



# RQ335 Crawler Excavator

High Quality, High Efficiency

**Operating Weight:** 32800kg

**Rated Power:** 210kW/1900rpm

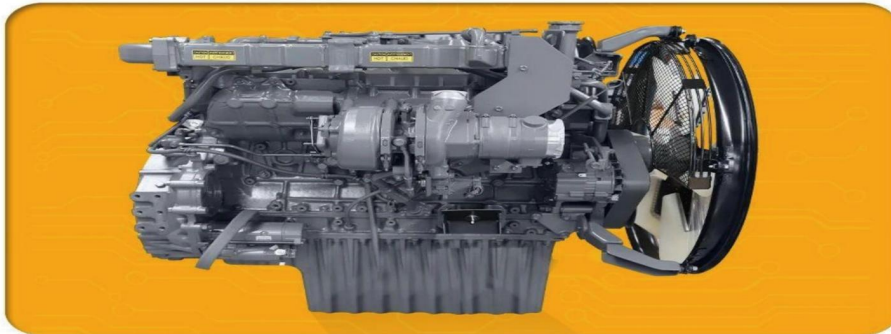
**Bucket Capacity Range:** 1.65-1.8m<sup>3</sup>

## Power System

Equipped with original imported Isuzu 6HK1 engine, delivering a rated power of 210kW. It meets China IV emission standards, with sufficient power reserve and strong power output.

The optimized control system achieves more reasonable power matching and higher fuel economy.

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

The whole machine adopts Kawasaki hydraulic configuration, matched with Kawasaki positive flow control system.

It optimizes power matching and refined control, with faster response speed and better control performance.

Large-bore main spool effectively reduces energy loss, which is highly efficient and energy-saving.

It can adapt to various harsh working conditions and refined control requirements, ensuring to maximize the system advantages.



## Cab

Adopts mine-specific cab with column guard, upgraded structural strength.

It has passed FOPS/ROPS safety certification, meeting the rollover protection requirements, making mining operation safer.



## Multi-Function Attachments

Mine-reinforced working device, optimized welding process, reinforced local high-stress parts.

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

Standard equipped with mine-specific 1.65m<sup>3</sup> rock bucket, with large capacity and higher efficiency. It adopts high-strength wear-resistant steel material, reducing wear and extending the service life of the bucket.

Optimized bucket shape design and digging cutting angle reduce digging resistance, improving digging efficiency and operation full bucket rate, which is labor-saving, efficient and energy-saving.

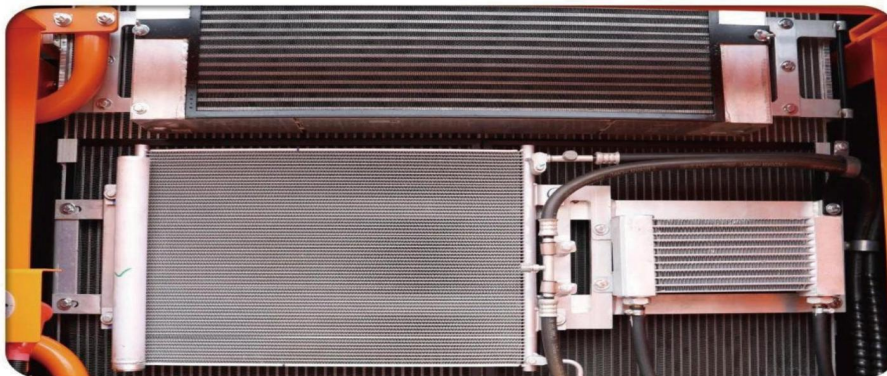


## Cooling System

Adopts new cooling technology, increasing heat dissipation area and optimizing air duct design.

The water cooling and oil cooling capacity are improved, keeping the equipment working at the optimal temperature all the time, effectively extending the service life of engine and hydraulic system.

Standard equipped with dust screen design, effectively preventing the radiator from being blocked by foreign matters, making maintenance convenient.



## Operation Modes

- **H Mode:** Heavy-duty mode, efficient and powerful, suitable for heavy-load operation.
- **S Mode:** Economy 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 mining, mine crushing, housing construction, river dredging and other medium and large heavy-duty working conditions.



## Detailed Parameters

Item	Unit	Value
Operating Weight	kg	32800
Bucket Capacity	m <sup>3</sup>	1.65-1.8
Engine Model	-	Isuzu 6HK1

Engine Power	kw/rpm	210/1900
Fuel Tank Capacity	L	600
Main Pump Maximum Flow	L/min	2X288
Working Pressure	Mpa	34.3
Hydraulic Oil Tank Capacity	L	300
Maximum Digging Radius	mm	10930
Maximum Digging Height	mm	10670
Ground Maximum Digging Radius	mm	10735
Travel Speed (High/Low)	km/h	5.2/3.4
Swing Speed	n/min	10
Tail Swing Radius	mm	3445
Track Wheel Base	mm	3930
Track Gauge	mm	2740
Bucket Maximum Digging Force	kN	220
Arm Maximum Digging Force	kN	170
Transport Dimension (LxWxH)	mm	10715x3190x3600

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