



## RQ550 Crawler Excavator

High Quality, High Efficiency

**Operating Weight:** 51000kg

**Breaker Chisel Diameter:** 200mm

**Rated Power:** 296kW/1800rpm

**Standard Configuration:** 7m Boom, 2.5m Arm



### Power System

Equipped with original imported Isuzu 6WG1 engine, delivering a rated power of 296kW. It meets China IV emission standards, with sufficient power reserve, strong power output and stable performance.

The optimized control system achieves more reasonable power matching, making fuel combustion more sufficient and economy higher.

It is equipped with exhaust after-treatment device, adopting "DOC+DPF+EGR+VGS" technical route, making exhaust emission cleaner and more eco-friendly. No need for urea/AdBlue addition, which is convenient and economical.



## Hydraulic System

Adopts Kawasaki pump and valve configuration, matched with Kawasaki positive flow control system.

Precise matching, faster response speed and better control performance.

Main pump dual-pump convergence, large displacement, reliable structure and stable performance.

Main valve adopts large-bore main spool, with strong circulation capacity and low pressure loss, greatly reducing energy loss, effectively improving operation efficiency and comprehensive performance.

## Cab

Adopts skeleton-reinforced mine-grade cab, matched with high-strength tempered glass.

Standard equipped with full front and top guard nets, greatly improving the safety of mining operation.

The sealing structure is optimized and upgraded, reducing dust, water ingress and noise in the cab.



## Multi-Function Attachments

Mine-reinforced working device, optimized welding process, reinforced local high-stress parts, with strong operation ability with breaker and bucket.

For diverse construction operation requirements, it can be adapted to multi-functional attachments such as breakers and pile drivers, solving mining operation problems, creating more product value and benefits for customers.

Standard equipped with heavy-duty 7m boom and 2.5m arm, built-in multiple reinforcing ribs.

It can be equipped with 200mm diameter breaker chisel, with strong breaking impact force. Equipped with breaker-specific control program, matching the optimal parameters for breaking mode, achieving higher breaking efficiency.



## Cooling System

Hydraulic oil adopts independent cooling technology, keeping the whole machine temperature stable.

The fan speed is intelligently adjusted according to the oil temperature.

Good heat dissipation effect, low power loss, effectively reducing the noise of the whole machine.

The radiator is equipped with anti-clogging guard net, which is convenient for daily maintenance.

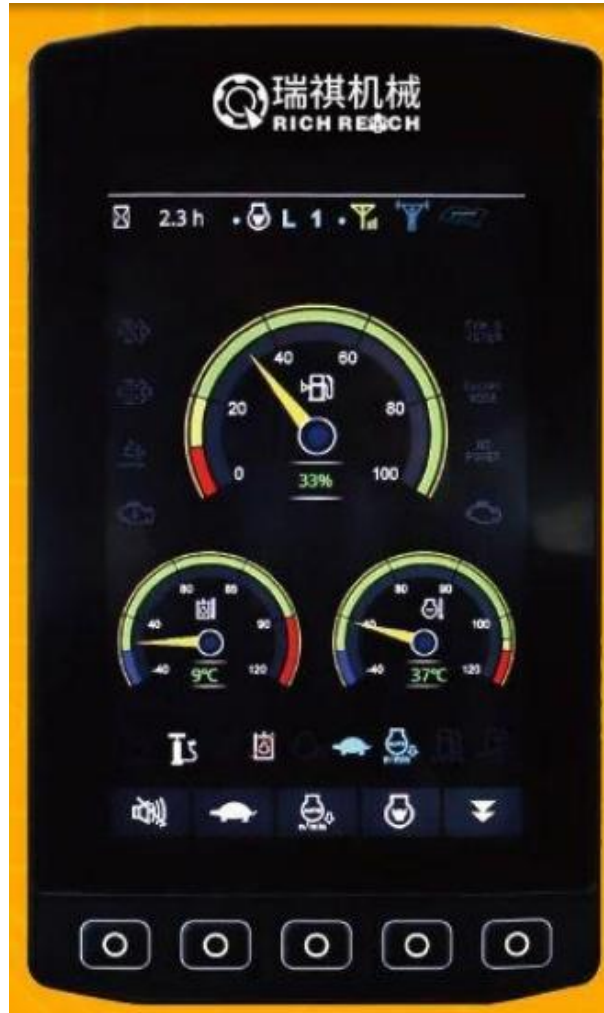


## Operation Modes

- **B Mode:** Breaker-specific mode, targeted for mining breaking working conditions.
- **H Mode:** Heavy-duty mode, suitable for harsh working conditions and heavy-load mining operation.

- **S Mode:** Economy mode, suitable for fuel-priority and light-load earthwork operation.
- **L Mode:** Light-duty mode, suitable for fine operation and light-load operation.

The driver can select the appropriate working mode according to the working condition requirements. The mode will be automatically saved after selection, and the mode remains unchanged when restarting.



## Applicable Scenarios

Mainly applicable to medium and large mining, crushing, large earthwork projects, rock stripping and other heavy-duty complex working conditions.



## Detailed Parameters

Item	Unit	Value
Operating Weight	kg	51000
Breaker Chisel Diameter	mm	200
Engine Power	kw/rpm	296/1800
Fuel Tank Capacity	L	680
Maximum Breaking Radius	mm	12695
Maximum Breaking Height	mm	12125
Maximum Breaking Depth	mm	8415
Travel Speed (High/Low)	km/h	5.3/3.0
Track Wheelbase	mm	4410
Track Gauge	mm	2740
Transport Dimension (LxWxH)	mm	12315x3360x3790

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