

## WE ARE RIPPA

Shandong Rippa Machinery Group Co., Ltd. is located in No. 39, Guang'an Road, Liuhang Sub-district Office, High-tech Zone, Jining City, 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 **kubota**



**Shandong Rippa Machinery Group Co., Ltd.**

Add: No. 39, Guang'an Road, Liuhang Sub-district Office, High-tech Zone, Jining City, Shandong Province.

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.



[www.rippa.com](http://www.rippa.com)



# EXCAVATOR

# R82 PRO



# MEET THE NEW GENERATION OF RIPPA MACHINES

Lift your business to the next level with the R82PRO  
RIPPA excavators. Exceptionally powerful, yet environmentally friendly,  
The R82PRO excavators feature extraordinary fuel efficiency



# RAISE PROFITS, PRODUCTIVITY & FUEL EFFICIENCY

## TOP PERFORMANCE IN A VERSATILE PACKAGE

A compact & powerful machine for the best adaptability to any work site. Large hydraulic capacity of a tool carrier. Works in narrow spaces thanks an ultra-compact design and boom swing.

## EFFICIENCY

The new R82 PRO offer really high level of efficiency, in any application, thanks to a brand new design. The R82 PRO offers the best compactness in the market, where the R82 PRO offers the best compromise between compactness and lifting performance, when heavy lifting is needed.

## MANEUVERABILITY

The smooth and precise hydraulic system can drive all the attachments needed on the construction site. The operator can control the flow proportionally. Pedal driving can be operated by manual lever without using pedals. The two travel modes can be switched at any time.



## EASY MAINTENANCE

Easy access from ground level to all components, filters and refilling points.

The R82 PRO was designed to be easy to keep on the job. Offers easy access to filters, fluids and all service points — including the engine, pump package, valve bank, cooling system and plumbing.

Quick and easy machine diagnosis allows you to monitor critical systems in real time from the LCD monitor in the cab.

## PRODUCTIVITY

Superior digging, pulling and traction forces to face all jobsites.

## SAFETY

Anti-collision net (optional)

Powerful LED lighting with large glass door for excellent visibility

Pilot safety lock

ROPS cab

OPG protective cover (optional)

## COMFORT

low noise & vibration levels and excellent all-round visibility.

Large glass door for easy access and better visibility.

Fully adjustable heated air suspension seat, air conditioning with climate control as standard.

# ALL-ROUND VERSATILITY AND IMPROVED FUEL EFFICIENCY



## A MODEL WITH NOVEL FEATURES

control for the hydraulic system and for the engine

- Improved ergonomics, increased comfort and excellent all-round visibility, Improved reliability, using high-performance materials - combined with new methods of structural stress analysis - have increased component life expectancy, thus reducing running costs
- Reduced maintenance increases the excavator's availability and lowers the operating costs

## HIGHEST PERFORMANCE IN ANY WORK ENVIRONMENT

The advanced hydraulic system, combined with a powerful engine, provides the biggest digging and tractive forces for efficient operation. As a result, the R82PRO provides outstanding performance, work efficiency and the ability to adapt to any work environment.

## Kubota V2607 (EPA4/Euro 5)

The R82 PRO has a powerful and eco-friendly heart, always providing high operating efficiency and pleasant working conditions.

## BOOM SWING

The boom swing function allows you to work in very narrow areas

## POWERFUL DIGGING FORCE (BUCKET)

Powerful, efficient, and with increased digging force can face every job site condition.

## DOZER BLADE

Welded, unitized blade provides durability even under harsh working conditions.

## DUAL-SPEED FAST AND SLOW

The fast gear is suitable for fast movement of equipment within the site, saving transition time, improving overall construction efficiency, precise control, and adapting to various working conditions



# THE IDEAL WORKSPACE DESIGNED AROUND YOU

- 1 Seat
- 2 Arm rest
- 3 Left-hand work lever(joystick)
- 4 Assistive device buttons
- 5 travel pedal
- 6 Foot vent
- 7 Defrodter vent
- 8 Travel lever
- 9 Display monitor
- 10 Right-hand work lever (joystick)
- 11 Dozer lever
- 12 Cup holder
- 13 Safety lever
- 14 Starter switch
- 15 Cigarette lighter
- 16 Radio
- 17 Air conditioning panel



## The cabin has been ergonomically designed with comfort in mind

The R82PRO are designed to provide you with the best possible working conditions. Its spacious interior offers a fully adjustable and comfortable seat. Comfortably seated, you have easy access to several storage compartments and a clear all-round view of the worksite. Noise and vibration levels are reduced while air conditioning allows you to maximise your productivity and return on investment.

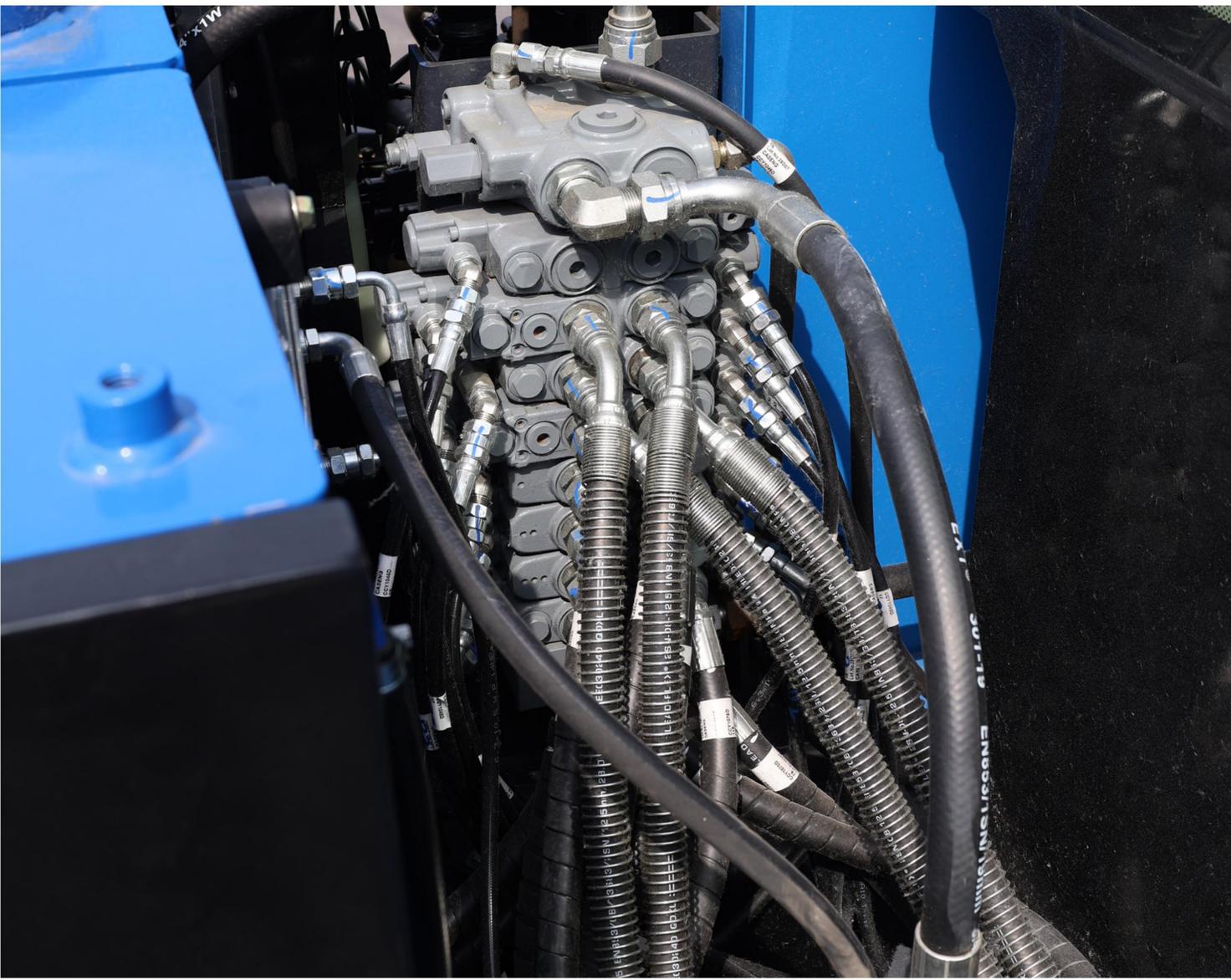
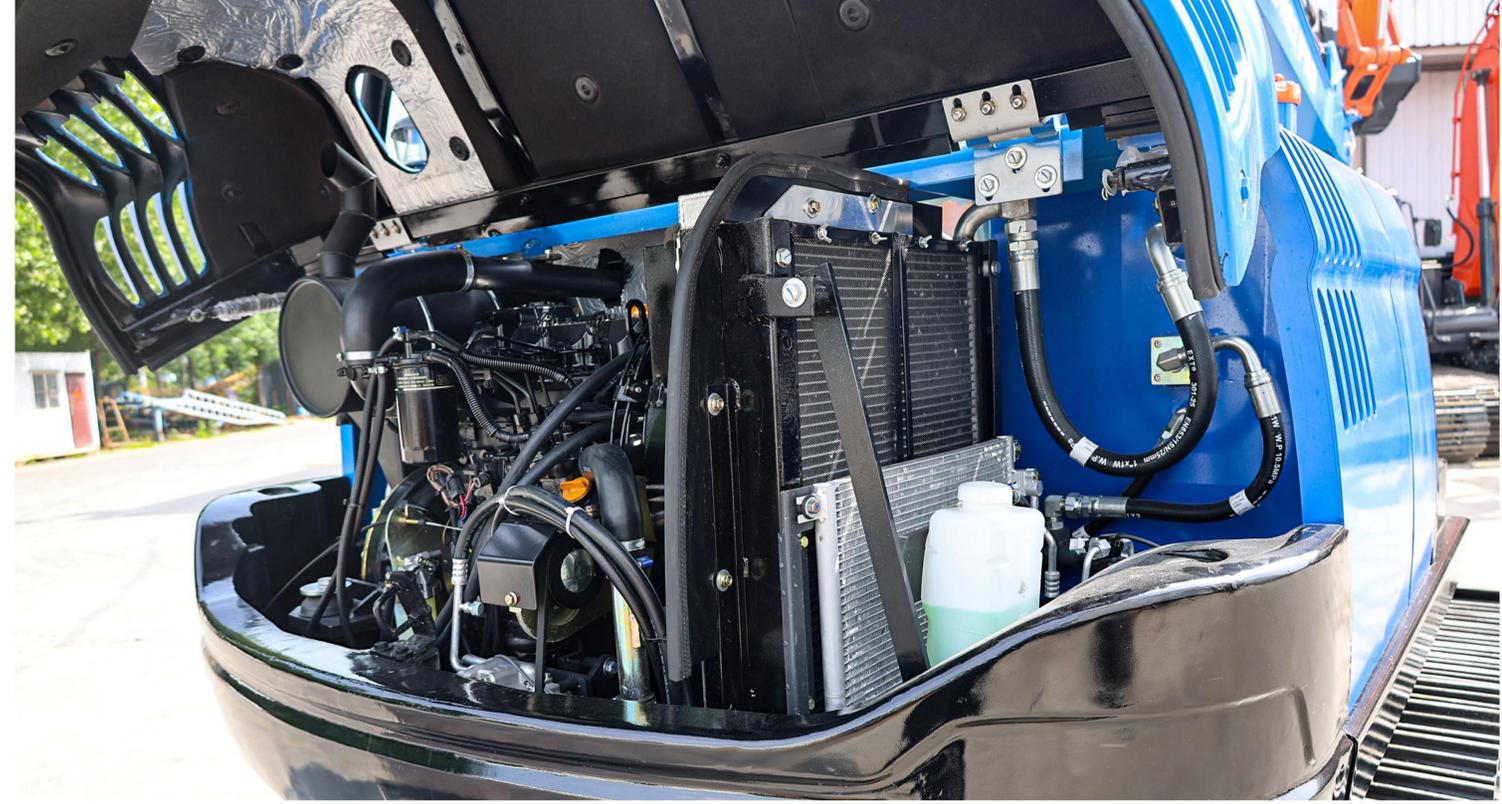
## MORE DURABILITY –LESS MAINTENANCE

A reinforced chassis provides strength, while the optimised boom shape ensures uniform load distribution for more durability. Top quality materials, the most advanced computer-aided design and endurance testing under the most demanding conditions ensure your excavator will keep on performing. The R82PRO are designed for low maintenance with longer intervals resulting in more machine availability on site while skilled RIPPA-trained technicians are available to provide extra support when needed.



# MORE DURABILITY — LESS MAINTENANCE

The most advanced technology developed by RIPPA. Was integrated into the R82PRO excavators for powerful performance and simple, easy maintenance. This provides the operator with convenient maintenance check points and maximizes the R82PRO's work efficiency.



## BEST MAINTENANCE ACCESS

### MAINTENANCE ACCESS MADE SIMPLE

A battery cut-of switch makes it easy to disconnect the battery during long-term storage

The hour meter display can be easily checked from ground level - For extra accessibility and servicing convenience, all filters

### AIR BREATHER

It can effectively block dust, sand and other impurities in the air, prevent them from entering the engine cylinder, avoid wear and failure, and extend the life of the engine.

### ENGINE ROOM

The engine compartment is designed for easier service, and the sturdy sound-proofing inside the engine cover reduces the noise to provide a more comfortable environment for the operator and those working around the machine.

### TRACKS

The standard steel crawler has a solid structure and is suitable for heavy-duty conditions. It can support a larger machine weight and operating load, and has strong stability. The optional rubber crawler has stronger anti-skid and grip, and causes less damage to sidewalks and roads in urban environments.

### OIL GAUGE

Hydraulic oil level can be easily checked through the gauge on the side of the hydraulic tank.

### GREASE PIPING

Integrated grease piping is designed for easy maintenance of the swing bearing and boom swing cylinder.

### EXTERNAL FUEL CAP

The external lockable fuel tank cap makes refueling easier and safer. When the oil level reaches the minimum, a warning beep sounds for added convenience.

### ENGINE HOOD HYDRAULIC SUPPORT

No need for manual support, one-button opening saves effort and time, and improves maintenance efficiency. The hydraulic rod can firmly support the engine cover to avoid accidental falling, ensure the safety of maintenance personnel, and the support angle is reasonable, with larger inspection space, making daily maintenance and repair work smoother.



# ASSISTIVE DEVICES



Breaker



Ripper



Compactor



Pile hammer



Crushing pliers



Double cylinder hydraulic shears



Single cylinder crushing shear



Rotating log grapple



Screen bucket



Strengthen rock bucket

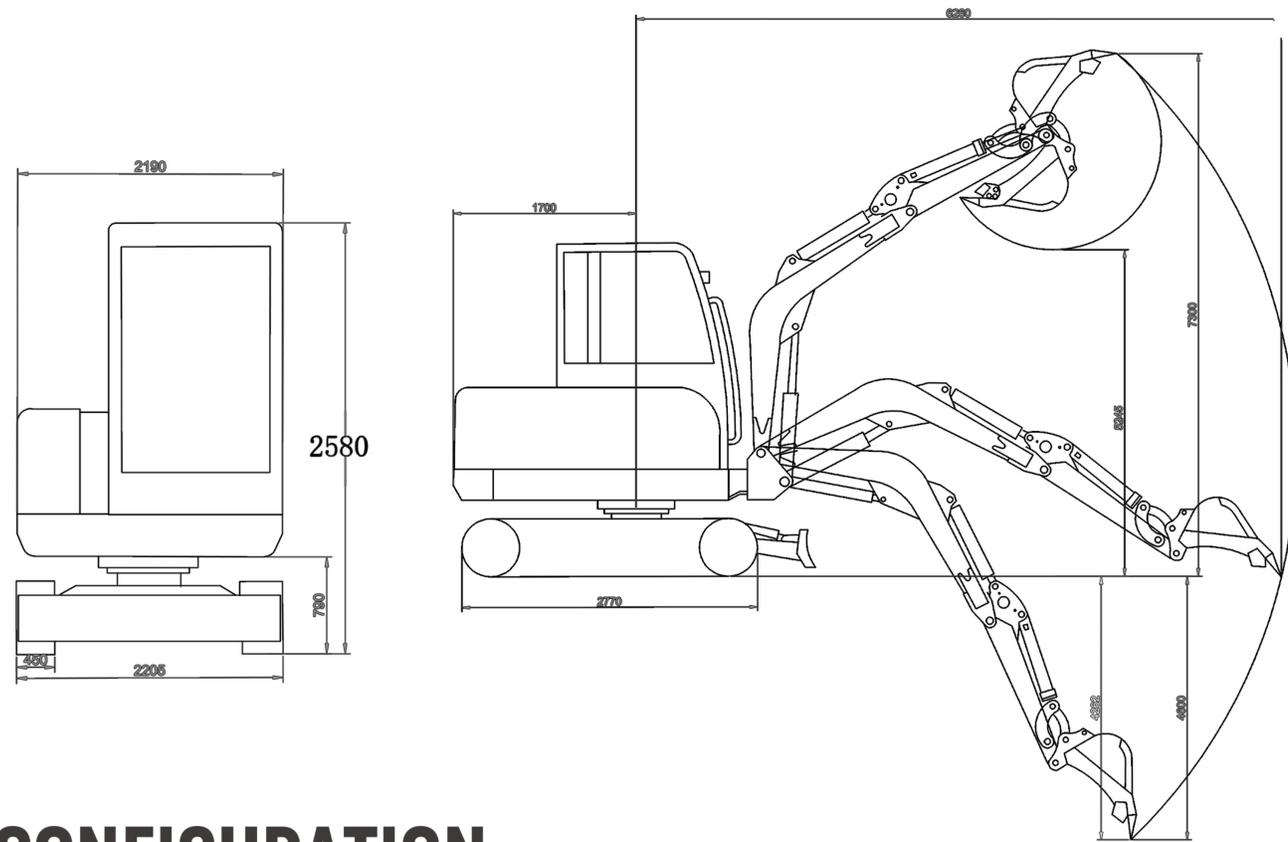


Rake



Hawkbill scissors

# ENVELOPE DIAGRAM



# CONFIGURATION

<b>Optional/ Additional</b>	Cab	Standard
	AC	Standard
	Reversing camera	Optional
	Control handle	Pilot hydraulic
	Boom swing	None
	Bulldozer swing	Optional
	Change color	Optional
	Rubber track	Standard
	Hydraulic thumb clamp	Standard
<b>Attachments</b>	Quick change	Standard
	Breaker	Optional
	Ripper	Optional
	Rake	Optional
	Hydraulic wood grabber	Optional
	Mower	Optional

# PARAMETER

		Metric Units	Imperial Units	
<b>Basic performance parameters</b>	Machine Operating Weight	8275kg	18,243 lb	
	Bucket Capacity	0.32m <sup>3</sup>	8.1 ft <sup>3</sup>	
	Travel Speed (Low/High Speed)	0-2.2/0-3.4km/h	0-1.37 / 0-2.11 mph	
	Climbing Ability	35%	35%	
	Ground Pressure	42.3Kpa	6.135 psi	
	Maximum Digging Force	55kN	12,364 lbf	
	Maximum Digging Radius	6695mm	263.8 in	
	Maximum Digging Depth	4020mm	158.4 in	
	Maximum Digging Height	6380mm	251.4 in	
	Maximum Unloading Height	4395mm	173.2 in	
	Maximum Deflection Angle	-	-	
Track Extension Range	-	-		
<b>Engine</b>	Engine Brand	Kubota	Kubota	
	Engine Model	V2607	V2607	
	Maximum Power	35Kw	46.9hp	
	Maximum Speed	2200rpm	2200rpm	
	Displacement	2.615L	0.69gal	
	Number of Cylinders	4	4	
	Cooling Method	Water-cooled	Water-cooled	
	Engine Oil Change Requirement	6.1L	1.61gal	
	Fuel Type	Diesel	Diesel	
	Fuel Oxide Grade	Grade 0 / Grade -10	Grade 0 / Grade -10	
	Theoretical Fuel Consumption	9.72L/h	9.72L/h	
<b>vehicle body</b>	Transport Length	6146mm	242.15in	
	Transport Width	2242mm	88.33in	
	Transport Height	2662mm	104.8in	
	Counterweight Ground Clearance	720mm	28.3in	
	Bucket Width	800mm	31.5in	
	Boom Length	3722mm	146.6in	
	Stick Length	1672mm	65.8in	
	Dozer Blade Width	2202mm	86.7in	
	<b>Hydraulic system</b>	Main pump type/model	Load-sensing variable displacement piston pump / 72	
		Main pump brand	Hiteker	
Main pump maximum flow rate		172.8		
Multi-directional valve		8-way hydraulic control valve		
Travel motor		ZHTE		
Rotary hydraulic motor type		ZHTE DH80		