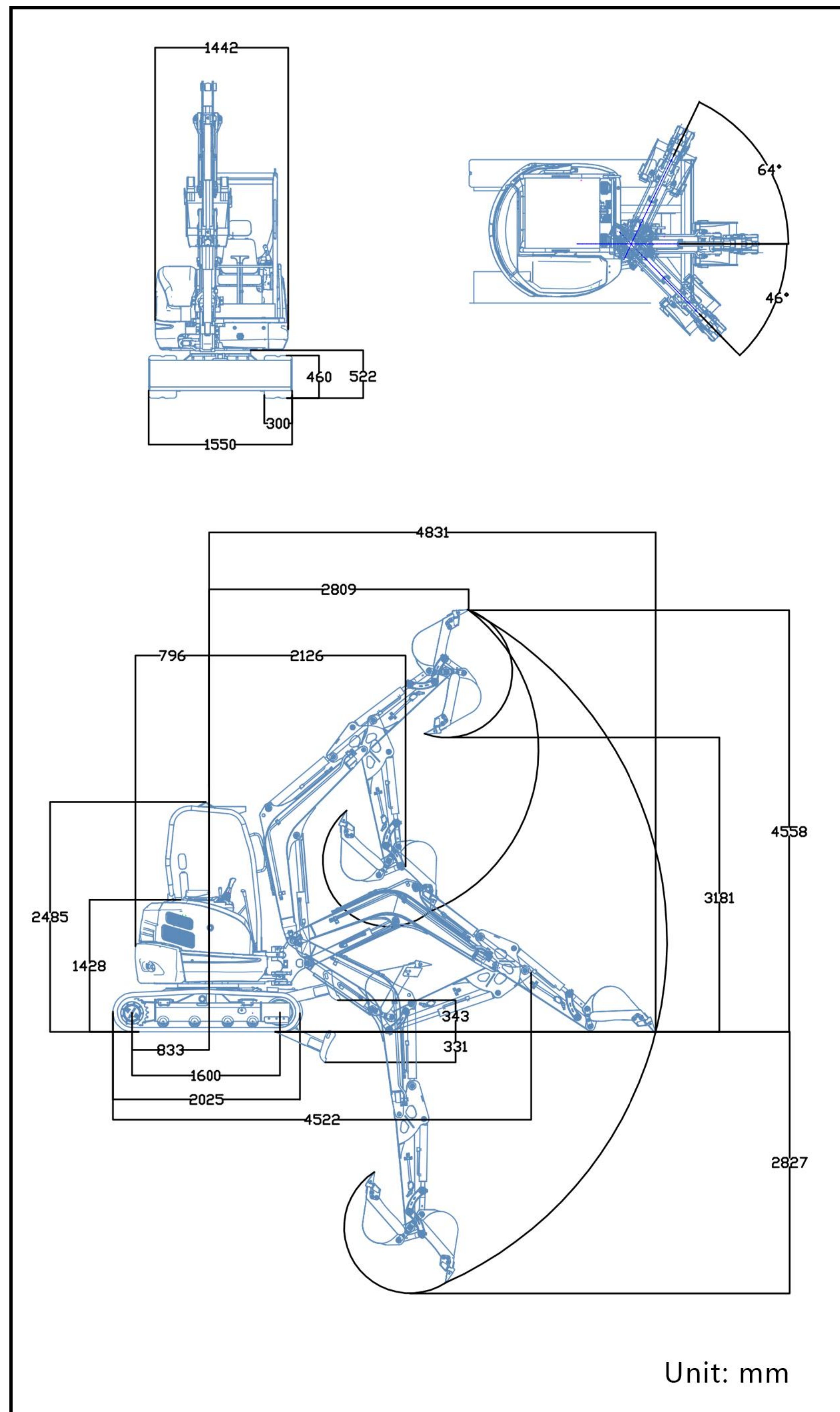


■ Schematic diagram of work area



■ Specification

Basic performance parameters	Machine working weight (kg)	3550
	Bucket capacity (m ³):	0.11
	Walking speed low/high speed(Km/h):	0-3.3
	Gradeability(%):	30
	Ground specific pressure (Kpa):	32
	Bucket maximum digging force (Kg):	2754
	Maximum digging force of stick (Kg):	1833
	Maximum digging radius (mm):	4830
	Maximum digging depth (mm):	2830
	Maximum unloading height(mm):	3180
Body	Shipping length(mm):	4522
	Shipping Width(mm):	1550
	Transport height(mm):	2485
	Counterweight ground clearance (mm):	525
	Bucket width(mm):	400
	Boom Length(mm):	2220
	Stick Length(mm):	1620
Engine	Bulldozer blade width (mm):	1550
	Engine brand:	Kubota Power
	engine model:	Kubota V1505
	Maximum horsepower (ps):	25
	Maximum power (Kw):	18.2
	Maximum speed(rpm):	2300
	Displacement:	1.5
	Number of cylinders:	4
	cooling method:	water cooling
	Engine oil replacement volume (L):	4
Fuel form:	diesel fuel	
Fuel label:	No. 0/-10	
Theoretical fuel consumption (L/h):	1.5-1.8	



MINI EXCAVATOR NDI355



Hydraulic system			
Maximum flow of main pump (L/min):	99	Maximum set pressure (Mpa):	30
Multi-way valve:	9-way hydraulic control multi-way valve	Walking hydraulic motor type:	LTM03AX
Multi-way valve brand:	Taifeng hydraulic	Walking motor brand:	Li Kechuan
Rated set pressure (Mpa):	20	Motor Displacement:	15.4/23.2

- Please read the instruction manual carefully and use it correctly.
 - Be sure to fasten your seat belt during operation. ※Except for soft top specification
 - When driving construction machinery with a body weight of less than 3t, please receive "special education on driving construction machinery for vehicles" in advance, and be sure to participate in "skills training for driving construction machinery for vehicles" if it is more than 3t.
- NDI355 According to the conditions of the Occupational Safety and Health Act, the body mass may reach 4000kg
- In order to prevent breakdowns and accidents, be sure to check the machine regularly.

IMPROVE BASIC PERFORMANCE AND ENRICH OPTIONS

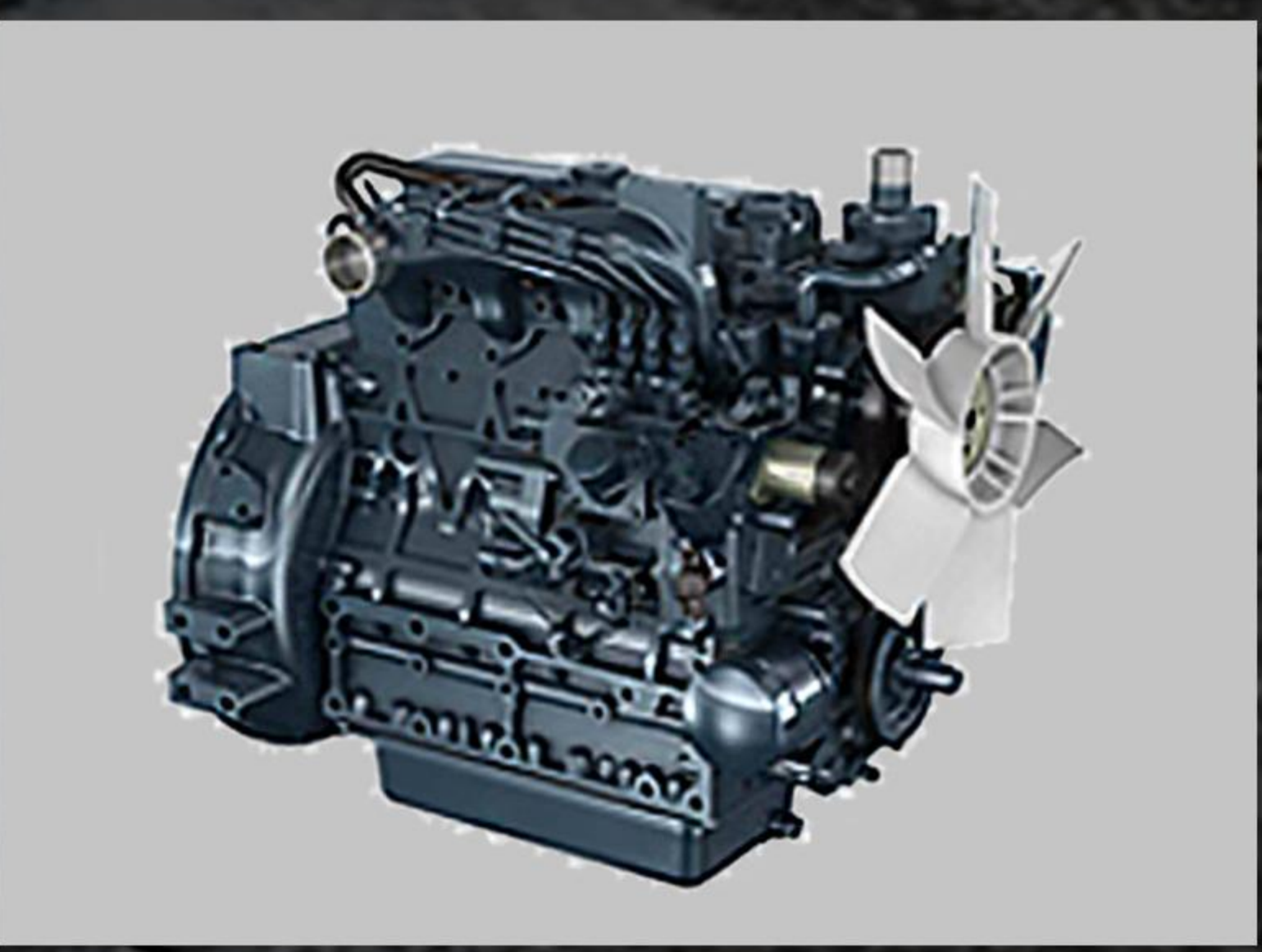
With excellent completion and overwhelming trust, the Kubota Mini Escalation NDI355, which is proud of, has improved its basic performance. Many new options have been prepared, which can better meet the needs of the site than before.



MINISTRY OF LAND, INFRASTRUCTURE, TRANSPORT AND TOURISM EMISSION CONTROL TYPE

CLEARs THE 3RD STANDARD VALUE FOR CONSTRUCTION MACHINERY

Powerful performance in a compact design. The excellent performance brought by the extra torque greatly contributes to the improvement of workability. At the same time, low fuel consumption, low vibration, low noise, and consideration for the environment have been achieved at a high level.



PERFORMANCE

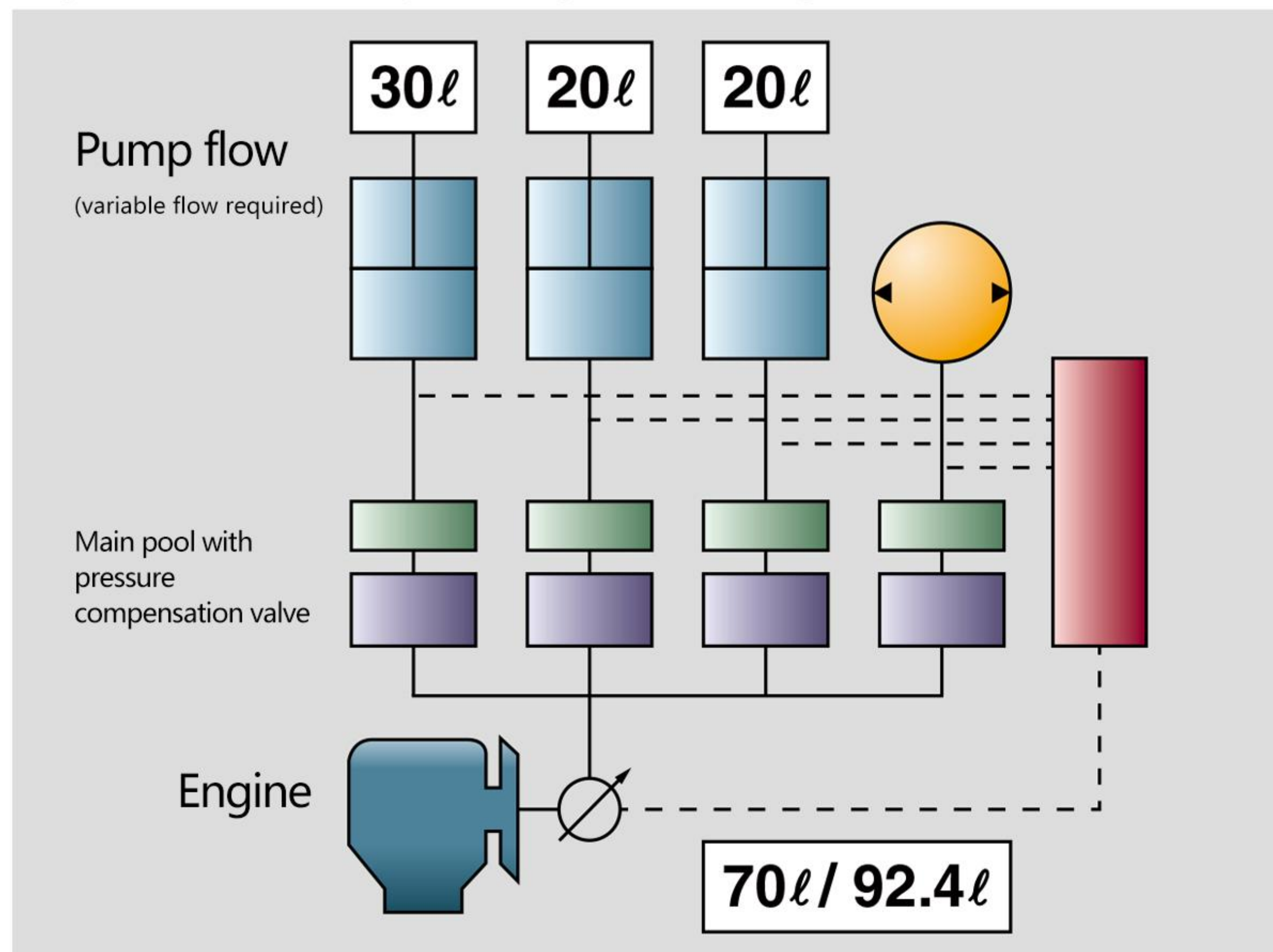
High performance in pursuit of basic performance

Use load sensing system

The system always controls the pump discharge flow by feeding back the "pump discharge pressure" and "actuator load pressure" to the LS regulator mounted on the hydraulic pump, and only supplies the necessary flow to the control valve.



- Smooth operation through lever operation and ejection adjustment corresponding to working load.



- Within the maximum discharge of 92.4L, the necessary flow of the operating machine is 70L, and 70L is discharged from the pump, so there is no waste.

Fuel cost

About 5% up



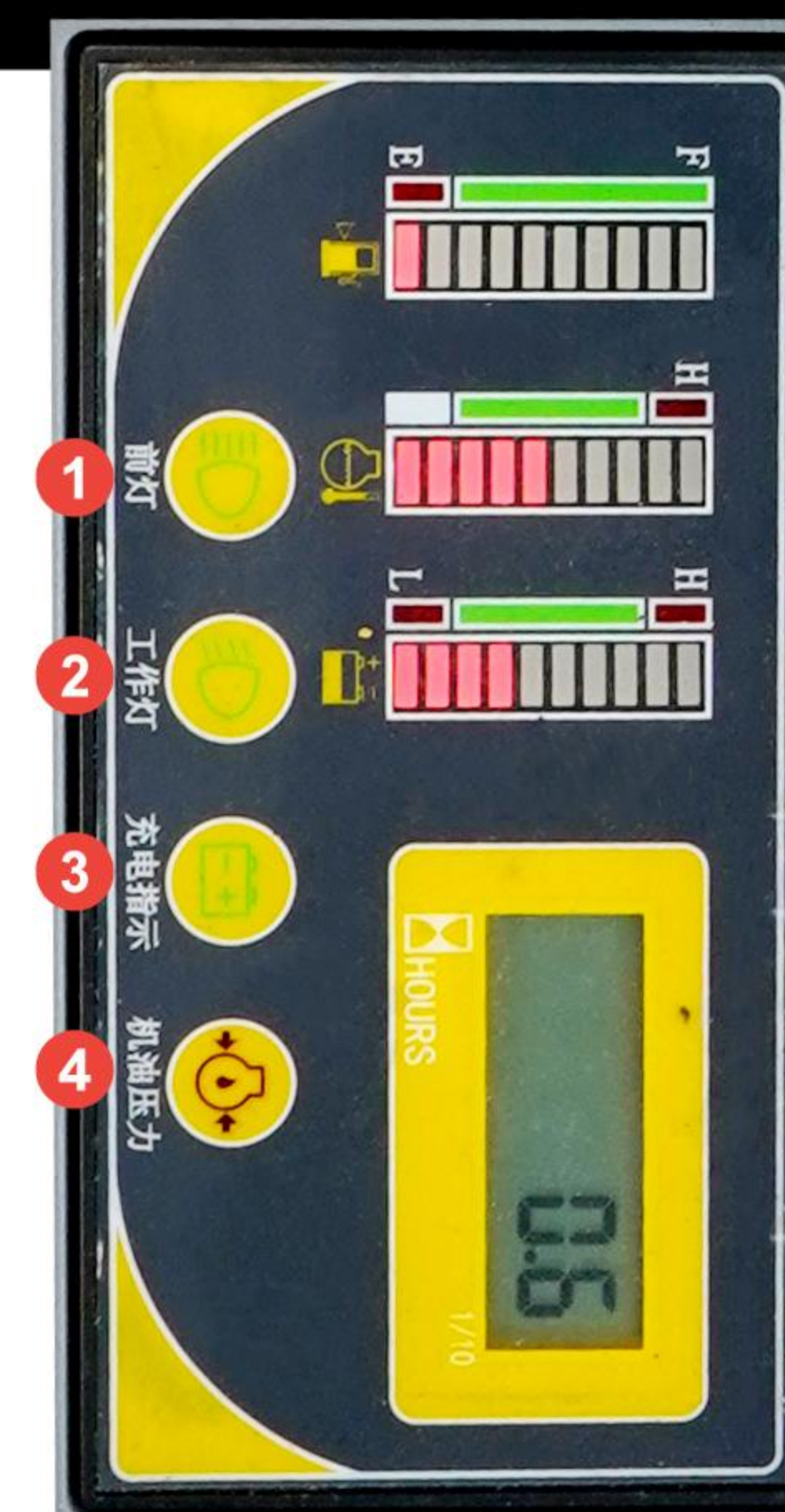
The hose is clean around

Restrain the looseness of boom cylinder hose to prevent damage.

DIGITAL METER

Console-integrated digital gauges feature large screens and simple displays for easy viewing. Necessary information can be displayed with simple operations.

- 1 headlight
- 2 working lamp
- 3 charging indicator
- 4 hydraulics pressure



HAMMER STOP VALVE

When the breaker is installed, it can effectively prevent oil leakage from the broken oil pipe



COMFORT/SAFETY

High-dimensional and smart fusion of safety, comfort, and simple operation.

2-post ROPS/OPG · 4-post ROPS/OPG

Canopy, cab + seat belt

Pursuing operator safety, TOPS/ROPS/OPG (top guard level I) compliant canopy and cab (with seat belt) are available to further pursue safety. Realized a safety structure that protects the operator in the unlikely event of a fall. The boarding and alighting space is designed to be spacious, making it easy to get on and off. It also guards against unexpected falling objects on site.

*TOPS: Tip-Over Protective Structures

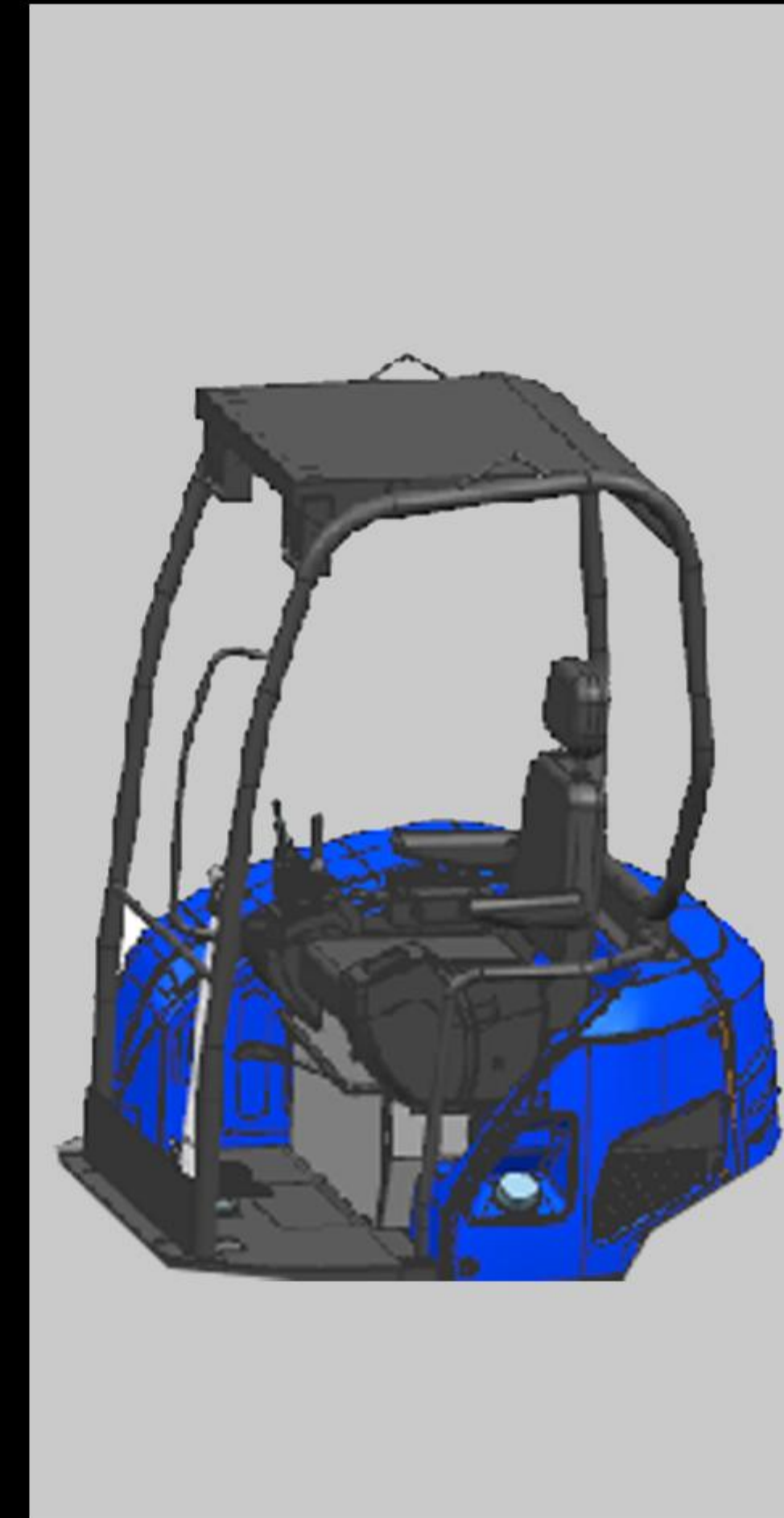
A structure that protects the driver wearing the seat belt in the event of a rollover. Conforms to ISO 12117 (JIS A8921) test conditions for mini excavator overturn protection structure.

*OPG (Top Guard): Operator Protective Guards (top guard)

Structure to protect the driver from falling objects. Conforms to ISO 10262 (JIS A8922) Top Guard Level I test conditions.

*ROPS: Roll-Over Protective Structures

A structure that protects a driver wearing a seatbelt in the event of a fall. Conforms to the test conditions of ISO 3471 (JIS A8910) earth-moving machinery - overturn protection structure.



Automatic deceleration function

Equipped as standard with an automatic driving deceleration function that automatically shifts down to 1st gear to increase driving power when a load is applied while driving in 2nd gear. Manually changing the travel speed is done with a button on the dozer lever.

Easy-to-operate dial type accelerator

Engine speed can be increased or decreased simply by turning the dial. You can easily make fine adjustments.

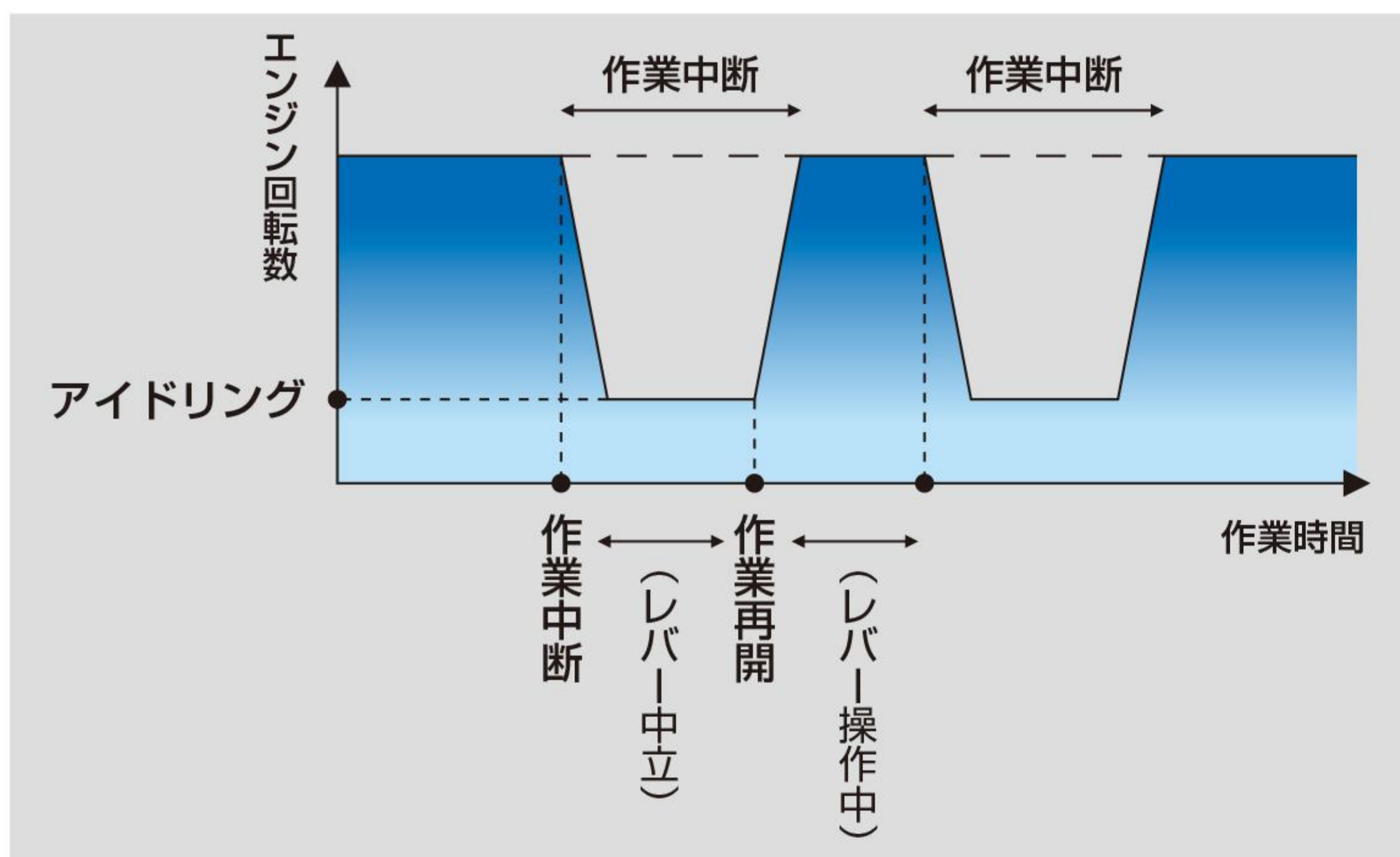
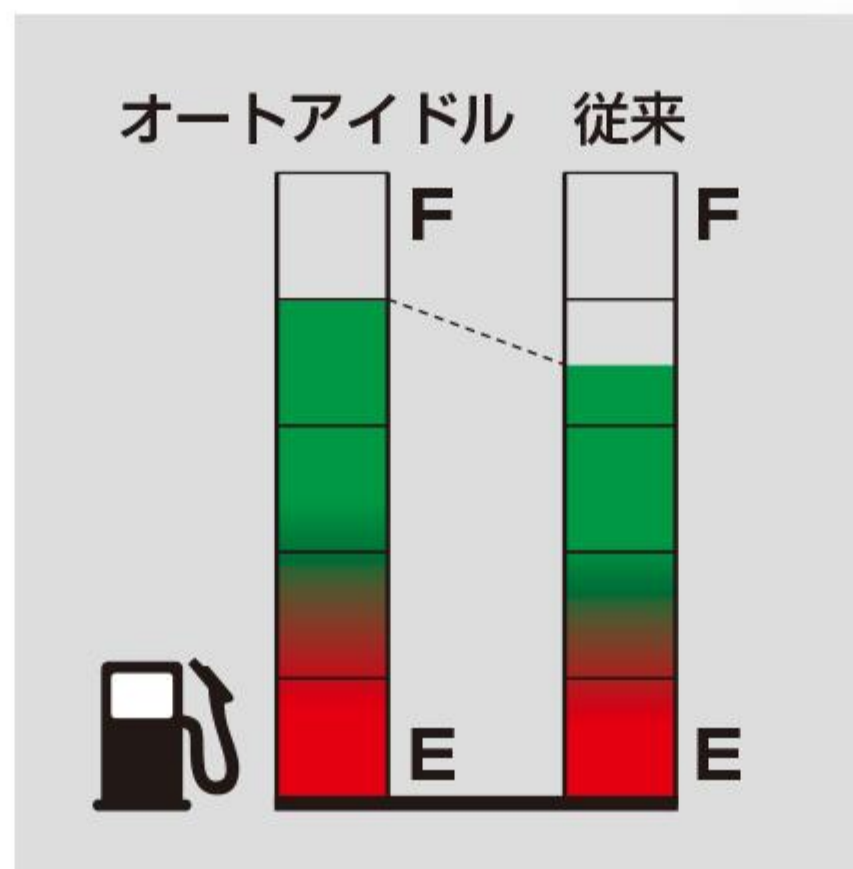


Auto idle switch



AUTO IDLE

When the control lever is returned to neutral, the engine will be in an idling state after 4 seconds, and when the control lever is moved again, the engine speed will immediately rise to the original speed. As a result, fuel can be saved by about 10%, and noise can be reduced, so work in urban areas and at night can be performed with peace of mind.



Numerous safe specifications to prevent damage and trouble

Safety lock

- Waterproof connector with cover
A waterproof connector harness with a cover that exhibits a high level of waterproof performance prevents troubles in the electrical system.
- Front hose interior
The internal type prevents damage to the hose during work.
- Front hose cover
Prevents the operator from being exposed to pressurized oil in the event of a hose burst.
- Glass fiber filter
A high-precision glass fiber filter is used for the hydraulic oil filter. It has excellent dust trapping performance and is safe with little deformation and damage.

- X frame + Katayama type track frame adopted
The crawler is good at removing mud, making it easy to remove soil and wash the car.
- Divided dozer hose
By splitting the hose in the middle, maintenance and replacement of the hose can be easily performed even in the event of unexpected damage.
- Auto glow
It automatically senses the water temperature and makes it possible to start the engine with the optimum and shortest glow time.

MAINTENANCE

Reassuring design that provides excellent maintainability and durability

Full open bonnet

The rear and right side bonnets can be opened wide without tools, allowing quick daily inspection and maintenance of the engine and fuel system. In addition, the inspection and maintenance points for the hydraulic system are centrally located on the right side of the aircraft, dramatically improving work efficiency.



- 1 Air core
- 2 Oil water separator
- 3 Electric fan
- 4 Liquid oil box

• Cab specification with air conditioning as standard equipment

A comfortable work space and spacious boarding and alighting space.



Comfortable work space

Spacious boarding and alighting space with large doors make it easy to get on and off.

It became smoother and the visibility of the foot during operation expanded. A bright and comfortable space contributes to reducing operator stress.

Air conditioner



The cab specification is equipped with an air conditioner as standard, providing a comfortable working environment at all times, even during the midsummer and extreme cold seasons.

Cab specifications

LED light



OPTION

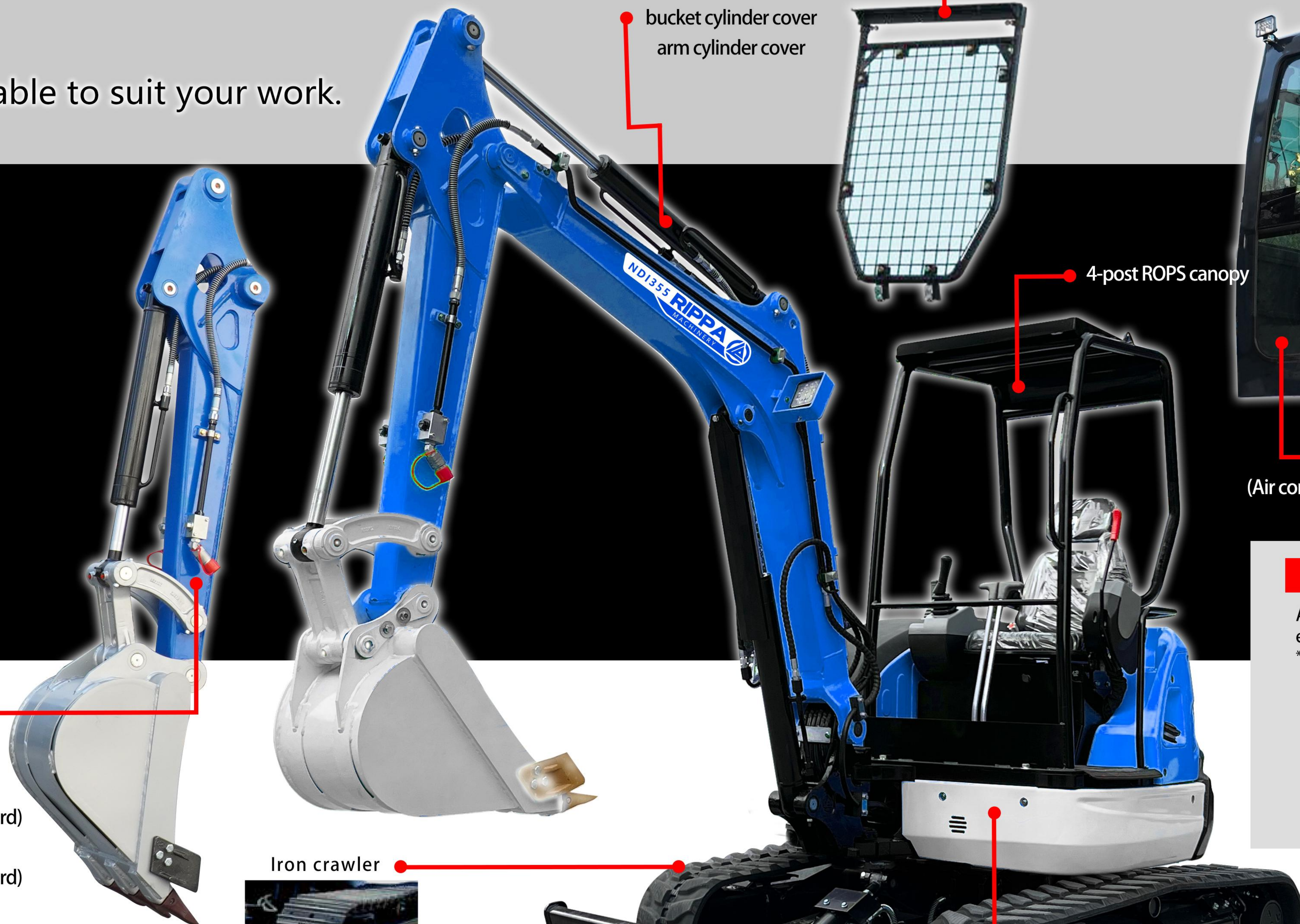
A variety of options are available to suit your work.

Soft canopy specification (NDI355)

- Mechanical mass: 2,990kg
- Dedicated weight
- ISO pattern



NDI355 long arm specification
 Arm length: 1,325 mm (two-sided reinforcement standard)
 NDI355 long arm specification
 Arm length: 1,525 mm (two-sided reinforcement standard)
 *Long arm is reinforced on two sides only.



NDI355 receipt

A narrow leg width of 1,550 mm is effective in narrow access roads.
 *Not compatible with crane specifications

Crawler width 1,550 mm
 Standard type 1,700 mm

Tilt angle blade specification



Tilt (blade up and down)



Angle (before and after blade)

Ground board

A blade that facilitates backfilling and leveling of earth and sand is standard equipment.



Attachment

- Hydraulic breaker
- Hydraulic fork
- Large splitting machine
- Smaller machine

Super change (standard equipment)

4 pattern multi (optional)

You can switch the operation pattern to another company's method.



Bolt-on cutting edge