

We build a better future

Robex 35z-9

Equipped with Tier 3a engine



*Photo may include optional equipment.

Pleasure works

An operator, who takes pleasure in his work, does a better job. That is why we at Hyundai Heavy Industries do everything we can to make that happen. We merged operator preference, fast precision and lasting performance into a quality product. Hyundai's 9 series earthmoving equipment simply makes time fly, makes pleasure work!



*Photo may include optional equipment.

Machine Walk-Around

Robust Upper and Lower Frame

The structure of the upper frame is designed to absorb high stress and to resist inherent external influences. An X-type center frame and a reinforced box section track frame provide exceptional strength and longer service life to withstand tough working conditions.

Engine Technology

Powerful and reliable, Tier 3a / EU stage IIIa certified, fuel efficient Yanmar 3TNV88 engine. Electronically controlled, clean and efficient combustion. Low noise / anti-restart function.

Control System

Control devices are well located for increased operator's comfort and a higher productivity. A safety lever on the left side console is installed to prevent exiting the cabin with active hydraulic control levers.

Advanced Hydraulic System

The hydraulic system of the R35Z-9 is designed for fast operation combined with high controllability.

Comfortable and High-Strength Cabin

The spacious cabin is ergonomically designed, with low noise level and high visibility. Canopy & cabin frame are complying with international standard TOPS, ROPS & FOPS, for maximum protection of the operator.

Operators' Convenience

R35Z-9 cabin equipped with a suspension seat, foldable pedals and various storage space for advanced operator comfort. The monitoring system displays warning indicators, water temperature gauge, fuel gauge and hour meter to check the full status of the machine at a single glance.

Easy to Maintain

With open access of doors, covers and engine hoods, air cleaner and centralized grease fittings the machine is a pleasure to maintain.

Extended Life of Components

Long-life hydraulic filters, long-life hydraulic oil, long-lasting shims and long-lasting bushes are reducing operation costs.

Preference

An operator, who sets his machine to his needs, takes pleasure in his work. 9 Series respects operator preference with regards to comfort, ease-of-use and controllability.

Operators can fully customize their work environment and operating preferences to fit their individual needs.



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Dashboard

The dashboard of the R35Z-9 indicates the status of the machine like warnings of engine oil pressure, battery charge, engine coolant temperature and fuel gauges.

Comfortable Operating Cabin

In a 9 series cabin, you can adjust the seat, console and armrests to suit your preferred comfort level.

1. The pedals (travel - boom offset - attachment) are installed in a convenient position and can be folded in to gain extra foot space.
2. Different sizes of cup holders.
3. Operator's belongings can be stored in a lockable storage box under the seat.
4. Armrests to increase operator's comfort.
5. Slidable front window can be opened easily and is kept safely in open position (cabin Type)



Stressless

Work is stressful enough; your working environment should be stressless. Hyundai's 9 Series provides improved cabin interior and additional storage space to minimize the stress of the operator.

Operator Comfort

The left and right joysticks are ergonomically placed for convenient operation. The joysticks have enough space to install additional option switches. A safety lever is installed to prevent unexpected activation of the hydraulic attachments. When the safety lever is positioned upright, hydraulic functions are disengaged.



A tiltable left-side console make the operator easier to enter and exit the cab.



Precision

An operator, who feels his machine respond smoothly, takes pleasure in his work. 9 Series delivers fast precision by combining smoother hydraulics with wider view and less stress. Innovative hydraulic system technologies make the R35Z-9 excavator fast, smooth and easy to control.



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Offset Boom

With an offset function of the boom from 75° to the left side and 50° to the right side, the zero-tail machine is even more flexible to use on narrow jobsites.

Hydraulic System Improvements

To achieve optimum precision, Hyundai redesigned the hydraulic system to provide the operator with super fine touch and top level controllability.

Newly improved features include arm flow summation system and boom holding system, in order to save energy, prevent against cavitation, increase speed and to avoid the drop of attachments in neutral condition.



Structural Strength

The 9 Series cabin structure is designed with slimmer but stronger tubing for more safety and better visibility. Low-stress and high strength steel is welded to form a strong and stable lower frame. Structural durability is analyzed and tested by FEM-analysis (Finite Elements Method) and long-term durability tests.



Zero-tail Swing

R35Z-9's short tail swing radius allows the operator work in confined areas like close to buildings on roadways, and in urban areas. This compact radius design provides easy and efficient operation in any limited space work environment.



Yanmar 3TNV88

Tier 3a / EU stage IIIa certified, Yanmar 3TNV88 engine provides maximum power, reduced emissions, reliability and optimum fuel efficiency.

Profitability

An owner, who knows his machine saves money, takes pleasure in owning it. 9 Series excavators contribute to your business as a time, fuel, spare-part and cost saving earthmoving solution.



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Easy Maintenance Access

The R35Z-9 was built with accessibility in mind. All doors, covers and hoods are designed for full open accessibility. The R35Z-9 offers plenty of space to complete regular maintenance.



Easy to Change Air Cleaner

The R35Z-9 is equipped with a durable plastic air cleaner, designed for easy maintenance.



Extended Life of Components

By adopting long-life hydraulic filters (1000 hrs) and long-life hydraulic oil (5000 hrs) operation costs are reduced. Oil change intervals are extended to 250 operating hours and self-lubricating bushes and resin shims are applied.



Centralized Grease Fittings

Centralized grease fittings for faster and easier maintenance.

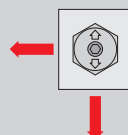


Lever Pattern Change Valve (option)

Joystick control pattern can be changed easily through a pattern change valve (2 different patterns).



Selector Valve for Single or Double Acting Piping



Lever direction
Vertical : Single acting piping (Breaker)
Horizontal : Double acting piping (clamshell)