RQ385 Crawler Excavator

High Quality, High Efficiency

Operating Weight: 39300kg

Rated Power: 210kW/1900rpm

Bucket Capacity Range: 1.9-2.0m³

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

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

Standard equipped with top and front lower guard nets, effectively improving safety performance, 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 1.9m³ 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.

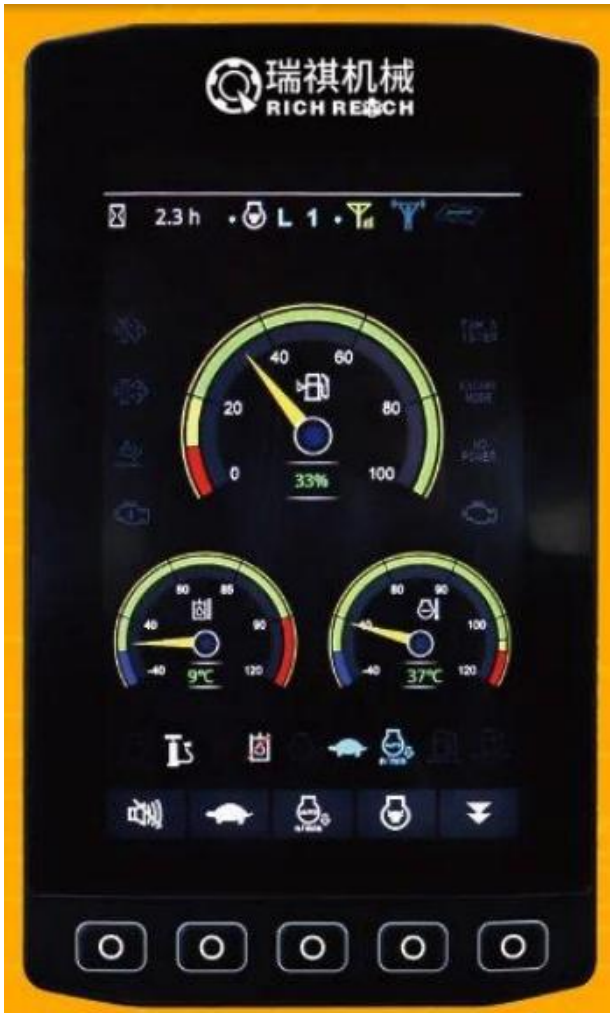
Standard equipped with dust screen design, effectively preventing the radiator from being blocked by foreign matters, making maintenance convenient.

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 medium and large earthwork loading, rock crushing, stripping, as well as mining and other heavy-duty working conditions.

Detailed Parameters

Item	Unit	Value
Operating Weight	kg	39300
Bucket Capacity	m^3	1.9-2.0
Engine Model	-	Isuzu 6HK1
Engine Power	kw/rpm	210/1900
Main Pump Maximum Flow	L/min	2X324
Working Pressure	Mpa	34.3/37
Maximum Digging Radius	mm	10765
Maximum Digging Height	mm	9965
Ground Maximum Digging Radius	mm	10550

Travel Speed (High/Low)	km/h	5.5/3.5
Swing Speed	n/min	8.8
Tail Swing Radius	mm	3680
Arm Maximum Digging Force	kN	210
Transport Dimension (L×W×H)	mm	11395×3190×3900

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