

HD820-R5

Progress to the Next Stage

KATO

FULLY HYDRAULIC EXCAVATOR

REGZM

FULLY HYDRAULIC EXCAVATOR

HD820-R5

Bucket capacity : 0.8m³-0.9m³ (ISO)
Engine output : 113kW / 2,000min⁻¹ (ISO Net)
Operating weight : 20,500kg

EQUIPMENT

- Color monitor display (APC300)
- Auto-slow, one touch slow
- Working mode selector (APC300)
- 2 speed modes for traveling
- Automatic transmission for traveling
- Pull up front window
- 6 points viscous dumpling cab
- Double slide operator seat
- Seat suspension adjustable to operator's weight
- Intermitted windshield wiper
- Emergency exit rear window
- Cabin light
- Boom / Arm Anti-drift valve
- Service port (1 spool)
- 2 std working light
(Slewing table right side, boom left side)
- Automatic parking brake (slewing)
- Automatic parking brake (traveling)
- 24 volt power supply
- Rear view mirror (right side)
- Track guard (1 pc each side)
- 2 holes front window washer
- Automatic air conditioner (pressurized)
- Hot & cool box
- AM / FM radio
- 13 cm dual corn speaker x2
- Air cleaner double element
- Pre-cleaner
- Tool set
- Various type of rainforced arm
- Seat-belt
- 2 ways option piping (for breaker & crusher)



● Contact for enquiry:

NOTE : Illustrations may include optional equipment. KATO products and specifications are subject to improvements and changes without notice. Mentioned figures are approximate.

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Option specification

A high-grade excavator looking at the future

REGZM

HD820-R5



- **Reliable Mitsubishi 4M50TL engine is mounted**

Through the optimization of the engine control system, the fuel efficiency is increased by 5% in the most commonly used operation area.

- **The APC300 system has the excellent operability**

Through switching between the three modes, choose the most optimum mode of operation according to different working conditions.

- **Stronger power**

Increases the digging force by 10% (compared to HD820R).

- **The fuel filtration system is enhanced**

- **Efficient machine construction and configuration design making the maintenance and safety better**

Improve engine oil filter and fuel filter configurations. Equipped with battery disconnect switch.

Better maintainability and safety Establish a long-term stability of the machine



▲ Engine oil filter configuration is more efficient
The filter can be replaced without go through under the body with better maintainability and safety.



▲ The fuel tank is equipped with a discharge cock



▲ Equipped with battery disconnect switch



▲ Cooler
The oil cooler and the intercooler and the radiator are arranged parallel to make the cooling effect better.



▲ Fuel filter
By arranging the triple filters in the same position to improve the efficiency of replacement. Easy to access and improve safety.



▲ Large capacity toolbox equipped with air pressure spring



▲ New air pre-filter that does not require the special maintenance

● The fuel tank is increased to 400L

● Common rail electronic control fuel system



Common rail electronic control fuel system further enhances fuel efficiency More energy efficient and more environmentally friendly

High efficiency and low fuel consumption and low noise Mitsubishi 4M50-TL engine

- High output power engine with intercooler and turbocharger
 - Max. output power : **113kW / 2,000min⁻¹** (ISO Net)
 - Max. torque : **607N·m / 1,500min⁻¹** (ISO Net)
 - Fuel consumption : **215g / kW·h**

Latest APC300 with various functions



- Able to set maintenance term for filter and oil.
- Hour meter function is adopted.
- Adopt "P mode" (Pro Mode). P, A and E mode operation method are selectable.
- Emergency backup switch is equipped for in case of APC malfunction.



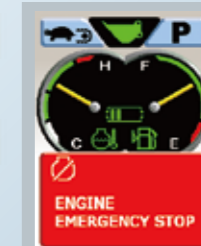
▲ Hour meter
The location of hour meter is improved so as to confirm conveniently from outside of the cab.



◀ Initial confirmation screen



◀ When the monitor fails



◀ When engine emergency stop switch is operated

P Mode

Pro mode established both power and good response.

A Mode

All-round mode is ideal for general operation.

E Mode

ECO mode for economical works.

Auto-slow mode

Auto-slow mode controls the engine to ideal engine speed automatically and save the fuel consumption.



