

More flexible and durable



OKW18



More Flexible , More Durable

It has powerful digging capabilities and more flexible operational performance, which can rival high-end excavators. The OKW18 can more easily complete complex tasks ranging from large construction sites to small working environments.



Agriculture



Demolish



Forestry



Engineering



Landscaping



Pipeline



Construction site



Standard: ■ Laidong 385 engine ■ Single-speed hidden travel motor ■ Hydraulic dozer valve

Optional: ■ Kubota D722 engine ■ Two-speed travel motor ■ Expandable undercarriage
■ Cabin ■ Air conditioning

Okw18 Pass Demonstration



True Tailless

The overall appearance adopts a tailless design, which is flexible and versatile. It can easily operate in narrow spaces such as urban streets and basements, improving construction safety.

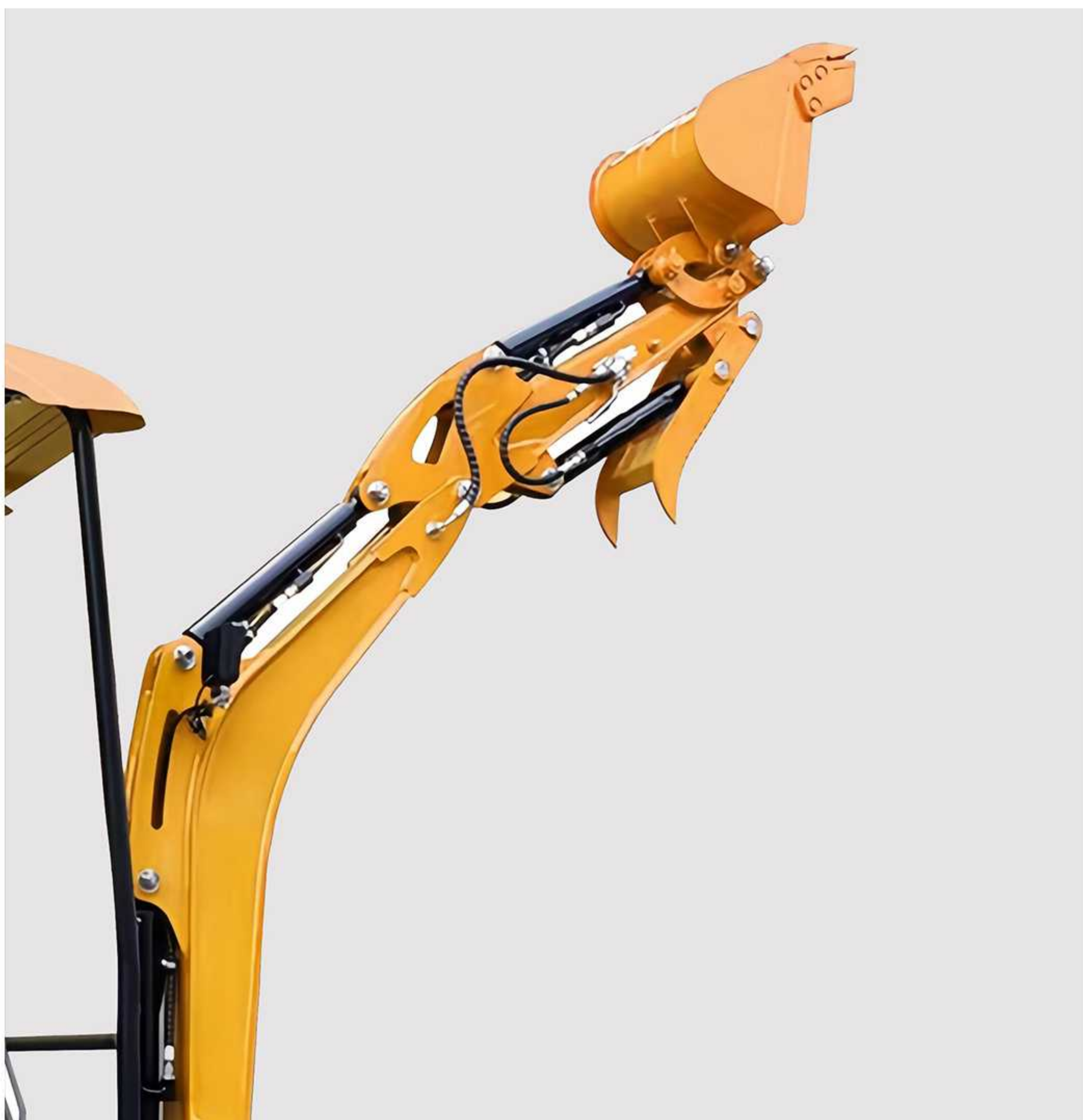
Swing Arm Function



Boom swing up to 50° enables parallel operation along walls in narrow spaces, adapting to complex conditions; upgraded boom damping hydraulic system absorbs high-pressure impact at the end of stroke, reduces system load, protects key components,

SUPERIOR PERFORMANCE

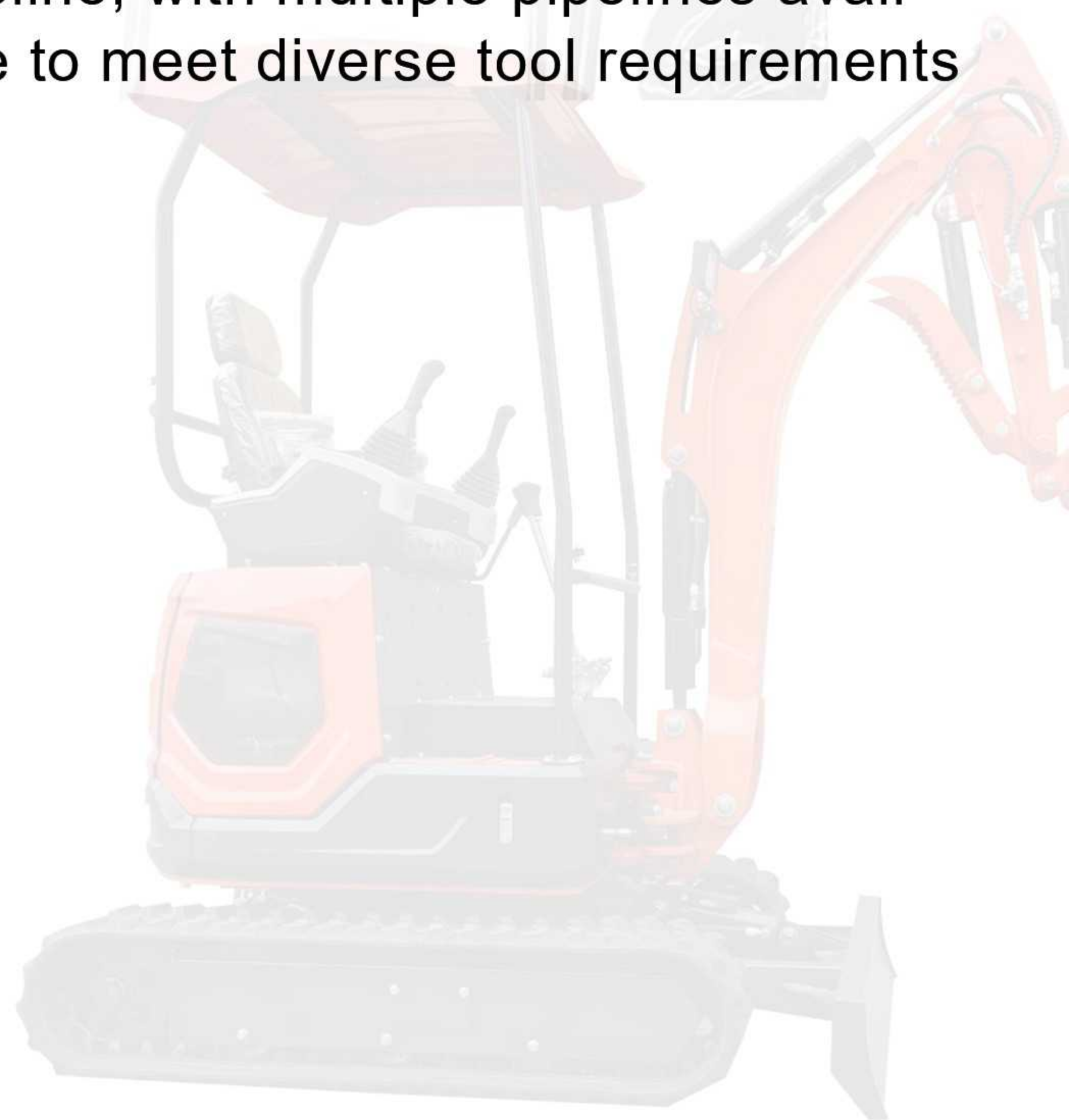
AE Simulation System Analysis: Boom Life Increased By 30%, And Excavation Force Reached 16 kn



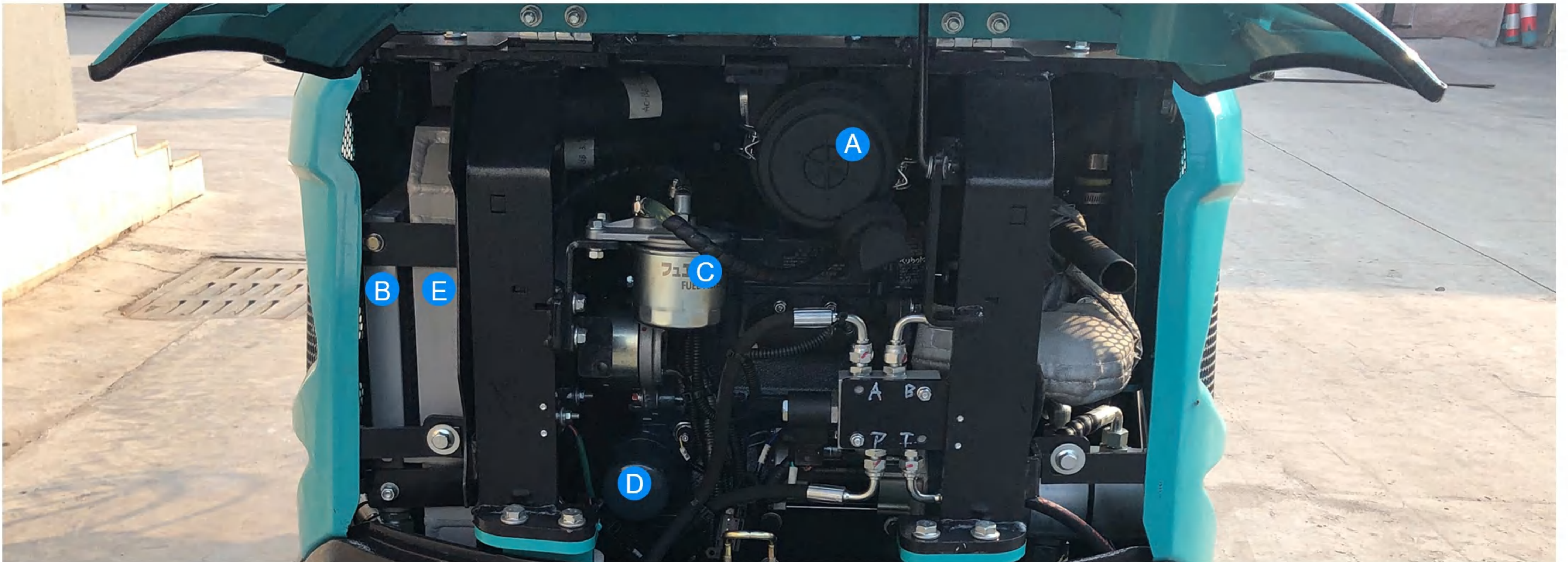
The key hydraulic components adopt the latest technological achievements, with a response speed increase of 8%, and a walking motor increase of 5%. The hydraulic control is precise, which can maintain strong excavation ability and excellent work efficiency.

Multiple Sets Of Pipeline Selection

Equipped with standby hydraulic pipelines, it can achieve rapid replacement and further expand the adaptability to working conditions. Standard crushing pipeline, with multiple pipelines available to meet diverse tool requirements



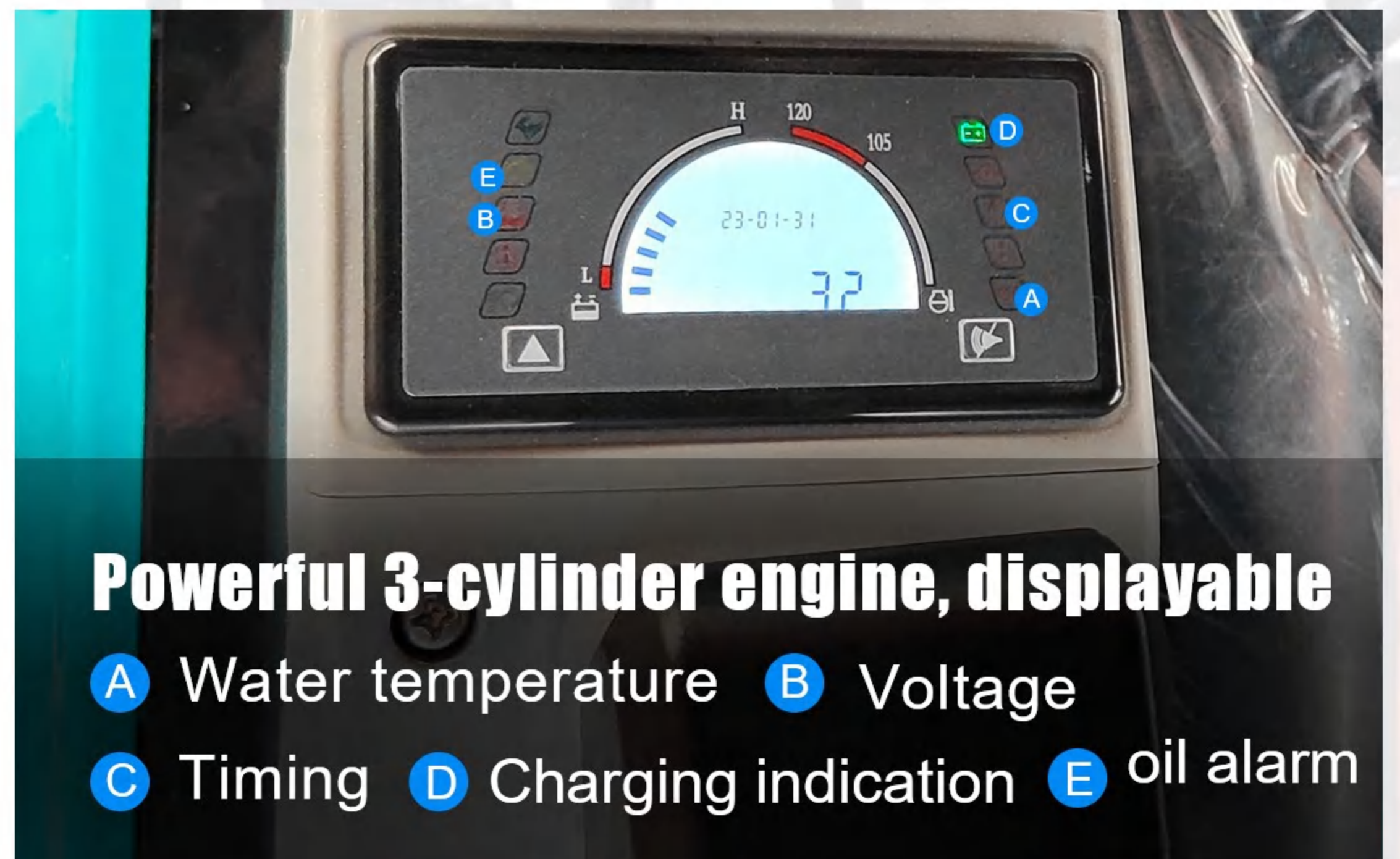
COMFORTABLE AND EASY TO MAINTAIN



- A. Air filter B. Hydraulic Oil Cooler C. Fuel filter D. Oil filters
E. Radiator

Easy To Access, Easy To Service

In maintenance mode, the inspection and maintenance of the air filter and oil-water separator are easily accessible; checking and topping up the coolant is very convenient.



Powerful 3-cylinder engine, displayable

- A Water temperature B Voltage
C Timing D Charging indication E oil alarm

Comfortable Driving Experience



ENHANCED PERFORMANCE & CONTROL

Precision Travel Control

Hydraulic dozer valve with joystick control features a shorter control stroke, increased legroom, and smoother, more precise output; supports fine adjustment for more stable and safer uphill and downhill travel.



Ergonomic Joystick Design

New ergonomic joystick provides enhanced grip comfort, featuring a support base design for anti-slip and reduced operator fatigue; optimized button layout with waterproof silicone material ensures clearer and more convenient operation.



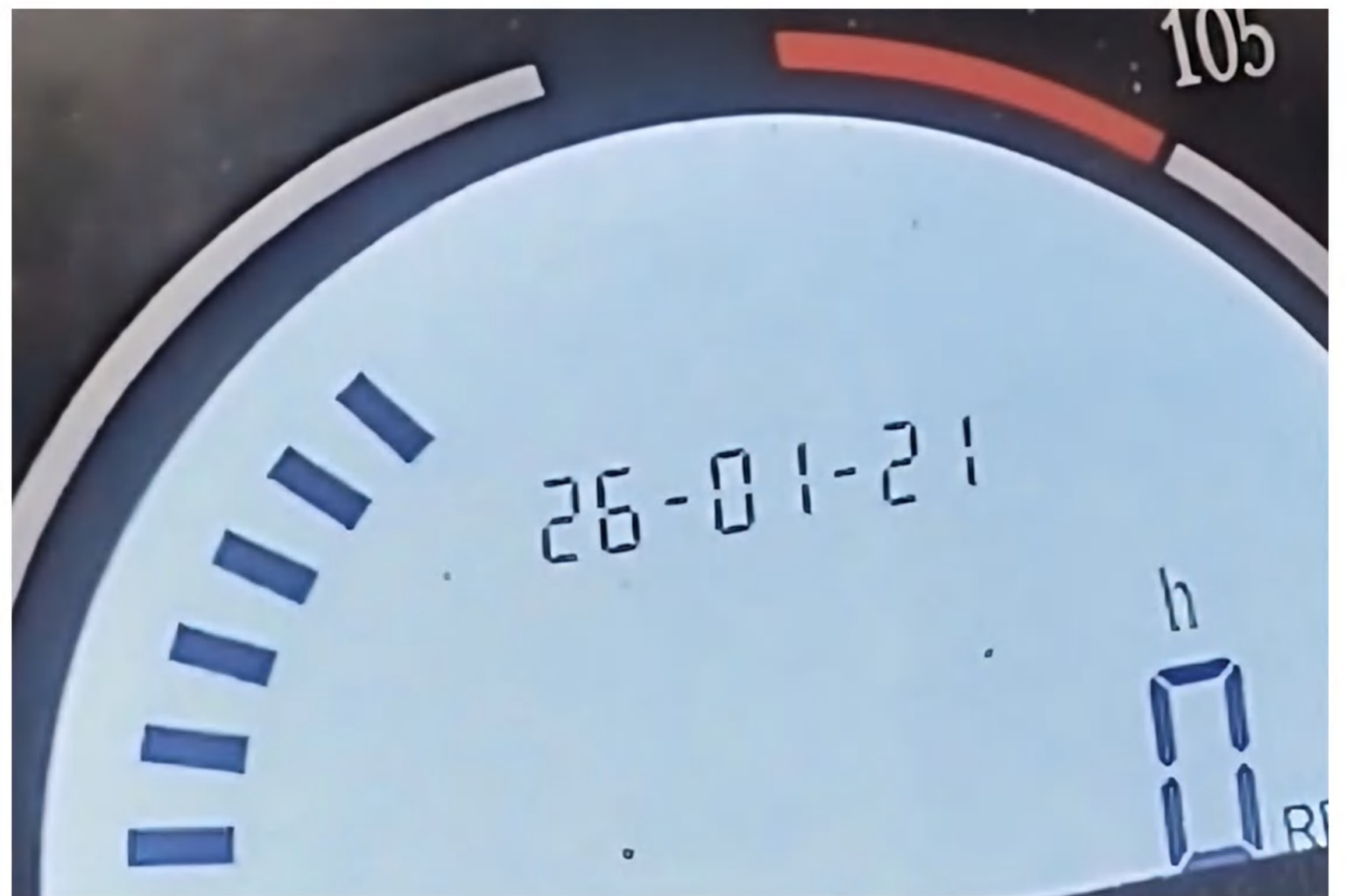
Enhanced Travel System

Single-speed hidden travel motor delivers 30% higher torque and 3–5× longer service life; integrated structure provides enhanced protection for reliable performance in complex and harsh working conditions.



Smooth Power Control

All models are equipped with a stepless throttle, enabling smooth speed control across the full range with more linear response; combined with an electronic shutdown system for more convenient operation and improved fuel efficiency.

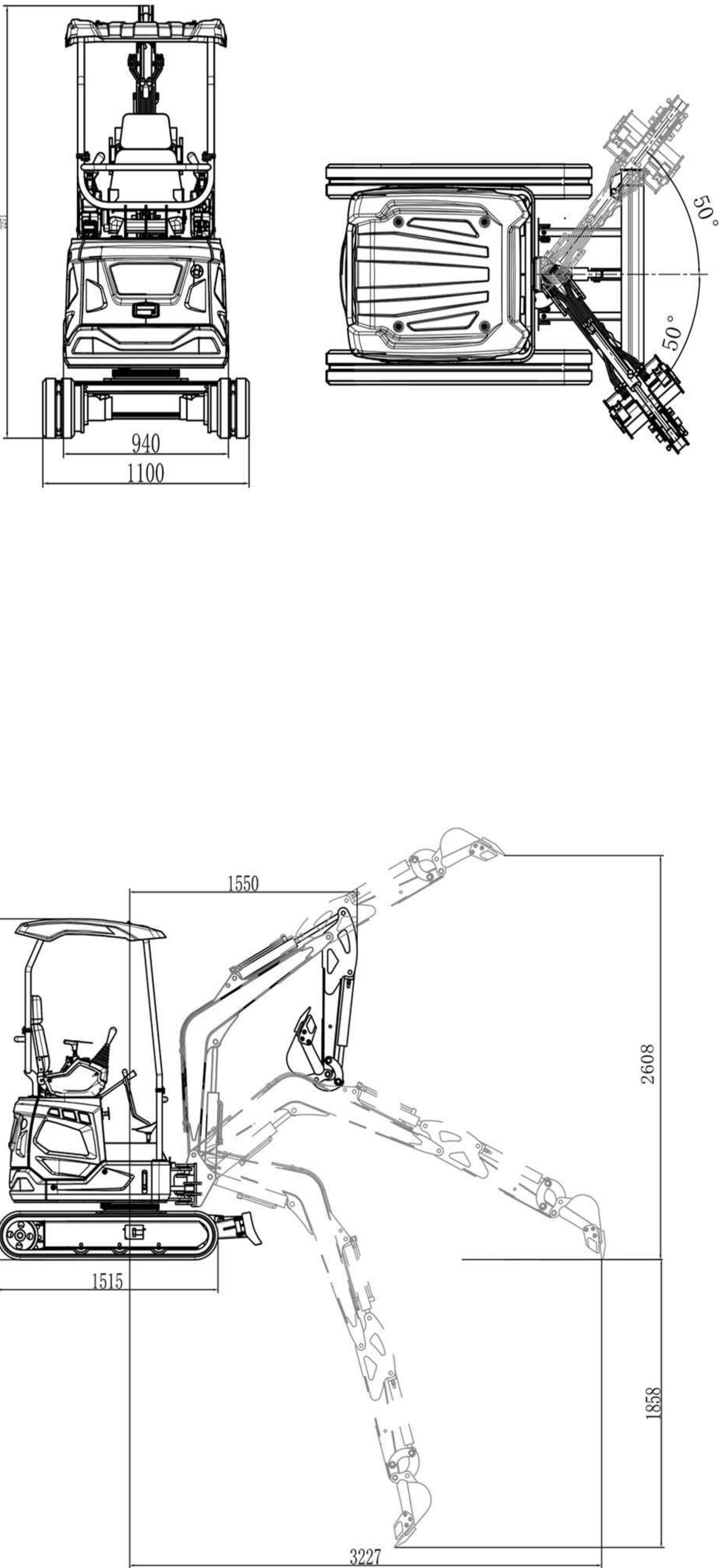


Fuel Status Monitoring

Digital fuel level display allows real-time monitoring from the cab; effectively prevents fuel starvation shutdowns and secondary air bleeding, improving working efficiency and overall machine reliability.

Specifications

Model		OKW-18
Engine	type	kubota D722/902 LAIDONG385
	power rating(kw)	10.2/11.8
Appearance	Overall bandwidth(mm)	1100
	Total height (to the ceiling)(mm)	2200
	Overall length(mm)	4200
	Machine size (width and height)(mm)	1100×1800
	Standard shovel bucket width(mm)	400
	Dig bucket capacity (cbm)	0.04
	Arm swing angle (left and right) (°)	50×50
	Track grounding length(mm)	1520
Hydraulic pressure system	Climbing capacity (°)	40
	Maximum mining depth(mm)	1900
	Maximum excavation distance(mm)	3300
	Maximum excavation height (mm)	2610
	least radius of gyration (mm)	1550
Working pressure	Hydraulic flow (L/Min)	22
	(MPa)	20
Speed of walking	(km/h)	3.0



Jining Nicosail Machinery Co., Ltd.

Website: <http://www.nicosail.com/> Email: Bob<admin@nicosail.com> Address: Jining Nicosail Machinery Co., Ltd.
cn,Room 2004, Block C, Haineng International, Jinyu Road, Jining City, Shandong Province