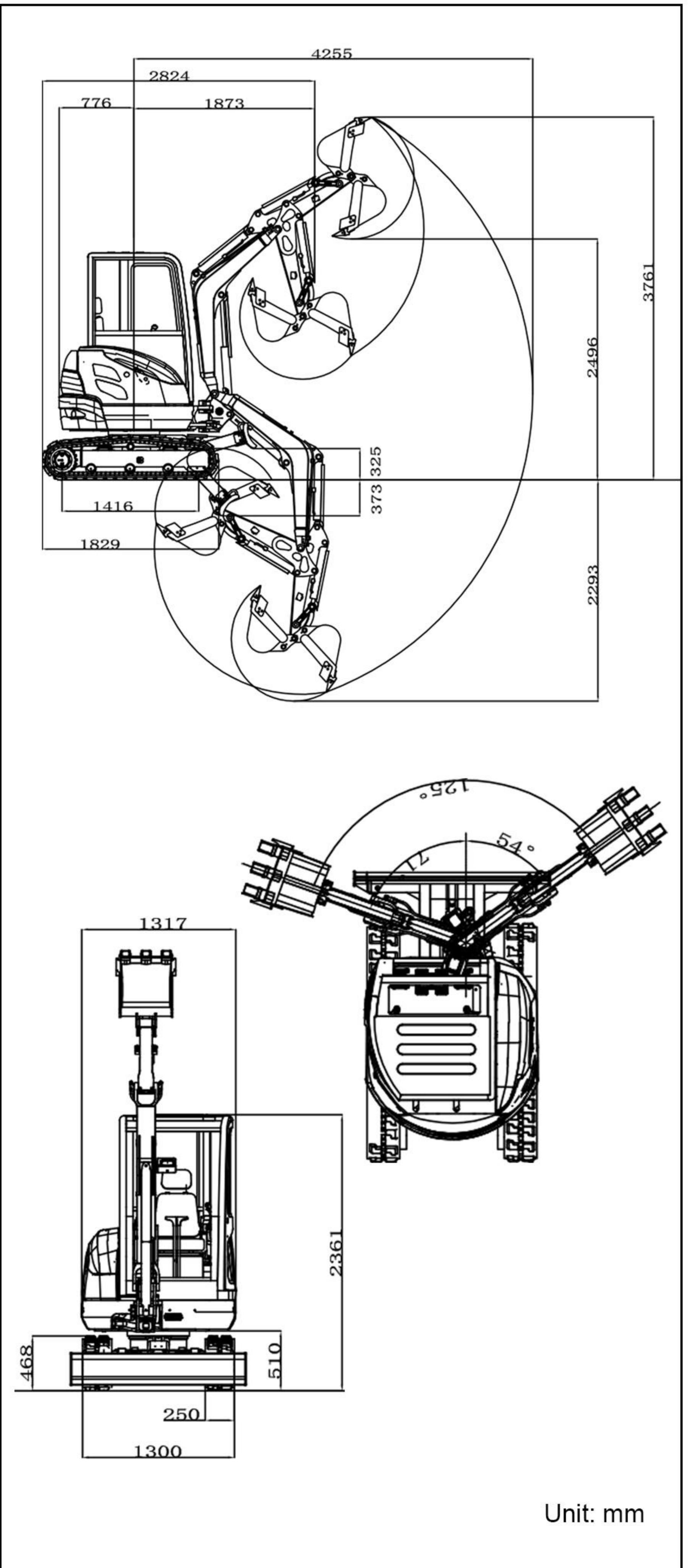


■ SCOPE OF WORK



■ SPECIFICATION

	Model	R22PRO
Basic parameters	Machine working weight	5366lb
	Bucket capacity	1.9ft ³
	Travel speed low/high speed	0-0.93/0-1.74mph
	Gradeability	30%
	Ground pressure	4.8psi
	Maximum digging force	4136lbf
	Maximum digging radius	167.5in
	Maximum digging depth	90.3in
	Maximum digging height	148.1in
	Maximum unloading height	98.3in
	Maximum deflection angle	125°
	Track extension range	51.2-59.1in
Engine	Engine brand	Kubota
	Engine model	D1105
	Maximum horsepower	24.4hp
	Maximum power	18.2Kw
	Maximum speed	3000rpm
	Displacement	0.3gal
	Number of cylinders	3
	Cooling method	Water-cooled
	Engine oil change amount	1.1gal
	Fuel form	Diesel
Body	Fuel grade	0/-10
	Theoretical fuel consumption	1.3-1.5L/h
	Transport length	111.2in
	Transport width	51.2in
	Transport height	93in
	Counterweight ground clearance	20.1in
	Bucket width (mm)	17.7in

■ HYDRAULIC SYSTEM

Main pump type/model	Load sensitive variable piston pump/28	Maximum set pressure (Mpa)	20MPa
Main pump brand	Taifeng	Travel hydraulic motor type	LTM03CDK
Main pump maximum flow (L/min)	67.2	Travel motor brand	Likechuan
Multi-way valve	9-way hydraulic multi-way valve	Motor displacement	11-20ml/r
Multi-way valve brand	Taifeng	Slewing hydraulic motor type	Likechuan
Rated set pressure (Mpa)	18MPa	Displacement	15.1ml/r

- Please read the instruction manual carefully and use the machine correctly.
- Always wear a seat belt when working. (ROPS specifications only)
- If you are operating construction machinery with a machine mass of less than 3 tons, you must take the "Special Training for Vehicle-Mounted Construction Machinery Operation" course beforehand. If the machine mass is 3 tons or more, you must take the "Vehicle-Mounted Construction Machinery Operation Skills Course".
- To prevent breakdowns and accidents, be sure to inspect the machinery regularly.
- Specific voluntary inspections are required to be carried out by an inspection company registered with the Minister of Health, Labor and Welfare or the Director-General of the Labor Standards Inspection Bureau.



Further improve work efficiency

The R22 PRO, which prides itself on its excellent finish and overwhelming trust, has unveiled its long-awaited crane specifications. While improving work efficiency, it also has environmentally friendly properties such as low fuel efficiency, low vibration, and low noise. The pursuit of driver-centered safety and the use of advanced digital instruments for operability all add to the mature flavor.

NEW MODEL DEBUTS R22PRO



Comply with European exhaust gas fifth emission standard

Comply with U.S. EPA exhaust emission standards

The machine is equipped with an environmentally friendly engine. It meets Euro V and EPA emission standards, is fuel-efficient, low-noise, and can achieve high power output. Durability, safety and comfort are comprehensively upgraded. Compact design delivers powerful performance. The excellent performance brought by the abundant torque greatly contributes to the improvement of workability.



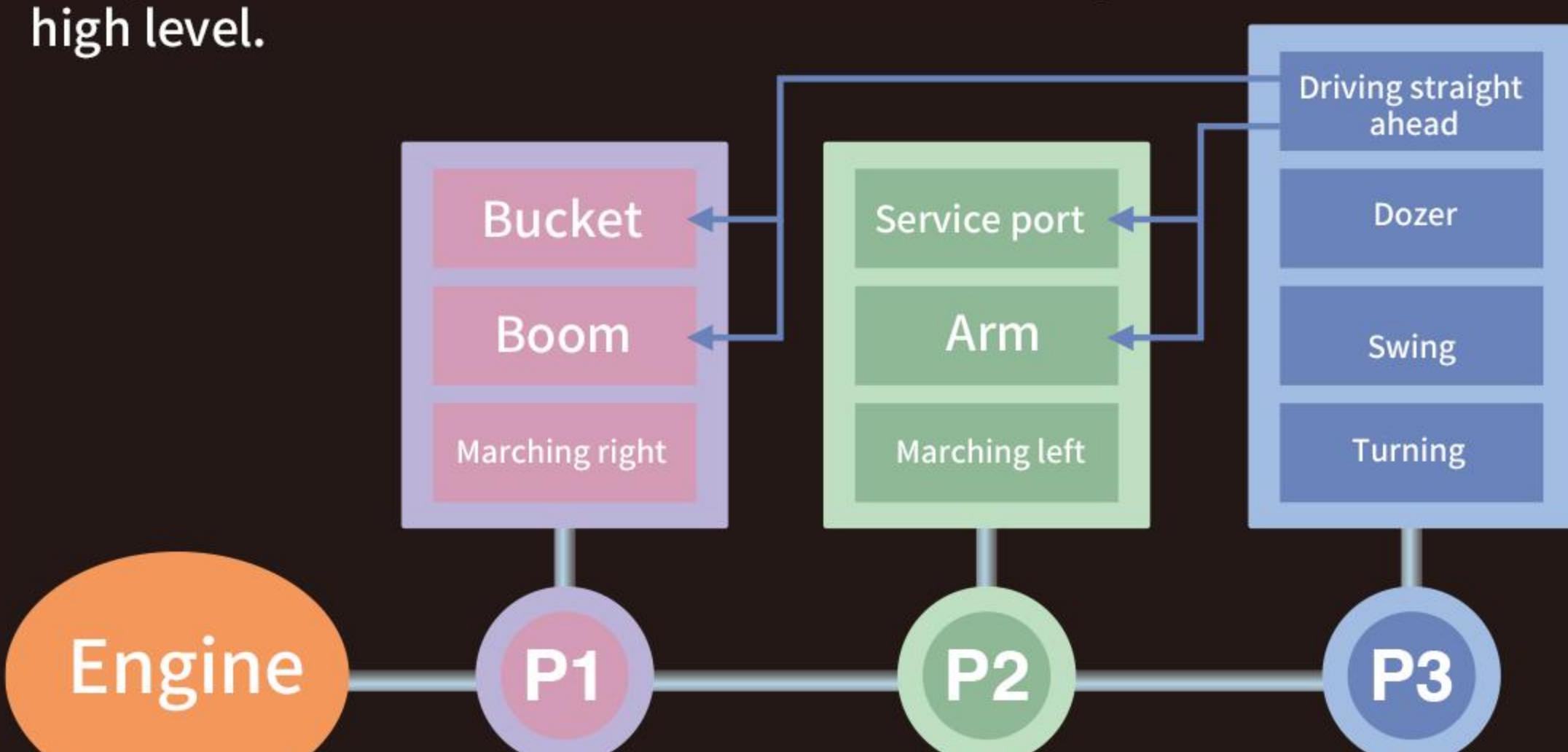
PERFORMANCE

Outstanding power and smooth operation for superior operability

Powerful digging force and 4-way operation

NEW-H • M • S hydraulic system

Adopts a 3-pump system that uses independent pumps for the boom, arm, and swing, and is equipped with a control valve with a wide control range and a variable displacement pump. With smooth, quick, and powerful work, we can meet even the toughest demands at a high level.



● Powerful drilling performance

Concentrates hydraulic power to the front and delivers powerful digging power.

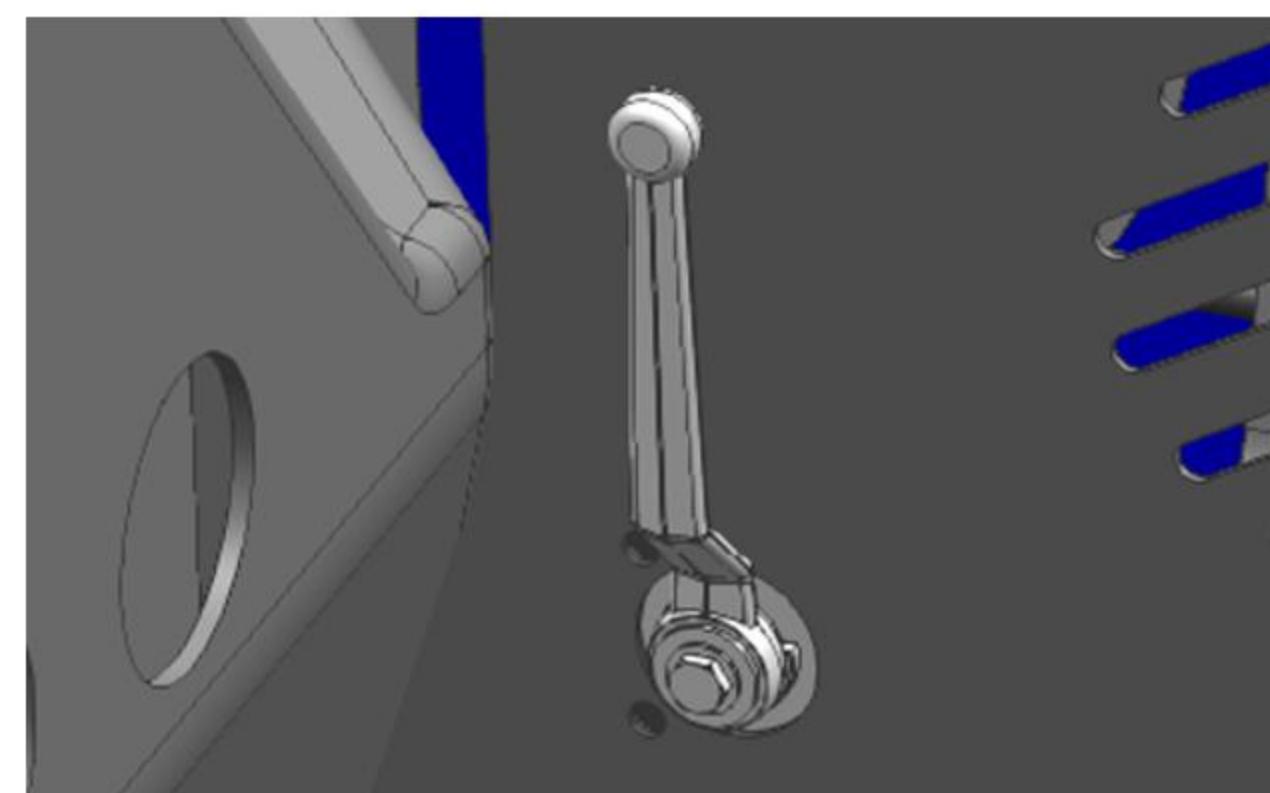
● Equipped with a straight running circuit

Even if you operate the front while driving, there is no meandering or speed change, and stable straight-line driving is achieved.

● 4 consecutive operations possible

The optimal matching of the 3 pump system and hydraulic system allows simultaneous operation of the bucket, boom, arm, and rotation.

● Easy to load and unload on truck



Lawn mower return line reservation

Reserve the mower oil return pipeline, and the pipeline can be switched when the lawn mower auxiliary equipment is used in the future

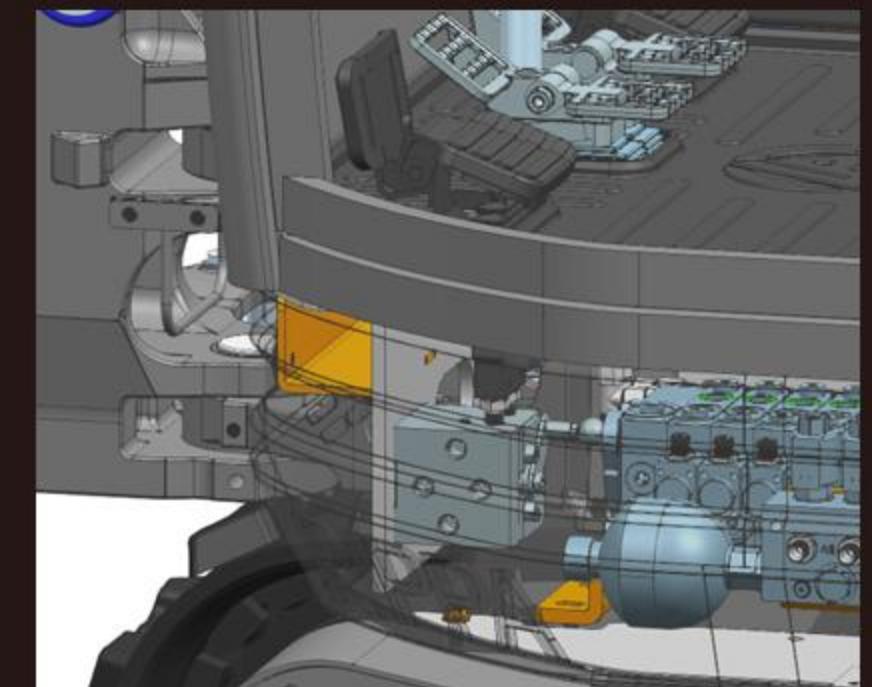


● Options for crane specifications

- Bucket cylinder cover
- Arm cylinder cover

Forward and reverse hand switching valve

The fore and backhand switching valves realize the switching of ISO-SAE operating modes



Variable leg specifications (optional)

Convenient R22 PRO

Vehicle width when reduced: 1,300mm

Variable leg specifications in consideration of situations where the approach road is narrow. It exhibits high stability by being compact at 1,300mm when traveling and transporting, and of course expanding to 1,500mm when working.

Approaching the 3t class

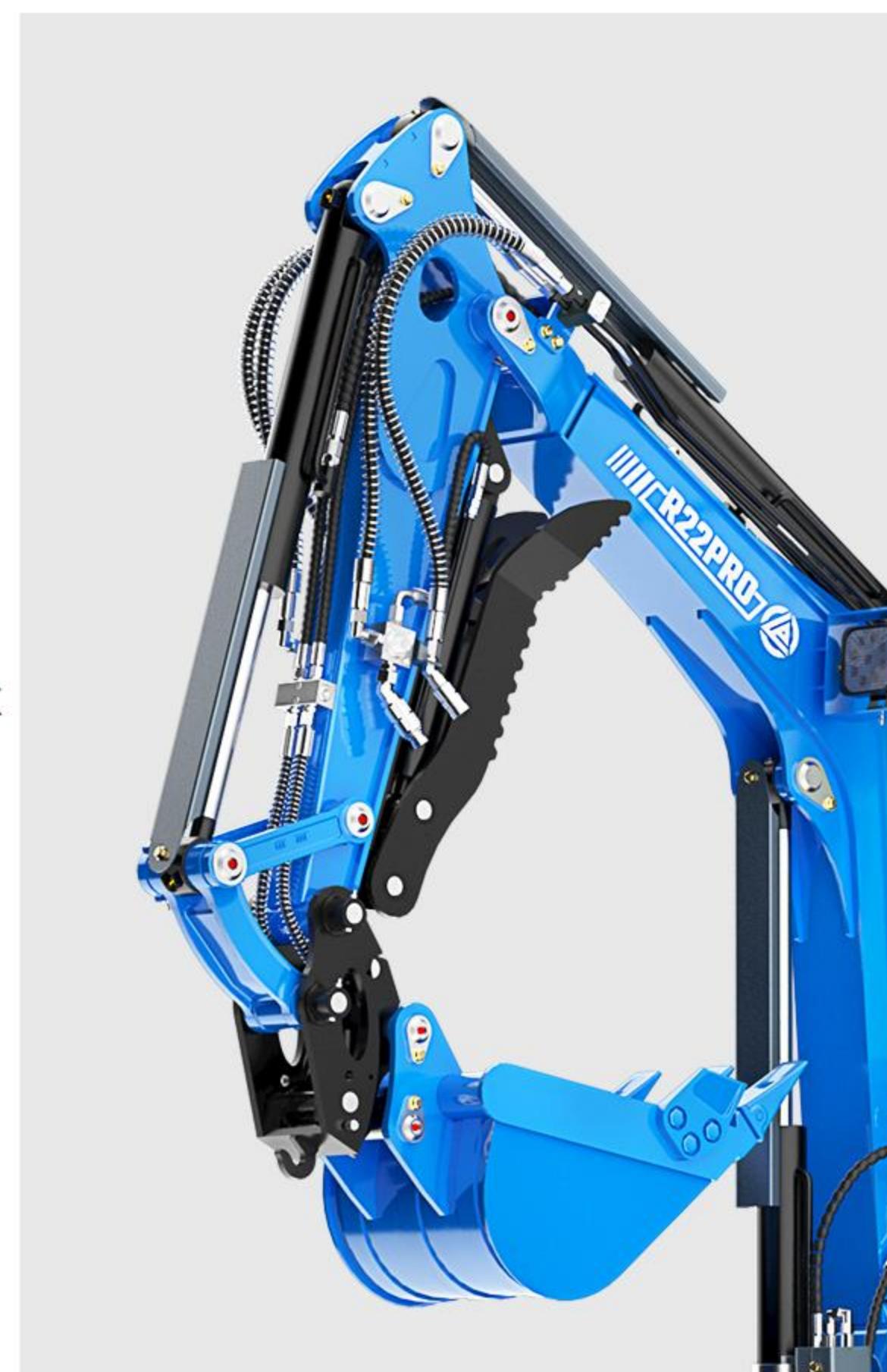
Suitable for 2.5 liters R22 PRO

● Although it is a 2.5t class machine, it exhibits excavation performance and stability approaching that of a 3t class machine. Contributes to increased efficiency with work capacity that exceeds that of its class.

● Achieves speedy front movement by constantly optimizing hydraulic pressure distribution. Combination work can be done extremely smoothly.

● Designed in pursuit of excellent stability, it is effective when attaching attachments or on sites that involve lifting work.

● The service port has ample oil flow capacity, making it compatible with attachments such as breakers. It responds to harsh use with stable operation. (Service port specification option)



WHILE IMPROVING HOMEWORK EFFICIENCY, ACHIEVE LIVABILITY AND SAFETY.

COMFORTABLE CAB

TWO PILLARS / OPG • FOUR PILLARS / OPG

CANOPY CAB + SEAT BELT

For TOPS/ROPS that pursue operator safety, please use the Canopy Cabs (with seat belts) corresponding to Do Level I to further pursue safety. Implement a safety structure to protect the operator in case of a fall. The design of the boarding and alighting space is spacious, and getting on and off is also very easy. At the same time, sudden falling objects on site are also protected.

● CAB STANDARD EQUIPMENT

Front tempered glass / front window open / ashtray / heater

* Tops: protect over protective structures

The structure to protect the driver with the seat belt mounted in the roll. fitted to the test conditions of the mini shovel overturn protection structure.

* ROPS: roll over protective structures

Structure to protect the driver with seat belt when falling.earthenware machine - suitable for test conditions of overturning protection structures.



Large cockpit

The cab comes with a fresh air system, windshield washer fluid, and four-corner shock absorbers.



One touch easy operation

Smart big screen

The intelligent large screen displays the machine operating parameters. The error codes and warning lights on the screen immediately notify the operator of overheating, hydraulic system abnormalities and charging system abnormalities.

The simple design, convenient access and easy-to-read indicators enable the operator to always grasp the status of the machine.



Herringbone track

Engineering rubber tracks can be matched with high-quality wear-resistant steel tracks for smooth walking



Air conditioner

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



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.

OPENABLE WINDSHIELD

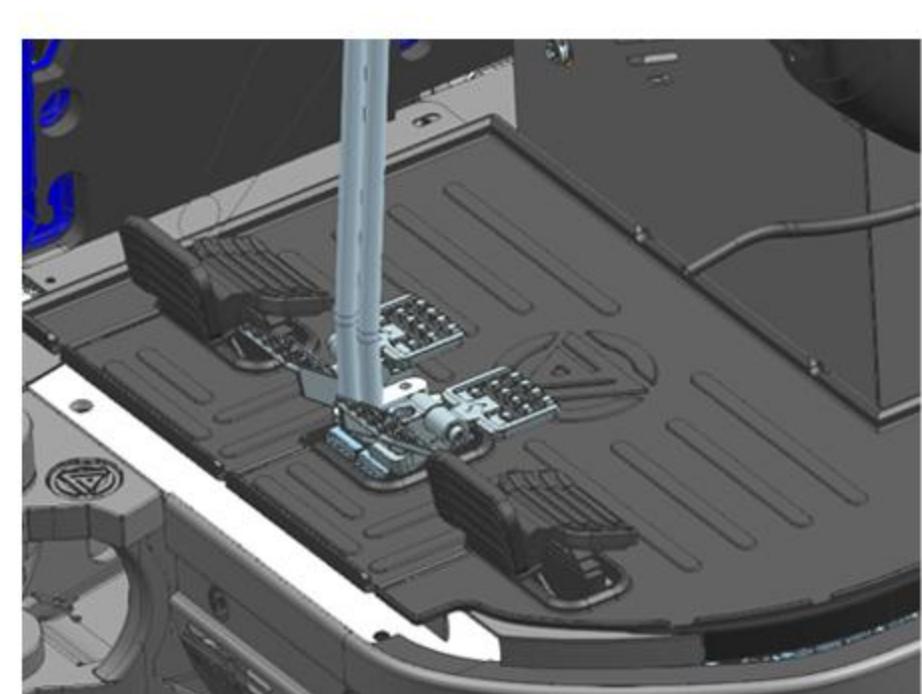
The openable design allows the operator to open the windshield when needed to enhance air circulation in the cab, which is particularly suitable for high-temperature working environments and improves the operator's comfort.



LOOSE FEELING!

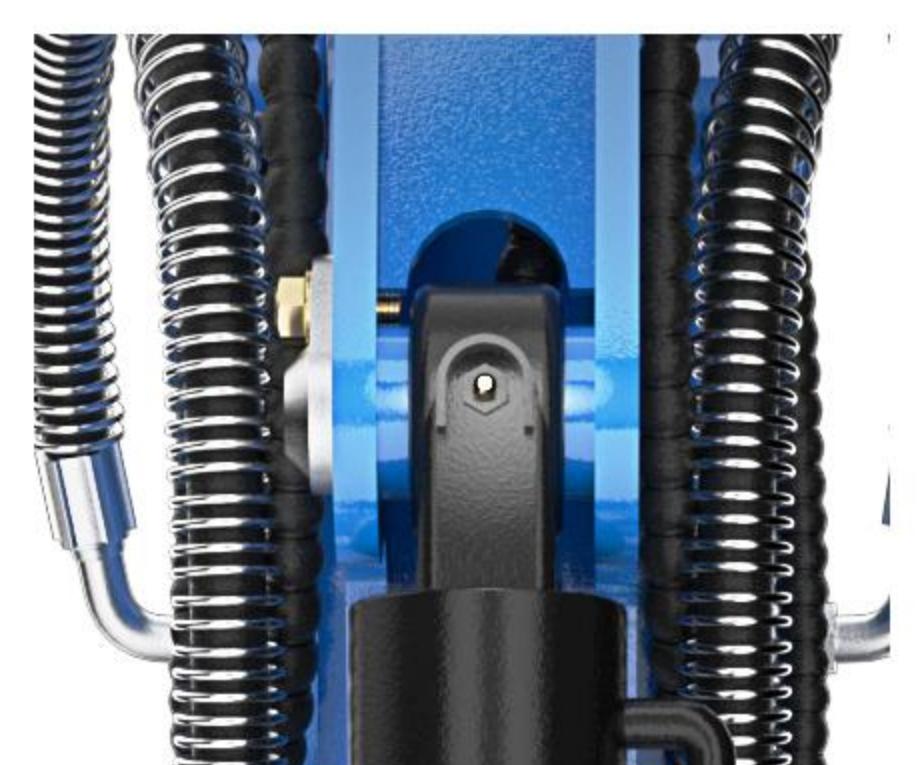
COMFORTABLE OPERATION

Ensure spacious foot space and support leisurely and smooth operation. The same operating feeling as a mainframe, achieving stress free operation.



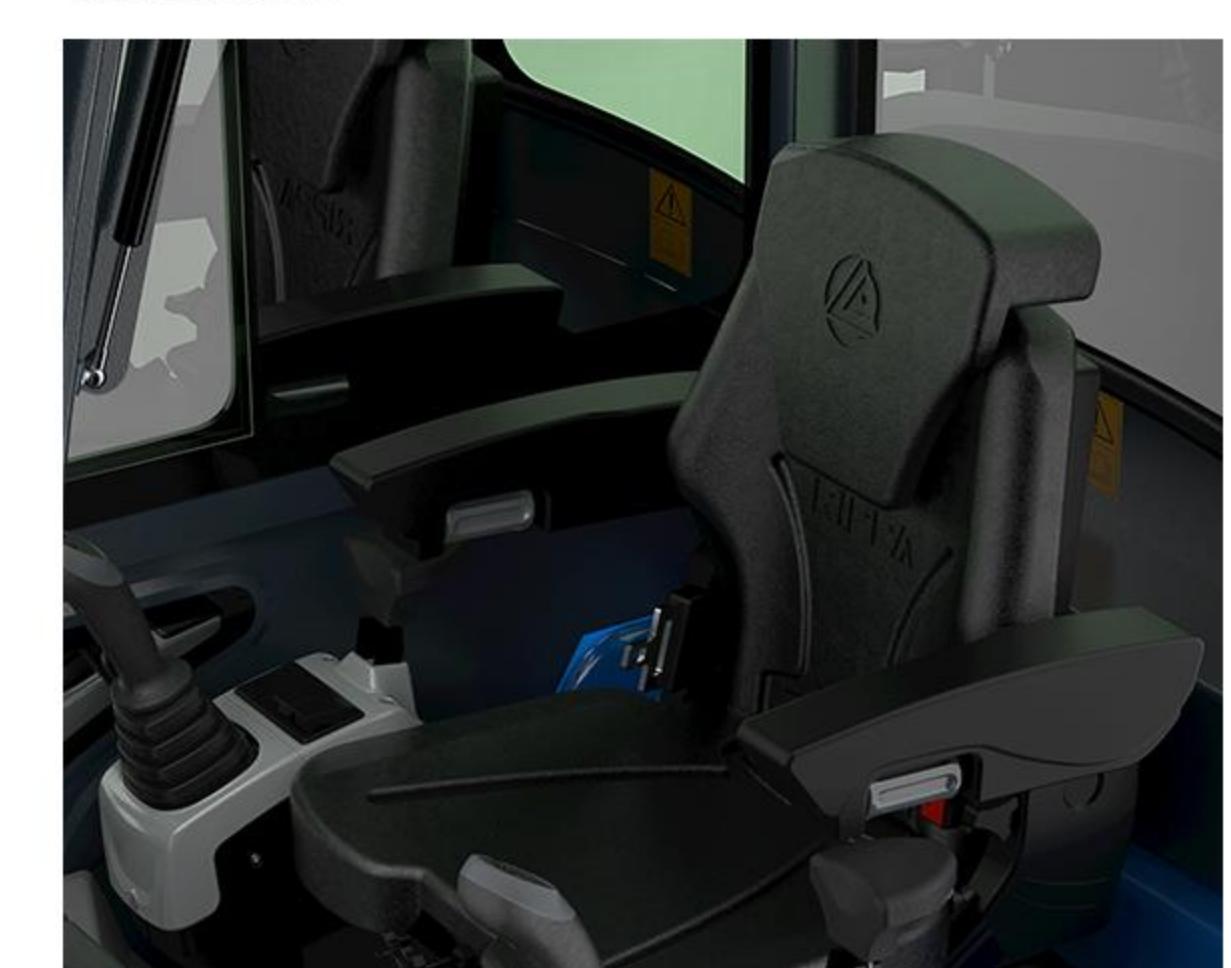
Rubber foot pads

The rubber foot mat is easy to clean and dirt-resistant, fits the shape of the fuselage, has a non-slip treatment at the bottom, and a water outlet on the basis of waterproofing, which greatly improves the customer experience.



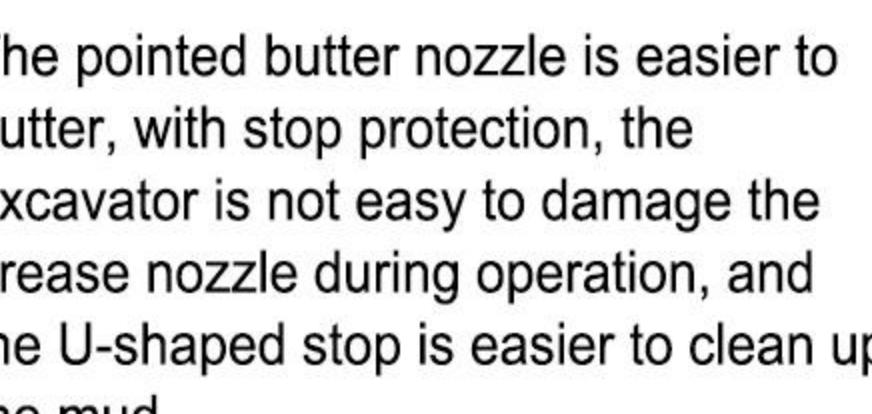
Shock-absorbing seats

The shock-absorbing seat is versatile, with adjustable armrests and headrest, a safety belt, and a storage box. The seat height, fore-aft distance, and backrest angle are all adjustable, giving you a unique experience while operating the excavator.



Grease fitting protection

The pointed butter nozzle is easier to butter, with stop protection, the excavator is not easy to damage the grease nozzle during operation, and the U-shaped stop is easier to clean up the mud.



MAINTENANCE

Smart maintenance and reliable durability.

Simply switch on and off

Double opening engine hood

Due to the lack of tools to significantly open the rear and right upper covers, daily inspections and maintenance around the engine and fuel system are simply possible. During the formal overhaul, the disassembly of the rear and right engine covers can be carried out quickly and accurately within just a few minutes, and the internal inspection and overhaul can be carried out quickly and accurately.

Sturdy front

The front end, root, swing pivot, and travel motor support of the boom subjected to heavy loads during homework are reinforced with cast steel materials to enhance strength. In addition, the front fulcrum is reinforced by a large diameter front fulcrum pin.

