



RIPPA[®]

R57 PRO

Standard bucket capacity: 0.175m³ | Rated power: 38.1kW/2200rpm |
Operating weight: 5700kg



RIPPA

Keep evolving for the better

Rippa Machinery Group Co., Ltd. was established in 2006 and has passed the EU CE ISO9001 certification. It has been awarded the title of "Contract abiding and Reputable" in Shandong Province. The company has a domestic sales department and an international business unit, and the enterprise is developing towards diversification, multi industry, and collectivization

We are Rippa

Rippa is a brand renewal and upgrade, reflecting our core concept of sustainable development and leaving a positive development footprint. Looking ahead, we will continue to provide innovative products and solutions to drive continuous progress in our world today.

NEW POWER

Equipped with Yanmar 4TNV98C/4TNV94L engines, providing more power support for driving. With a gentle roar, elegant start, strong and stable output power, it has been proven by the market .



REDUCE FUEL CONSUMPTION



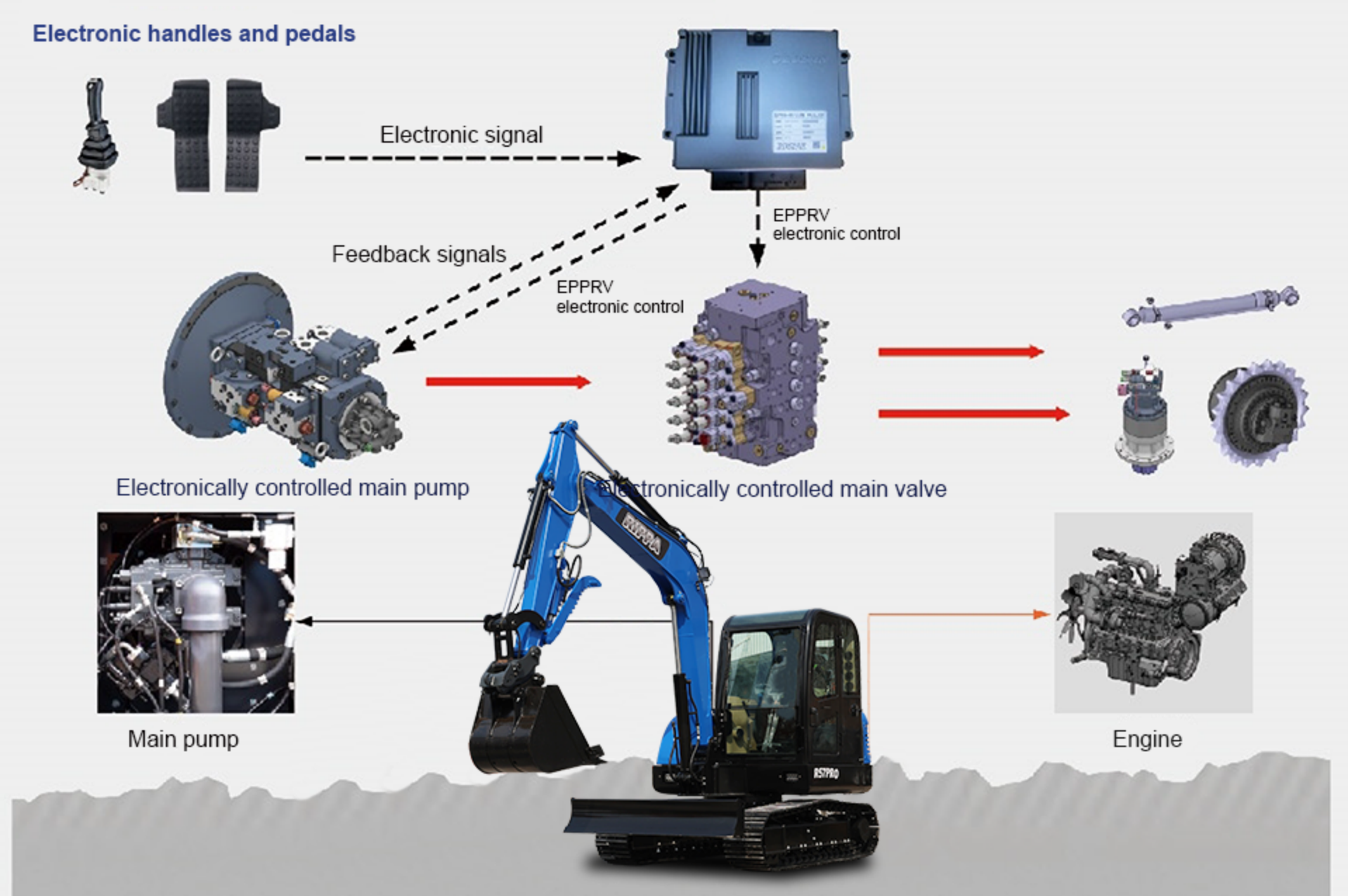
The above data are all obtained under ideal testing conditions, and there may be some deviations from the actual testing data for reference only.

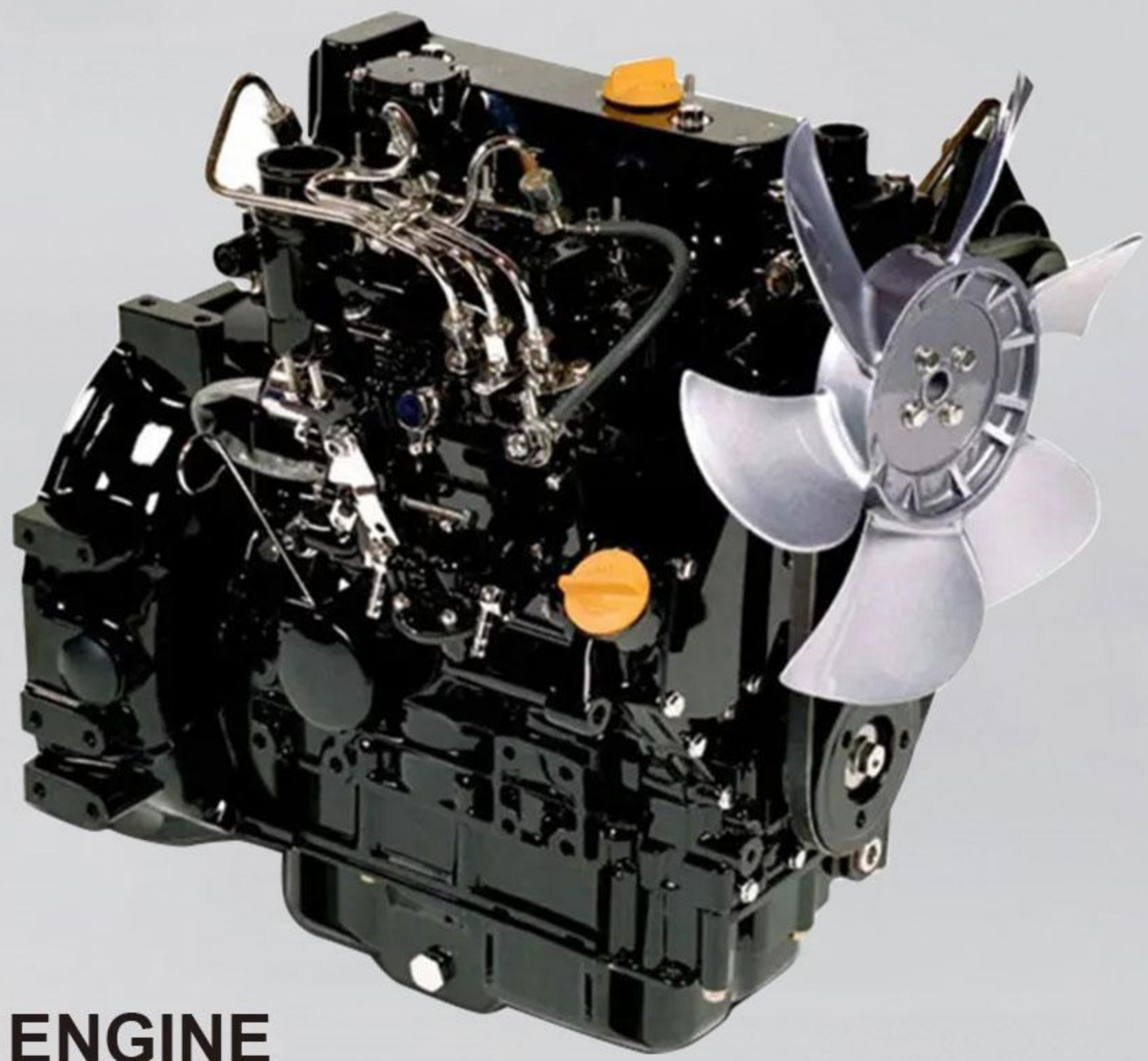
Fully electronic hydraulic system

By electronically controlling the main pump and valve, precise control of hydraulic output is achieved, reducing system energy consumption losses and significantly reducing excavator fuel consumption.

Upgrading the system

The fully upgraded system adjusts the engine speed and main pump output torque in real time according to the intensity of the working conditions, making energy consumption control more precise and the fuel saving effect more obvious.





ENGINE

Manufacturer	Yanmar 4TNV98
Power	38.1kW/2200 rpm

- Economically fuel-efficient, with enhanced power

- Adopting electronically controlled hydraulic system, reducing fuel consumption by 7% and pursuing efficient fuel economy
- Hydraulic main pump main valve fully electric signal control, fast action speed, improved efficiency, and maximized customer revenue
- Equipped with a Yanmar 4TNV94L/4TNV98C engine, it has strong power and is efficient and fuel-efficient.

- Large and small arm strengthening

- The high-efficiency engine combined with the large-capacity bucket and mine-type reinforced chassis comprehensively improves production capacity.
- Structural stability and durability of the large and small arms , and it can better adapt to harsh working condition ve the wThe integrated design of the large arm bottom plate reduces the welding points of the large and small arms , anstructure to avoid stress concentration
- At the same time , the plate thickness of key parts is reinforced to impro

- High quality and durable

- The whole machine adopts original imported engine, main pump, main control valve travel and rotary motor, with reliable performance.
- Structural parts have been proven by the global market, can meet all-round competent working conditions, and are durable.

- Comfortable cab

The design concept of "driver centered" greatly reduces the noise and vibration inside the cab; At the same time, it has an air conditioning system to meet the needs of operations in the four seasons, improving the comfort and convenience of operations



POWER SYSTEM

It uses Yanmar 4TNV94L/4TNV98C engines, which have high power and high performance of core components, and continue to maintain the performance advantages of the previous generation products; the engine cylinder combustion temperature is high, the fuel efficiency is significantly improved, and the power is strong; the exhaust emissions are environmentally friendly.



EXCLUSIVE CUSTOMIZED MULTI-WAY VALVE

Exclusive customization with high reliability and low pressure loss, High efficiency in traffic distribution and smooth compound actions Identify advantages and meet the professional needs of customers.



SUPER DIGGING FORCE

Optimize the movement trajectory and shape of the bucket bottom to reduce impact and resistance during excavation power and improve efficiency. Using high-strength wear-resistant steel plate, it has strong wear resistance and long service life.



BRAND HYDRAULIC PUMP

Multiple oil filtration systems such as hydraulic oil pumps enhance fuel filtration performance and greatly improve fuel efficiency. Usage rate. The arrangement structure is more compact and maintenance is more convenient.



Ergonomic shock-absorbing seat



Multifunctional electronic instruments

- a. Adjustable anti-vibration seat: Air shockproof and adjustable seat, in line with ergonomics, makes working more comfortable
- b. Fuel consumption management: It can confirm the amount of oil and changes in hydraulic oil in the dashboard, and can also initialize the usage time and change the maintenance product replacement cycle
- c. Machine parameters: Various parameters of the excavator can be viewed on the dashboard
- d. Parameter settings: Parameter adjustment and settings can be performed

COMFORTABLE AND SAFE DRIVING ENVIRONMENT

CENTRALIZED BUTTON DESIGN

a. Rotary throttle

- The rotary throttle has high precision, strong operation and more beautiful appearance.

b. Hidden air conditioner

- The air conditioner is hidden behind the seat, and the control panel is concentrated in the left armrest box.

c. auxiliary button

- The centralized design of auxiliary buttons greatly improves the convenience of equipment operation.

d. car wireless radio

- You can listen to the radio and play music songs to provide a more comfortable working environment



COMPREHENSIVE UPGRADE OF DRIVING QUALITY IMPROVED RIDE AND TACTILITY

Comfort seat pilot operation

a. shock absorbing seat

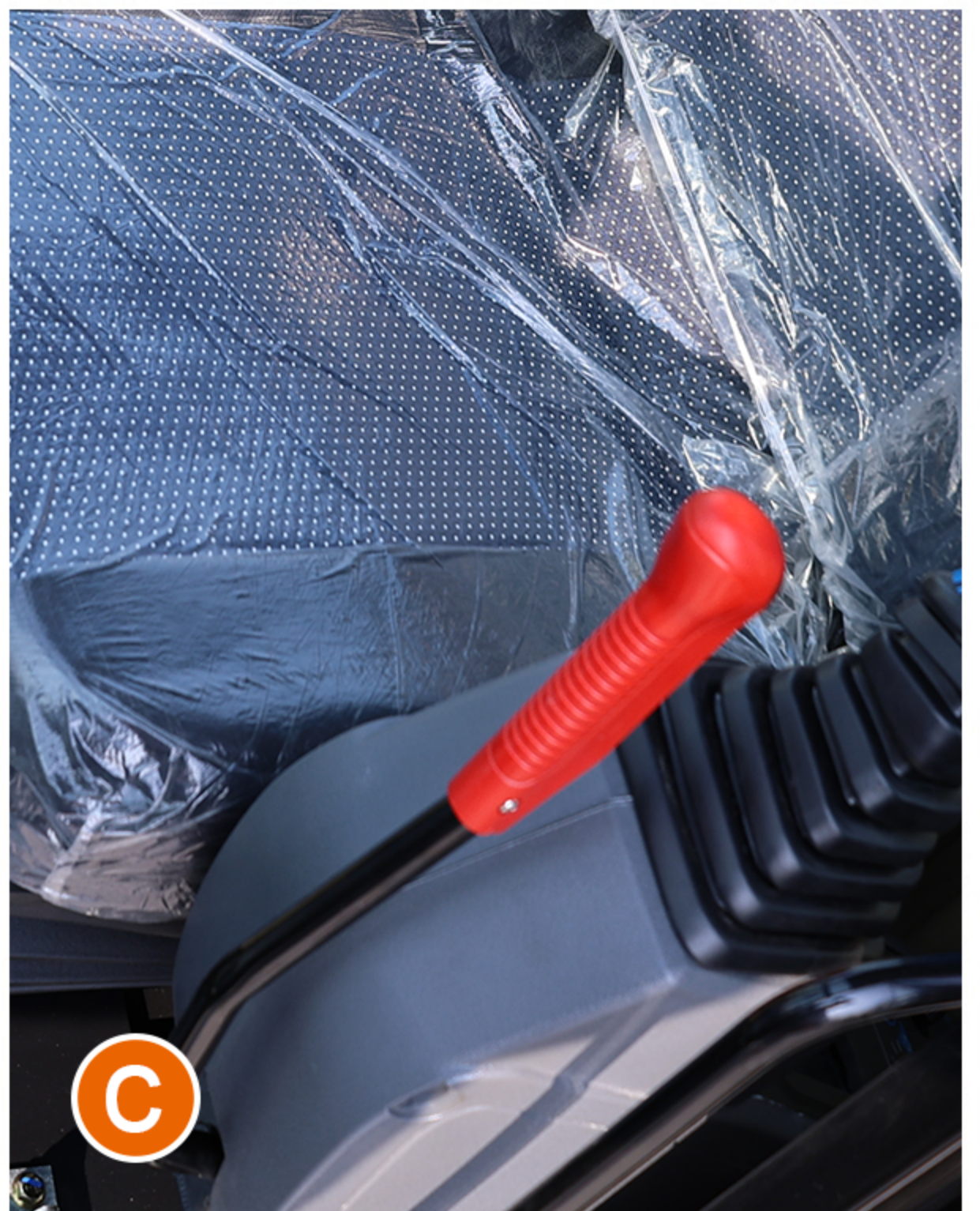
Optimization and improvement of cab shock absorption effect to reduce fatigue caused by operation

b. Operating handle

Rounded handle, comfortable to hold, strong operability and more precise operation control

c. Security lock

Equipped with safety lock for safer operation



CONVENIENT, FAST AND ECONOMICAL MAINTENANCE

New and convenient maintenance settings provide customers with convenient and fast usage conditions.

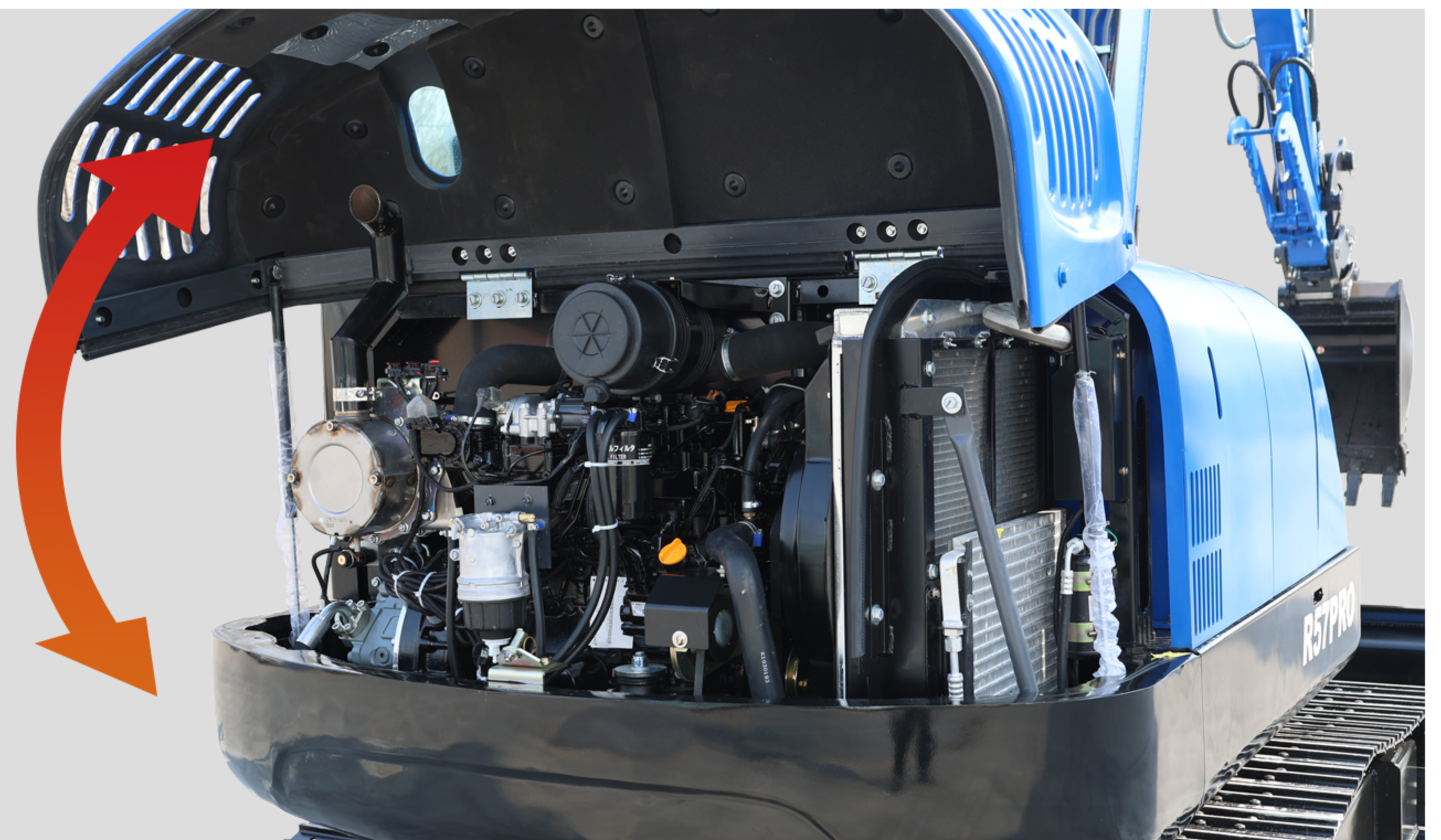


The engine filter and other components are centrally located behind the cab to increase the convenience of maintenance.

RELIABLE AND CONVENIENT MAINTENANCE SYSTEM

The engine cover adopts humanized design

Continuing the design of maintenance convenience, repairs or inspections can be easily completed.



1. Big and small arms

The large and small arm links are strengthened, the plates are thickened, and the manufacturing process is improved. The welding type is replaced by the integrated casting type.

2. Battery disconnect switch

In order to protect the equipment for a long time and to cut off the battery power supply during maintenance and inspection, various electrical devices can be protected.

3. Foldable 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.

4. Oil cylinder

The hydraulic oil cylinder with strengthened design and integrated design can reduce welding seams and prevent the oil cylinder from breaking easily.

5. Reliable weight bracket

The stronger counterweight bracket design can permanently protect the core components from damage, and the thickened cover plate and super-durable fixing bolts ensure its safety and stability.

6. Reinforced boom cylinder support

The cylinder support adopts a thickened and double-layer reinforced structure to effectively cope with the impact of crushing operations.

MAIN SPECIFICATIONS

Model		R57
Machine working weight	lb (kg)	12540 (5700)
Bucket capacity	ft ³ (m ³)	3.2-6.2 (0.09-0.175)
Boom length	in (mm)	118.1 (3000)
Arm length	in(mm)	63 (1600)
Slewing speed	(rpm)	(9)
Travel speed	mph (km/h)	2.6/1.4 (4.16\2.3)
Bucket digging force	lbf (kn)	9892 (44)
Arm digging force	lbf (kn)	6519 (29)
Cab height	in (mm)	101.6 (2580)
Tail slewing radius	in (mm)	65 (1650)
Counterweight level	in (mm)	27.6 (700)
Track length	in (mm)	100 (2540)
Track width	in (mm)	74 (1880)
Track shoe width	in (mm)	15.7 (400)
Minimum ground clearance	in (mm)	15.7 (400)
Maximum digging range	in (mm)	242.1 (6150)
Maximum digging range on the ground	in (mm)	242.1 (6150)
Maximum digging depth	in (mm)	153.1 (3890)
Maximum unloading height	in (mm)	159.8 (4060)
Maximum vertical wall depth that can be dug	in (mm)	119.1 (3025)
Engine		Yanmar 4TNV98C/4TNV94L
Power	hp (KW)	51 (38.1)
Multi-way valve		HYTEK
Hydraulic pump		HYTEK
Travel motor		ZHTE
Slewing motor		Fujikoshi

SERVICE UPGRADE AND CAREFUL GUARDING

Exclusive quality: RIPPA care



Personal service and worry-free maintenance



Fuel sulfur content testing

Help customers identify good and bad fuels and require the use of fuels with a sulfur content of less than 10 ppm.



Urea concentration detection

To help customers identify good and bad urea, it is required to use a urea solution with a concentration of $32.5\% \pm 0.7\%$.



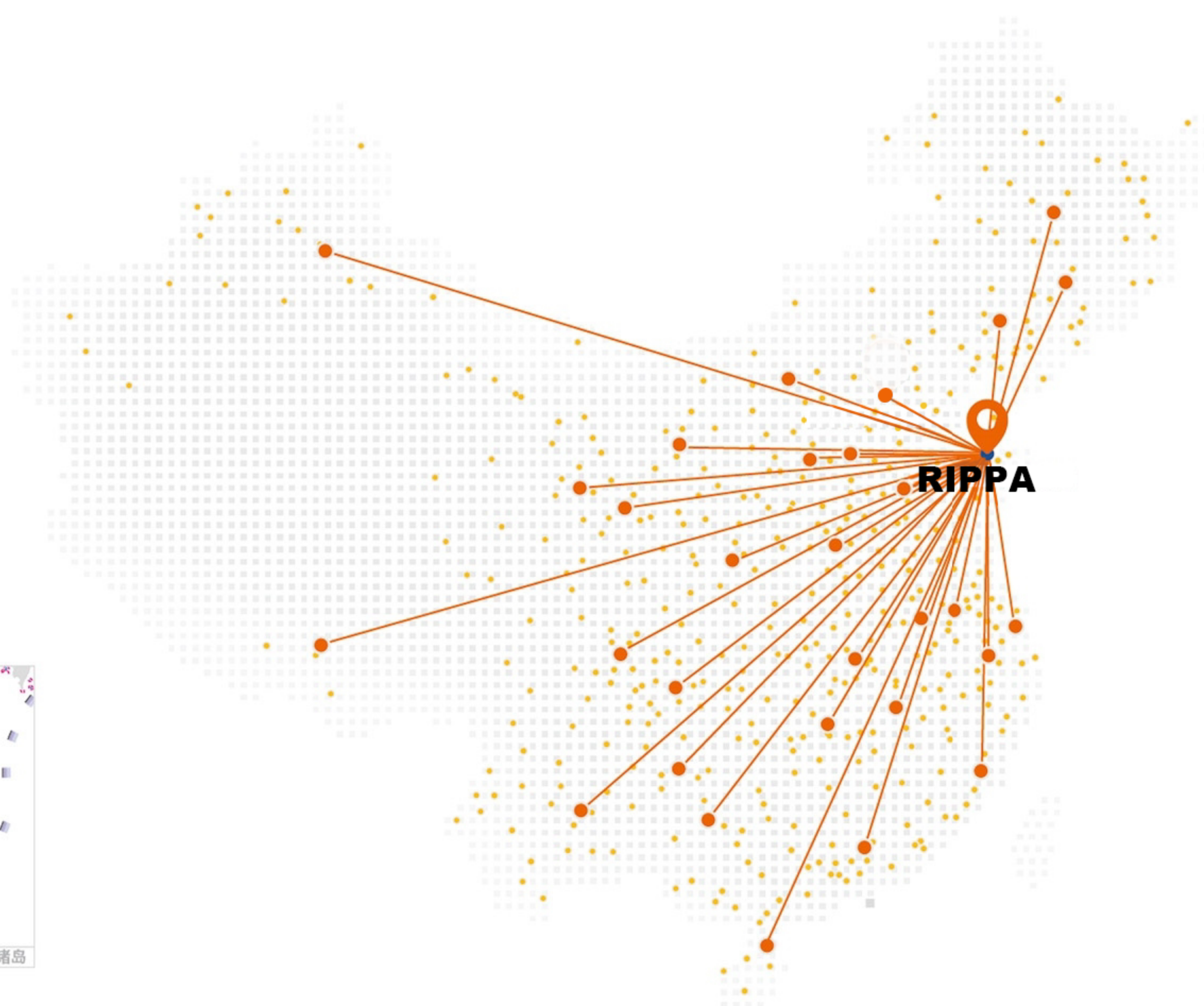
Post-processing maintenance training

Help customers understand correct operation and maintenance methods to avoid misjudgments and failures caused by improper operation.



DPF cleaning

During the warranty period, free cleaning service will be provided when a post-processing failure occurs for the first time.



Nationwide sales and service network

RIPPA is always committed to providing customers with high-quality product after-sales service and support, and customized solutions can maximize customer needs.

- RIPPA Jining
- Dealer/Direct Sales
- Service outlets



Multiple ways to report for repairs
(Telephone, WeChat,
online customer service)



Expert seat
Troubleshooting



Call center dispatch system



Service engineer mobile app



Intelligent service data system

WE ARE RIPPA

Shandong Rippa Machinery Group Co., Ltd. is located in the Sixth Industrial Park, Jining high tech Zone, Shandong Province. It is a state-level high-tech enterprise with the right to import and export;

The company's employees are vigorous and enterprising, constantly creating the legend and glory of Rippa!

Powered by **Yanmar**



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Some specifications are based on engineering measurements and may deviate from actual conditions. Specifications are for comparison purposes only and are subject to change without notice. Specifications of individual Rippa equipment will vary based on normal variations in design, manufacturing, operating conditions and other factors. Some pictures of Rippa equipment are not limited to standard packages.



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