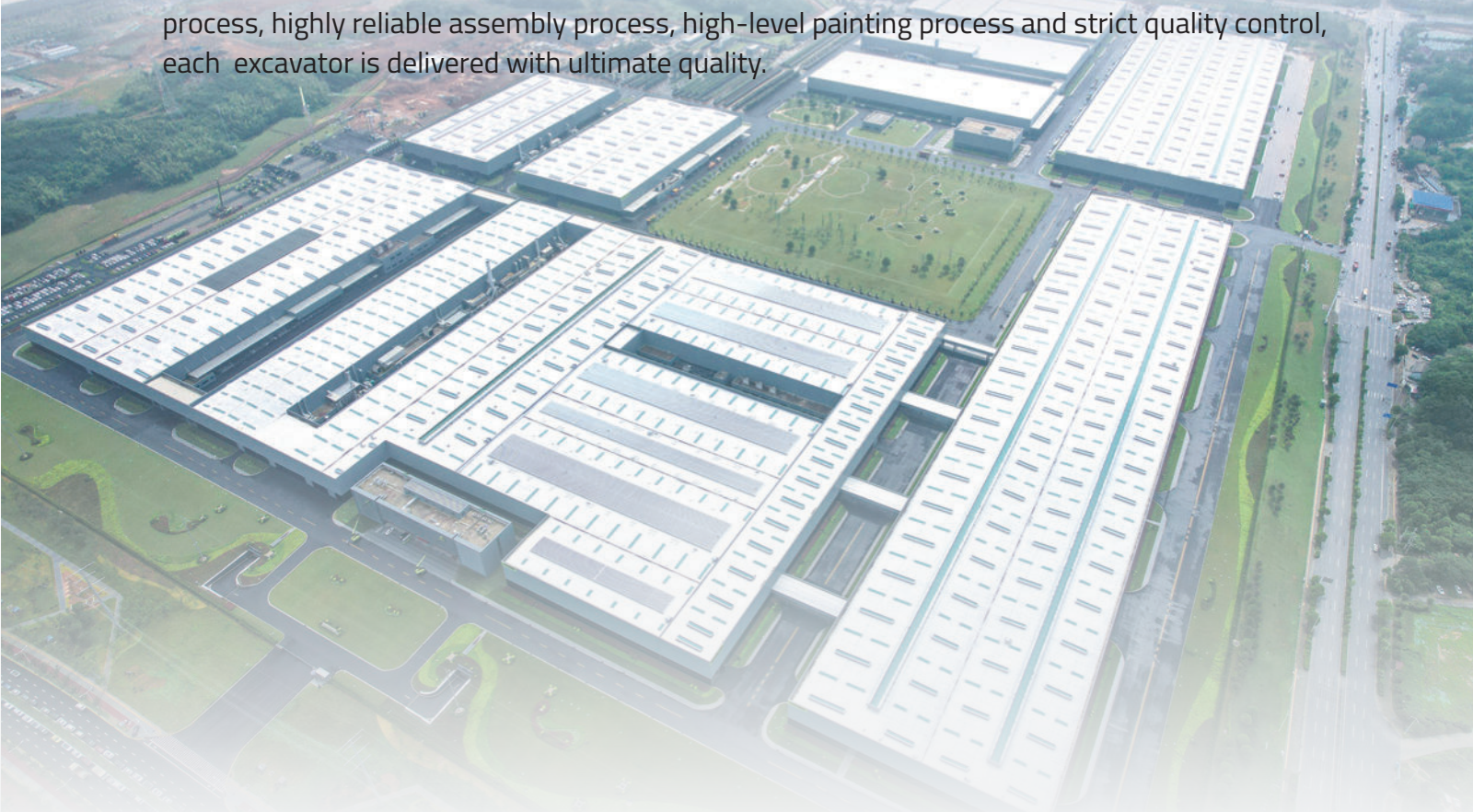


ZOOMLION TECHNOLOGY WITH INGENUITY AND CARE



THE WORLD'S LEADING EXCAVATOR INTELLIGENT MANUFACTURING FACTORY

Zoomlion Smart City Earthmoving Machinery Park is an industry-leading intelligent and flexible excavator factory. From a piece of steel plate to an excavator, with high-precision welding process, highly reliable assembly process, high-level painting process and strict quality control, each excavator is delivered with ultimate quality.



ZOOMLION

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Note: Materials and specifications are subject to change without notice. Featured machines in photos may include additional equipment.



ZOOMLION 1.8T CRAWLER HYDRAULIC EXCAVATOR

ZE18GU



ZOOMLION

**VISION
CREATES
FUTURE**



ZOONLION MINI-EXCAVATOR

ZE18GU

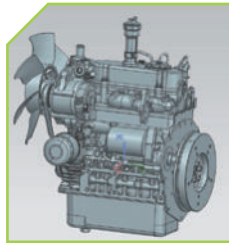
Engine power:
11.8 kw @ 2300 rpm

Machine weight:
1800 kg

Bucket capacity:
0.04m³

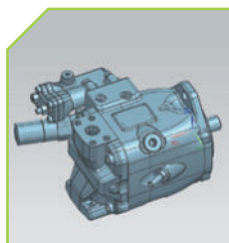


ZOOMLION MINI-EXCAVATOR



FAMOUS BRAND ENGINE

With three-vortice combustion system (E-TVCS)
Mechanical speed regulation
High power, sufficient power reserve, fuel saving.



A COMBINATION OF THE NEW-GENERATION ZOOMLION MAIN PUMP

28cc large displacement engine of large torque and high power reserve achieves low fuel consumption and high work efficiency.



ZOOMLION ZE18GU

ZOOMLION ZE18GU has powerful performance and features, which can easily meet customer needs. A high configuration model is equipped with a crushing pipeline, a quick coupler pipeline, and multiple attachment pipelines, and allows the user to control the AUX line with a switch on the joystick for easier operation.

ZERO-TAIL SWING



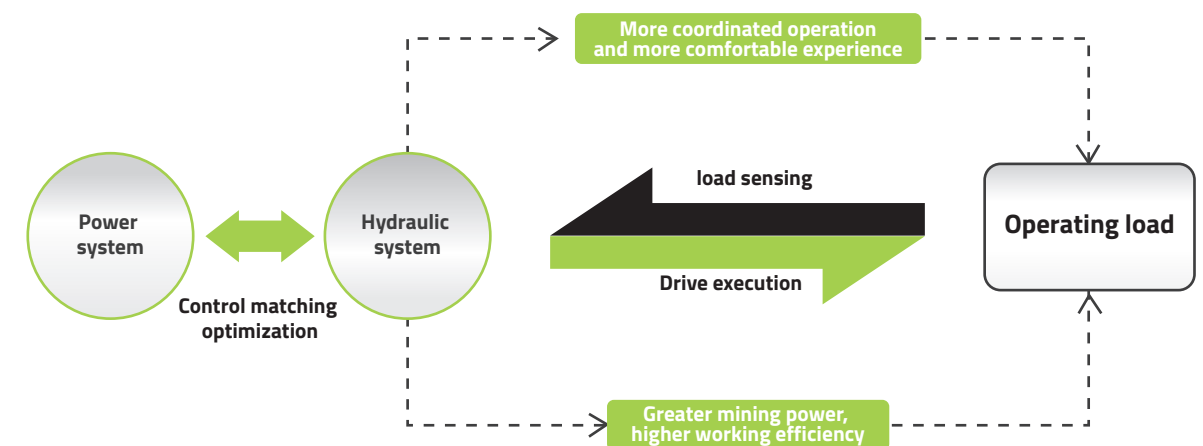
ZERO TAIL SWING

The zero-tail swing of ZE18GU is the true zero-tail swing, and its radius of swing will not exceed the width of the track in the full state. This design means it can be built in tight Spaces and on busy roads; Stop letting space be a limit.



LOAD SENSITIVE SYSTEM

It can provide and distribute the flow according to the needs of the system, which meets the requirements of the actuator speed regulation and compound action, and the working efficiency is higher than that of the three-pump throttling system.





Retractable track, which allows the width of the machine to be adjusted from 990mm to 1240mm. In narrow working spaces, the track shrinks so that the machine becomes narrower to achieve better passability.

CONTROL PANEL

The LCD instrument panel provides key control. The user-friendly operation panel not only is full of technology, but also retains the physical key touch feeling. The menu bar on the right allows you to view key information such as engine speed, cooling oil temperature, and fuel level.



ROPS/FOPS Canopy

Safety is our primary concern. The cab meets ROPS (Roll-Over Protective Structure) and FOPS (Falling Objects Protective Structure) requirements. This is in line with our "people-oriented" concept to provide customers with a good working environment and improve work efficiency.

SMOOTH THROTTLE

The push rod outside the right armrest box is the throttle lever (push forward to reduce the throttle, and pull backward to increase it).

ELECTRICAL PROPORTIONING JOYSTICK FOR A HIGH-CONFIGURATION MACHINE

The electric proportional joystick of a high configuration machine can better assist customers in controlling various attachments to complete various tasks.



Adjustable armrest, which perfectly matches with the joystick, letting the operator work in the most comfortable posture with high efficiency.



Different from the traditional boom cylinder position, the boom cylinder of ZE18GU is located above the boom to prevent splashed stones from damaging the cylinder, especially in breaking work.



The working piping and boom harness are built in to protect these fragile components from damage.

OPEN INSPECTION

By lifting the cab foot pad and opening the bottom plate, the hydraulic system can be checked through the window, without the need to tighten bolts or take other actions.



ONE-STEP MAINTENANCE

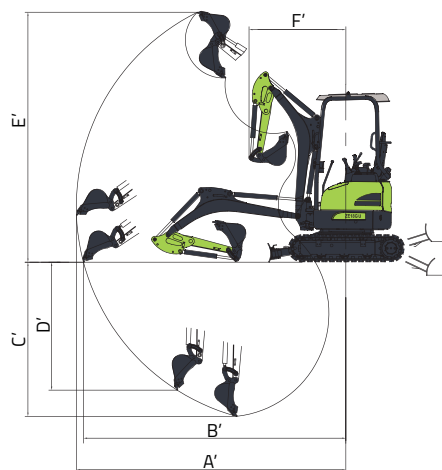
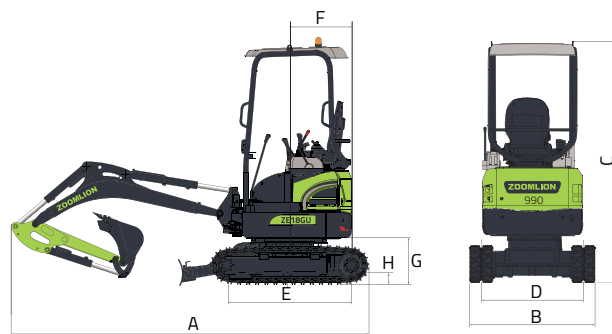
To open the whole tail covering piece, you only need to gently press the lock and rotate the buckle. All maintenance parts are within reach, maintenance space is large, and the maintenance method is simple, which greatly reduces the maintenance time and increases the work efficiency.



By opening the cover plate, you can easily fill hydraulic oil and diesel here.



ZE18GU	
DIMENSIONS (mm)	
Overall length A	3545
Overall width B	990/1240
Total height C	2385
Track gauge D	760/1010
Length of track on ground E	1230
Tail swing radius F	620
Counterweight ground clearance G	450
Minimum ground clearance H	150
PERFORMANCE PARAMETERS	
Operating weight kg	1800
Standard bucket capacity (Range) m ³	0.04
Rated power kW/rpm	11.8/2300
Traveling speed (high/low) km/h	2.2/3.8
Swing speed rpm	10
WORK RANGE (mm)	
Max. digging reach A'	3910
Max. digging at ground level B'	3845
Maximum digging depth C'	2316
Max. digging depth D'	1910
Max. digging height E'	3542
Min. swing radius of the front F'	1538



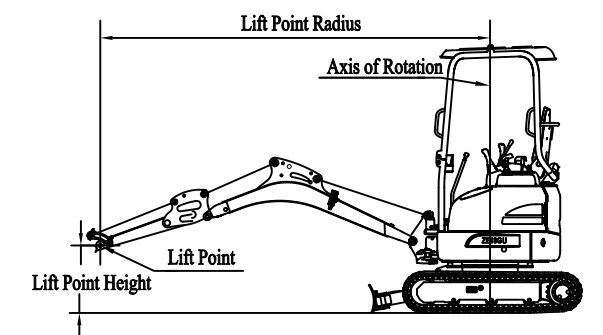
ZE18GU	
HYDRAULIC SYSTEM	
Main pump	Maximum discharge: 62.5L/min
Working oil circuit	24.8 MPa
Swing oil circuit	16.2 MPa
Traveling oil circuit	20.6 MPa
Pilot oil circuit	3.5 MPa
BASIC TECHNICAL DATA	
Digging force of bucket (ISO)	17kN
Digging force of arm (ISO)	10kN
Max. drawbar pull	13.5kN
Boom length	1830mm
Arm length	950mm
AMOUNT OF FILLING FOR MAINTENANCE	
Fuel tank capacity	20L
Engine coolant	2.6 L
Engine oil	3.7L
Traveling device (each side)	0.33L
Hydraulic system	25L
Hydraulic tank	18L

LOAD CAPACITY

LIFT POINT HEIGHT	Lift Point Radius (1.5m)		Lift Point Radius (2m)		Lift Point Radius (MAX)	
	over-front (kg)	over-side (kg)	over-front (kg)	over-side (kg)	over-front (kg)	over-side (kg)
2.0m			280*	280		
1.5m	450*	450	400*	320	320*	180
1.0m			550*	310	320*	170
0m			580*	290	320*	170
-0.5m	700*	430	500*	280		
-1.5m	460*	440	310*	280		

Notes:

1. Load with * is limited by hydraulic capacity and based on ISO10567. Rated loads do not exceed 87% of the hydraulic capacity.
2. Load without * is limited by tipping load and based on ISO10567. Rated loads do not exceed 75% of the tipping capacity.
3. The excavator bucket, hook, sling and other lifting accessories are not included in this table.



SYSTEM	CONFIGURATION ITEM	ZE18GU	
Machine		Standard configuration	
Configuration		Optional parts	
Power system	Engine	● Kubota	
	Emissions from engine		Euro 5/T4F
	Power kW/rpm		11.8/2300
	Stage of diesel filter		3
Hydraulic system	Air filter	●	
	Main pump	●	
	Main valve	●	
	Boom explosion-proof valve		○
	Arm explosion-proof valve		○
	Breaker pipeline (one/two-way switchable)	●	
	Attachment pipeline		○
Cab	Quick coupler pipeline		○
	Flow regulation of attachment pipeline	●	
	Canopy	●	
	FOPS	●	
	ROPS	●	
	Fire extinguisher		○
	Ordinary joystick	●	
Lower structure	Multifunctional joystick		○
	Two-bar steel crawler		○
	Rubber crawler track	●	
	Rubber track block		○230mm
	230mm crawler track	●	
	Carrier roller, single side		Single carrier roller
	Track roller, single side	●3	
	Lower rail clamp, single side		Single guard rail
	Track gauge		760mm/1010mm
	Tread (wheel type)		1230mm
Work equipment	Bulldozer blade	●	
	Standard boom length	●1830mm	
	Standard arm length	●950mm	
	Arm for thumb clamp		○950mm
Bucket	Standard configuration	●0.04m ³ reinforced	
	Optional part 1		300mm wide bucket
	Optional part 2		900mm wide flat bucket
Electrical	Audible and visual alarm	●	
	Emergency stop switch	●	
	12V power port	●	
	Boom working light	●1	
Attachments	GPS	●	
	Recommended breaker drill rod diameter 1		45mm
	Straight breaker		○
	Hydraulic quick coupler		○
	Ripper		○
	Grating bucket		×
	Tilt soil bucket		○
	Auger (with 300mm drill bit)		○
	Auger extension rod		○600mm
	Auger bit 450mm		○
Others	Thumb clamp		○
	Auxiliary counterweight		○
	Cab rearview mirror		○1

● STANDARD ○ OPTIONAL



Ripper



Hydraulic quick coupler



Tilt bucket



Breaker



Hydraulic auger



Tilt quick coupler



Wide bucket



Narrow bucket