

SUMITOMO

SH330-5
SH330LC-5
SH350HD-5
SH350LHD-5

| |
|---|
| ■ Engine Rated Power(Net) : 202 kW·274 PS |
| ■ Operating weight : |
| SH330-5 33,400~34,100 kg |
| SH330LC-5 34,000~34,800 kg |
| SH350HD-5 35,600~36,300 kg |
| SH350LHD-5 36,100~36,900 kg |
| ■ Bucket Capacity(ISO heaped) : 1.15~1.8 m ³ |



SUMITOMO (S.H.I.)
CONSTRUCTION MACHINERY
MANUFACTURING CO., LTD.

731-1 Naganumahara-cho, Inage-ku, Chiba, 263-0001 Japan
For further information please contact: Phone : +81-43-420-1796 Facsimile : +81-43-420-1907
We are constantly improving our products and therefore reserve the right to change designs and specifications without notice. Illustrations may include optional equipment and accessories and may not include all standard equipment.

LEGEST





MADE IN JAPAN

The world knows that Japanese design and manufacturing is the best especially for industrial products. The hydraulic excavator is not the exception when a total integration concept is required in design work involving key components, manufacturing engineering and product quality assurance in the factory.

All SUMITOMO hydraulic excavators are engineered and assembled SUMITOMO's its one and only factory located in Chiba City, Japan, and distributed to each country in the world. This distinctive feature is unique to SUMITOMO, giving the SUMITOMO machine users total comfort and reliance on product quality.

(Note: Some of the items manufactured and sourced in other countries may be assembled in Japan.)

• The new engine complies with the Emission Regulations U.S. EPA Tier III, and EU Stage IIIA.

• The advanced low noise design complies with the upcoming EU noise regulation 2000/14/EC, STAGE II.

Engine and Hydraulics 04 - 07

- SPACE 5
- SIH'S
- New working mode

Durability 08 - 09

- Stronger boom and arm
- Durable bucket
- Ridged swing frame
- Undercarriage

Maintenance 10-11

- High performance hydraulic return filter
- Fuel tank
- Engine oil drain coupler
- Ground level maintenance

Operator Comfort 12 - 13

- Spacious cabin
- Comfortable operator's seat
- Message display from LCD monitor

Safety 14

- Optimised view from cabin
- High -rigidity cabin structure

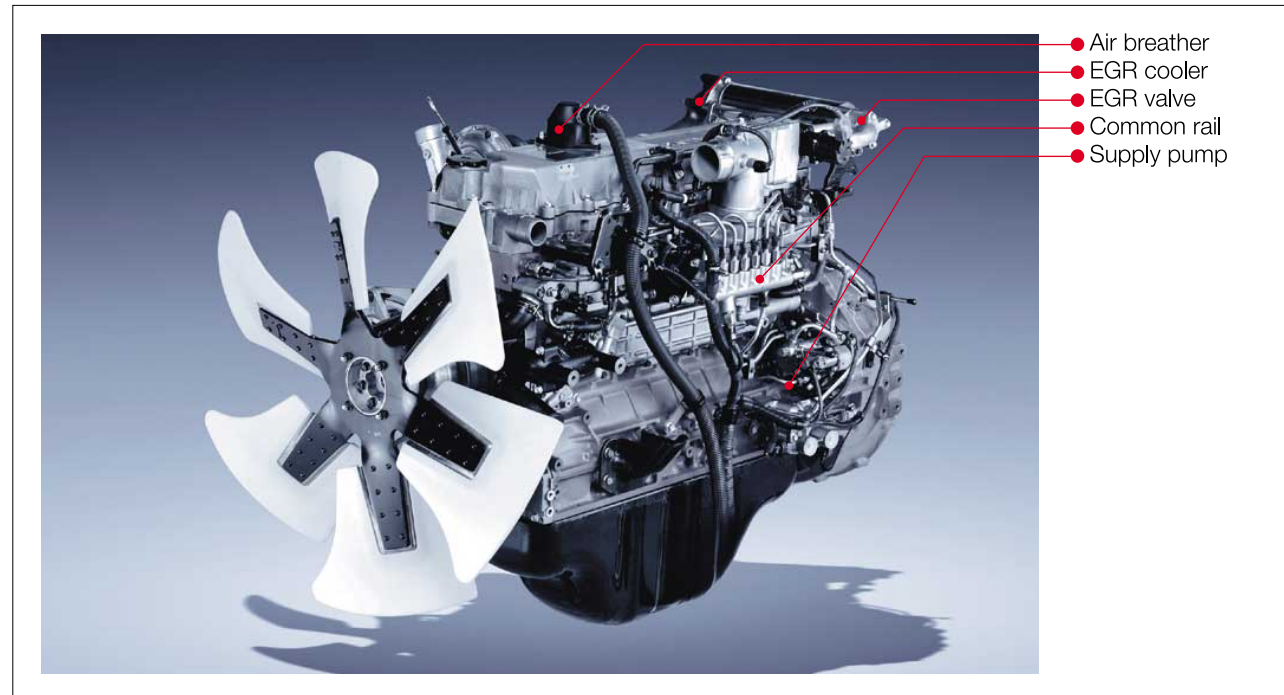
Customer and Product Support 15

Specifications 16 - 27

Engine and Hydraulics



① Powerful ② Economy ③ Clean ④ Silent ⑤ Strong
 "SPACE5" is a new engine system consisting of five (5) special features.



Engine

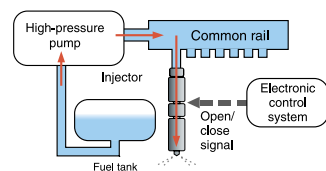
A newly developed ISUZU engine the 6HK1X complies with Emission Regulations U.S. EPA Tier III and EU Stage IIIA. This produces higher output and torque, and far better fuel consumption than the previous model. 5% reduction in fuel consumption using the new engine system "SPACE5" (As compared with existing models)

Engine

| SH330(LC)-5/SH350HD(LHD)-5 | |
|-------------------------------------|-----------------------------------|
| Name of engine | ISUZU-6HK1XYSS |
| Type | 24-valve OHC |
| Displacement | cc 7,790 |
| Number of cylinders - Dia. x Stroke | mm 6-115 x 125 |
| Rated output | kW/min ⁻¹ 202/2,000 |
| Max. torque | N·m/min ⁻¹ 1,080/1,500 |
| Size (Length-Width-Height) | mm 1,357-995.4-1,162.5 |
| Cylinder block | Ladder frame |
| Fan belt | V-Belt |

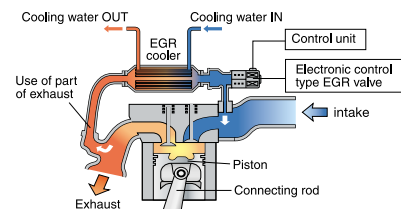
Common Rail Type High-Pressure Fuel Injection System

The system is equipped with a common rail type high-compression fuel injection system, which permits high-precision injection from multiple injectors under ultra high-pressure of more than 1600 atm. Precise control of injection time and injection quality at the rate of 1/1000 second optimizes combustion, improves combustion efficiency, and reduces PM (particulate matter) substantially.



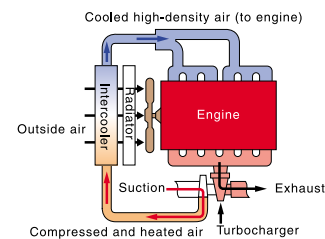
Cooled EGR System

The EGR (Exhaust Gas Recirculation) mixes exhaust gas, which is once exhausted, with the air intake that is taken in so as to lower the combustion temperature, thereby reducing NOx (nitrogen oxide). Adoption of the cooled EGR system, in which a water cooler is installed in the middle of the re-circulation pipe, permitting further decrease in the intake temperature, ensuring a better NOx reduction effect than the ordinary EGR.



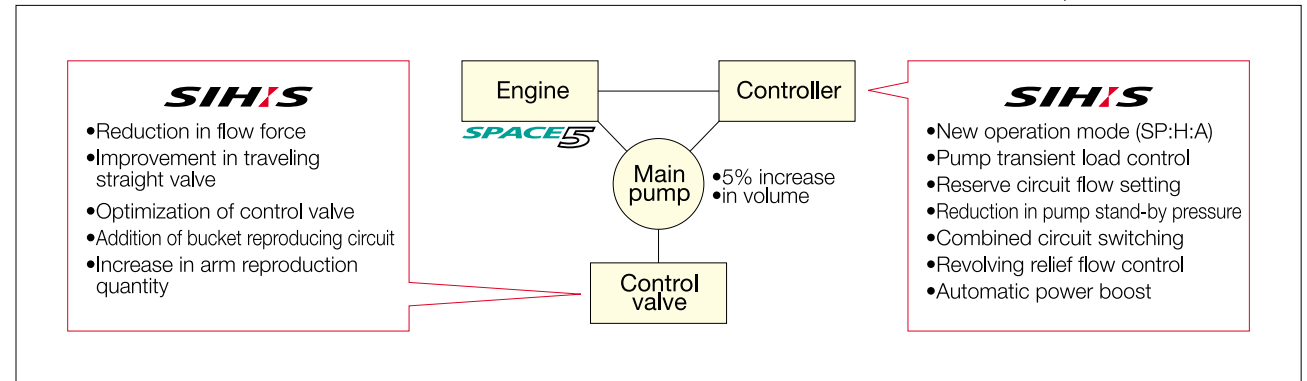
24 valve OHC Turbo Engine with Inter-Cooler

When the inter-cooler cools the intake air, which is compressed by a turbocharger and has reached a high temperature, the density of the air increases and the suction efficiency increases. Therefore, NOx and PM can be reduced substantially, permitting high output and improvement of fuel efficiency simultaneously.



● **33%** increase in bucket closing speed

* As compared with SH330/350HD-3B



SP (Speed Priority mode) SUMITOMO unique design

SP "Speed Priority" mode has been developed, which is not available in competitors models nor in our previous model. This will create biggest productivity in its class with more economical fuel efficiency even in comparison with the Heavy mode of our previous model. In addition, the throttle control is simple to use.

● SP mode: **3%** increase in workload
 * As compared with SH330/350HD-3B

Automatic Power Boost SUMITOMO unique design

The digging power increases automatically in quick response to the working conditions without switching operations during heavy -duty digging work. It is SUMITOMO'S original design and continues for 8 seconds.

Quick and Smooth Control Response

A total review of the hydraulic circuit and miscellaneous hydraulic settings guarantee speedy and precise operation through a smooth control lever.

Multifunctioning Capability for Upper and Travel Operation

With the new hydraulic circuit, travel motion slowdown will not be experienced even during the combined operation of attachment and swing motion when traveling.



Engine and Hydraulics


The integration of the new engine system "SPACE 5" and new hydraulic system "SIH:S" has created 5% fuel efficiency improvement in comparison with our conventional model.

New engine system



+

New hydraulic system



||

5% reduction in fuel consumption compared to SH330/350HD-3B (H mode)

*The fuel consumption may vary from time to time depending on site and working conditions, operator skill and other circumstances.

Greater productivity and increased working efficiency



Hydraulic Oil Flow Control

SUMITOMO unique design

In the case of sudden lever movement and high load activation, the newly developed hydraulic control system reduces the main pump oil flow intentionally and keeps the engine speed at a constant level. This enables a reduction in fuel consumption. In addition, this also reduces the level of exhaust smoke due to excessive fuel injection.

Reduction of Hydraulic Oil Flow at Swing

SUMITOMO unique design

The hydraulic oil quantity required at the time of sudden swing motion is limited. The new hydraulic system can start the oil flow volume at the minimum level and then allow it to increase on demand. This optimum oil flow control significantly improves the fuel efficiency.

Reduction in Pump Stand-by Pressure

SUMITOMO unique design

Reducing pump oil flow pressure during stand-by minimizes the load on the engine. This also improves fuel consumption.

Increased Pump Efficiency

The new modified hydraulic pump structure lowers the oil leak volume in the pump which means improved pump efficiency and improved engine fuel efficiency.

Mode Selection by Throttle

Mode selection by pressing the button in our previous model sometimes cause inconveniences for the operator. The throttle control system has been upgraded and the new system "A" mode which stands for "Adjustment Mode" now covers the 3 previous modes of "Auto, Standard and Light". In addition there is "H" (Heavy) mode and "SP" (Speed Priority) mode, and the hydrostatic pump oil flow will be regulated automatically in each of the 3 modes respectively.

The SP mode is added to the operation mode. Furthermore, the A (Adjustment) mode is added to the SP and H modes, respectively. In comparison with the H mode of Dash 3, the H mode of Dash 5 has reduced the fuel consumption by 5% as compared with Dash 3.



| Throttle knob position | 1 | 2 | 3 | 4-15 |
|------------------------|-------|-----------|-------|-----------|
| Engine speed | 1,900 | 1,800 | 1,700 | 1,699-900 |
| Operation mode | SP | H | | A |
| Automatic power boost | | Automatic | | Constant |

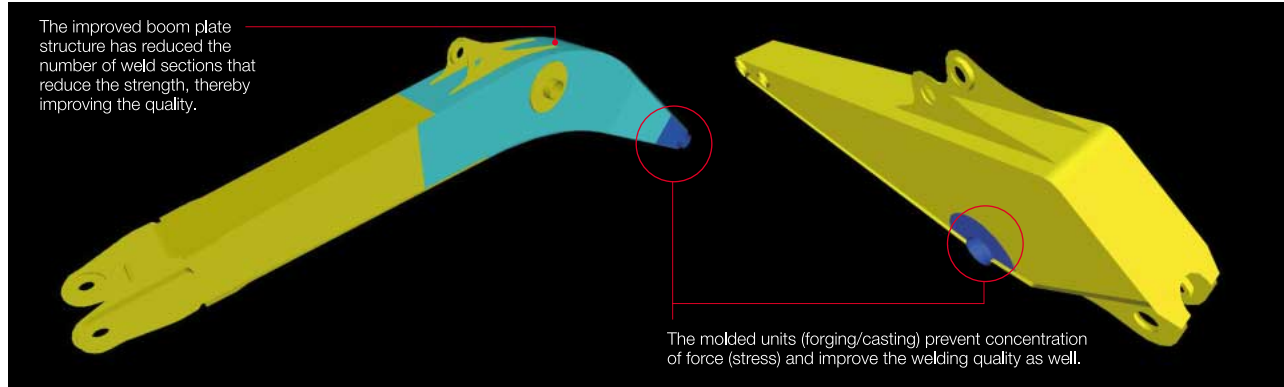
| SH330/350HD-3B | | SH330/350HD-5 | |
|----------------|--|-------------------------------------|--|
| H | HEAVY (Speed priority) | Reduction in fuel consumption by 5% | H HEAVY (Simultaneous pursuit of speed and fuel efficiency) |
| A | AUTO (Simultaneous pursuit of speed and fuel efficiency) | Same level in fuel consumption | A (13 steps) ADJUSTMENT (Ordinary operation / Fine operation / Lifting operation) |
| S | STANDARD (Fuel priority) | | |
| L | LIGHT/LIFT (Fine operation / Lifting operation) | | |
| | | | SP SPEED PRIORITY |

↑ Working speed

Durability

Boom & Arm

1. The boom structure is 2 pieces.
2. High strength castings are used for the boom base and arm foot.
3. Thicker steel plate is used for added strength.

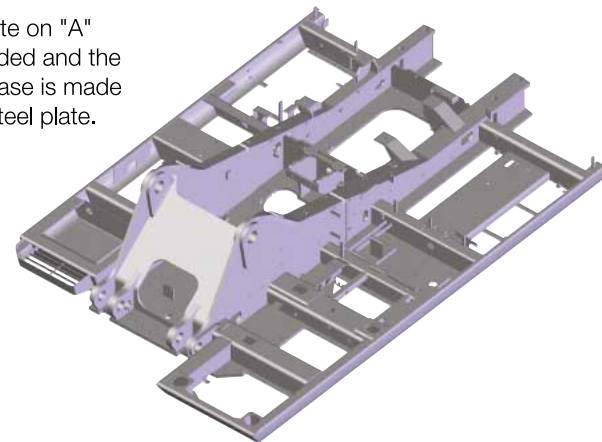


General Purpose Buckets



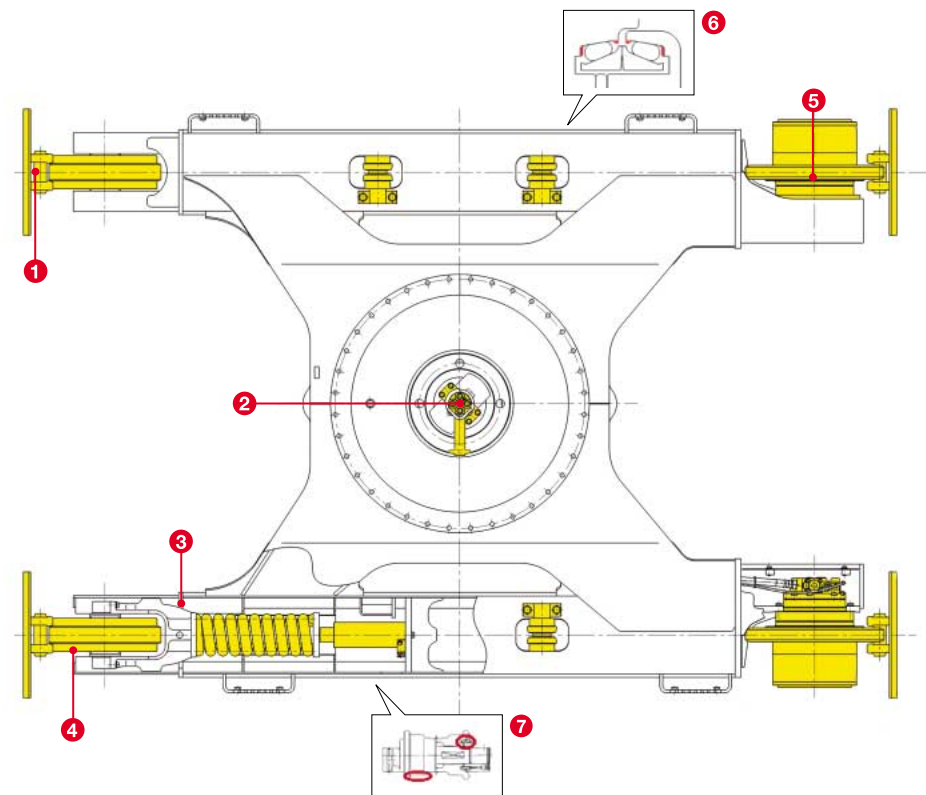
Swing Frame

Reinforced plate on "A" frame is extended and the swing frame base is made in one-piece steel plate.



Undercarriage

- 1 Link shoe**
M-type seal increased pin hardness
- 2 Center joint**
Prevention of bolt loosening
- 3 Recoil spring**
Use of high hardness material
- 4 Idler**
Reinforced boss
- 5 Travel motor**
Improved seal
- 6 Carrier roller**
Tread machining addition of jaw
- 7 Track roller**
Tread machining addition of jaw prevention of bolt loosening



Heavy duty applications for SH350HD(LHD)-5



Maintenance

High-Performance Return Filter

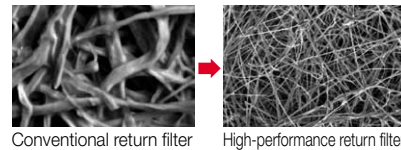
The hydraulic oil change interval is 5,000 hours, and the return filter change interval is 2,000 hours. One high performance return filter keeps the same level of filtering effect as a nephron.

- Hydraulic oil change : **5,000 hours**
- Life of filter : **2,000 hours**

* The oil and filter change interval depends on the working conditions.

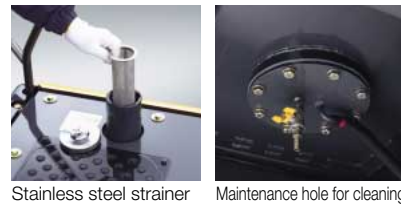


The High-Performance Return Filter is made more precisely to condense the Nephron filter function.



Fuel Tank

Stainless steel is used for the strainer that prevents dust entering during refueling. Furthermore, a maintenance hole is provided to permit easy periodical maintenance.



Engine Oil Drain Coupler

The engine oil pan is provided with a drain coupler. This makes easier to do drain work and preventing oil from spattering with an attached drain hose.



EMS (Easy Maintenance System) as Standard

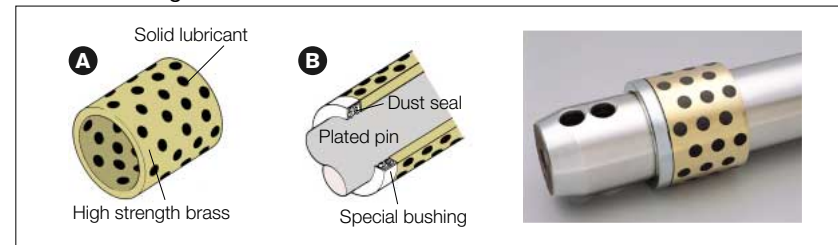
SUMITOMO's new improved EMS keeps the pins and bushes fully lubricated at all times and prevents rattling. This system significantly extends the service life of the pins and bushes.

The interval of greasing around the bucket is 1,000 hours, keeping the joints lubricated for a long time and extending the service life of parts by reducing abrasion and rattling.

- Greasing interval for other sections : **1,000 hours**

* The greasing interval depends on the working conditions.

EMS bushing



Ⓐ A solid lubricant embedded in high strength brass forms a layer on the bushing surface to prevent contact between metals, maintaining an excellent lubricated state to reduce abrasion of joints.

Ⓑ The surface of the pin is plated to increase the surface hardness and improve the wear resistance accordingly.



Precautionary use of EMS

- ① Grease is enclosed, however, greasing is necessary every 1000 hours or six months depending on the level of dusting conditions.
- ② Greasing is also necessary after any components have been submerged underwater for prolonged periods.
- ③ Greasing is also recommended after use with hydraulic breakers, crushers or other high impact attachments such as Rock Saws etc.
- ④ Bucket pins should be cleaned thoroughly when removing or attaching new buckets.

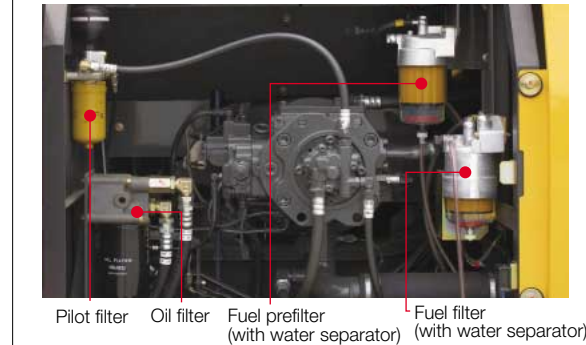
Ground Level Access to Engine Area Improves Preventative Maintenance.

Parts cleaning and maintenance are possible from the ground without climbing onto the upper structure of the excavator body.



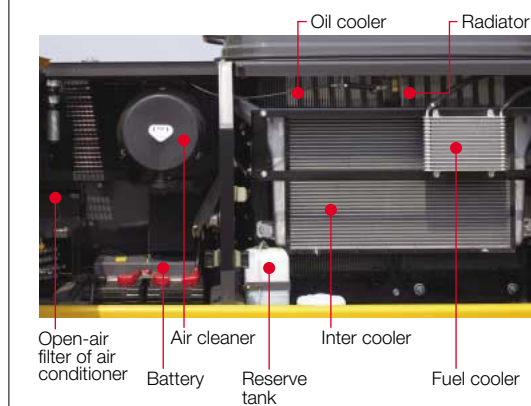
•Remote fuel and oil filters

A fuel prefilter is provided as standard equipment to reduce the likelihood of fuel clogging. In addition, the fuel and oil filters are installed at ground-accessible locations to facilitate replacement.



•Parallel installation of radiator and oil cooler

The radiator and the oil cooler are installed in parallel, and a space is provided at the front of the inter cooler to facilitate cleaning.



•Engine maintenance steps

The engine room designed to permit safe maintenance.



Operator Comfort

SUMITOMO's Redesigned Cabin and Seat for Optimum Operator Comfort

The seat reclining system allows the operator to lay the seat flat and to rest on site without removing the headrest.



Operating Positions of Sliding Seat and Tilting Console

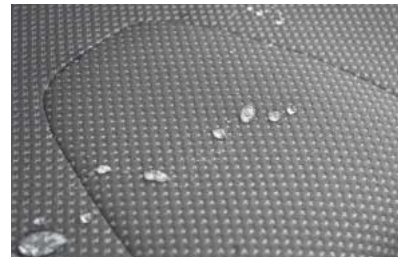
In addition to the tilting console that is adjustable in four steps vertically, the increased sliding distance ensures optimum working conditions.



New Water-repelling Operator's Seat

SUMITOMO unique design

A rainwater and dust-resistant, water-repelling operator's seat has been adopted.



The Suspension Seat Eliminates Vibration



Air suspension (Option)

Simple to Read LCD Monitor and Switch Panel

In addition to the monitor that is easy to read during daytime as well as nighttime by changing the backlight to white, a simple and convenient universally designed switch panel is provided.



Warning message

1. OVER HEAT
2. ALTERNATOR
3. LOW FUEL
4. LOW OIL PRESSURE
5. LOW COOLANT
6. ELEC.PROBLEM
7. OVER LOAD (option)
8. AIR FILTER
9. CHECK ENGINE
10. BOOST TEMP. HIGH
11. CHECK BREAKER FILTER (option)

Active condition message

1. ENG.PRE HEAT
2. AUTO WARM UP
3. ENG.IDLING
4. POWER UP
5. ENGINE STOP

Language menu

| | |
|------------|--------------|
| Japanese | Danish |
| English | Norwegian |
| Thai | Swedish |
| Chinese | Finnish |
| German | Turkish |
| French | Arabic |
| Italian | Malay |
| Spanish | Indonesian |
| Portuguese | (Pictograph) |
| Dutch | |

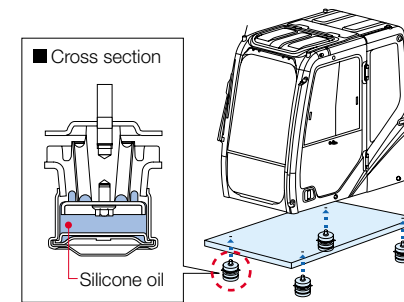
Flow Setting in 10 Patterns and Switching of Combined Circuit

The switch panel in the cab permits setting the flow rate for work with a maximum of ten different special attachments in advance. A circuit change for the breaker and crusher is also possible in the cab.



Fluid Filled Cab Mounts

Four fluid cab mounts reduce vibration and impact transmitted to the cabin, and improve the operators' sitting quality and reduce operator fatigue.



Automatic Air Conditioner with Round Outlets for Increased Comfort

The air outlets of the air conditioner are provided with round grills with wide adjusting angles. The efficiency of the air conditioner has been increased by pressurizing the cab to make it airtight, providing a comfortable space.



ISO-compliant Pressurized Cab to Prevent Dust Entry

The sealed and pressurized (sealing by pressure) cab prevents entry of dust from outside.

Convenient One-touch Muting of AM/FM Radio

SUMITOMO unique design

An AM/FM radio is provided as standard equipment. The mute switch on the left lever permits one-touch muting of the radio.



The wide view increases the safety of work

SUMITOMO unique design

In addition to the wide front view, the down-right view is also made larger to enhance the safety of work.



Anti-theft Alarm System

SUMITOMO's unique anti-theft system can be activated by your SUMITOMO distributors at the time of purchase.



Anti-theft alarm system

Safety Equipment in case of an Emergency



Emergency stop switch

New Gate Lock Lever and Console Tilt-up Function

The console tilt-up function permits easy entry and exit.



Safe and Easy Entry into and Exit from the Cab

A large handrail for easy opening/closing of the door and a non-slip plate are installed to permit the operator to get in and out of the cab easily.



Large handrail



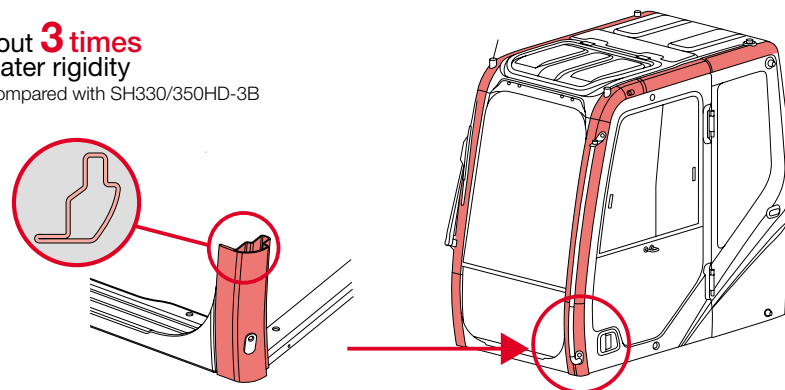
New non-slip plate

High-rigidity Cabin

The new cabin structure provides advanced operator protection.

• About **3 times** greater rigidity

* As compared with SH330/350HD-3B



Easy Access to the Upper Structure

A large step and handrail, as well as a non-slip place, minimize the effort when climbing on and off the upper structure.



Front-right large step



Non-slip plate



ISO-compliant large handrail

SUMITOMO's total commitment to product and customer support has enabled it grow into a world renowned manufacturer of hydraulic excavators. Supported by a global sales and service network of over four hundred distributors representing hydraulic excavators manufactured by SUMITOMO, the company supply 70% of total production from Japan to all five continents.

A spread of over one thousand outlets offering excellent parts and service support has global coverage ensuring SUMITOMO hydraulic excavator users have at their disposal Regional Spare Parts Centers, technical repair shops and service vehicles carrying all the necessary equipment to service and repair any hydraulic excavator manufactured by SUMITOMO.

SUMITOMO aims to produce the right products to meet all work applications and at the same time provide the highest level of more training and education to ensure complete product support quality throughout the service network in the world.



Specifications

SH330(LC)/350HD(LHD)-5 Technical Data Engine

| SH330(LC)-5/SH350HD(LHD)-5 | |
|----------------------------|---|
| Model | ISUZU AH-6HK1XYSS |
| Type | Water-cooled, 4-cycle, diesel, 6-cylinder in line, direct injection (electric control), turbocharger with air cooled intercooler. |
| Rated output | 202 kW · 274 PS/2,000 min ⁻¹ |
| Maximum torque | 1,080 N·m at 1,500 min ⁻¹ |
| Piston displacement | 7,790 cc |
| Bore and stroke | 115 mm x 125 mm |
| Starting system | 24 V electric motor starting |
| Alternator | 24 V, 50 A |
| Fuel tank | 580 liters |
| Air filter | Double element |

SIH:S

Two variable displacement axial piston pumps, one gear pump for pilot controls and the electronic-controlled engine of SPACE5 and SIH:S (SUMITOMO Interigent Hydraulic System) includes: three working mode (SP,H,A) one-touch/automatic idling system and automatic power-boost.

Hydraulic pumps

Two variable displacement axial piston pumps supply power for attachment, swing and travel.

| SH330(LC)-5/SH350HD(LHD)-5 | |
|----------------------------|--------------------|
| Maximum oil flow | 2 x 290 liters/min |
| Pilot pump max.oil flow | 30 liters/min |

Hydraulic motors

For travel: Two variable displacement axial piston motors
For swing: One fixed displacement axial piston motor

Working circuit pressure

Boom/arm/bucket34.3 Mpa(350 kgf/cm²)
Boom/arm/bucket37.3 Mpa(380 kgf/cm²)with auto power-up
Swing circuit30.4 Mpa(310 kgf/cm²)
Travel circuit34.3 Mpa(350 kgf/cm²)

Control valve

With boom/arm holding valve
One 4-spool valve for right track travel, bucket, boom and arm acceleration
One 5-spool valve for left track travel, auxiliary, swing, boom acceleration and arm

Oil filtration

Return filter 6 microns
Pilot filter 8 microns
Suction filter 105 microns

Hydraulic cylinders

| SH330(LC)-5/SH350HD(LHD)-5 | | |
|----------------------------|---|---------------------------|
| Boom | 2 | 145 mm x 100 mm x 1495 mm |
| Arm | 1 | 170 mm x 120 mm x 1748 mm |
| Bucket | 1 | 150 mm x 105 mm x 1210 mm |

Double-acting, bolt-up-type cylinder tube-end; hardened steel bushings are installed in the cylinder tube and rods ends.

Cab & Controls

The cab is mounted on 4 fluid mountings. Features include safety glass front, rear and side windows, reclining/sliding cloth upholstered suspension seat with headrest and armrest, cigarette lighter, pop-up skylight window, and intermittent wiper with washer. The front window slides upward for storage, and the lower front window is removable. Control levers are located in 4 positions with tilting control consoles. Reliable soft-touch switches are a standard feature. An easy-to-read full-dot LCD monitor keeps operation in touch with critical machine functions.

Swing

Planetary reduction is powered by an axial piston motor. The internal ring gear with has a grease cavity for pinion. The swing bearing is a single-row shear type ball bearing. Dual stage relief valves are used for smooth swing deceleration and stops. A mechanical disc swing brake is included.

| SH330(LC)-5/SH350HD(LHD)-5 | |
|----------------------------|-------------------------|
| Swing speed | 0~9.8 rpm |
| Tail swing radius | 3,450 mm |
| Swing torque | 112 kN·m · 11,420 kgf·m |

Undercarriage

An X-style carbody is integrally welded for strength and durability. The grease cylinder track adjusters have shock absorbing springs. The undercarriage has lubricated rollers and idlers.

Type of shoe: sealed link shoe

Upper rollers -

Heat treated, mounted on steel bushings with leaded bronze casting, sealed for lifetime lubrication.

Lower rollers -

Heat treated, mounted on steel bushings with leaded bronze casting, sealed for lifetime lubrication.

Track adjustment -

Idler axles adjusted with grease cylinder integral with each side frame; adjustment yoke mechanism fitted with heavy duty recoil spring.

Number of rollers and shoes on each side

| SH330-5/SH350HD-5 | |
|-------------------|----|
| Upper rollers | 2 |
| Lower rollers | 7 |
| Track shoes | 45 |

| SH330LC-5/SH350LHD-5 | |
|----------------------|----|
| Upper rollers | 2 |
| Lower rollers | 8 |
| Track shoes | 48 |

Travel System

Two-speed independent hydrostatic system with compact axial motors for increased performance. Hydraulic motor powered output shaft coupled to a planetary reduction unit and track sprocket. All hydraulic components mounted within the width of side frame. Travel speed can be selected by switch panel. Hydraulically released disc parking brake is built each motor.

| SH330(LC)-5/SH350HD(LHD)-5 | | |
|----------------------------|---------------|----------|
| Travel speed | High | 5.5 km/h |
| | Low | 3.5 km/h |
| Drawbar Pull | 265 kN/264 kN | |

Lubricant & Coolant capacity

| SH330(LC)-5/SH350HD(LHD)-5 | |
|--|------------|
| Hydraulic system | 350 liters |
| Hydraulic oil tank | 175 liters |
| Fuel tank | 580 liters |
| Cooling system | 30 liters |
| Final drive case(per side) | 9.5 liters |
| Swing drive case | 7.9 liters |
| Engine crank case (with remote oil filter) | 38 liters |

Auxiliary hydraulic system

| SH330(LC)-5 | | | |
|--------------------------------|----------------|---------------------------------------|----------------------------------|
| Auxiliary piping type (option) | For Breaker | For Double (breaker & crusher) acting | For D/A + Second option line STD |
| Arm type | STD | STD with Reinforcement plate | STD with Reinforcement plate |
| Bucket linkage type | HD | HD | HD |
| Auxiliary hydraulic pump flow | 290 liters/min | 580 liters/min | 580 liters/min+63 liters/min |

| SH350HD(LHD)-5 | | | |
|--------------------------------|-----------------------------|---------------------------------------|----------------------------------|
| Auxiliary piping type (option) | For Breaker | For Double (breaker & crusher) acting | For D/A + Second option line STD |
| Arm type | HD with Reinforcement plate | HD with Reinforcement plate | HD with Reinforcement plate |
| Bucket linkage type | HD | HD | HD |
| Auxiliary hydraulic pump flow | 290 liters/min | 580 liters/min | 580 liters/min+63 liters/min |

Bucket

| Model | SH330(LC)-5 | | | | | SH350HD(LHD)-5 | | |
|---|---|---------------------|---------------------|----------------------|---------------------|---------------------|----------------------|----------------------|
| | Bucket capacity (ISO/SAE/PCSA heaped) unit:m ³ | 1.15 m ³ | 1.4 m ³ | 1.4HD m ³ | 1.6 m ³ | 1.8 m ³ | 1.4HD m ³ | 1.6HD m ³ |
| Bucket capacity (CECE heaped) unit:m ³ | 0.99 m ³ | 1.21 m ³ | 1.21 m ³ | 1.36 m ³ | 1.53 m ³ | 1.21 m ³ | 1.36 m ³ | |
| Bucket type | STD | STD | HD | STD | STD | HD | HD | |
| Number of teeth | 4 | 5 | 5 | 5 | 5 | 5 | 5 | |
| A Length | 1 740 mm | | 1 730 mm | 1 740 mm | | 1 730 mm | | |
| B Length | 1 740 mm | | 1 400 mm | 1 740 mm | | 1 400 mm | | |
| Width unit:mm | With side cutter | 1 233 mm | 1 435 mm | 1 424 mm | 1 575 mm | 1 733 mm | 1 424 mm | 1 564 mm |
| | Without side cutter | 1 100 mm | 1 302 mm | 1 310 mm | 1 442 mm | 1 600 mm | 1 310 mm | 1 450 mm |
| Weight unit:kg | 2.63 m arm | 1 045 kg | 1 170 kg | 1 500 kg | 1 240 kg | 1 320 kg | 1 500 kg | 1 575 kg |
| | 3.25 m arm | ⊙ | ⊙ | ⊙ | ● | ○ | ⊙ | ● |
| Combination | 4.04 m arm | ● | ○ | ○ | N/A | N/A | — | — |

⊙ Suitable for materials with density up to 2,000 kg/m³ or less

○ Suitable for materials with density up to 1,600 kg/m³ or less

● Standard bucket (Suitable for materials with density up to 1,800 kg/m³ or less)

△ Suitable for materials with density up to 1,200 kg/m³ or less

Weight & Ground Pressure

| Model | SH330(LC)-5 | | |
|---------------------|-------------|-----------------------|------------------|
| | Shoe type | Shoe width | Operating weight |
| Triple grouser shoe | 600 mm | 33 400 kg (34 000 kg) | 67 kPa (64 kPa) |
| | 800 mm | 34 100 kg (34 800 kg) | 52 kPa (49 kPa) |

| Model | SH350HD(LHD)-5 | | |
|---------------------|----------------|-----------------------|------------------|
| | Shoe type | Shoe width | Operating weight |
| Triple grouser shoe | 600 mm | 35 600 kg (36 100 kg) | 72 kPa (67 kPa) |
| | 800 mm | 36 300 kg (36 900 kg) | 55 kPa (52 kPa) |

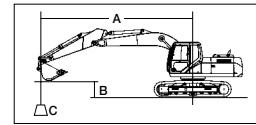
Digging Force

| Model | SH330(LC)-5/SH350HD(LHD)-5 | | | |
|---|----------------------------|-----------------|-----------------|-----------------|
| | Arm length | 2.63 m | 3.25 m | 4.04 m |
| Bucket digging force <with auto power up> | ISO 6015 | 229 kN <248 kN> | | |
| | SAE: PCSA | 204 kN <221 kN> | | |
| Arm digging force <with auto power up> | ISO | 195 kN <211 kN> | 164 kN <178 kN> | 140 kN <152 kN> |
| | SAE: PCSA | 189 kN <205 kN> | 160 kN <173 kN> | 137 kN <149 kN> |

Lifting Capacity

Notes: 1. Ratings are based on SAE J/ISO 10567

- Lifting capacity does not exceed 75% of tipping load with the machine on firm, level ground or 87% full hydraulic capacity.
- The load point is a hook (not standard equipment) located on the back of the bucket.
- *Indicates load limited by hydraulic capacity.
- 0m = Ground.



A: Radius of load
B: Bucket hook height
C: Lifting capacity



Unit : kg

SH350HD-5

SHOE : 600 (mm)G
BUCKET : SAE/PCSA 1.4 (m³)
ARM LENGTH = 3.25 (m)
MAXIMUM REACH = 9.67 (m)
BOOM : 6.45 (m)

| Bucket Hook Height | Radius of Load | | | | | | | | | | | | | | | | | | | | | | | | | |
|--------------------|----------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|---------|--------|---------|---------|---------|---------|---------|-------------|---------|---------|---------|---------|------|
| | Max. Radius | | 10 m | | 9 m | | 8 m | | 7 m | | 6 m | | 5 m | | 4 m | | 3 m | | 2 m | | Min. Radius | | | | | |
| | Icon 1 | Icon 2 | Icon 1 | Icon 2 | Icon 1 | Icon 2 | Icon 1 | Icon 2 | Icon 1 | Icon 2 | Icon 1 | Icon 2 | Icon 1 | Icon 2 | Icon 1 | Icon 2 | Icon 1 | Icon 2 | Icon 1 | Icon 2 | Icon 1 | Icon 2 | | | | |
| 7 m | 4 573* | 8.24 | 4 573* | 8.24 | | | | 5 558* | 5 558* | | | | | | | | | | | | 6 836* | 7.31 | 6 836* | 7.31 | | |
| 6 m | 4 252* | 8.83 | 4 252* | 8.83 | | | | 6 916* | 5 748 | | | | | | | | | | | | 7 148* | 7.03 | 7 148* | 7.03 | | |
| 5 m | 4 302* | 9.21 | 4 199 | 9.21 | | | | 5 462* | 4 418 | 7 196* | 5 601 | 7 643* | 7 178 | | | | | | | | 8 010* | 6.38 | 8 010* | 6.38 | | |
| 4 m | 4 426* | 9.48 | 3 866 | 9.48 | | | | 6 350 | 4 307 | 7 588* | 5 411 | 8 266* | 6 883 | 9 247* | 8 967 | 10 730* | 10 730* | | | | 19 239* | 2.22 | 19 239* | 2.22 | | |
| 3 m | 4 626* | 9.63 | 3 643 | 9.63 | | | | 6 208 | 4 174 | 7 642 | 5 201 | 8 955* | 6 564 | 10 297* | 8 475 | 12 394* | 11 360 | 16 051* | 16 051* | 13 438* | 13 438* | 8 946* | 2.82 | 8 946* | 2.82 | |
| 2 m | 4 915* | 9.67 | 3 513 | 9.67 | | | | 6 063 | 4 038 | 7 418 | 4 992 | 9 263 | 6 254 | 11 298* | 8 009 | 13 915* | 10 626 | 18 465* | 14 986 | 6 875* | 6 875* | 6 520* | 2.98 | 6 520* | 2.98 | |
| 1 m | 5 299 | 9.62 | 3 468 | 9.62 | | | | 5 931 | 3 914 | 7 217 | 4 805 | 8 968 | 5 983 | 11 505 | 7 619 | 15 060* | 10 062 | 19 917* | 14 195 | 7 729* | 7 729* | 5 724* | 2.77 | 5 724* | 2.77 | |
| 0 m | 5 382 | 9.45 | 3 508 | 9.45 | | | | 5 828 | 3 817 | 7 055 | 4 654 | 8 737 | 5 771 | 11 185 | 7 331 | 15 115 | 9 692 | 19 633* | 13 793 | 10 314* | 10 314* | 7 824* | 2.26 | 7 824* | 2.26 | |
| -1 m | 5 601 | 9.17 | 3 647 | 9.17 | | | | 5 767 | 3 759 | 6 946 | 4 553 | 8 581 | 5 627 | 10 982 | 7 148 | 14 880 | 9 487 | 20 334* | 13 632 | 13 453* | 13 453* | 9 717* | 1.86 | 10 258* | 1.67 | |
| -2 m | 5 997 | 8.77 | 3 912 | 8.77 | | | | 6 899 | 4 509 | 8 504 | 5 556 | 10 887 | 7 062 | 14 795 | 9 412 | 19 700* | 13 625 | 17 034* | 17 034* | 13 169* | 13 169* | 12 854* | 1.86 | 12 132* | 1.41 | |
| -3 m | 6 656 | 8.22 | 4 360 | 8.22 | | | | 6 931 | 4 539 | 8 510 | 5 562 | 10 893 | 7 068 | 14 834 | 9 446 | 18 575* | 13 734 | 21 181* | 21 181* | 16 790* | 16 790* | 16 400* | 1.86 | 15 409* | 1.41 | |
| -4 m | 7 763 | 7.50 | 5 114 | 7.50 | | | | | | 8 617 | 5 660 | 11 004 | 7 167 | 13 770* | 9 582 | 16 877* | 13 955 | 21 160* | 21 160* | 20 825* | 20 825* | 20 327* | 1.86 | 19 001* | 1.41 | |
| -5 m | 8 442* | 6.55 | 6 482 | 6.55 | | | | | | | | 9 625* | 7 388 | 11 823* | 9 838 | 14 405* | 14 308 | 17 739* | 17 739* | | | 22 516* | 2.03 | 22 516* | 2.03 | |
| -6 m | 8 059* | 5.24 | 8 059* | 5.24 | | | | | | | | | | | | | | | | | | | 11 495* | 3.63 | 11 495* | 3.63 |

SH350HD-5

SHOE : 600 (mm)G
BUCKET : SAE/PCSA 1.6 (m³)
ARM LENGTH = 2.63 (m)
MAXIMUM REACH = 9.18 (m)
BOOM : 6.45 (m)

| Bucket Hook Height | Radius of Load | | | | | | | | | | | | | | | | | | | | | | | | | |
|--------------------|----------------|--------|--------|--------|--------|--------|--------|--------|--------|---------|--------|---------|--------|---------|--------|---------|---------|---------|---------|---------|-------------|---------|---------|---------|---------|------|
| | Max. Radius | | 10 m | | 9 m | | 8 m | | 7 m | | 6 m | | 5 m | | 4 m | | 3 m | | 2 m | | Min. Radius | | | | | |
| | Icon 1 | Icon 2 | Icon 1 | Icon 2 | Icon 1 | Icon 2 | Icon 1 | Icon 2 | Icon 1 | Icon 2 | Icon 1 | Icon 2 | Icon 1 | Icon 2 | Icon 1 | Icon 2 | Icon 1 | Icon 2 | Icon 1 | Icon 2 | Icon 1 | Icon 2 | | | | |
| 7 m | 7 587* | 7.51 | 6 417 | 7.51 | | | | | | 7 647* | 7 373 | | | | | | | | | | | 7 711* | 6.69 | 7 711* | 6.69 | |
| 6 m | 6 315* | 8.28 | 5 196 | 8.28 | | | | 7 568* | 5 588 | 7 870* | 7 231 | | | | | | | | | | | 8 181* | 6.34 | 8 181* | 6.34 | |
| 5 m | 6 382* | 8.69 | 4 623 | 8.69 | | | | 7 768* | 5 467 | 8 305* | 7 000 | 9 117* | 9 117* | | | | | | | | | 9 686* | 5.48 | 9 686* | 5.48 | |
| 4 m | 6 281 | 8.97 | 4 237 | 8.97 | | | | 7 742 | 5 295 | 8 874* | 6 715 | 10 032* | 8 705 | 11 844* | 11 721 | 15 003* | 15 003* | | | | | 20 063* | 3.20 | 20 063* | 3.20 | |
| 3 m | 5 970 | 9.13 | 3 987 | 9.13 | | | | 6 133 | 4 105 | 7 536 | 5 103 | 9 434 | 6 412 | 11 000* | 8 229 | 13 404* | 10 931 | 17 769* | 15 356 | | | 14 916* | 3.63 | 14 916* | 3.63 | |
| 2 m | 5 809 | 9.18 | 3 847 | 9.18 | | | | 6 014 | 3 993 | 7 335 | 4 916 | 9 124 | 6 127 | 11 702 | 7 799 | 14 717* | 10 265 | 16 240* | 14 300 | | | 11 080* | 3.76 | 11 080* | 3.76 | |
| 1 m | 5 784 | 9.12 | 3 808 | 9.12 | | | | 5 912 | 3 897 | 7 161 | 4 754 | 8 865 | 5 889 | 11 327 | 7 460 | 15 240 | 9 803 | 15 075* | 13 796 | | | 9 345* | 3.60 | 9 345* | 3.60 | |
| 0 m | 5 901 | 8.95 | 3 872 | 8.95 | | | | 7 034 | 4 635 | 8 676 | 5 716 | 11 073 | 7 232 | 14 937 | 9 539 | 17 450* | 13 617 | | | | | 8 698* | 3.11 | 8 698* | 3.11 | |
| -1 m | 6 187 | 8.65 | 4 057 | 8.65 | | | | 6 965 | 4 572 | 8 567 | 5 616 | 10 936 | 7 108 | 14 808 | 9 426 | 19 784* | 13 599 | 13 100* | 13 100* | | | 11 769* | 2.32 | 11 769* | 2.32 | |
| -2 m | 6 701 | 8.22 | 4 402 | 8.22 | | | | 6 972 | 4 578 | 8 542 | 5 593 | 10 906 | 7 081 | 14 812 | 9 430 | 18 801* | 13 688 | 18 279* | 18 279* | 14 300* | 14 300* | 14 009* | 1.86 | 13 674* | 1.65 | |
| -3 m | 7 572 | 7.64 | 4 994 | 7.64 | | | | | | 8 614 | 5 659 | 10 980 | 7 148 | 14 271* | 9 534 | 17 344* | 13 877 | 21 237* | 21 237* | 19 265* | 19 265* | 18 854* | 1.86 | 18 387* | 1.68 | |
| -4 m | 8 646* | 6.85 | 6 029 | 6.85 | | | | | | 10 457* | 7 325 | 12 665* | 9 748 | 15 255* | 14 180 | 18 416* | 18 416* | | | | | 22 293* | 2.05 | 22 293* | 2.05 | |
| -5 m | 8 332* | 5.80 | 8 079 | 5.80 | | | | | | | | | | | | 10 088* | 10 088* | 12 206* | 12 206* | 14 448* | 14 448* | | 14 509* | 2.97 | 14 509* | 2.97 |
| -6 m | | | | | | | | | | | | | | | | | | | | | | | | | | |

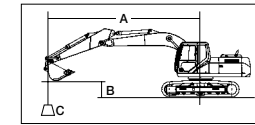
SH350LHD-5

SHOE : 600 (mm)G
BUCKET : SAE/PCSA 1.4 (m³)
ARM LENGTH = 3.25 (m)
MAXIMUM REACH = 9.67 (m)
BOOM : 6.45 (m)

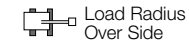
| Bucket Hook Height | Radius of Load | | | | | | | | | | | | | | | | | | | | | | | | | |
|--------------------|----------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|---------|--------|---------|--------|---------|---------|---------|---------|---------|-------------|---------|---------|---------|---------|------|
| | Max. Radius | | 10 m | | 9 m | | 8 m | | 7 m | | 6 m | | 5 m | | 4 m | | 3 m | | 2 m | | Min. Radius | | | | | |
| | Icon 1 | Icon 2 | Icon 1 | Icon 2 | Icon 1 | Icon 2 | Icon 1 | Icon 2 | Icon 1 | Icon 2 | Icon 1 | Icon 2 | Icon 1 | Icon 2 | Icon 1 | Icon 2 | Icon 1 | Icon 2 | Icon 1 | Icon 2 | Icon 1 | Icon 2 | | | | |
| 7 m | 4 573* | 8.24 | 4 573* | 8.24 | | | | 5 558* | 5 558* | | | | | | | | | | | | | 6 836* | 7.31 | 6 836* | 7.31 | |
| 6 m | 4 252* | 8.83 | 4 252* | 8.83 | | | | 6 916* | 5 834 | | | | | | | | | | | | | 7 148* | 7.03 | 7 148* | 7.03 | |
| 5 m | 4 302* | 9.21 | 4 272 | 9.21 | | | | 5 462* | 4 492 | 7 196* | 5 687 | 7 643* | 7 279 | | | | | | | | | 8 010* | 6.38 | 8 010* | 6.38 | |
| 4 m | 4 426* | 9.48 | 3 935 | 9.48 | | | | 7 008* | 4 381 | 7 588* | 5 497 | 8 266* | 6 984 | 9 247* | 9 090 | 10 730* | 10 730* | | | | | 19 239* | 2.22 | 19 239* | 2.22 | |
| 3 m | 4 626* | 9.63 | 3 712 | 9.63 | | | | 7 072 | 4 248 | 8 037* | 5 287 | 8 955* | 6 665 | 10 297* | 8 598 | 12 394* | 11 517 | 16 051* | 16 051* | 13 438* | 13 438* | 8 946* | 2.82 | 8 946* | 2.82 | |
| 2 m | 4 915* | 9.67 | 3 581 | 9.67 | | | | 6 923 | 4 112 | 8 458 | 5 078 | 9 627* | 6 355 | 11 298* | 8 132 | 13 915* | 10 783 | 18 465* | 15 204 | 6 875* | 6 875* | 6 520* | 2.98 | 6 520* | 2.98 | |
| 1 m | 5 316* | 9.62 | 3 536 | 9.62 | | | | 6 789 | 3 988 | 8 252 | 4 890 | 10 204* | 6 084 | 12 120* | 7 724 | 15 060* | 10 219 | 19 917* | 14 412 | 7 729* | 7 729* | 5 724* | 2.77 | 5 724* | 2.77 | |
| 0 m | 5 871* | 9.45 | 3 578 | 9.45 | | | | 6 683 | 3 891 | 8 086 | 4 740 | 10 029 | 5 872 | 12 678* | 7 454 | 15 726* | 9 849 | 19 633* | 14 010 | 10 314* | 10 314* | 7 824* | 2.26 | 7 824* | 2.26 | |
| -1 m | 6 430 | 9.17 | 3 719 | 9.17 | | | | 6 620 | 3 833 | 7 973 | 4 638 | 9 867 | 5 728 | 12 688 | 7 271 | 15 923* | 9 644 | 20 334* | 13 850 | 13 453* | 13 453* | 9 762* | 2.02 | 10 258* | 1.67 | |
| -2 m | 6 885 | 8.77 | 3 988 | 8.77 | | | | | | 7 926 | 4 595 | 9 788 | 5 657 | 12 590 | 7 185 | 15 680* | 9 569 | 19 700* | 13 842 | 17 034* | 17 034* | 13 221* | 2.02 | 12 132* | 1.41 | |
| -3 m | 7 639 | 8.22 | 4 443 | 8.22 | | | | | | 7 958 | 4 624 | 9 794 | 5 663 | 12 345* | 7 191 | 14 988* | 9 603 | 18 575* | 13 951 | 21 181* | 21 181* | 16 853* | 2.02 | 15 409* | 1.41 | |
| -4 m | 8 401* | 7.50 | 5 206 | 7.50 | | | | | | | | 9 368* | 5 761 | 11 367* | 7 290 | 13 770* | 9 739 | 16 877* | 14 173 | 21 160* | 21 160* | 20 905* | 2.02 | 19 001* | 1.41 | |
| -5 m | 8 442* | 6.55 | 6 592 | 6.55 | | | | | | | | | | 9 625* | 7 511 | 11 823* | 9 955 | 14 405* | 14 405* | 17 739* | 17 739* | 22 516* | 2.03 | 22 516* | 2.03 | |
| -6 m | 8 059* | 5.24 | 8 059* | 5.24 | | | | | | | | | | | | | | | | | | | 11 495* | 3.63 | 11 495* | 3.63 |

Notes: 1. Ratings are based on SAE J/ISO 10567

- Lifting capacity does not exceed 75% of tipping load with the machine on firm, level ground or 87% full hydraulic capacity.
- The load point is a hook (not standard equipment) located on the back of the bucket.
- *Indicates load limited by hydraulic capacity.
- 0m = Ground.



A: Radius of load
B: Bucket hook height
C: Lifting capacity



Unit : kg

SH350HD-5

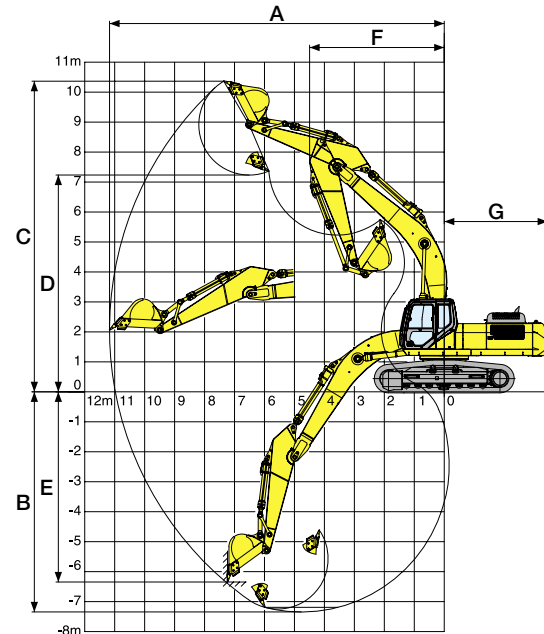
SHOE : 800 (mm)G
BUCKET : SAE/PCSA 1.4 (m³)
ARM LENGTH = 3.25 (m)
MAXIMUM REACH = 9.67 (m)
BOOM : 6.45 (m)

| Bucket Hook Height | Radius of Load | | | | | | | | | | | | | | | | | | | | | | | | |
|--------------------|----------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------------|--------|------|--------|------|
| | Max. Radius | | 10 m | | 9 m | | 8 m | | 7 m | | 6 m | | 5 m | | 4 m | | 3 m | | 2 m | | Min. Radius | | | | |
| | Icon 1 | Icon 2 | Icon 1 | Icon 2 | Icon 1 | Icon 2 | Icon 1 | Icon 2 | Icon 1 | Icon 2 | Icon 1 | Icon 2 | Icon 1 | Icon 2 | Icon 1 | Icon 2 | Icon 1 | Icon 2 | Icon 1 | Icon 2 | Icon 1 | Icon 2 | | | |
| 7 m | 4 573* | 8.24 | 4 573* | 8.24 | | | | 5 558* | 5 558* | | | | | | | | | | | | | 6 836* | 7.31 | 6 836* | 7.31 |
| 6 m | 4 252* | 8.83 | 4 252* | 8.83 | | | | | | | | | | | | | | | | | | | | | |

Working Range

| | SH330(LC)-5 | | |
|-------------------------------|-------------|-----------|-----------|
| Arm length | 2.63 m | 3.25 m | 4.04 m |
| Boom length | 6.45 m | | |
| A Max digging radius | 10 670 mm | 11 170 mm | 11 900 mm |
| B Max digging depth | 6 730 mm | 7 340 mm | 8 140 mm |
| C Max digging height | 10 320 mm | 10 370 mm | 10 670 mm |
| D Max dumping height | 7 140 mm | 7 230 mm | 7 540 mm |
| E Max vertical wall cut depth | 5 970 mm | 6 350 mm | 7 150 mm |
| F Min. front swing radius | 4 630 mm | 4 500 mm | 4 560 mm |
| G Rear end swing radius | 3 450 mm | | |

| | SH350HD(LHD)-5 | |
|-------------------------------|----------------|-----------|
| Arm length | 2.63 m | 3.25 m |
| Boom length | 6.45 m | |
| A Max digging radius | 10 670 mm | 11 170 mm |
| B Max digging depth | 6 730 mm | 7 340 mm |
| C Max digging height | 10 320 mm | 10 370 mm |
| D Max dumping height | 7 140 mm | 7 230 mm |
| E Max vertical wall cut depth | 5 970 mm | 6 350 mm |
| F Min. front swing radius | 4 630 mm | 4 500 mm |
| G Rear end swing radius | 3 450 mm | |



Principle Specifications

| | SH330-5 STD Specifications | SH330LC-5 STD Specifications | SH350HD-5 STD Specifications | SH350LHD-5 STD Specifications |
|------------------------------|---|---------------------------------|---------------------------------|----------------------------------|
| Base | | | | |
| Boom length | 6.45 m | | 6.45 m (HD type) | |
| Arm length | 3.25 m | | 3.25 m (HD type) | |
| Bucket capacity (ISO heaped) | 1.40 m ³ | | 1.40 m ³ (HD type) | |
| Std. operating weight | 33 400 kg | 34 000 kg | 35 600 kg | 36 100 kg |
| Engine | ISUZU AH-6HK1XYSS | | | |
| Rated output | 202 kw/2 000 min ⁻¹ | | | |
| Displacement | 7 790 ml(cc) | | | |
| Hydraulic System | 2 variable displacement axial piston pumps with regulating system | | | |
| Max pressure | 34.3 Mpa | | | |
| /with auto power boost | 37.3 Mpa | | | |
| Travel motor | Variable displacement axial piston motor | | | |
| Parking brake type | Mechanical disc brake | | | |
| Swing motor | Fixed displacement axial piston motor | | | |
| Travel speed | 5.5/3.5 km/h | | | |
| Traction force | 265 kN | 265 kN | 264 kN | 264 kN |
| Grade ability | 70% <35°> | | | |
| Ground pressure | 67 kPa | 64 kPa | 72 kPa | 67 kPa |
| Swing speed | 9.8 min ⁻¹ | | | |
| Bucket digging force | 229 kN | | | |
| /with power boost | 248 kN | | | |
| Arm digging force | 164 kN | | | |
| /with power boost | 178 kN | | | |
| Others | 580 liter | | | |
| Fuel tank | 350 liter | | | |
| Hydraulic fluid tank | 350 liter | | | |

Standard equipment

[Hydraulic system]

- SIH:S hydraulic system
- Operation mode (SP, H and A mode)
- Auto/one-touch idling
- Automatic 2-speed travel
- Automatic power boost
- Arm/boom/bucket reactivation circuit
- Automatic swing parking system
- High-performance return filter

[Cab/interior equipment]

- Tilting console
- Open air introducing pressurized full-automatic air conditioner
- Defroster
- Hot & cool box
- Water-repelling operator's seat
- Seat suspension
- Rise-up wiper (with intermittent operation function)
- Cup holder
- AM/FM radio (with muting function)
- Clock
- Magazine rack
- Accessory case
- Floor mat
- Armrest & headrest
- Ashtray & cigar lighter
- Room light (Auto-OFF function)
- Coat hook

[Safety equipment]

- Rearview mirror (left/right)
- Emergency escape tool
- Winding seat belt
- Gate lock lever
- Travel alarm (with on and off switch)
- Anti-theft alarm system
- Engine room firewall
- Fan guard
- Engine emergency stop switch

[Others]

- EMS
- Long-life hydraulic oil
- Two lights (main unit and left of arm)
- Fuel filter (with water separator)
- Fuel prefilter (with water separator)
- Double-element air cleaner
- Grease-enclosed track link
- Bucket rattling control mechanism
- Large tool box
- A set of tools

Accessories (option)

■ Cab-top light



■ Rain reflector



■ Front guard (OPG level 1)



■ Head guard for SH350HD (FOPS level 2)



■ 12V power (DC-DC converter)



■ Polycarbonate with sunshade roof top window



■ Air suspension (KAB seat)



■ Full track guard

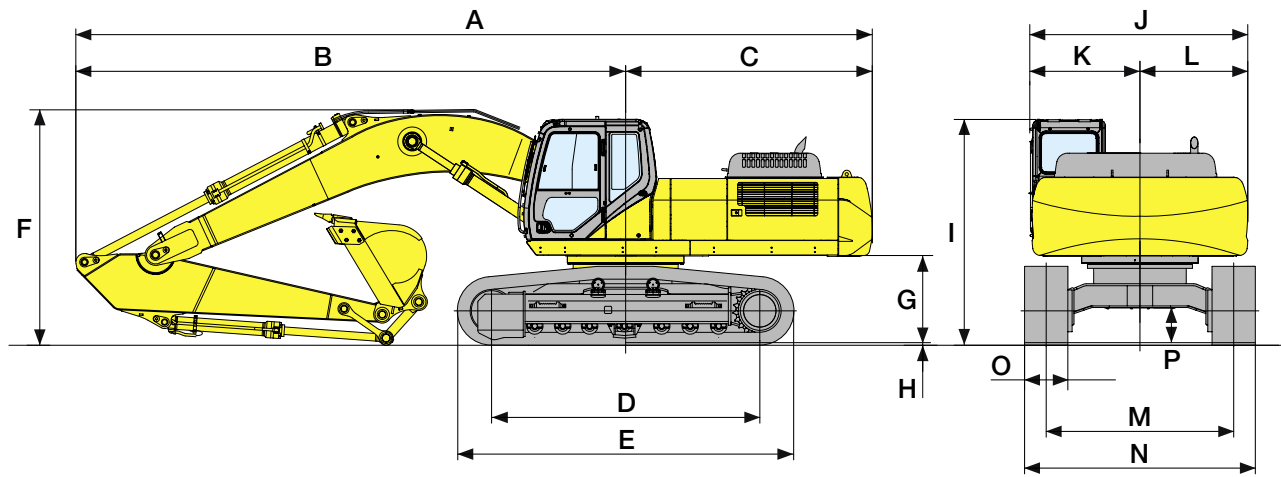
■ Re-fuel Pump

■ Pre-cleaner

■ Hose burst check valve (for arm/boom cylinder)

■ Lower window guard

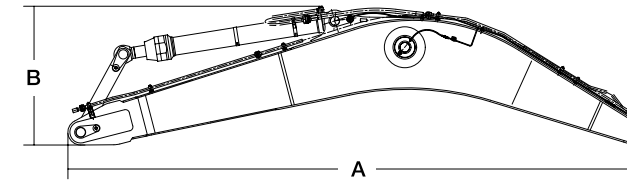
Dimensions



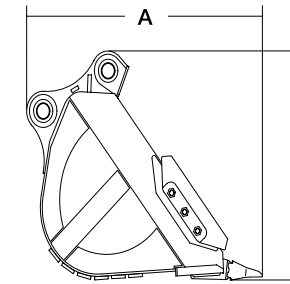
| Model | SH330-5 | | | SH330LC-5 | | |
|--|-----------|-----------|-----------|-----------|-----------|-----------|
| Arm length | 2.63 m | 3.25 m | 4.04 m | 2.63 m | 3.25 m | 4.04 m |
| A Overall length | 11 130 mm | 11 050 mm | 11 090 mm | 11 130 mm | 11 050 mm | 11 090 mm |
| B Length from center of machine (to arm top) | 7 710 mm | 7 630 mm | 7 670 mm | 7 710 mm | 7 630 mm | 7 670 mm |
| C Upper structure rear end radius | 3 450 mm | | | | | |
| D Center to center of wheels | 3 720 mm | | | 4 040 mm | | |
| E Overall track length | 4 650 mm | | | 4 980 mm | | |
| F Overall height | 3 500 mm | 3 260 mm | 3 480 mm | 3 500 mm | 3 260 mm | 3 480 mm |
| G Clearance height under upper structure | 1 210 mm | | | | | |
| H Shoe lug height | 36 mm | | | | | |
| I Cab height | 3 130 mm | | | | | |
| J Upper structure overall width | 3 020 mm | | | | | |
| K Width from center of machine (left side) | 1 530 mm | | | | | |
| L Width from center of machine (right side) | 1 490 mm | | | | | |
| M Track gauge | 2 600 mm | | | | | |
| N Overall width | 3 200 mm | | | | | |
| O Std. Shoe width | 600 mm | | | | | |
| P Minimum ground clearance | 480 mm | | | | | |

| Model | SH350HD-5 | | SH350LHD-5 | |
|--|-----------|-----------|------------|-----------|
| Arm length | 2.63 m | 3.25 m | 2.63 m | 3.25 m |
| A Overall length | 11 130 mm | 11 050 mm | 11 130 mm | 11 050 mm |
| B Length from center of machine (to arm top) | 7 710 mm | 7 630 mm | 7 710 mm | 7 630 mm |
| C Upper structure rear end radius | 3 450 mm | | | |
| D Center to center of wheels | 3 720 mm | | 4 040 mm | |
| E Overall track length | 4 650 mm | | 4 980 mm | |
| F Overall height | 3 500 mm | 3 260 mm | 3 500 mm | 3 260 mm |
| G Clearance height under upper structure | 1 210 mm | | | |
| H Shoe lug height | 36 mm | | | |
| I Cab height | 3 130 mm | | | |
| J Upper structure overall width | 3 120 mm | | | |
| K Width from center of machine (left side) | 1 560 mm | | | |
| L Width from center of machine (right side) | 1 560 mm | | | |
| M Track gauge | 2 600 mm | | | |
| N Overall width | 3 200 mm | | | |
| O Std. Shoe width | 600 mm | | | |
| P Minimum ground clearance | 480 mm | | | |

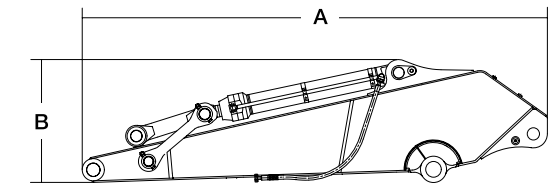
● Boom



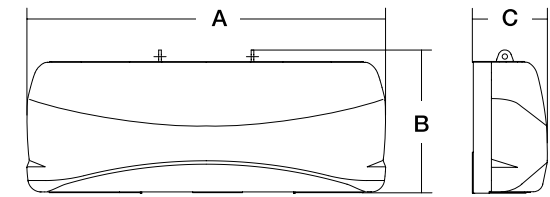
● Bucket



● Arm



● Counter weight



Boom

| Model | SH330(LC)-5 | SH350HD(LHD)-5 |
|--------|-------------|----------------|
| A | 6.45 m | |
| B | 1 710 mm | |
| Width | 860 mm | |
| Weight | 3 870 kg | 4 170 kg |

Arm

| Model | SH330(LC)-5 | | | SH350HD(LHD)-5 | |
|--------|-------------|----------|----------|----------------|----------|
| A | 2.63 m | 3.25 m | 4.04 m | 2.63 m | 3.25 m |
| Type | STD | | | HD | |
| B | 1 130 mm | 1 080 mm | 1 060 mm | 1 130 mm | 1 080 mm |
| Width | 390 mm | | | 390 mm | |
| Weight | 1 900 kg | 1 805 kg | 2 135 kg | 1 972 kg | 2 030 kg |

Bucket

| Model | SH330(LC)-5 | | | | | SH350HD(LHD)-5 | |
|---|---------------------|--------------------|----------------------|--------------------|--------------------|----------------------|----------------------|
| Bucket capacity (ISO/SAE/PCSA heaped) unit:m ³ | 1.15 m ³ | 1.4 m ³ | 1.4HD m ³ | 1.6 m ³ | 1.8 m ³ | 1.4HD m ³ | 1.6HD m ³ |
| A | 1 740 | | 1 730 | 1 740 | | 1 730 | |
| B | 1 740 | | 1 400 | 1 740 | | 1 400 | |
| Width unit:mm | With side cutter | | 1 233 | 1 435 | 1 424 | 1 575 | 1 733 |
| | Without side cutter | | 1 100 | 1 302 | 1 310 | 1 442 | 1 600 |
| Weight unit:kg | 1 045 | 1 170 | 1 500 | 1 240 | 1 320 | 1 500 | 1 575 |

Counter Weight

| Model | SH330(LC)-5 | | SH350HD(LHD)-5 |
|--------|-------------|--|----------------|
| A | 2 990 mm | | |
| B | 1 194 mm | | |
| C | 625 mm | | |
| Weight | 6 400kg | | 7 400kg |