

Hinged design of the machine, with brand power, Soft roar, elegant start, strong and stable output power

RL10 advantages in power, efficiency, versatility and value are driven by our robust features. Our compact articulated design uses less horsepower to do most jobs—that means less surface impact and lower operating costs. Equipped with Changchai 390 Euro V or National II engines for you to choose from, providing more power support for driving.

RIPPA
MULTIFUNCTIONAL LOADER

RL10



More powerful engine

The power is optimized and matched, with high fuel efficiency, large low-speed torque, strong power and high operating efficiency. An electronically controlled high-pressure common rail fuel system is used to achieve precise combustion control. Intelligently adjust the power curve to meet multiple working modes to achieve high efficiency and fuel saving.

Green and environmentally friendly

In addition to its outstanding horsepower and performance, it also has extremely low noise and vibration levels, excellent fuel efficiency, and meets the final version of Euro V and US Stage IV emission standards, contributing to environmental protection and reducing air pollution.

Compact hinge design

More flexible body, efficient integrated layout, and reduced energy loss during operation.



off-road tires

The core advantage of loader off-road tire is that it can adapt to various complex terrains. Strong grip, reduced idling in slippery environment and guaranteed effective transmission of power; Significantly improve loader trafficability on unpaved pavements for more stable and efficient operation.



radiator

It has high heat dissipation efficiency, which can effectively alleviate the problem of excessive body temperature, and is easy to maintain and clean.



Dumping height
2500mm





From outstanding lifting capacity to incredible operator comfort, the RL10 has the features to take your performance high

1 INSTRUMENT DISPLAY

It can monitor the voltage, temperature, etc. of the machine at any time and display the operating status of the machine.



2 FAST AND SLOW GEARS

Appropriate gears can be used according to different working environments



3 MACHINE PRESSURE

The operating pressure of the machine can be observed on the dashboard at all times



4 CENTRALIZATION OF AUXILIARY BUTTONS

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



5 UPGRADE KEY SWITCH

One-click start, convenient and fast

LED lighting

Night lighting has high brightness and wide range, which can reduce blind spots and improve night operation safety and accuracy; Adapting to harsh environments can extend work time and improve efficiency.

Oil cylinder

The reinforced design and integrated design effectively reduce the welding seams, making the structure more compact and the whole more coordinated. It not only significantly improves the durability of the cylinder, but also enables it to maintain stable performance in various complex environments.



Thickened digging bucket

High quality material selection for digging bucket, sturdy and durable, anti-corrosion and rust proof.



Axle

The loader axle, with its high-strength materials and reinforced structure, can withstand huge loads during heavy-duty operations. Meanwhile, its internally reinforced transmission components can efficiently transfer high torque, adapting to the operational characteristics of the loader to improve efficiency.



WARNING LIGHT

Capable of alerting surrounding personnel and equipment through flashing lights in complex work environments, adverse weather conditions and nighttime situations to avoid accidents such as collisions.

LINKS AND DRIVES

The lightweight articulated structure and shaft transmission design of the frame, the articulated centering arrangement, strong power, small steering angle and turning radius, better passing ability, and flexible operation





SPECIFICATION

Model		US	RL10
Basic parameters	External dimensions	184.865*63.04*97.712in	4692*1600*2480mm
	Rated bucket capacity	21.189ft³	0.6m³
	Rated load capacity	2645.520lb	1200kg
	Dumping height	98.5in	2500mm
	Unloading distance	27.58in	700mm
	Maximum driving speed	18.641mph	30km/h
	Maximum gradeability	30°	30°
	Steering angle	35°	35°
	Minimum ground clearance	9.06in	230mm
	wheelbase	82.74in	2100mm
	Track width	50in	1270mm
Tire Size	23.5-16	12-16.5	
Engine	Engine model	Changchai 390 Euro V or National II	Changchai 390 Euro V or National II
	Engine power	36.72hp	27kw

If it's easy maintenance you're looking for, take a look at the RL10

Engine cover

The engine hood opens backward and can be operated with one hand. There is no need to move back and forth on both sides of the vehicle, which facilitates maintenance and repair.



Structured layout

Open the engine hood, the internal layout is neat, all kinds of pipelines and harnesses are clear, daily inspection of oil, coolant, filter elements, etc. can be quickly reached without complex operation

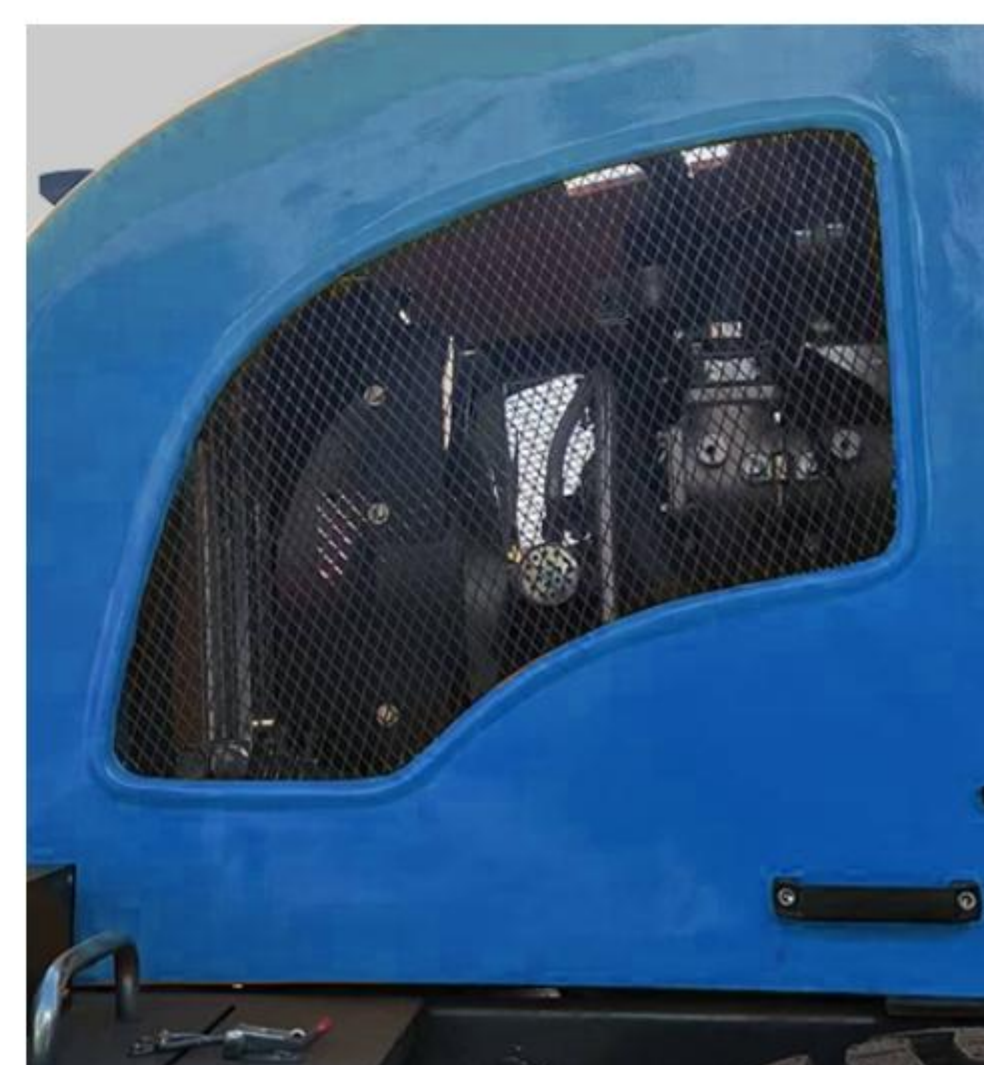
Hydraulic hose fitting

The joint structure is easy to disassemble and assemble, and the layout is regular, allowing maintenance personnel to quickly disassemble and install the oil pipes, check the internal conditions, and facilitating the inspection of the oil pipe status during maintenance.



Cabin protective net

The mesh structure enables air to circulate more freely, accelerating the heat dissipation from components such as the engine. It is visible, allowing for a general view of the status of internal components through the mesh holes, which facilitates daily inspection. At the same time, it can block larger foreign objects from entering the fuselage.



- 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.