

# SUMITOMO

**The four-hundred year history of Sumitomo**

SUMITOMO is one of the largest business groups in Japan, tracing its roots back to the late 1600's when they started a mining and copper smelting business, and since then have expanded and diversified their business operations on a continuing basis.

# SUMITOMO

SH 330-6  
SH 330LC-6  
SH 350HD-6  
SH 350LHD-6

- Engine Rated Power (Net): 200 kW-271 PS
- Operating Weight:
  - SH330-6 .....34,100~34,900 kg
  - SH330LC-6 .....34,700~35,500 kg
  - SH350HD-6 .....36,200~36,900 kg
  - SH350LHD-6 .....36,700~37,600 kg
- Bucket Capacity (ISO Heaped): 1.4~1.9 m³





**SUMITOMO CONSTRUCTION  
MACHINERY CO., LTD.**

731-1 Naganumahara-cho, Inage-ku, Chiba, 263-0001 Japan  
For further information please contact: Phone : +81-43-420-1829    Facsimile : +81-43-420-1907



**PT. SUMITOMO CONSTRUCTION  
MACHINERY INDONESIA**

JL. Maligi VIII Lot T-1, Kawasan Industri KIIC Telukjambe Barat, Karawang, Jawa Barat 41361  
Tel : +62-21-8910-8686    Fax : +62-267-863-1790



**PT. SUMITOMO CONSTRUCTION  
MACHINERY SOUTHEAST ASIA**

Wisma GKBI 16th floor, Jl. Jend. Sudirman No.28, Jakarta 10210  
Tel : +62-21-5795-2254    Fax : +62-21-5795-1210

<http://www.sumitomokenki-asean.com/>

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.

Photos may include optional equipment



# ***Performance Refined. Evolution Defined.***

## **ENGINEERED IN JAPAN**

The world knows that Japanese designed and engineered products represent the highest quality, especially for Industrial Products. The hydraulic excavator is no exception when a totally integrated concept is required in design work involving key components, manufacturing engineering, and product quality assurance in the factory. SUMITOMO hydraulic excavators are designed and manufactured today to meet the global demands of our many customers with the concept of Performance, Reliability, and Fuel Efficiency foremost in our minds. This proven Japanese technology and quality gives SUMITOMO excavator customers total peace of mind and provide a complete solution for the demands of the construction industry.

## **Engine and Hydraulics** 04-07

- New Generation Engine System "SPACE 5+"
- New Hydraulic System "SIH:S+"
- SUMITOMO Fuel Efficiency Technology
- Increased Productivity Drastically

## **Durability and Maintenance** 08-11

- High Rigidity Attachments
- EMS
- Ground Level Maintenance

## **Safety and Operator Comfort** 12-17

- Stylish and Spacious Cabin
- High-Definition Full Colour LCD Monitor
- FVM®(Field View Monitor) (option)

## **Specifications** 18-23



**Performance Refined.  
Evolution Defined.**

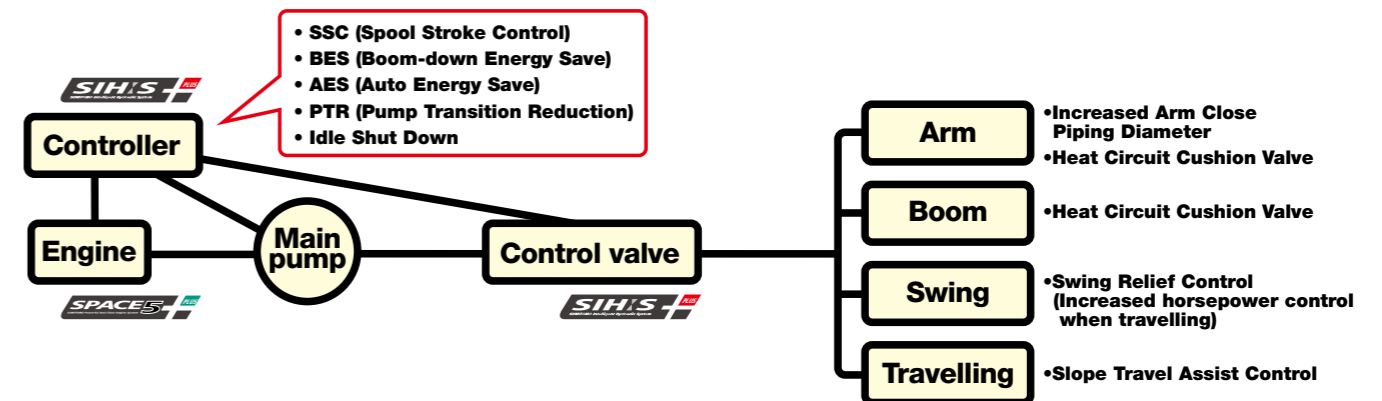
New Engine System **SPACE 5+ PLUS** + New Hydraulic System **SIHIS+ PLUS** = **5% Reduction in Fuel Consumption**  
(as compared with SH350HD-5 [H mode])

#### New Generation Engine System "SPACE 5+"

The new engine system optimises fuel efficiency and environmental performance via the advanced common rail fuel injection system and turbocharger with W/G (Waste Gate). At the same time, excellent response times are achieved.

## Engine and Hydraulics

SH350HD-6 has achieved a 5% fuel saving in comparison with our DASH 5 series, by fusing the new generation engine system "SPACE 5+" and the new hydraulic system "SIH:S+", further refining fuel efficiency. At the same time the newly developed ISUZU engine, contributes greatly to the environment.



#### Mode Selection by Throttle

SUMITOMO  
UNIQUE DESIGN

There are three working modes available:  
 SP (Super Power) for heavy duty applications,  
 H (Heavy) for normal working conditions,  
 A (Auto) for a wide range of operations.



#### Further Improvement of Fuel Consumption

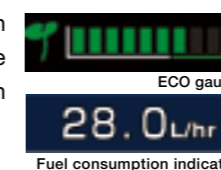
The new technology has improved operations and reduced fuel consumption on each working mode.

- H mode **5% Reduction in Fuel Consumption**
- A mode **10% Reduction in Fuel Consumption**  
(as compared with SH350HD-5)

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

#### ECO Gauge Showing Low Energy Operation

The energy saving conditions can be seen at a glance, as well as the fuel consumption indicator shown on the monitor.



#### SUMITOMO Technology for Fuel Efficiency

- SSC (Spool Stroke Control) **SUMITOMO UNIQUE DESIGN**  
Reduces engine load upon heavy duty operation.
- BES (Boom-down Energy Save) **SUMITOMO UNIQUE DESIGN**  
Lowers engine speed upon boom-down and swing operation which does not require large oil flow.
- AES (Auto Energy Save) **SUMITOMO UNIQUE DESIGN**  
Lowers engine speed accordingly when low engine load is sensed.
- PTR (Pump Transition Reduction)  
Decreases engine load when the pump flow requirement is reduced upon abrupt pump load.
- Idle Shut Down & Auto Idle

Upon activation, idle shut down automatically shuts the engine down when the machine is not in operation for set amount of time. Auto Idle is also available, which makes the engine begin idling approximately five seconds after the operation levers are in neutral position.





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## Engine and Hydraulics



SUMITOMO's original technology Spool Stroke Control (SSC), perfectly matches the engine and hydraulic power, and further improves the operational speed whilst maintaining smooth control of the machine.

### Work Efficiency Drastically Increased

Spool Stroke Control (SSC) variably controls spool port flow rate, depending on the condition of operation. Improved power, speed, and smoother controls mean that work efficiency is dramatically increased.

### 10% Faster Cycle Time (SP mode)

Speed increase by 10% in cycle time has been achieved, giving further advance in productivity (as compared with SH350HD-5 [SP mode]).

### Real Digging Power

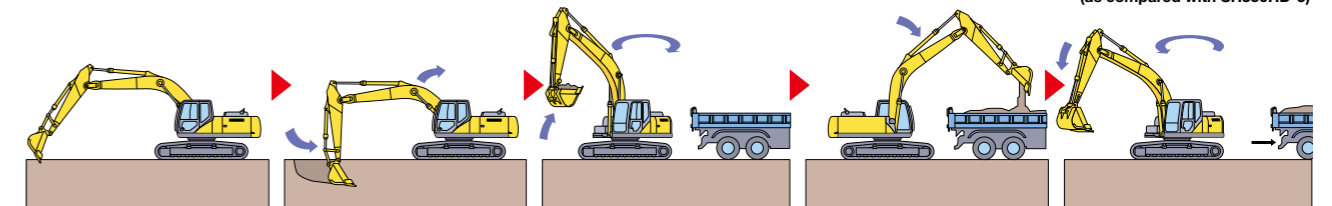
The true digging force cannot be expressed by a maximum digging power figure listed in sales brochures. With an improved hydraulic system and with a large arm cylinder, the arm-in motion speed slowdown is minimised. The digging power when combined with the attachment speed in motion convert to the operator's "Real Digging Power".

### Automatic Power Boost

The digging power increases automatically in quick response to the working conditions during heavy-duty digging work. This is a design unique to SUMITOMO, and continues for eight seconds (SP/H mode).

## Speed and Power, Increases Productivity Drastically

• SP mode **10%** faster cycle time      • H mode **7%** faster cycle time      • A mode **7%** faster cycle time  
(as compared with SH350HD-5)



\*Based on SUMITOMO's testing condition and results.

### Operating Condition Easily Viewable on Display

Various control such as working modes and auxiliary hydraulic setting can be easily selected by the universally designed switch panel, and what is being selected can be easily viewed on the 7" wide monitor.





# Durability

Heavy duty applications for SH350HD(LHD)-6

## EMS (Easy Maintenance System) as Standard

SUMITOMO's 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 lubrication interval is 1,000 hours, keeping the joints lubricated for a long time and extending the service life of parts by reducing abrasion and rattling.



EMS bushing

## ● Greasing interval: 1,000 hours

\* The greasing interval depends on the working conditions.

### Precautionary use of EMS

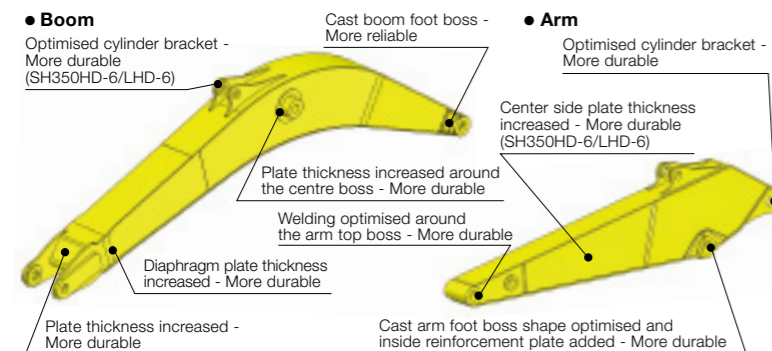
- ① Grease is enclosed, however greasing is necessary every 1000 hours or six months depending on the level of dusting conditions.
- ② Greasing is also necessary after any components have been submerged underwater for prolonged periods.
- ③ Greasing is also recommended after use with hydraulic breakers,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



Sections equipped with EMS bushing

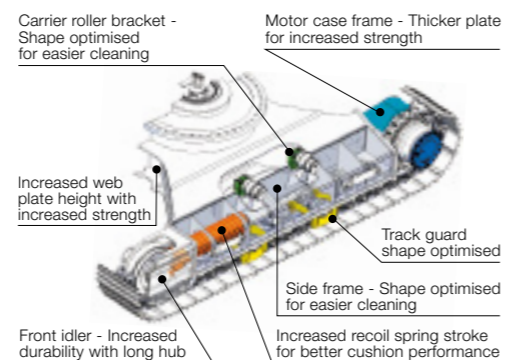
## High Rigidity Attachments

The structure of boom and arm has been further improved, ensuring strength and durability. In addition, high strength castings are used for boom base and arm end, improving durability.



## High Rigidity Undercarriage

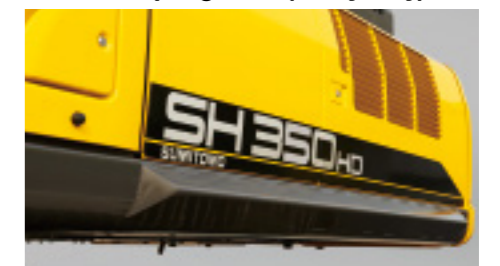
For improved mobility, the track system has been strengthened ensuring longer wear life, performance, and improved durability.



## ■ Strengthened side frame



## ■ Side bumper guards (heavy duty)





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## Maintenance

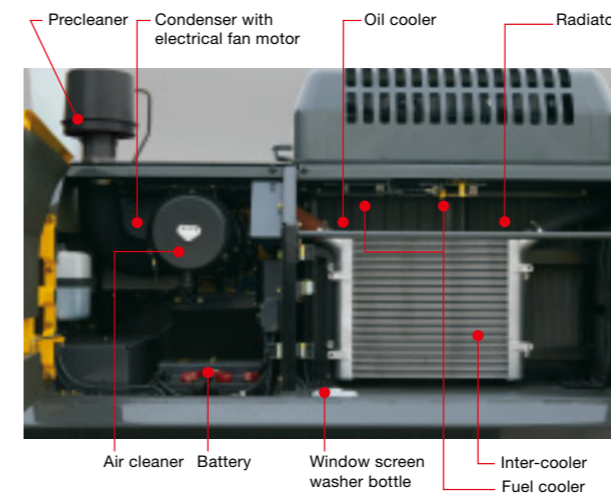
**Serviceability and durability are also important points of machine performance. Ground level access to the engine area makes daily maintenance extremely straightforward. Reliability has been further enhanced by increasing cooling capability and durability.**

### 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.

#### • Increased Cooling Capability

With the larger radiator and oil cooler, cooling capacity is increased, thus improving reliability. In addition, cleaning of the dust-proof net is simplified.



#### 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 as a nephron.



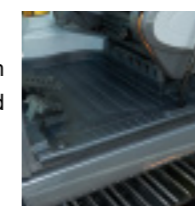
• **Hydraulic oil change: 5,000 hours**

• **Life of filter: 2,000 hours**

\* The oil and filter change interval varies by the working conditions.

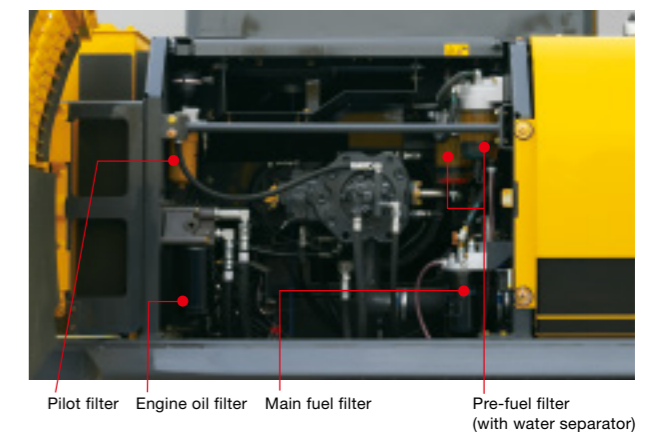
#### Cab Floor Mat **SUMITOMO** UNIQUE DESIGN

The washable floor mat has been redesigned for ease of removing and cleaning.



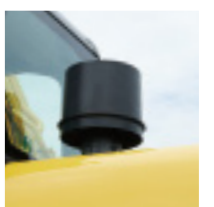
#### • Easy Filter Replacement

A fuel prefilter with water separator and water level sensor are provided as standard equipment to reduce maintenance trouble. In addition, the fuel and oil filters are installed at ground-accessible location to facilitate replacement.



#### Pre-air cleaner

An automatic exhaust type pre air cleaner is provided as standard. The air cleaner cleaning frequency is minimised, even when operating in dusty conditions.



#### Easy Access to A/C Filter

The air intake filter is located in a lockable compartment to make it easier to replace, and access to the inside cab filter has been simplified.



#### Fuse Box Location

The fuse box has been located in a separate compartment behind the seat, allowing easier access.





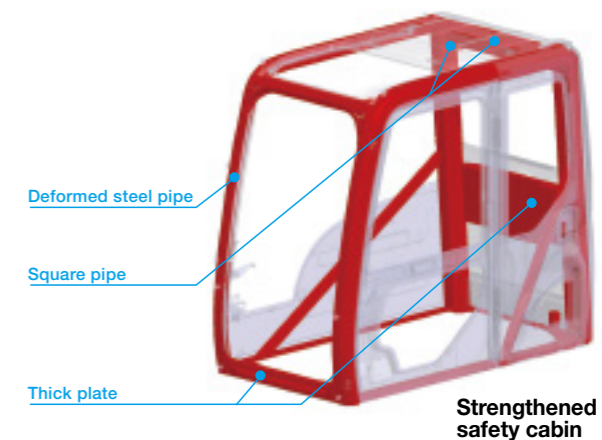
**Performance Refined.  
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## Safety and Operator Comfort

**A new strengthened safety cabin has been provided. The reinforced cabin greatly increases the operator's safety.**

### Newly Designed Strengthened Safety Cabin

The optimised design and strengthened parts increase the overall cabin strength.



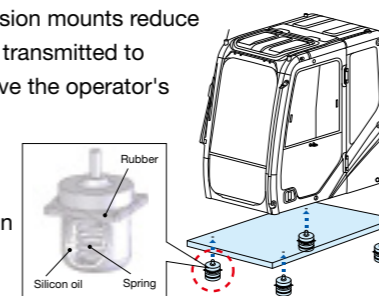
### Wide View Increases Safety of Work

In addition to the wide front view, the upper view has been widened to enhance work safety.



### New Cab Suspension Mounts

The new cab suspension mounts reduce vibration and impact transmitted to the cabin, and improve the operator's sitting quality and reduce operator fatigue. The sealed and pressurised cabin prevents entry of dust from outside.



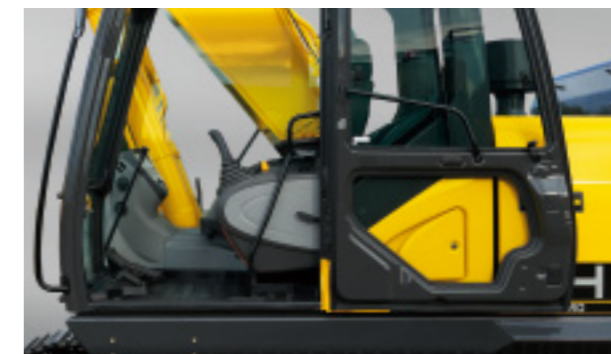
### New FOPS Level 2 Head Guard

FOPS Level 2 head guard is available as an option. The see-through grille has been redesigned for better protection and visibility.



### Safe and Easy Entry into and Exit from the Cab

A large handrail for easy opening/closing of the door and increased floor space permit the operator to get in and out of the cab easily.



### Easy Access to the Upper Structure



New larger front-right step



Non-slip plate



ISO-compliant large handrail

### Cab Front Guard (option)

Optional cab front guard improves operator's safety from flying objects.



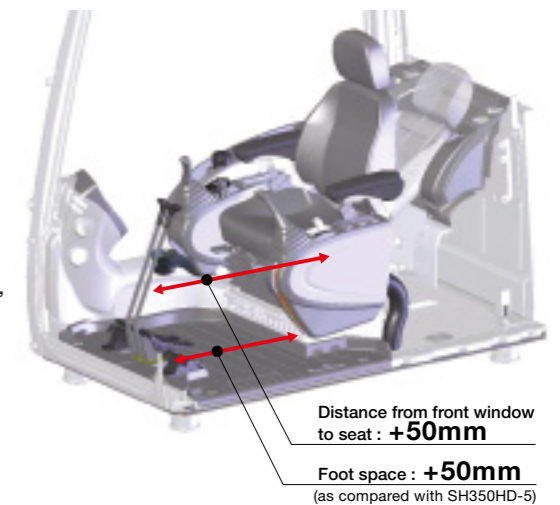
**Performance Refined.  
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## Safety and Operator Comfort

**The spacious cab on suspension mounts and reclining suspension seat softens operator fatigue and provide a relaxed environment.**

### Stylish and Spacious Cab

Wide cab space and floor space ensure more comfortable operation. In addition to the tilting console that is adjustable in four steps vertically, the increased sliding distance ensures optimum working conditions.



### Super-comfortable Reclining Seat

The seat reclining system allows the operator to lay the seat flat and to rest on site without having to remove the headrest. The suspension seat eliminates vibration and fatigue. Air suspension is also available as option.



The highly water repellant seat covering is tough on dirt and water.



The suspension seat eliminates vibration.

### Auxiliary Operation Pedal

The auxiliary operation pedal is lighter to depress and the pedal angle is adjustable.



### Comfortable Equipment



Luggage space



Hot & cool box



Magazine rack

### Automatic Air Conditioner

Fully automatic climate control is available through the eight vents, with an 8% stronger A/C unit, and a 24% improvement in airflow. (as compared with SH350HD-5)



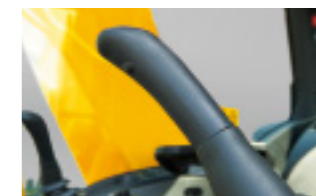
### Radio and Speaker with USB Port and MP3 Jack

In addition to the AM/FM radio and dual speaker system with improved sound quality, auxiliary audio port is provided standard for devices such as MP3 players.

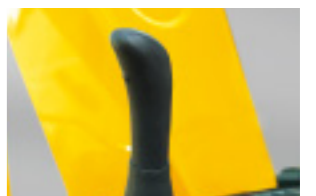


### Lever Switches

One-touch idle, horn, radio mute, or one-touch wiper buttons are installed on the operation levers in consideration of improved operability while working.



Radio mute switch (left lever)



One-touch wiper switch (right lever)



# Safety and Operator Comfort

To support the operator in the field, the DASH 6 incorporates a 7 inch wide full colour LCD monitor with numerous functions and easy operation switch panel. The cabin with enhanced operator comfort ensures a safe working environment.

## Large High-Definition LCD Monitor

A new large high-definition full colour LCD monitor has been introduced with better visibility and a switch panel which is easy to operate. Added functionality such as ECO gauge showing parameter of energy saving, display of operation status and warning messages, provides accurate information which improves work efficiency and safety.

### Indicators

1 Working modes	9 Fuel level gauge
2 Travel speed	10 Engine coolant temperature
3 Work lights	11 Fuel consumption indicator
4 Engine idle modes	12 Hydraulic oil temperature
5 Anti-theft	13 Power boost
6 Attachment selection	14 Radio mute
7 Digital clock	15 Hour meter
8 ECO gauge	

### Switch Panel

A Travel speed button	F Hour meter / Camera toggle button
B Fuel consumption button	G Window washer control
C Aux. hydraulics settings	H Engine idle mode button
D Computer menu	I Worklights on/off
E Camera on/off	J Window wiper control

### FVM for Greater Worksite Safety (option)

As an additional option, the monitor can be upgraded to Sumitomo's proprietary FVM (Field View Monitor), which provides a clear, top-down view of the excavator around to 270° during the day and at night. This makes it so much easier for the operator to monitor the area nearby, enhancing overall safety on worksites. Different camera views can also be toggled on a single monitor.

\*The FVM is a support system for checking the safety of the surroundings; it does not prevent collisions with obstructions. Reliance on the FVM during operation should be avoided, and remember to work safely. \*FVM is a registered trademark of Sumitomo Heavy Industries.

**Wide field of view 270° to the rear!**

FVM screen (daytime)      FVM screen (night time)

### Easy Switching

A single button is used to toggle the image through the top-down view and individual cameras (right side, rear). Safety checks can be made using the desired or appropriate view.

Rearview camera (option)      Side camera (option)

# Specifications

## SH330(LC)/350HD(LHD)-6 Technical Data

The electronic-controlled engine of SPACE 5+ and SIH:S+ (SUMITOMO Interigent Hydraulic System) includes: three working modes (SP, H and A), one-touch/automatic idling system and automatic power-boost.

### Engine

SH330(LC)-6/SH350HD(LHD)-6	
Model	ISUZU 6HK1X
Type	Water-cooled, 4-cycle diesel, 6-cylinder in line, high pressure common rail system (electric control) , Turbocharger with air cooled intercooler.
Rated output	200.0 kW • 271.9 PS at 2,000 min <sup>-1</sup> (rpm)
Maximum torque	983 N•m at 1,500 min <sup>-1</sup> (rpm)
Piston displacement	7.79 ltr
Bore and stroke	115 mm x 125 mm
Starting system	24 V electric motor starting
Alternator	24 V, 50 A
Air filter	Double element

### Hydraulic pumps

Two variable displacement axial piston pumps supply power for boom/arm/bucket, swing, and travel. One gear pump for pilot controls.

SH330(LC)-6/SH350HD(LHD)-6	
Maximum oil flow	2 x 300 ltr/min
Pilot pump max. oil flow	30 ltr/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<sup>2</sup>)  
Boom/arm/bucket ⋯⋯ 37.3 MPa (380 kgf/cm<sup>2</sup>) with auto power-up  
Swing circuit ⋯⋯⋯⋯ 30.4 MPa (310 kgf/cm<sup>2</sup>)  
Travel circuit ⋯⋯⋯⋯ 34.3 MPa (350 kgf/cm<sup>2</sup>)

### 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 line ⋯⋯⋯⋯ 8 microns  
Suction filter ⋯⋯⋯⋯⋯ 105 microns

### Hydraulic cylinders

SH330(LC)-6/SH350HD(LHD)-6		
Cylinder	Q'ty	Bore x Rod Diameter x Stroke
Boom	2	145 mm x 100 mm x 1,495 mm
Arm	1	170 mm x 120 mm x 1,748 mm
Bucket	1	150 mm x 105 mm x 1,210 mm

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

### Cabin & controls

The cabin is mounted on four fluid mountings. Features include safety glass front, rear and side windows, adjustable 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 four positions with tilting control consoles. Built-in type full-colour monitor display. Membrane switch on monitor display.

### 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)-6/SH350HD(LHD)-6	
Swing speed	0~10.0 min <sup>-1</sup> (rpm)
Tail swing radius	3,550 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

SH330-6/SH350HD-6	
Upper rollers	2
Lower rollers	7
Track shoes	45

SH330LC-6/SH350LHD-6	
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 the switch panel on the monitor display. Hydraulically released disc parking brake is built into each motor.

SH330(LC)-6/SH350HD(LHD)-6		
Travel speed	High	5.4 km/h
	Low	3.4 km/h
Drawbar Pull	264/263 kN	

### Lubricant & coolant capacity

SH330(LC)-6/SH350HD(LHD)-6	
Hydraulic system	350 ltr
Hydraulic oil tank	175 ltr
Fuel tank	580 ltr
Cooling system	33 ltr
Final drive case (per side)	11 ltr
Swing drive case	5 ltr
Engine crank case (with remote oil filter)	41 ltr

## Auxiliary hydraulic system

SH330(LC)-6	
Auxiliary piping type (option)	For Breaker
Arm type	STD
Bucket linkage type	HD
Auxiliary hydraulic pump flow	285 ltr/min

SH350HD(LHD)-6		
Auxiliary piping type (option)	For Breaker	For Double (breaker & crusher) acting
Arm type	HD	HD
Bucket linkage type	HD	HD
Auxiliary hydraulic pump flow	285 ltr/min	570 ltr/min

## Bucket

Model		SH330(LC)-6		SH350HD(LHD)-6				
Bucket capacity (ISO/SAE/PCSA heaped)		1.4 m <sup>3</sup>	1.6 m <sup>3</sup>	1.4 m <sup>3</sup>	1.6 m <sup>3</sup>	1.7 m <sup>3</sup>	1.8 m <sup>3</sup>	1.9 m <sup>3</sup>
Bucket type		STD	STD	HD	HD	ROCK	HD	ROCK
Number of teeth		5	5	5	5	5	5	5
Width	With side cutter	1,435 mm	1,575 mm	1,424 mm	1,564 mm	—	1,722 mm	—
	Without side cutter	1,302 mm	1,442 mm	1,310 mm	1,450 mm	1,325 mm	1,608 mm	1,465 mm
Weight		1,190 kg	1,250 kg	1,510 kg	1,590 kg	1,670 kg	1,700 kg	1,770 kg
Combination	2.63 m arm	◎	●	◎	◎	◎	●	●
	3.25 m arm	●	○	◎	●	●	○	○

◎ 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  
● Suitable for materials with density up to 1,800 kg/m³ or less

## Weight & Ground Pressure

Model	SH330(LC)-6		
Shoe type	Shoe width	Operating weight	Ground pressure
Triple grouser shoe	600 mm	34,100 kg (34,700 kg)	69 kPa (65 kPa)
	800 mm	34,900 kg (35,500 kg)	53 kPa (50 kPa)

Model	SH350HD(LHD)-6		
Shoe type	Shoe width	Operating weight	Ground pressure
Triple grouser shoe	600 mm	36,100 kg (36 600 kg)	73 kPa (68 kPa)
	800 mm	36,900 kg (37 600 kg)	56 kPa (53 kPa)

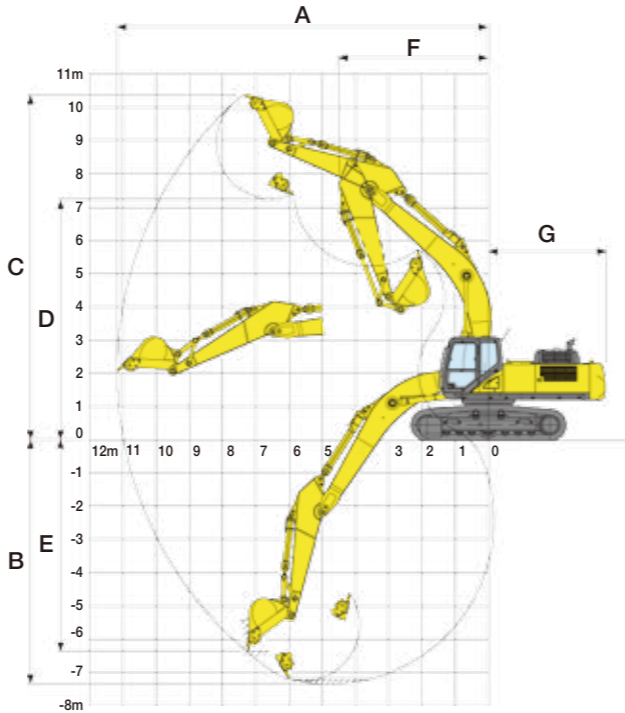
## Digging Force

Model	SH330(LC)-6/SH350HD(LHD)-6		
Arm length	2.63 m	3.25 m	
Bucket digging force <with auto power up>	ISO 6015	232 kN <252 kN>	
	SAE: PCSA	203 kN <221 kN>	
Arm digging force <with auto power up>	ISO 6015	196 kN <213 kN>	165 kN <179 kN>
	SAE: PCSA	186 kN <202 kN>	158 kN <172 kN>

Working Range

SH330(LC)-6		
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	3,550 mm	

SH350HD(LHD)-6		
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	3,550 mm	



Principle Specifications

Principle Specifications		SH330-6	SH330LC-6	SH350HD-6	SH350LHD-6
		STD Specifications	STD Specifications	STD Specifications	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)	1.4 m <sup>3</sup>		1.6 m <sup>3</sup> (HD type)	
	Std. operating weight	34,100 kg	34,700 kg	36,200 kg	36,700 kg
Engine	Make & model	ISUZU 6HK1X			
	Rated output	200.0 kW/2,000 min <sup>-1</sup>			
Hydraulic System	Displacement	7.79 ltr			
	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			
Performance	Swing motor	Fixed displacement axial piston motor			
	Travel speed	5.4/3.4 km/h			
	Drawbar pull	264 kN		263 kN	
	Gradeability	70% <35°			
	Ground pressure	69 kPa	65 kPa	73 kPa	68 kPa
	Swing speed	10.0 min <sup>-1</sup>			
Others	Bucket digging force	232 kN			
	/with power boost	252 kN			
	Arm digging force	165 kN			
	/with power boost	179 kN			
	Fuel tank	580 ltr			
	Hydraulic fluid tank	175 ltr			

Standard Equipment

[Hydraulic system]

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

[Cabin/interior equipment]

- Strengthened cabin
- Top guard OPG level1 (in cab structure)
- Shock-less cab suspension by 4-point fluid mounts
- Built-in type full-colour monitor display
- Tilting console
- Open air introducing pressurised full-automatic air conditioner
- Defroster
- Hot & cool box
- Water-resistant seat
- Seat suspension
- Windscreen wiper (with intermittent operation function)
- Cup holder
- AM/FM radio (with muting function) with AUX port & USB port
- Radio mute / Windscreen wiper one-touch control on joystick
- Clock
- Magazine rack
- Accessory case
- Floor mat
- Armrest & headrest
- Ashtray & cigarette lighter
- Cab light (Auto-OFF function)
- Coat hook

[Safety equipment]

- Rearview mirror (left/right)
- Emergency escape tool
- Retracting 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
- Engine neutral start

[Others]

- Auto/one-touch idling
- Auto idle shutdown system
- EMS
- Long-life hydraulic oil
- Two lights (main unit and left of boom)
- Fuel filter
- Fuel prefilter (with water separator)
- Double-element air cleaner
- Grease-enclosed track link
- Large tool box
- A set of tools
- Precleaner (cyclone type)
- Grouped greasing for TTB

Accessories (option)

■ Cabin-top lights



■ Front guard (OPG level 1 or 2)



■ Front net guard (full/lower)



■ Head guard (FOPS level 2)



■ FVM



■ Side camera

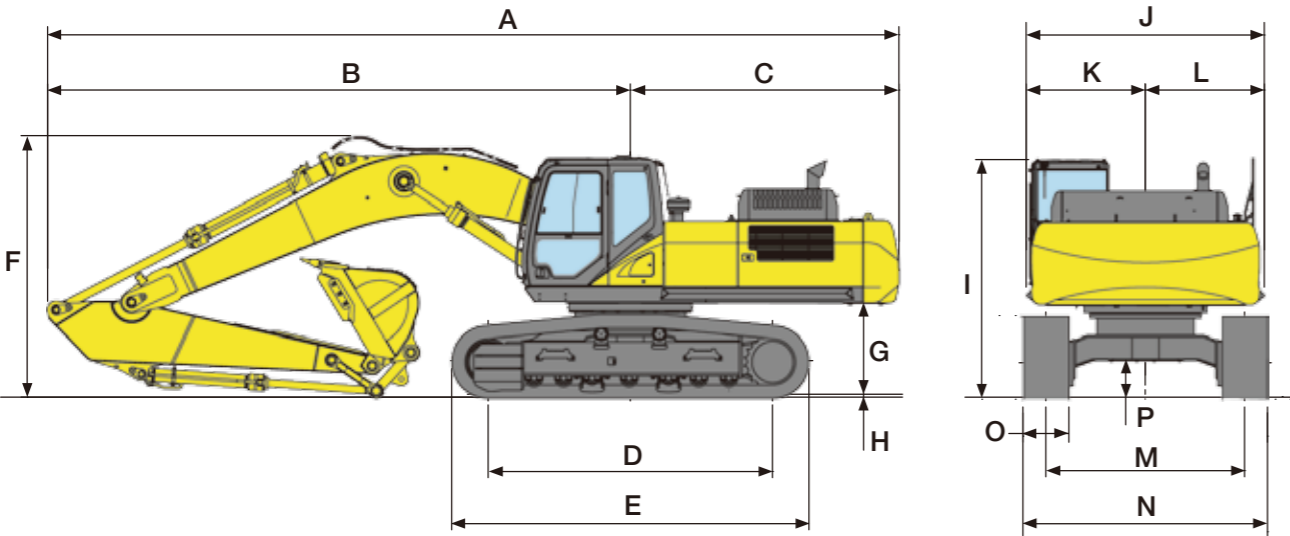


■ Rear view camera



- Full track guard
- Refuel pump
- Increased counterweight
- ISO compliant mirror
- Boom light (both sides)

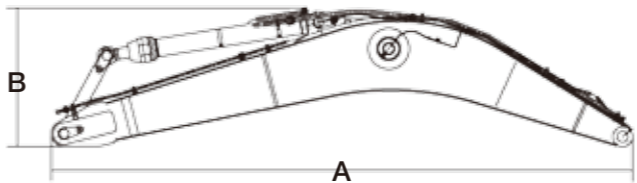
Dimensions



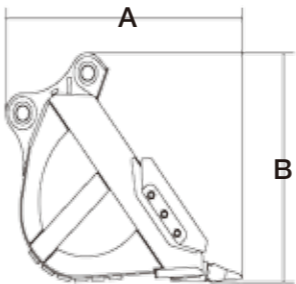
Model	SH330-6		SH330LC-6	
Arm length	2.63 m	3.25 m	2.63 m	3.25 m
A Overall length	11,230 mm	11,140 mm	11,230 mm	11,140 mm
B Length from centre of machine (to arm top)	7,700 mm	7,620 mm	7,700 mm	7,620 mm
C Length from centre of machine (to rear end)	3,520 mm			
D Centre to centre of wheels	3,720 mm		4,040 mm	
E Overall track length	4,650 mm		4,980 mm	
F Overall height	3,640 mm	3,420 mm	3,640 mm	3,420 mm
G Clearance height under upper structure	1,200 mm			
H Shoe lug height	36 mm			
I Cab height	3,140 mm			
J Upper structure overall width	3,030 mm			
K Width from centre of machine (left side)	1,540 mm			
L Width from centre of machine (right side)	1,490 mm			
M Track gauge	2,600 mm			
N Overall width	3,400 mm			
O Std. shoe width	600 mm			
P Minimum ground clearance	470 mm			

Model	SH350HD-6		SH350LHD-6	
Arm length	2.63 m	3.25 m	2.63 m	3.25 m
A Overall length	11,230 mm	11,140 mm	11,230 mm	11,140 mm
B Length from centre of machine (to arm top)	7,700 mm	7,620 mm	7,700 mm	7,620 mm
C Upper structure rear end radius	3,520 mm			
D Centre to centre of wheels	3,720 mm		4,040 mm	
E Overall track length	4,650 mm		4 980 mm	
F Overall height	3,640 mm	3,420 mm	3,640 mm	3,420 mm
G Clearance height under upper structure	1,200 mm			
H Shoe lug height	36 mm			
I Cab height	3,140 mm			
J Upper structure overall width	3,120 mm			
K Width from centre of machine (left side)	1,560 mm			
L Width from centre of machine (right side)	1,560 mm			
M Track gauge	2,600 mm			
N Overall width	3,400 mm			
O Std. shoe width	600 mm			
P Minimum ground clearance	470 mm			

● Boom



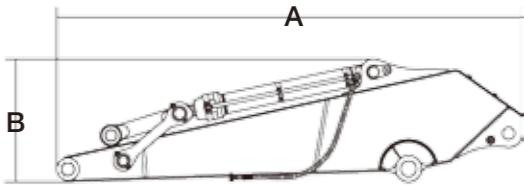
● Bucket



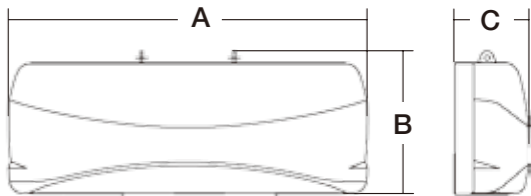
Boom

Model	SH330(LC)-6	SH350HD(LHD)-6
A	6.71 m	
B	1,710 mm	
Width	860 mm	
Weight	3,240 kg	3,540 kg

● Arm



● Counterweight



Arm

Model	SH330(LC)-6			SH350HD(LHD)-6		
Type	HD	STD		HD		
A	3,770 mm	4,440 mm	5,200 mm	3,770 mm	4,400 mm	
B	1,150 mm	1,080 mm	1,060 mm	1,150 mm	1,090 mm	
Width	390 mm					
Weight	1,850 kg	1,750 kg	2,080 kg	1,920 kg	2,060 kg	

Bucket

Model	SH330(LC)-6			SH350HD(LHD)-6			
Bucket capacity (ISO/SAE/PCSA heaped)	1.4 m³	1.6 m³		1.4 m³	1.6 m³	1.7 m³	1.8 m³
Bucket type	STD	STD		HD	HD	ROCK	HD
A	1,740 mm			1,730 mm			1,720 mm
B	1,380 mm			1,400 mm			1,490 mm
Width	With side cutter	1,435 mm	1,575 mm	1,424 mm	1,564 mm	—	1,722 mm
	Without side cutter	1,302 mm	1,442 mm	1,310 mm	1,450 mm	1,325 mm	1,608 mm
Weight		1,190 kg	1,250 kg	1,510 kg	1,590 kg	1,670 kg	1,770 kg

Counterweight

Model	SH330(LC)-6		SH350HD(LHD)-6	
A	2,990 mm			
B	1,194 mm			
C	725 mm			
Weight	6,400 kg		7,400 / 7,700 kg	