	r/min	10.0
	Gradeability	°	30
	Ground pressure	kPa	28.5
	Bucket digging force	kN	16
	Arm digging force	kN	10
	Maximum tractive force	kN	15.6
Hydraulic System	Rated flow of main pump	L/min	57.5
	Working Pressure	MPa	21.6
	Travel system pressure	MPa	21.6
	Swing system pressure	MPa	11
	Pilot system pressure	MPa	3.9
Oil Capacity	Fuel tank capacity	L	17
	Hydraulic tank capacity	L	18
	Engine oil capacity	L	3.8

	Item	Unit	Parameters
Standard Configuration	Length of boom	mm	1828
	Length of arm	mm	950
	Bucket capacity	m ³	0.04
Optional Configuration	Bucket capacity	m ³	
	Auxiliary tools and others	/	

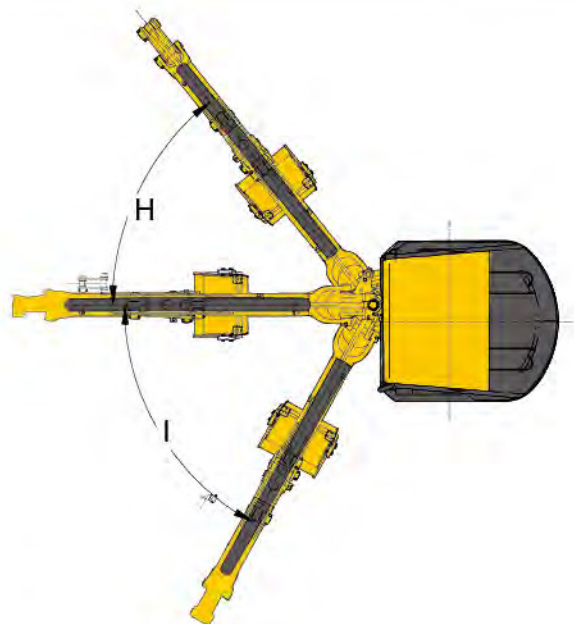
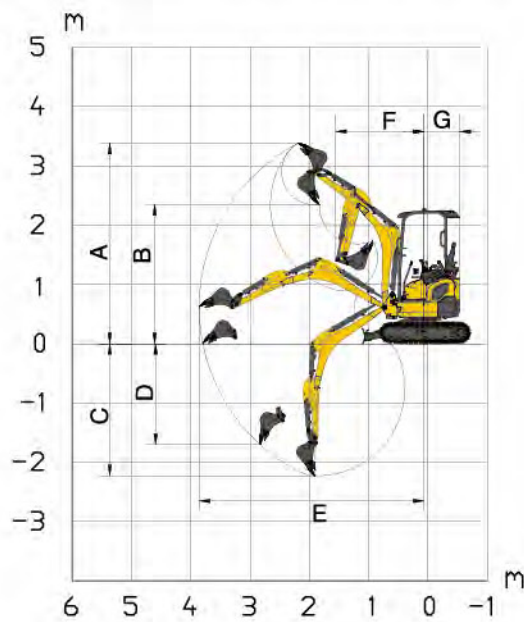
Dimensions

	Item	Unit	Parameters
Apperance size	A Overall length	mm	3560
	B Overall width	mm	990/1240
	C Overall height	mm	2350
	D Width of platform	mm	990
	E Total width of chassis	mm	990/1240
	F Width of crawler	mm	230
	G Crawler base	mm	1230
	H Track gauge	mm	760/1010
	I Counterweight clearance	mm	450
	J Minimum ground clearance	mm	145



working Range

	Item	Unit	Parameters
working range	A Maximum digging height	mm	3475
	B Maximum dumping height	mm	2415
	C Maximum digging depth	mm	2290
	D Maximum vertical wall digging depth	mm	1750
	E Maximum digging radius	mm	3900
	F Minimum swing radius	mm	1550
	G Minimum tail swing radius	mm	620
	Maximum Dozer Lifting Height	mm	260
	Maximum Dozer Cutting Depth	mm	180



Lifting Capacity

Lifting point height (m)	Rated lift capacity – Straight ahead (back) (kg)				Rated lift capacity – over-side (kg)			
	Lifting point radius (m)			Lifting capacity at maximum radius	Lifting point radius (m)			Lifting capacity at maximum radius
	1	2	3		1	2	3	
2		*296.2		313.2		*296.2		256.8
1		536.2	296.7	258.3		427.8	242.3	211.2
Ground		500.6	285.8	256.8		394.7	231.7	208.9
-1	*970.1	497.3		316.9	*970.1	391.6		255.6

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



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