SH330-5/SH330LC-5/SH350HD-5/SH350LHD-5 Hydraulic Excavator

https://truckma

SUMITOMO (S.H.I.)
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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.

Cat. No. 0808 Ⓔ3T.SH330/350-5-02 Printed in Japan

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

LEGEST

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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.

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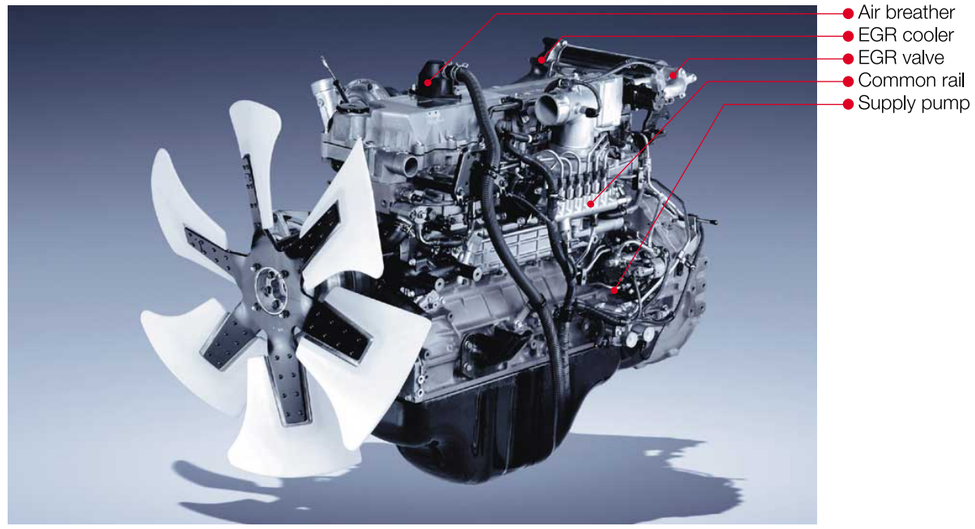
Engine and Hydraulics

SPACE5
SUMITOMO Powerful And Clean Engine System

❶Powerful ❷Economy ❸Clean ❹Silent ❺Strong

"SPACE5" is a new engine system consisting of five (5) special features.



Engine

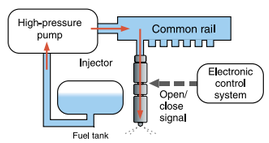
A newly developed ISUZU engine the 6HK1X complies with Emission Regulations U.S. EPA Tier Ⅲ and EU Stage ⅢA. This produces higher output and torque, and far better fuel consumption than the previous model. 5% reduction in fuel consumption using the new engine system "SPACE5" (As compared with existing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

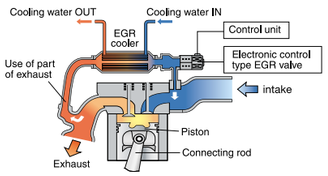
Common Rail Type High-Pressure Fuel Injection System

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.



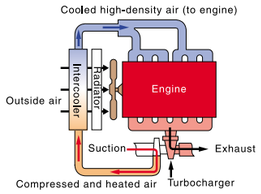
Cooled EGR System

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

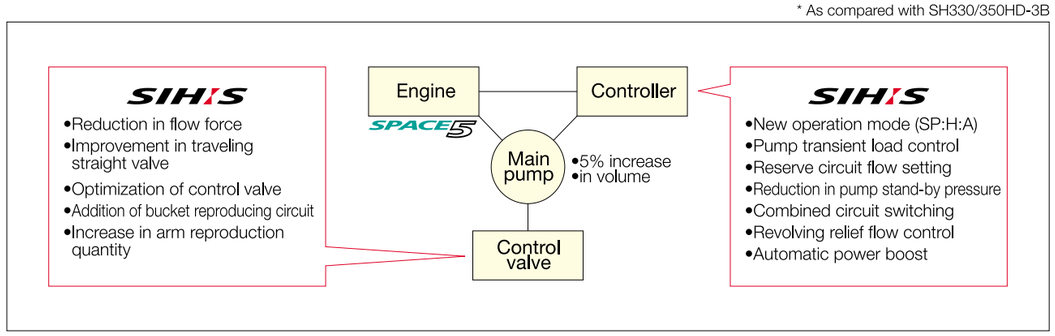
When the inter-cooler cools the intake air, which is compressed by a turbocharger and has reached a high temperature, the density of the air increases and the suction efficiency increases. Therefore, NOx and PM can be reduced substantially, permitting high output and improvement of fuel efficiency simultaneously.



SIHIS
SUMITOMO Intelligent Hydraulic System

● 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.

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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

SPACE5
SUMITOMO Powerful And Clean Engine System

+

New hydraulic system

SIHIS
SUMITOMO Intelligent 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

SIHIS
SUMITOMO Intelligent Hydraulic System

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

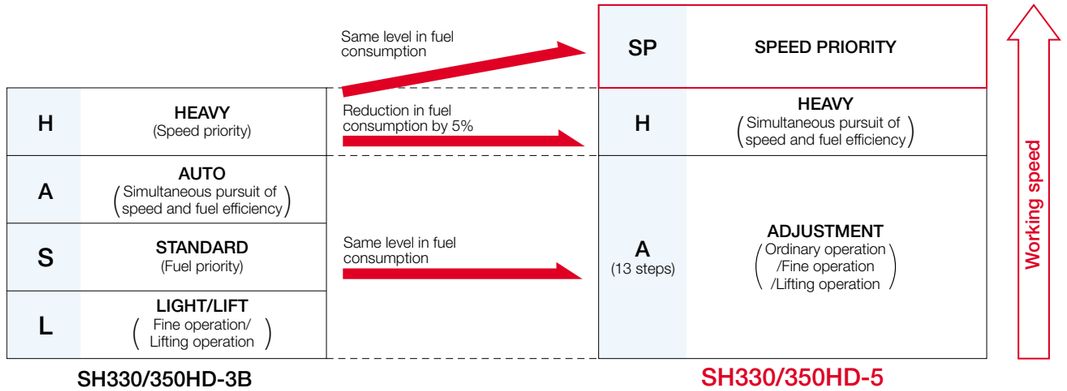
The new modified hydraulic pump structure lowers the oil leak volume in the pump which means improved pump efficiency and improved engine fuel efficiency.

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



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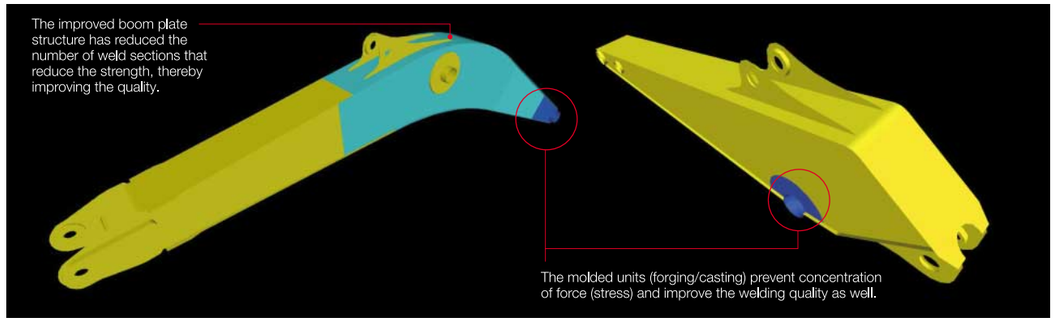
Durability

Boom & Arm

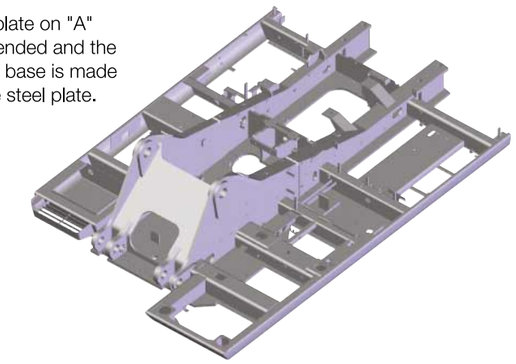
1. The boom structure is 2 pieces.
2. High strength castings are used for the boom base and arm foot.
3. Thicker steel plate is used for added strength.



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

❶ Link shoe
M-type seal increased pin hardness

❷ Center joint
Prevention of bolt loosening

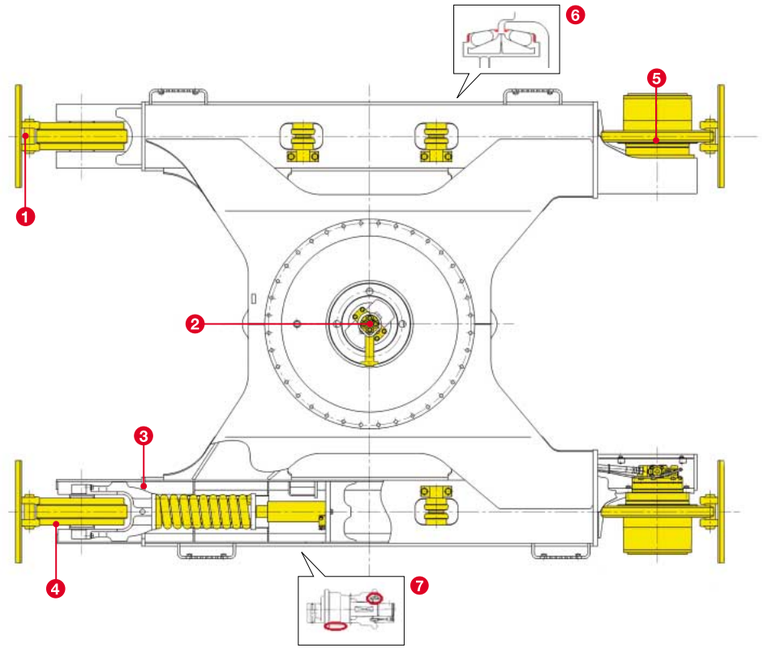
❸ Recoil spring
Use of high hardness material

❹ Idler
Reinforced boss

❺ Travel motor
Improved seal

❻ Carrier roller
Tread machining addition of jaw

❼ Track roller
Tread machining addition of jaw prevention of bolt loosening



Heavy duty applications for SH350HD(LHD)-5

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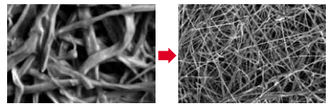
High-Performance Return Filter

The hydraulic oil change interval is 5,000hours, and the return filter change interval is 2,000hours. 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.



Conventional return filter　High-performance return filter

Fuel Tank

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

Stainless steel strainer

Maintenance hole for cleaning

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

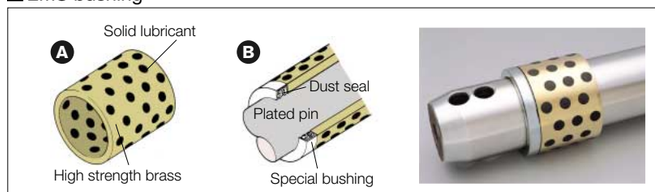
SUMITOMO's new improved EMS keeps the pins and bushes fully lubricated at all times and prevents rattling. This system significantly extends the service life of the pins and bushes.

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

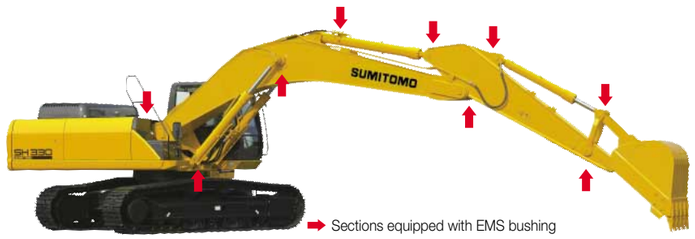
* The greasing interval depends on the working conditions.

■ 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.



➡ Sections equipped with EMS bushing

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.

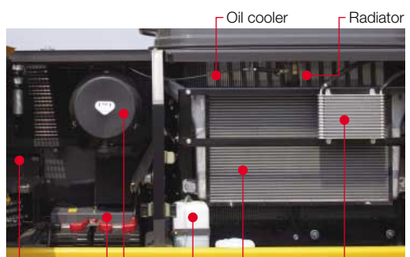
Parts cleaning and maintenance are possible from the ground without climbing onto the upper structure of the excavator body.

•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.

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Operator Comfort

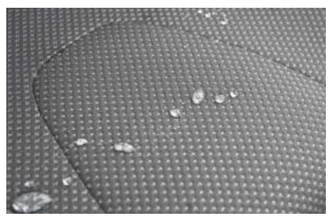
SUMITOMO's Redesigned Cabin and Seat for Optimum Operator Comfort

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

New Water-repelling Operator's Seat

SUMITOMO unique design

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



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.

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

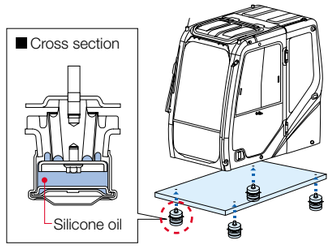
Japanese	Danish
English	Norwegian
Thai	Swedish
Chinese	Finnish
German	Turkish
French	Arabic
Italian	Malay
Spanish	Indonesian
Portuguese	(Pictograph)
Dutch	

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.

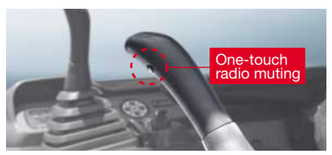
ISO-compliant Pressurized Cab to Prevent Dust Entry

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.



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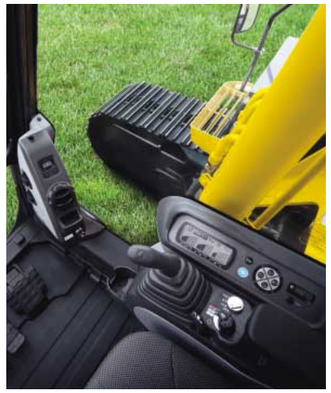
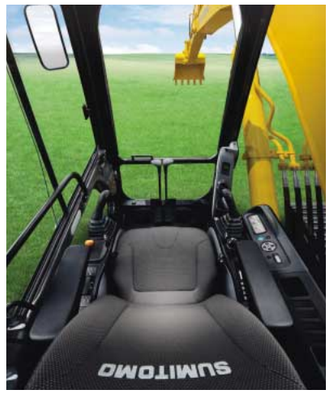
Safety

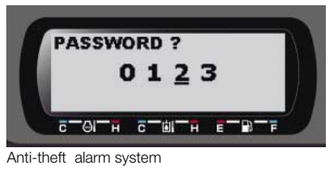
The wide view increases the safety of work
SUMITOMO unique design

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
SUMITOMO unique design

New non-slip plate

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.

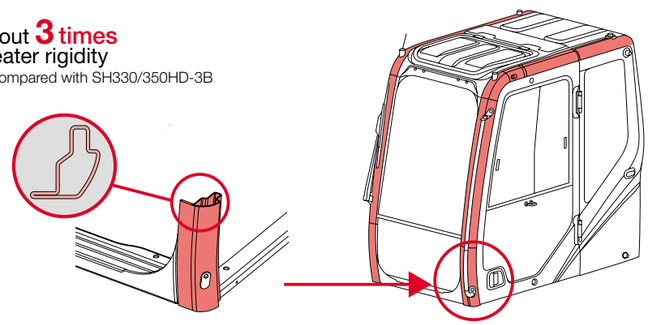
Front-right large step
SUMITOMO unique design

Non-slip plate

ISO-compliant large handrail

High-rigidity Cabin
The new cabin structure provides advanced operator protection.

•About **3** times greater rigidity
* As compared with SH330/350HD-3B



Customer and Product Support

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.

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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), turbochanger 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/bucket ····34.3 Mpa(350 kgf/cm^2)
Boom/arm/bucket ····37.3 Mpa(380 kgf/cm^2)with auto power-up
Swing circuit ·····30.4 Mpa(310 kgf/cm^2)
Travel circuit ·····34.3 Mpa(350 kgf/cm^2)

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 powerd 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:mm		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:mm		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		1 045 kg	1 170 kg	1 500 kg	1 240 kg	1 320 kg	1 500 kg	1 575 kg
Combination	2.63 m arm	◎	◎	◎	●	○	◎	●
	3.25 m arm	◎	●	◎	○	N/A	●	○
	4.04 m arm	●	○	○	N/A	N/A	—	—

◎ Suitable for materials with density up to 2,000 kg/m^3 or less
● Standard bucket (Suitable for materials with density up to 1,800 kg/m^3 or less)
○ Suitable for materials with density up to 1,600 kg/m^3 or less
△ Suitable for materials with density up to 1,200 kg/m^3 or less

Weight & Ground Pressure

Model	SH330(LC)-5		
Shoe type	Shoe width	Operating weight	Ground pressure
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	Ground pressure
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	ISO	195 kN 〈211 kN〉	164 kN 〈178 kN〉	140 kN 〈152 kN〉
<with auto power up>	SAE: PCSA	189 kN 〈205 kN〉	160 kN 〈173 kN〉	137 kN 〈149 kN〉

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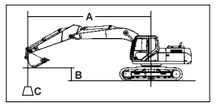
Lifting Capacity

Notes: 1. Ratings are based on SAE J/ISO 10567
2. Lifting capacity does not exceed 75% of tipping load with the machine on firm, level ground or 87% full hydraulic capacity.
3. The load point is a hook (not standard equipment) located on the back of the bucket.
4. *Indicates load limited by hydraulic capacity.
5. 0m = Ground.



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

Load Radius Over Front
Load Radius Over Side

Unit : kg

SH330-5

SHOE : 600 (mm)G
BUCKET : SAE/PCSA 1.15 (m^3)
ARM LENGTH = 4.04 (m)
MAXIMUM REACH = 10.43 (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	
7 m	3 618*	9.15	3 618*	9.15			4 144*	4 144*															6 033*	8.11	5 667	8.11
6 m	3 508*	9.65	3 508*	9.65			5 494*	4 517	6 483*	5 708													6 493*	7.88	5 879	7.88
5 m	3 531*	10.00	3 531	10.00	3 541*	3 532	6 379	4 418	6 830*	5 547													6 998*	7.38	6 432	7.38
4 m	3 604*	10.30	3 279	10.30	4 681*	3 458	6 239	4 285	7 289*	5 347	7 804*	6 778											8 142*	6.48	7 736	6.48
3 m	3 731*	10.40	3 105	10.40	5 025	3 363	6 078	4 135	7 458	5 125	8 577*	6 453	9 668*	8 334	11 322*	11 217							19 980*	2.94	19 980*	2.94
2 m	3 916*	10.40	2 999	10.40	4 918	3 262	5 914	3 980	7 217	4 900	9 002	6 126	10 825*	7 846	13 090*	10 444	16 971*	14 851	15 271*	15 271*			6 602*	2.38	6 602*	2.38
1 m	4 173*	10.40	2 953	10.40	4 817	3 166	5 758	3 834	6 992	4 690	8 677	5 827	11 125	7 413	14 582*	9 792	19 158*	13 819	11 174*	11 174*			4 918*	2.12	4 918*	2.12
0 m	4 522*	10.20	2 969	10.20	4 733	3 087	5 625	3 709	6 800	4 511	8 406	5 578	10 741	7 067	14 482	9 313	20 451*	13 172	11 520*	11 520*	6 697*	6 697*	6 303*	1.86	6 250*	1.44
-1 m	4 706	9.96	3 054	9.96			5 526	3 615	6 653	4 374	8 202	5 391	10 468	6 821	14 127	9 004	20 965*	12 822	13 242*	13 242*	9 127*	9 127*	8 779*	1.86	7 958*	1.41
-2 m	4 965	9.59	3 224	9.59			5 470	3 562	6 559	4 287	8 071	5 271	10 302	6 671	13 935	8 836	20 856*	12 674	15 674*	15 674*	11 698*	11 698*	11 344*	1.86	10 451*	1.41
-3 m	5 386	9.10	3 508	9.10			5 473	3 565	6 526	4 257	8 016	5 220	10 234	6 610	13 875	8 783	20 207*	12 670	18 686*	18 686*	14 492*	14 492*	14 102*	1.86	13 075*	1.41
-4 m	6 061	8.46	3 968	8.46					6 568	4 296	8 040	5 242	10 260	6 633	13 931	8 832	19 006*	12 784	22 370*	21 847	17 618*	17 618*	17 163*	1.86	15 933*	1.41
-5 m	7 189	7.63	4 735	7.63							8 161	5 353	10 387	6 748	13 933*	8 981	17 151*	13 015	21 822*	21 822*	21 232*	21 232*	20 674*	1.86	19 141*	1.41
-6 m	8 364*	6.54	6 160	6.54									9 527*	6 985	11 744*	9 253	14 401*	13 386	17 996*	17 996*	23 861*	23 861*	24 179*	1.96	24 179*	1.96

SH330-5

SHOE : 600 (mm)G
BUCKET : SAE/PCSA 1.4 (m^3)
ARM LENGTH = 3.25 (m)
MAXIMUM REACH = 9.67 (m)
BOOM : 6.45 (m)

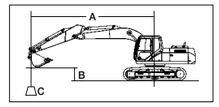
Bucket Hook Height	Radius of Load																							
	Max. Radius				10 m		9 m		8 m		7 m		6 m		5 m		4 m		3 m		2 m		Min. Radius	
7 m	4 898*	8.24	4 898*	8.24					5 883*	5 632													7 282*	7.31	6 700	7.31
6 m	4 577*	8.83	4 574	8.83					7 383*	5 559													7 599*	7.03	7 056	7.03
5 m	4 627*	9.21	4 126	9.21			5 786*	4 328	7 674*	5 424	8 112*	6 885											8 473*	6.38	8 068	6.38
4 m	4 750*	9.48	3 817	9.48			6 165	4 225	7 581	5 250	8 760*	6 615	9 742*	8 551	11 232*	11 232*							19 576*	2.22	19 576*	2.22
3 m	4 949*	9.63	3 611	9.63			6 035	4 104	7 374	5 057	9 204	6 325	10 833*	8 103	12 960*	10 792	16 682*	15 346	13 770*	13 770*			9 276*	2.82	9 276*	2.82
2 m	5 221	9.67	3 491	9.67			5 903	3 979	7 170	4 867	8 898	6 043	11 404	7 681	14 541*	10 128	19 190*	14 215	7 202*	7 202*			6 847*	2.98	6 847*	2.98
1 m	5 190	9.62	3 450	9.62			5 782	3 866	6 986	4 696	8 630	5 797	11 012	7 327	14 807	9 617	20 358*	13 501	8 056*	8 056*			6 049*	2.77	6 049*	2.77
0 m	5 269	9.45	3 489	9.45			5 688	3 777	6 839	4 559	8 420	5 604	10 722	7 066	14 423	9 282	19 964*	13 137	10 641*	10 641*			8 153*	2.26	8 153*	2.26
-1 m	5 475	9.17	3 619	9.17			5 632	3 724	6 740	4 466	8 277	5 473	10 538	6 899	14 210	9 096	21 159*	12 990	13 781*	13 781*	10 042*	10 042*	9 776*	1.86	10 586*	1.67
-2 m	5 848	8.77	3 867	8.77					6 697	4 426	8 207	5 408	10 451	6 821	14 131	9 027	20 524*	12 981	17 362*	17 362*	13 496*	13 496*	13 180*	1.86	12 458*	1.41
-3 m	6 466	8.22	4 285	8.22					6 725	4 453	8 212	5 413	10 455	6 825	14 164	9 056	19 388*	13 077	21 510*	21 510*	17 117*	17 117*	16 727*	1.86	15 736*	1.41
-4 m	7 503	7.50	4 988	7.50							8 308	5 501	10 554	6 914	14 303	9 177	17 672*	13 274	22 093*	22 093*	21 154*	21 154*	20 655*	1.86	19 329*	1.41
-5 m	9 037*	6.55	6 264	6.55									10 249*	7 113	12 506*	9 407	15 170*	13 590	18 632*	18 632*			23 640*	2.03	23 640*	2.03
-6 m	8 689*	5.24	8 689*	5.24											9 239*	9 239*	11 421*	11 421*					12 254*	3.63	12 254*	3.63

SH330-5

SHOE : 600 (mm)G
BUCKET : SAE/PCSA 1.6 (m^3)
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	
7 m	7 898*	7.51	6 164	7.51							8 079*	7 050											8 137*	6.96	7 670	6.96
6 m	6 627*	8.28	5 030	8.28					7 737	5 393	8 311*	6 918											8 614*	6.34	8 235	6.34
5 m	6 544	8.69	4 498	8.69					7 617	5 282	8 764*	6 705	9 572*	8 715									10 140*	5.48	10 135	5.48
4 m	6 083	8.97	4 140	8.97					7 446	5 123	9 335	6 442	10 520*	8 293	12 351*	11 098	15 551*	15 551*					20 698*	3.20	20 698*	3.20
3 m	5 794	9.13	3 908	9.13			5 946	4 018	7 256	4 946	9 031	6 164	11 522*	7 855	13 965*	10 372	18 412*	14 502					15 219*	3.63	15 219*	3.63
2 m	5 644	9.18	3 779	9.18			5 836	3 915	7 071	4 773	8 746	5 902	11 162	7 459	14 975	9 761	16 544*	13 534					11 387*	3.76	11 387*	3.76
1 m	5 622	9.12	3 743	9.12			5 741	3 826	6 911	4 625	8 508	5 683	10 817	7 149	14 490	9 337	15 381*	13 073					9 654*	3.60	9 654*	3.60
0 m	5 732	8.95	3 803	8.95					6 794	4 515	8 335	5 524	10 584	6 939	14 213	9 095	17 757*	12 909					9 009*	3.11	9 009*	3.11
-1 m	6 001	8.65	3 976	8.65					6 731	4 457	8 234	5 431	10 458	6 826	14 095	8 992	20 542*	12 892	13 410*	13 410*			12 086*	2.32	12 086*	2.32
-2 m	6 483	8.22	4 299	8.22					6 738	4 463	8 212	5 411	10 431	6 801	14 098	8 995	19 553*	12 973	18 588*	18 588*	14 611*	14 611*	14 321*	1.86	13 986*	1.65
-3 m	7 299	7.64	4 850	7.64							8 278	5 471	10 499	6 862	14 208	9 090	18 083*	13 145	22 097*	22 097*	19 574*	19 574*	19 164*	1.86	18 697*	1.68
-4 m	8 733	6.85	5 814	6.85									10 679	7 024	13 309*	9 286	15 974*	13 423	19 248*	19 248*			23 321*	2.05	23 321*	2.05
-5 m	8 906*	5.80	7 723	5.80											10 707*	9 624	12 895*	12 895*	15 242*	15 242*			15 307*	2.97	15 307*	2.97
-6 m																								

Notes: 1. Ratings are based on SAE J/ISO 10567
2. Lifting capacity does not exceed 75% of tipping load with the machine on firm, level ground or 87% full hydraulic capacity.
3. The load point is a hook (not standard equipment) located on the back of the bucket.
4. *Indicates load limited by hydraulic capacity.
5. 0m = Ground.



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

Load Radius Over Front
Load Radius Over Side

Unit : kg

SH330LC-5

SHOE : 600 (mm)G
BUCKET : SAE/PCSA 1.15 (m^3)
ARM LENGTH = 4.04 (m)
MAXIMUM REACH = 10.43 (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	
7 m	3 618*	9.15	3 618*	9.15			4 144*	4 144*															6 033*	8.11	5 765	8.11
6 m	3 508*	9.65	3 508*	9.65			5 494*	4 603	6 483*	5 808													6 493*	7.88	5 980	7.88
5 m	3 531*	10.00	3 531*	10.00	3 541*	3 541*	6 476*	4 504	6 830*	5 646													6 998*	7.38	6 541	7.38
4 m	3 604*	10.30	3 353	10.30	4 681*	3 534	6 917*	4 372	7 289*	5 446	7 804*	6 895											8 142*	6.48	7 866	6.48
3 m	3 731*	10.40	3 179	10.40	5 479*	3 439	6 925	4 221	7 815*	5 224	8 577*	6 570	9 668*	8 477	11 322*	11 322*							19 980*	2.94	19 980*	2.94
2 m	3 916*	10.40	3 071	10.40	5 635	3 338	6 757	4 066	8 236	4 999	9 364*	6 243	10 825*	7 989	13 090*	10 626	16 971*	15 104	15 271*	15 271*			6 602*	2.38	6 602*	2.38
1 m	4 173*	10.40	3 026	10.40	5 532	3 242	6 598	3 920	8 005	4 790	9 947	5 944	11 855*	7 556	14 582*	9 974	19 158*	14 072	11 174*	11 174*			4 918*	2.12	4 918*	2.12
0 m	4 522*	10.20	3 044	10.20	5 447	3 163	6 462	3 795	7 807	4 611	9 667	5 695	12 414	7 210	15 645*	9 495	20 451*	13 425	11 520*	11 520*			6 761*	2.02	6 250*	1.44
-1 m	5 000*	9.96	3 131	9.96			6 360	3 701	7 656	4 474	9 457	5 508	12 130	6 964	16 238*	9 186	20 965*	13 075	13 242*	13 242*			9 183*	2.02	7 958*	1.41
-2 m	5 671*	9.59	3 304	9.59			6 303	3 649	7 560	4 387	9 322	5 388	11 957	6 814	16 341	9 018	20 856*	12 927	15 674*	15 674*			11 755*	2.02	10 451*	1.41
-3 m	6 205	9.10	3 594	9.10			6 306	3 651	7 526	4 356	9 265	5 337	11 886	6 753	16 073*	8 966	20 207*	12 923	18 686*	18 686*			14 554*	2.02	13 075*	1.41
-4 m	6 978	8.46	4 061	8.46					7 570	4 395	9 290	5 359	11 913	6 776	15 293*	9 014	19 006*	13 037	22 370*	22 258			17 690*	2.02	15 933*	1.41
-5 m	8 274	7.63	4 841	7.63							9 415	5 470	11 501*	6 891	13 933*	9 163	17 151*	13 268	21 822*	21 822*			21 320*	2.02	19 141*	1.41
-6 m	8 364*	6.54	6 288	6.54									9 527*	7 128	11 744*	9 435	14 401*	13 639	17 996*	17 996*			23 692*	2.02	24 179*	1.96

SH330LC-5

SHOE : 600 (mm)G
BUCKET : SAE/PCSA 1.4 (m^3)
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	
7 m	4 898*	8.24	4 898*	8.24					5 883*	5 732													7 282*	7.31	6 811	7.31
6 m	4 577*	8.83	4 577*	8.83					7 383*	5 659													7 599*	7.03	7 173	7.03
5 m	4 627*	9.21	4 210	9.21			5 786*	4 414	7 674*	5 523	8 112*	7 002											8 473*	6.38	8 200	6.38
4 m	4 750*	9.48	3 898	9.48			7 010	4 312	8 082*	5 349	8 760*	6 733	9 742*	8 693	11 232*	11 232*							19 576*	2.22	19 576*	2.22
3 m	4 949*	9.63	3 691	9.63			6 877	4 190	8 393	5 157	9 475*	6 442	10 833*	8 246	12 960*	10 975	16 682*	15 599	13 770*	13 770*			9 276*	2.82	9 276*	2.82
2 m	5 238*	9.67	3 571	9.67			6 742	4 065	8 183	4 966	10 170	6 160	11 873*	7 823	14 541*	10 310	19 190*	14 468	7 202*	7 202*			6 847*	2.98	6 847*	2.98
1 m	5 639*	9.62	3 530	9.62			6 619	3 952	7 995	4 796	9 893	5 914	12 689	7 470	15 731*	9 800	20 358*	13 753	8 056*	8 056*			6 049*	2.77	6 049*	2.77
0 m	6 044	9.45	3 570	9.45			6 522	3 863	7 844	4 659	9 677	5 721	12 387	7 208	16 428*	9 464	19 964*	13 390	10 641*	10 641*			8 153*	2.26	8 153*	2.26
-1 m	6 285	9.17	3 703	9.17			6 465	3 811	7 741	4 566	9 530	5 590	12 195	7 042	16 621	9 278	21 159*	13 243	13 781*	13 781*			10 088*	2.02	10 586*	1.67
-2 m	6 715	8.77	3 956	8.77					7 697	4 526	9 457	5 525	12 105	6 964	16 402*	9 210	20 524*	13 234	17 362*	17 362*			13 547*	2.02	12 458*	1.41
-3 m	7 425	8.22	4 381	8.22			7 727	4 553	9 462	5 530	12 110	6 968	15 706*	9 238	19 388*	13 330	21 510*	21 510*					17 180*	2.02	15 736*	1.41
-4 m	8 618	7.50	5 096	7.50					9 561	5 618	12 010*	7 057	14 476*	9 360	17 672*	13 526	22 093*	22 093*					21 233*	2.02	19 329*	1.41
-5 m	9 037*	6.55	6 392	6.55							10 249*	7 256	12 506*	9 589	15 170*	13 843	18 632*	18 632*					23 640*	2.03	23 640*	2.03
-6 m	8 689*	5.24	8 689*	5.24									9 239*	9 239*	11 421*	11 421*							12 254*	3.63	12 254*	3.63

SH330LC-5

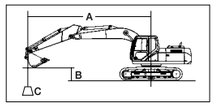
SHOE : 600 (mm)G
BUCKET : SAE/PCSA 1.6 (m^3)
ARM LENGTH = 2.63 (m)
MAXIMUM REACH = 9.18 (m)
BOOM : 6.45 (m)

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	
7 m	7 898*	7.51	6 271	7.51							8 079*	7 167											8 137*	6.96	7 795	6.96
6 m	6 627*	8.28	5 126	8.28					8 023*	5 493	8 311*	7 036											8 614*	6.34	8 368	6.34
5 m	6 695*	8.69	4 588	8.69					8 231*	5 381	8 764*	6 822	9 572*	8 857									10 140*	5.48	10 140*	5.48
4 m	6 871*	8.97	4 227	8.97					8 468	5 222	9 353*	6 560	10 520*	8 435	12 351*	11 281	15 551*	15 551*					20 698*	3.20	20 698*	3.20
3 m	6 615	9.13	3 993	9.13			6 786	4 104	8 272	5 045	9 994*	6 281	11 522*	7 998	13 965*	10 555	18 412*	14 755					15 219*	3.63	15 219*	3.63
2 m	6 456	9.18	3 863	9.18			6 674	4 001	8 082	4 873	10 014	6 019	12 429*	7 602	15 325*	9 943	16 544*	13 787					11 387*	3.76	11 387*	3.76
1 m	6 441	9.12	3 828	9.12			6 577	3 912	7 919	4 724	9 768	5 800	12 487	7 292	16 211*	9 520	15 381*	13 326					9 654*	3.60	9 654*	3.60
0 m	6 575	8.95	3 890	8.95					7 798	4 615	9 590	5 641	12 245	7 082	16 578*	9 278	17 757*	13 162					9 009*	3.11	9 009*	3.11
-1 m	6 887	8.65	4 067	8.65					7 733	4 556	9 486	5 549	12 114	6 968	16 477*	9 174	20 542*	13 145	13 410*	13 410*			12 086*	2.32	12 086*	2.32
-2 m	7 443	8.22	4 395	8.22					7 740	4 563	9 463	5 528	12 085	6 944	15 940*	9 177	19 553*	13 226	18 588*	18 588*			14 660*	2.02	13 986*	1.65
-3 m	8 382	7.64	4 956	7.64							9 531	5 588	12 156	7 005	14 930*	9 273	18 083*	13 398	22 097*	22 097*			19 641*	2.02	18 697*	1.68
-4 m	9 197*	6.85	5 935	6.85									11 046*	7 167	13 309*	9 469	15 974*	13 676	19 248*	19 248*			23 321*	2.05	23 321*	2.05
-5 m	8 906*	5.80	7 873	5.80											10 707*	9 806	12 895*	12 895*	15 242*	15 242*			15 307*	2.97	15 307*	2.97
-6 m																								

https://truckmanualshub.com/

Lifting Capacity

Notes: 1. Ratings are based on SAE J/ISO 10567
2. Lifting capacity does not exceed 75% of tipping load with the machine on firm, level ground or 87% full hydraulic capacity.
3. The load point is a hook (not standard equipment) located on the back of the bucket.
4. *Indicates load limited by hydraulic capacity.
5. 0m = Ground.



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

Load Radius Over Front
Load Radius Over Side

Unit : kg

SH330-5

SHOE : 800 (mm)G
BUCKET : SAE/PCSA 1.15 (m^3)
ARM LENGTH = 4.04 (m)
MAXIMUM REACH = 10.43 (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			
7 m	3 618*	9.15	3 618*	9.15			4 144*	4 144*															6 033*	8.11	5 782	8.11
6 m	3 508*	9.65	3 508*	9.65			5 494*	4 618	6 483*	5 825													6 493*	7.88	5 998	7.88
5 m	3 531*	10.00	3 531*	10.00	3 541*	3 541*	6 476*	4 519	6 830*	5 663													6 998*	7.38	6 560	7.38
4 m	3 604*	10.30	3 366	10.30	4 681*	3 547	6 381	4 386	7 289*	5 463	7 804*	6 915											8 142*	6.48	7 888	6.48
3 m	3 731*	10.40	3 191	10.40	5 150	3 452	6 221	4 236	7 624	5 241	8 577*	6 590	9 668*	8 501	11 322*	11 322*							19 980*	2.94	19 980*	2.94
2 m	3 916*	10.40	3 084	10.40	5 043	3 351	6 056	4 081	7 382	5 016	9 200	6 264	10 825*	8 014	13 090*	10 658	16 971*	15 147	15 271*	15 271*			6 602*	2.38	6 602*	2.38
1 m	4 173*	10.40	3 039	10.40	4 942	3 255	5 901	3 935	7 157	4 807	8 875	5 965	11 370	7 580	14 582*	10 006	19 158*	14 115	11 174*	11 174*			4 918*	2.12	4 918*	2.12
0 m	4 522*	10.20	3 056	10.20	4 858	3 176	5 768	3 810	6 965	4 628	8 603	5 715	10 987	7 235	14 805	9 527	20 451*	13 468	11 520*	11 520*	6 697*	6 697*	6 303*	1.86	6 250*	1.44
-1 m	4 832	9.96	3 144	9.96			5 668	3 716	6 818	4 491	8 400	5 528	10 714	6 988	14 451	9 217	20 965*	13 119	13 242*	13 242*	9 127*	9 127*	8 779*	1.86	7 958*	1.41
-2 m	5 096	9.59	3 318	9.59			5 612	3 664	6 724	4 404	8 269	5 408	10 547	6 838	14 259	9 050	20 856*	12 971	15 674*	15 674*	11 698*	11 698*	11 344*	1.86	10 451*	1.41
-3 m	5 526	9.10	3 608	9.10			5 615	3 666	6 692	4 373	8 214	5 357	10 479	6 777	14 199	8 997	20 207*	12 967	18 686*	18 686*	14 492*	14 492*	14 102*	1.86	13 075*	1.41
-4 m	6 215	8.46	4 077	8.46					6 734	4 413	8 237	5 379	10 505	6 801	14 254	9 046	19 006*	13 081	22 370*	22 329	17 618*	17 618*	17 163*	1.86	15 933*	1.41
-5 m	7 365	7.63	4 859	7.63							8 358	5 490	10 632	6 915	13 933*	9 195	17 151*	13 312	21 822*	21 822*	21 232*	21 232*	20 674*	1.86	19 141*	1.41
-6 m	8 364*	6.54	6 309	6.54									9 527*	7 152	11 744*	9 467	14 401*	13 682	17 996*	17 996*	23 861*	23 861*	24 179*	1.96	24 179*	1.96

SH330-5

SHOE : 800 (mm)G
BUCKET : SAE/PCSA 1.4 (m^3)
ARM LENGTH = 3.25 (m)
MAXIMUM REACH = 9.67 (m)
BOOM : 6.45 (m)

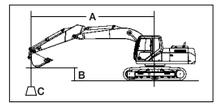
Bucket Hook Height	Radius of Load																									
	Max. Radius				10 m		9 m		8 m		7 m		6 m		5 m		4 m		3 m		2 m		Min. Radius			
7 m	4 898*	8.24	4 898*	8.24					5 883*	5 749													7 282*	7.31	6 830	7.31
6 m	4 577*	8.83	4 577*	8.83					7 383*	5 676													7 599*	7.03	7 193	7.03
5 m	4 627*	9.21	4 224	9.21			5 786*	4 429	7 674*	5 540	8 112*	7 022											8 473*	6.38	8 223	6.38
4 m	4 750*	9.48	3 912	9.48			6 307	4 327	7 746	5 366	8 760*	6 753	9 742*	8 718	11 232*	11 232*							19 576*	2.22	19 576*	2.22
3 m	4 949*	9.63	3 705	9.63			6 178	4 205	7 540	5 174	9 402	6 462	10 833*	8 271	12 960*	11 006	16 682*	15 643	13 770*	13 770*			9 276*	2.82	9 276*	2.82
2 m	5 238*	9.67	3 584	9.67			6 045	4 080	7 335	4 984	9 096	6 181	11 650	7 848	14 541*	10 341	19 190*	14 511	7 202*	7 202*			6 847*	2.98	6 847*	2.98
1 m	5 321	9.62	3 544	9.62			5 925	3 967	7 152	4 813	8 827	5 934	11 257	7 494	15 130	9 831	20 358*	13 797	8 056*	8 056*			6 049*	2.77	6 049*	2.77
0 m	5 403	9.45	3 584	9.45			5 830	3 878	7 005	4 676	8 617	5 741	10 967	7 233	14 746	9 495	19 964*	13 433	10 641*	10 641*			8 153*	2.26	8 153*	2.26
-1 m	5 614	9.17	3 718	9.17			5 774	3 825	6 905	4 583	8 475	5 610	10 783	7 067	14 533	9 309	21 159*	13 287	13 781*	13 781*	10 042*	10 042*	9 776*	1.86	10 586*	1.67
-2 m	5 995	8.77	3 971	8.77					6 862	4 543	8 404	5 545	10 696	6 989	14 455	9 241	20 524*	13 277	17 362*	17 362*	13 496*	13 496*	13 180*	1.86	12 458*	1.41
-3 m	6 626	8.22	4 398	8.22					6 891	4 570	8 409	5 550	10 700	6 992	14 488	9 270	19 388*	13 373	21 510*	21 510*	17 117*	17 117*	16 727*	1.86	15 736*	1.41
-4 m	7 684	7.50	5 114	7.50							8 506	5 639	10 799	7 081	14 476*	9 391	17 672*	13 570	22 093*	22 093*	21 154*	21 154*	20 655*	1.86	19 329*	1.41
-5 m	9 037*	6.55	6 413	6.55									10 249*	7 280	12 506*	9 621	15 170*	13 886	18 632*	18 632*			23 640*	2.03	23 640*	2.03
-6 m	8 689*	5.24	8 689*	5.24											9 239*	9 239*	11 421*	11 421*					12 254*	3.63	12 254*	3.63

SH330-5

SHOE : 800 (mm)G
BUCKET : SAE/PCSA 1.6 (m^3)
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			
7 m	7 898*	7.51	6 290	7.51							8 079*	7 188											8 137*	6.96	7 816	6.96
6 m	6 627*	8.28	5 142	8.28					7 903	5 510	8 311*	7 056											8 614*	6.34	8 390	6.34
5 m	6 693	8.69	4 604	8.69					7 782	5 398	8 764*	6 842	9 572*	8 882									10 140*	5.48	10 140*	5.48
4 m	6 226	8.97	4 242	8.97					7 612	5 239	9 353*	6 580	10 520*	8 460	12 351*	11 312	15 551*	15 551*					20 698*	3.20	20 698*	3.20
3 m	5 933	9.13	4 008	9.13			6 088	4 119	7 422	5 062	9 229	6 301	11 522*	8 022	13 965*	10 586	18 412*	14 798					15 219*	3.63	15 219*	3.63
2 m	5 783	9.18	3 878	9.18			5 978	4 016	7 236	4 890	8 944	6 039	11 407	7 627	15 298	9 975	16 544*	13 831					11 387*	3.76	11 387*	3.76
1 m	5 762	9.12	3 843	9.12			5 884	3 927	7 077	4 741	8 705	5 820	11 062	7 316	14 814	9 551	15 381*	13 370					9 654*	3.60	9 654*	3.60
0 m	5 876	8.95	3 905	8.95					6 959	4 632	8 532	5 661	10 829	7 106	14 537	9 309	17 757*	13 206					9 009*	3.11	9 009*	3.11
-1 m	6 150	8.65	4 082	8.65					6 896	4 573	8 432	5 569	10 704	6 993	14 418	9 206	20 542*	13 189	13 410*	13 410*			12 086*	2.32	12 086*	2.32
-2 m	6 643	8.22	4 412	8.22					6 903	4 580	8 409	5 548	10 676	6 968	14 422	9 209	19 553*	13 270	18 588*	18 588*	14 611*	14 611*	14 321*	1.86	13 986*	1.65
-3 m	7 475	7.64	4 974	7.64							8 475	5 609	10 744	7 029	14 531	9 304	18 083*	13 442	22 097*	22 097*	19 574*	19 574*	19 164*	1.86	18 697*	1.68
-4 m	8 937	6.85	5 955	6.85									10 924	7 192	13 309*	9 500	15 974*	13 720	19 248*	19 248*			23 321*	2.05	23 321*	2.05
-5 m	8 906*	5.80	7 898	5.80											10 707*	9 838	12 895*	12 895*	15 242*	15 242*			15 307*	2.97	15 307*	2.97
-6 m																										

Notes: 1. Ratings are based on SAE J/ISO 10567
2. Lifting capacity does not exceed 75% of tipping load with the machine on firm, level ground or 87% full hydraulic capacity.
3. The load point is a hook (not standard equipment) located on the back of the bucket.
4. *Indicates load limited by hydraulic capacity.
5. 0m = Ground.



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

Load Radius Over Front
Load Radius Over Side

Unit : kg

SH330LC-5

SHOE : 800 (mm)G
BUCKET : SAE/PCSA 1.15 (m^3)
ARM LENGTH = 4.04 (m)
MAXIMUM REACH = 10.43 (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			
7 m	3 618*	9.15	3 618*	9.15			4 144*	4 144*															6 033*	8.11	5 894	8.11
6 m	3 508*	9.65	3 508*	9.65			5 494*	4 717	6 483*	5 938													6 493*	7.88	6 114	7.88
5 m	3 531*	10.00	3 531*	10.00	3 541*	3 541*	6 476*	4 617	6 830*	5 777													6 998*	7.38	6 686	7.38
4 m	3 604*	10.30	3 450	10.30	4 681*	3 634	6 917*	4 485	7 289*	5 577	7 804*	7 049											8 142*	6.48	8 035	6.48
3 m	3 731*	10.40	3 274	10.40	5 479*	3 539	7 102	4 334	7 815*	5 355	8 577*	6 724	9 668*	8 664	11 322*	11 322*							19 980*	2.94	19 980*	2.94
2 m	3 916*	10.40	3 167	10.40	5 790	3 438	6 934	4 179	8 357*	5 130	9 364*	6 397	10 825*	8 177	13 090*	10 866	16 971*	15 436	15 271*	15 271*			6 602*	2.38	6 602*	2.38
1 m	4 173*	10.40	3 122	10.40	5 687	3 343	6 775	4 034	8 211	4 920	10 085*	6 098	11 855*	7 743	14 582*	10 214	19 158*	14 404	11 174*	11 174*			4 918*	2.12	4 918*	2.12
0 m	4 522*	10.20	3 141	10.20	5 602	3 263	6 639	3 909	8 014	4 742	9 916	5 849	12 656*	7 398	15 645*	9 735	20 451*	13 757	11 520*	11 520*			6 761*	2.02	6 250*	1.44
-1 m	5 000*	9.96	3 232	9.96			6 537	3 815	7 863	4 605	9 706	5 662	12 440	7 151	16 238*	9 426	20 965*	13 407	13 242*	13 242*			9 183*	2.02	7 958*	1.41
-2 m	5 671*	9.59	3 409	9.59			6 480	3 762	7 767	4 517	9 571	5 542	12 267	7 001	16 377*	9 258	20 856*	13 259	15 674*	15 674*			11 755*	2.02	10 451*	1.41
-3 m	6 380	9.10	3 706	9.10			6 483	3 765	7 733	4 487	9 513	5 491	12 197	6 940	16 073*	9 206	20 207*	13 255	18 686*	18 686*			14 554*	2.02	13 075*	1.41
-4 m	7 171	8.46	4 184	8.46					7 777	4 526	9 538	5 513	12 224	6 964	15 293*	9 254	19 006*	13 369	22 370*	22 370*			17 690*	2.02	15 933*	1.41
-5 m	8 303*	7.63	4 979	7.63							9 499*	5 624	11 501*	7 078	13 933*	9 403	17 151*	13 600	21 822*	21 822*			21 320*	2.02	19 141*	1.41
-6 m	8 364*	6.54	6 455	6.54									9 527*	7 315	11 744*	9 675	14 401*	13 971	17 996*	17 996*			23 692*	2.02	24 179*	1.96

SH330LC-5

SHOE : 800 (mm)G
BUCKET : SAE/PCSA 1.4 (m^3)
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			
7 m	4 898*	8.24	4 898*	8.24					5 883*	5 863													7 282*	7.31	6 957	7.31
6 m	4 577*	8.83	4 577*	8.83					7 383*	5 789													7 599*	7.03	7 326	7.03
5 m	4 627*	9.21	4 320	9.21			5 786*	4 527	7 674*	5 654	8 112*	7 156											8 473*	6.38	8 373	6.38
4 m	4 750*	9.48	4 005	9.48			7 187	4 425	8 082*	5 480	8 760*	6 887	9 742*	8 881	11 232*	11 232*							19 576*	2.22	19 576*	2.22
3 m	4 949*	9.63	3 796	9.63			7 055	4 303	8 549*	5 288	9 475*	6 596	10 833*	8 434	12 960*	11 215	16 682*	15 932	13 770*	13 770*			9 276*	2.82	9 276*	2.82
2 m	5 238*	9.67	3 675	9.67			6 919	4 179	8 390	5 097	10 174*	6 314	11 873*	8 011	14 541*	10 550	19 190*	14 800	7 202*	7 202*			6 847*	2.98	6 847*	2.98
1 m	5 639*	9.62	3 635	9.62			6 796	4 065	8 202	4 926	10 142	6 068	12 729*	7 657	15 731*	10 039	20 358*	14 086	8 056*	8 056*			6 049*	2.77	6 049*	2.77
0 m	6 192*	9.45	3 677	9.45			6 699	3 977	8 051	4 789	9 925	5 875	12 698	7 396	16 428*	9 704	19 964*	13 722	10 641*	10 641*			8 153*	2.26	8 153*	2.26
-1 m	6 458	9.17	3 814	9.17			6 642	3 924	7 948	4 697	9 778	5 744	12 506	7 230	16 641*	9 518	21 159*	13 575	13 781*	13 781*			10 088*	2.02	10 586*	1.67
-2 m	6 898	8.77	4 073	8.77					7 904	4 657	9 705	5 679	12 416	7 152	16 402*	9 449	20 524*	13 566	17 362*	17 362*			13 547*	2.02	12 458*	1.41
-3 m	7 624	8.22	4 508	8.22					7 934	4 683	9 710	5 684	12 420	7 155	15 706*	9 478	19 388*	13 662	21 510*	21 510*			17 180*	2.02	15 736*	1.41
-4 m	8 844	7.50	5 237	7.50							9 810	5 772	12 010*	7 244	14 476*	9 599	17 672*	13 859	22 093*	22 093*			21 233*	2.02	19 329*	1.41
-5 m	9 037*	6.55	6 559	6.55									10 249*	7 443	12 506*	9 829	15 170*	14 175	18 632*	18 632*			23 640*	2.03	23 640*	2.03
-6 m	8 689*	5.24	8 689*	5.24											9 239*	9 239*	11 421*	11 421*					12 254*	3.63	12 254*	3.63

SH330LC-5

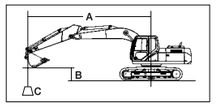
SHOE : 800 (mm)G
BUCKET : SAE/PCSA 1.6 (m^3)
ARM LENGTH = 2.63 (m)
MAXIMUM REACH = 9.18 (m)
BOOM : 6.45 (m)

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			
7 m	7 898*	7.51	6 413	7.51							8 079*	7 321											8 137*	6.96	7 958	6.96
6 m	6 627*	8.28	5 251	8.28					8 023*	5 624	8 311*	7 190											8 614*	6.34	8 542	6.34
5 m	6 695*	8.69	4 706	8.69					8 231*	5 512	8 764*	6 976	9 572*	9 045									10 140*	5.48	10 140*	5.48
4 m	6 871*	8.97	4 341	8.97					8 572*	5 353	9 353*	6 714	10 520*	8 623	12 351*	11 520	15 551*	15 551*					20 698*	3.20	20 698*	3.20
3 m	6 789	9.13	4 105	9.13			6 964	4 218	8 479	5 176	9 994*	6 435	11 522*	8 185	13 965*	10 794	18 412*	15 087					15 219*	3.63	15 219*	3.63
2 m	6 629	9.18	3 974	9.18			6 851	4 115	8 289	5 003	10 263	6 173	12 429*	7 790	15 325*	10 183	16 544*	14 119					11 387*	3.76	11 387*	3.76
1 m	6 615	9.12	3 940	9.12			6 755	4 026	8 125	4 855	10 017	5 954	12 798	7 479	16 211*	9 760	15 381*	13 658					9 654*	3.60	9 654*	3.60
0 m	6 754	8.95	4 005	8.95					8 005	4 746	9 838	5 795	12 556	7 269	16 578*	9 517	17 757*	13 494					9 009*	3.11	9 009*	3.11
-1 m	7 074	8.65	4 186	8.65					7 940	4 687	9 735	5 703	12 425	7 156	16 477*	9 414	20 542*	13 477	13 410*	13 410*			12 086*	2.32	12 086*	2.32
-2 m	7 643	8.22	4 521	8.22					7 947	4 693	9 711	5 682	12 396	7 131	15 940*	9 417	19 553*	13 558	18 588*	18 588*			14 660*	2.02	13 986*	1.65
-3 m	8 602	7.64	5 094	7.64							9 779	5 743	12 446*	7 192	14 930*	9 513	18 083*	13 730	22 097*	22 097*			19 641*	2.02	18 697*	1.68
-4 m	9 197*	6.85	6 093	6.85									11 046*	7 355	13 309*	9 708	15 974*	14 008	19 248*	19 248*			23 321*	2.05	23 321*	2.05
-5 m	8 906*	5.80	8 069	5.80											10 707*	10 046	12 895*	12 895*	15 242*	15 242*			15 307*	2.97	15 307*	2.97
-6 m																										

https://truckmanualshub.com/

Lifting Capacity

Notes: 1. Ratings are based on SAE J/ISO 10567
2. Lifting capacity does not exceed 75% of tipping load with the machine on firm, level ground or 87% full hydraulic capacity.
3. The load point is a hook (not standard equipment) located on the back of the bucket.
4. *Indicates load limited by hydraulic capacity.
5. 0m = Ground.



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

Load Radius Over Front
Load Radius Over Side

Unit : kg

SH350HD-5

SHOE : 600 (mm)G
BUCKET : SAE/PCSA 1.4 (m^3)
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			
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*	9 717*	9 451*	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											8 593*	8 593*	10 699*	10 699*					11 495*	3.63	11 495*	3.63

SH350HD-5

SHOE : 600 (mm)G
BUCKET : SAE/PCSA 1.6 (m^3)
ARM LENGTH = 2.63 (m)
MAXIMUM REACH = 9.18 (m)
BOOM : 6.45 (m)

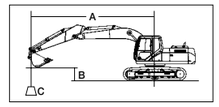
Bucket Hook Height	Radius of Load																									
	Max. Radius				10 m		9 m		8 m		7 m		6 m		5 m		4 m		3 m		2 m		Min. Radius			
7 m	7 587*	7.51	6 417	7.51							7 647*	7 373											7 711*	6.69	7 711*	6.69
6 m	6 315*	8.28	5 196	8.28					7 568*	5 588	7 870*	7 231											8 181*	6.34	8 181*	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 (m^3)
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			
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*	9 995	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											8 593*	8 593*	10 699*	10 699*					11 495*	3.63	11 495*	3.63

Notes: 1. Ratings are based on SAE J/ISO 10567
2. Lifting capacity does not exceed 75% of tipping load with the machine on firm, level ground or 87% full hydraulic capacity.
3. The load point is a hook (not standard equipment) located on the back of the bucket.
4. *Indicates load limited by hydraulic capacity.
5. 0m = Ground.



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

Load Radius Over Front
Load Radius Over Side

Unit : kg

SH350HD-5

SHOE : 800 (mm)G
BUCKET : SAE/PCSA 1.4 (m^3)
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			
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*	5 865									7 148*	7.03	7 148*	7.03
5 m	4 302*	9.21	4 298	9.21			5 462*	4 519	7 196*	5 718	7 643*	7 316											8 010*	6.38	8 010*	6.38
4 m	4 426*	9.48	3 961	9.48			6 492	4 408	7 588*	5 528	8 266*	7 020	9 247*	9 134	10 730*	10 730*							19 239*	2.22	19 239*	2.22
3 m	4 626*	9.63	3 737	9.63			6 350	4 275	7 808	5 318	8 955*	6 701	10 297*	8 642	12 394*	11 574	16 051*	16 051*	13 438*	13 438*			8 946*	2.82	8 946*	2.82
2 m	4 915*	9.67	3 606	9.67			6 205	4 139	7 583	5 109	9 461	6 392	11 298*	8 176	13 915*	10 840	18 465*	15 282	6 875*	6 875*			6 520*	2.98	6 520*	2.98
1 m	5 316*	9.62	3 561	9.62			6 074	4 015	7 382	4 921	9 166	6 120	11 750	7 786	15 060*	10 276	19 917*	14 491	7 729*	7 729*			5 724*	2.77	5 724*	2.77
0 m	5 515	9.45	3 603	9.45			5 970	3 918	7 221	4 771	8 935	5 908	11 430	7 498	15 438	9 905	19 633*	14 089	10 314*	10 314*			7 824*	2.26	7 824*	2.26
-1 m	5 739	9.17	3 746	9.17			5 909	3 860	7 111	4 669	8 778	5 764	11 227	7 315	15 204	9 701	20 334*	13 929	13 453*	13 453*	9 717	9 717	9 451*	1.86	10 258*	1.67
-2 m	6 144	8.77	4 016	8.77					7 065	4 626	8 701	5 693	11 132	7 230	15 119	9 626	19 700*	13 921	17 034*	17 034*	13 169*	13 169*	12 854*	1.86	12 132*	1.41
-3 m	6 815	8.22	4 473	8.22					7 097	4 656	8 708	5 700	11 139	7 235	14 988*	9 660	18 575*	14 030	21 181*	21 181*	16 790*	16 790*	16 400*	1.86	15 409*	1.41
-4 m	7 943	7.50	5 240	7.50							8 815	5 798	11 249	7 335	13 770*	9 796	16 877*	14 251	21 160*	21 160*	20 825*	20 825*	20 327*	1.86	19 001*	1.41
-5 m	8 442*	6.55	6 632	6.55									9 625*	7 556	11 823*	10 052	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											8 593*	8 593*	10 699*	10 699*					11 495*	3.63	11 495*	3.63

SH350HD-5

SHOE : 800 (mm)G
BUCKET : SAE/PCSA 1.6 (m^3)
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			
7 m	7 587*	7.51	6 543	7.51							7 647*	7 510											7 711*	6.69	7 711*	6.69
6 m	6 315*	8.28	5 308	8.28					7 568*	5 704	7 870*	7 368											8 181*	6.34	8 181*	6.34
5 m	6 382*	8.69	4 728	8.69					7 768*	5 584	8 305*	7 137	9 117*	9 117*									9 686*	5.48	9 686*	5.48
4 m	6 424	8.97	4 338	8.97					7 908	5 412	8 874*	6 853	10 032*	8 872	11 844*	11 844*	15 003*	15 003*					20 063*	3.20	20 063*	3.20
3 m	6 110	9.13	4 086	9.13			6 275	4 206	7 701	5 220	9 492*	6 550	11 000*	8 396	13 404*	11 145*	17 769*	15 653					14 916*	3.63	14 916*	3.63
2 m	5 948	9.18	3 946	9.18			6 157	4 094	7 500	5 032	9 321	6 265	11 875*	7 966	14 717*	10 478	16 240*	14 596					11 080*	3.76	11 080*	3.76
1 m	5 924	9.12	3 907	9.12			6 054	3 998	7 327	4 871	9 062	6 027	11 572	7 628	15 563	10 017	15 075*	14 093					9 345*	3.60	9 345*	3.60
0 m	6 044	8.95	3 974	8.95					7 199	4 752	8 874	5 854	11 318	7 399	15 261	9 753	17 450*	13 914					8 698*	3.11	8 698*	3.11
-1 m	6 336	8.65	4 163	8.65					7 130	4 688	8 765	5 753	11 182	7 276	15 132	9 640	19 784*	13 895	13 100*	13 100*			11 769*	2.32	11 769*	2.32
-2 m	6 860	8.22	4 515	8.22					7 138	4 695	8 740	5 730	11 151	7 249	15 136	9 644	18 801*	13 985	18 279*	18 279*	14 300*	14 300*	14 009*	1.86	13 674*	1.65
-3 m	7 747	7.64	5 117	7.64							8 812	5 796	11 225	7 315	14 271*	9 748	17 344*	14 173	21 237*	21 237*	19 265*	19 265*	18 854*	1.86	18 387*	1.68
-4 m	8 646*	6.85	6 170	6.85									10 457*	7 492	12 665*	9 962	15 255*	14 477	18 416*	18 416*			22 293*	2.05	22 293*	2.05
-5 m	8 332*	5.80	8 254	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 1.6 (m^3)
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			
7 m	7 587*	7.51	6 510	7.51							7 647*	7 474											7 711*	6.69	7 711*	6.69
6 m	6 315*	8.28	5 278	8.28					7 568*	5 673	7 870*	7 332											8 181*	6.34	8 181*	6.34
5 m	6 382*	8.69	4 700	8.69					7 768*	5 553	8 305*	7 101	9 117*	9 117*									9 686*	5.48	9 686*	5.48
4 m	6 558*	8.97	4 311	8.97					8 096*	5 381	8 874*	6 816	10 032*	8 828	11 844*	11 844*	15 003*	15 003*					20 063*	3.20	20 063*	3.20
3 m	6 812	9.13	4 060	9.13			6 995	4 179	8 479*	5 189	9 492*	6 513	11 000*	8 352	13 404*	11 088	17 769*	15 574*					14 916*	3.63	14 916*	3.63
2 m	6 641	9.18	3 920	9.18			6 873	4 067	8 372	5 001	10 074*	6 228	11 875*	7 922	14 717*	10 422	16 240*	14 517					11 080*	3.76	11 080*	3.76
1 m	6 623	9.12	3 881	9.12			6 768	3 971	8 194	4 840	10 160	5 990	12 533*	7 583	15 571*	9 960	15 075*	14 014					9 345*	3.60	9 345*	3.60
0 m	6 764	8.95	3 947	8.95					8 063	4 721	9 965	5 817	12 782	7 354	15 919*	9 696	17 450*	13 835					8 698*	3.11	8 698*	3.11
-1 m	7 095	8.65	4 134	8.65					7 993	4 657	9 853	5 717	12 640	7 231	15 810*	9 583	19 784*	13 817	13 100*	13 100*			11 769*	2.32	11 769*	2.32
-2 m	7 685	8.22	4 485	8.22					8 000	4 664	9 827	5 694	12 607*	7 204	15 273*	9 587	18 801*	13 906	18 279*	18 279*			14 349*	2.02	13 674*	1.65
-3 m	8 635*	7.64	5 085	7.64							9 843*	5 760	11 843*	7 271	14 271*	9 691	17 344*	14 094	21 237*	21 237*			19 332*	2.02	18 387*	1.68
-4 m	8 646*	6.85	6 132	6.85									10 457*	7 447	12 665*	9 905	15 255*	14 398	18 416*	18 416*			22 293*	2.05	22 293*	2.05
-5 m	8 332*	5.80	8 207	5.80											10 088*	10 088*	12 206*	12 206*	14 448*	14 448*			14 509*	2.97	14 509*	2.97
-6 m																										

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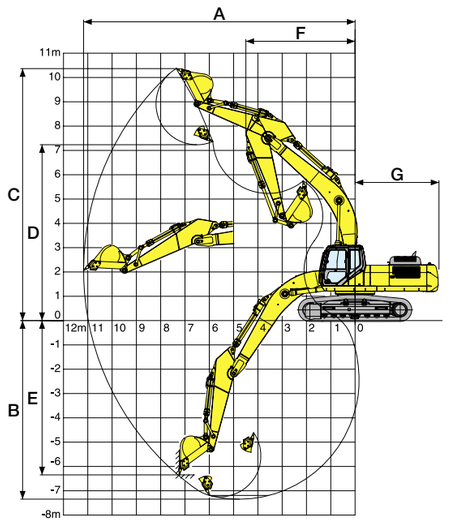
Working Range

		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	Make & model	ISUZU AH-6HK1XYSS			
	Rated output	202 kw/2 000 min^{-1}			
	Displacement	7 790 ml(cc)			
Hydraulic System	Main pump	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			
Performance	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	Fuel tank	580 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

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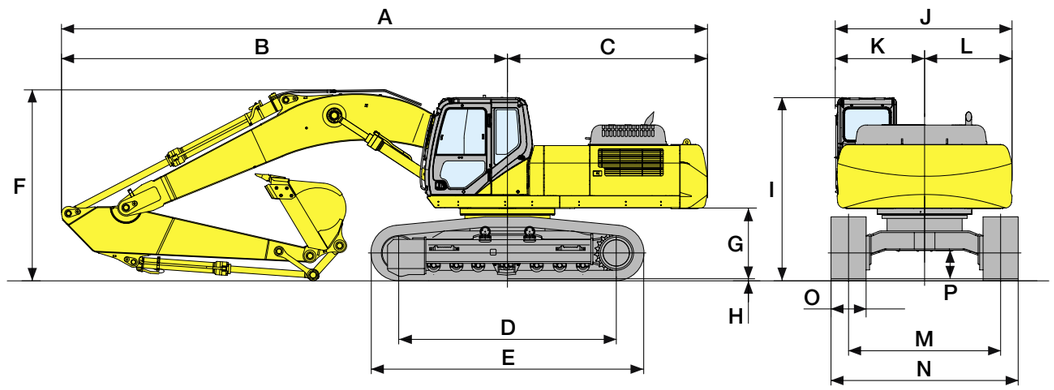
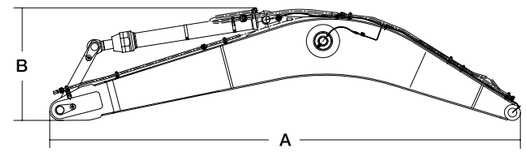
Dimensions



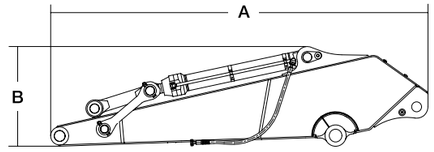
Model		SH330-5			SH330LC-5		
Arm length		2.63 m	3.25 m	4.04 m	2.63 m	3.25 m	4.04 m
A	Overall length	11 130 mm	11 050 mm	11 090 mm	11 130 mm	11 050 mm	11 090 mm
B	Length from center of machine (to arm top)	7 710 mm	7 630 mm	7 670 mm	7 710 mm	7 630 mm	7 670 mm
C	Upper structure rear end radius	3 450 mm					
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			

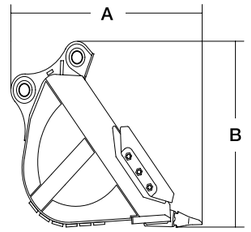
● Boom



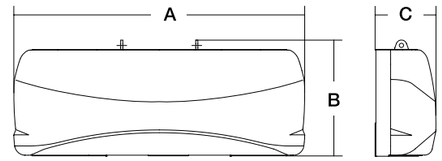
● Arm



● Bucket



● 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:mm		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	1 424	1 564
	Without side cutter	1 100	1 302	1 310	1 442	1 600	1 310	1 450
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