



# RQ255 Crawler Excavator

High Quality, High Efficiency

**Operating Weight:** 25800kg

**Rated Power:** 145kW/2000rpm

**Bucket Capacity Range:** 1.3-1.45m<sup>3</sup>

## Power System

Equipped with high-performance Cummins B6.7 China IV engine, delivering a rated power of 145kW with strong power output.

It is equipped with exhaust after-treatment device, adopting "DOC+DPF+SCR" technical route, making exhaust emission cleaner and more eco-friendly.



## Hydraulic System

Main hydraulic components adopt Kawasaki configuration, which is reliable, durable and stable in performance.

It adopts multiple electric control priority valves and regeneration function, improving operation speed and action coordination.

Equipped with Kawasaki positive flow control system, intelligent variable control, precise control, energy-saving and efficient.

It can precisely regulate the main pump power and the action of each spool, maximizing the operation performance of the whole machine.



## Cab

Adopts mine-grade cab, meeting TOPS/ROPS safety operation requirements, comprehensively improving the driving safety and reliability during operation.

It features large operation space and excellent sealing performance, creating a brand-new driving experience.

Standard configurations include suspension seat, escape hammer, fire extinguisher, etc., which greatly enhance safety, comfort and reliability.

Optimized multi-function control panel for convenient operation.



## Multi-Function Attachments

Mine-reinforced working device, it can be adapted to multi-functional attachments such as breakers, steel grapples and clamshell buckets, expanding the functions of the excavator, realizing "one attachment for one working condition" to meet the operation requirements of different working conditions.

Standard equipped with 1.3m<sup>3</sup> mine rock bucket, optional large-capacity earthwork bucket.

Optimized bucket shape and cutting angle reduce digging resistance, making operation easier and more powerful. Smoother digging, improving the full bucket rate of operation, energy-saving and efficient.



## Cooling System

Adopts independent cooling technology driven by hydraulic pump, with optimized air duct design.

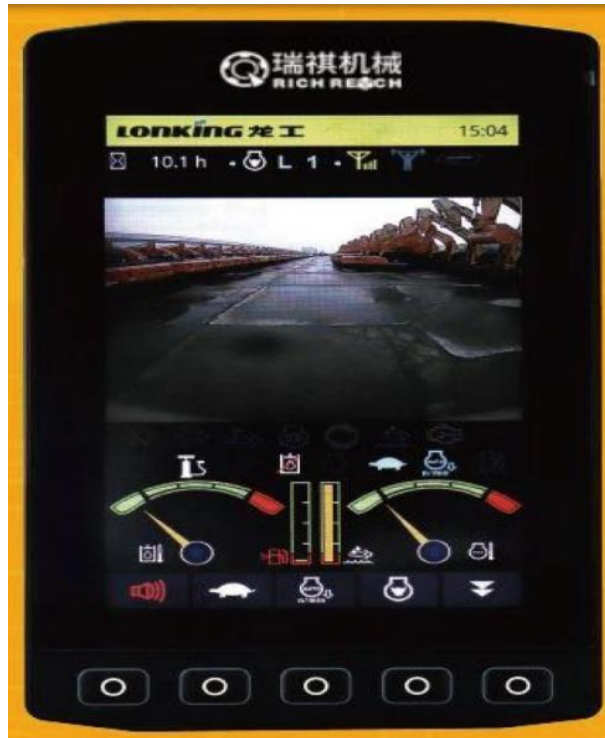
It effectively improves the utilization efficiency of the fan, reducing the power loss and noise of the fan.

Improving heat dissipation performance, saving fuel and oil, creating higher benefits for customers.

## Operation Modes

- **H Mode:** Heavy-duty mode, efficient and powerful, suitable for heavy-load operation.
- **S Mode:** Standard mode, fuel consumption priority, suitable for earthwork operation.
- **L Mode:** Light-duty mode, fine operation, suitable for light-load operation.
- **B Mode:** Breaker-specific mode, targeted for breaking working conditions.

It can be switched freely as needed.



## Applicable Scenarios

Mainly applicable to medium and large earthwork projects, urban renovation, port construction, mining and other various working conditions.





## Detailed Parameters

Item	Unit	Value
Operating Weight	kg	25800
Bucket Capacity	m <sup>3</sup>	1.3-1.45
Engine Model	-	Cummins B6.7
Engine Power	kw/rpm	145/2000
Fuel Tank Capacity	L	480
Main Pump Maximum Flow	L/min	2X234
Working Pressure	Mpa	34.8/37
Hydraulic Oil Tank Capacity	L	115/190
Maximum Digging Radius	mm	10223
Maximum Digging Height	mm	9569
Maximum Digging Depth	mm	6815
Maximum Dumping Height	mm	6555
Ground Maximum Digging Radius	mm	10036
Travel Speed (High/Low)	km/h	5.2/3.3
Swing Speed	n/min	10.4
Tail Swing Radius	mm	3138
Track Wheel Base	mm	3650
Track Gauge	mm	2580
Bucket Maximum Digging Force	kN	170/181
Arm Maximum Digging Force	kN	121/128

Transport Dimension (LxWxH)	mm	10144x3180x3391
-----------------------------	----	-----------------

Product Manager: Frida:+86 19355385977 Amy:+86 18297527921