SUMITOMO



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 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.

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SUMITONO

JAPANESE **TECHNOLOGY**

SH800...

Performance Refined. Evolution Defined.

JAPANESE TECHNOLOGY

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 04-05

- •New Generation Engine System "SPACE 5+" •SIH:S+
- New Working Mode

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- ·Stronger Boom and Arm
- High-durability Bucket
- ·Full Track Guard Prevents Derailment (option)

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- ·Comfortable Operator's Seat
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- ·High-rigidity Cabin Structure

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SH700



Performance Refined. Evolution Defined.

Engine and Hydraulics

New Generation Engine System "SPACE 5+"

The new engine system optimises fuel efficiency and environmental performance via the advanced common rail fuel injection system, cooled EGR system. At the same time, excellent response times are achieved.



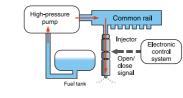
Mode Selection by Throttle SUMITOMO

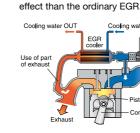
There are three working modes available: SP (Super Power) for heavy duty applications, H (Heavy) for normal working conditions, A (Auto) for a wide range of operations.



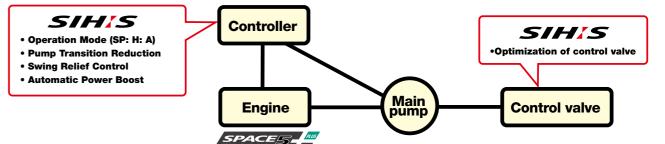
Common Rail Type High-Pressure Fuel Injection System

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. 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.









Pump Transition Control SUMITOMO

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.

Quick and Smooth Control Response

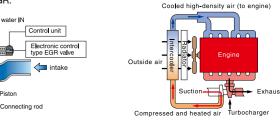
A total review of the hydraulic circuit and miscellaneous hydraulic settings guarantee speedy and precise operation through a smooth control lever.

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.

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.



simultaneously.

24 valve OHC Turbo Engine

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

with Intercooler

Automatic Power Boost SUMITOMO

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.

Swing Relief Control 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.

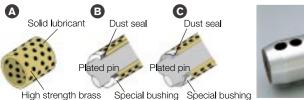
Durability and Maintenance

EMS permits fuss-free maintenancs

EMS allows greasing of the front attachments at intervals of 1,000 hours and substantially reduces the greasing trouble and time, as well as the maintenance cost, also reducing a noise.



EMS bushing



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

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

C The dust seal has a double structure to prevent entry of abrasive materials and eliminating wear.

High-Performance Return Filter

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

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

Stronger Boom and Arm

The strength of all joints has been increased to ensure durability, permitting operation at any site with severe working conditions and a large workload.



High-durability Bucket

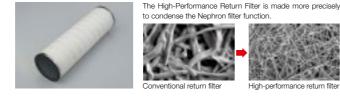
The bucket is higher strength for impact and wear, providing long life and high performance.



Precautionary use of EMS

(1) Grease impregnated. Greasing is still necessary at every 1,000 hours or six months, whichever comes earlier.

- 2 Greasing is necessary after underwater digging operation, because the internal grease can be forced out due to being submerged.
- 3 When a breaker, crusher, or some other special attachment are installed, greasing is necessary every day, because the pins and bushes are different according to the attachment manufacturer.
- (4) Bucket pins should be cleaned thoroughly when removing or fitting new attachments





High-rigidity Swing Frame

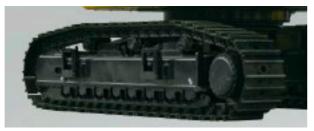
The rigidity and durability of the frame of the upper revolving unit has been increased to withstand rough handling during every operationd.

Reinforced Double Grouser Shoe

The reinforced double grouser shoe permit operation on rough roads, steep slopes, and other work sites where large machines must be used.

Full Track Guard Prevents Derailment (option)

Full track guard is efficient in preventing derailment of the links (chain) and protecting the rollers.

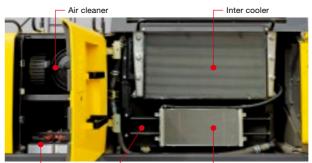


Ground Level Access to Engine Area Improves Preventative Maintenance

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

Remote fuel prefilter

A fuel prefilter is provided as standard equipment to reduce the likelihood of fuel clogging.



- Radiator & Oil cooler 🛛 – Fuel cooler

Hydraulically Driven Cooling Fan System

Optimum cooling control and reduction in noise according to the working environment.

- Batterv



Easier Cleaning by Reversed Fan Rotation

The switch in the cab permits the cooling fan to rotate in reverse to remove dust from the radiator, oil cooler, inter cooler, and fuel cooler to prevent clogging.

Electric Indicator Permits Confirmation of Air Cleaner Clogging

The message on the monitor permits confirmation of air cleaner clogging. The indicator further permits confirmation of return filter clogging when the breaker piping and combination piping are installed.

The 900-liter Fuel Tank Ensures Extended Operation.

The large-capacity fuel tank reduce down time.

Fuel Tank

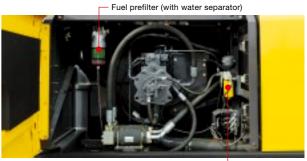
Stainless steel is used for the strainer that prevents dust entering during re-fueling. Furthermore, a maintenance hole is provided to permit easy periodical maintenance.





Stainless steel strainer





Pilot filter

Large Toolbox

A large toolbox is provided to completely store a large quantity of tools.



Engine Oil Drain Coupler Prevents Oil Spattering

The engine oil pan is provided with a drain coupler. The supplied drain hose prevents oil spattering to facilitate draining work.



Engine Maintenance Steps

The engine room designed to permit safe maintenance.



Catwalk on Both Sides

The house is provided with a catwalk on both sides to permit free movement during maintenance.





Performance Refined. Evolution Defined

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.



The KAB Seat Eliminates Vibration



Safety and Operator Comfort

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.





Simple to Read LCD Monitor and Switch Panel

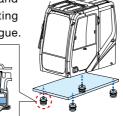
In addition to the monitor that is easy to read during daytime as well as nighttime by changing the backlight to white, a simple and convenient universally designed switch panel is provided.



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**

Cross section

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.



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.



Adoption of Short Lever



Warning message

- 1. OVER HEAT
- 2. ALTERNATOR
- 3. LOW FUEL
- 4. LOW OIL PRESSURE
- 5. LOW COOLANT
- 6. ELEC. PROBLEM

message

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

7. OVER LOAD (option)

- 8. AIR FILTER
- 9. CHECK ENGINE
- 10. BOOST TEMP, HIGH
- 11. CHECK BREAKER FILTER (option)

Active condition Language menu

Japanes
English
Thai
Chinese
German
French
Italian

Spanish Turkish Dutch Danish Norwegian Swedish Finnish

Portuguese Arabic Malay Indonesiar (Pictograph)

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



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





Safety and Operator Comfort

The Wide View Increases the Safety of Work

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



Adoption of Gate Type Lock Lever

A gate type lock lever has been adopted to prevent sudden acceleration of the machine.



Large ISO-compliant Handrail

A large ISO-compliant handrail has been adopted to enhance safety when the operator gets on and off the machine.





Adoption of Megavolume Horn

An easy-to-hear megavolume horn has been adopted to make the horn audible in any work site. Safety during operation will be enhanced.

Emergency Escape Window

Allows operator to escape from the rear window in case of emergency.



Equipment that Enhances Safety



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.



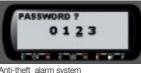


Anti-theft Alarm System

Large handrail

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

New non-slip plate



Safety Equipment in case of an Emergency



ergency stop swite

High-rigidity Cabin

The new cabin structure provides advanced operator protection.





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.

SH700LHD-5B Technical data

Engine

•					
SH700LHD-5B					
Model ISUZU GH-6WG1X					
TypeElectric control, water cooled, 4-cycle diese 6-cylinder in line, direct injection, turbocharged air cooled inter-cooler					
Rated output	345 kW (470 PS) at 1,800 min ⁻¹ (rpm)				
Maximum torque	1,980 N-m at 1,500 min ⁻¹ (rpm)				
Piston displacement	15,681 cc				
Bore and stroke 147 mm x 154 mm					
Starting system	24 V electric motor starting				
Alternator	24 V, 50 A				
Fuel tank	900 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 Intelligent 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 provide power for boom, arm, bucket, swing and travel.

SH700LHD-5B			
Maximum oil flow	2 x 440 liters/min		
Pilot pump max.oil flow	27 liters/min		

Hydraulic motors

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

Relief valve settings

Boom/arm/bucket ···· 27.5 MPa(280 kgf/cm²)<Holding pressure(Boom down)> 36.3 MPa(370 kgf/cm²)<Holding pressure(Others)> Boom/arm/bucket ···· 31.4 MPa(320 kgf/cm²)<Working pressure> Boom/arm/bucket ···· 34.3 MPa(350 kgf/cm²)with Power-up<Working pressure> Swing circuit ······ 27.9 MPa(285 kgf/cm²) Travel circuit ······ 34.3 MPa(350 kgf/cm²)

Control valve

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

Oil filtration

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

Hydraulic cylinders

SH700LHD-5B				
Boom	2	190 mm x 130 mm x 1,805 mm		
Arm	1	200 mm x 140 mm x 2,025 mm		
Bucket	1	180 mm x 125 mm x 1,465 mm		
Bucket (Mass)	1	200 mm x 140 mm x 1.450 mm		

Double-acting, bolt-up type cylinder end;hardened steel bushings Installed in cylinder tube and rod 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. Controll levers are located in 4 positions with tilting control consoles. Reliable soft-touch swiches are a standard feature. An easy-to-read fuldot LCD monitor keeps operation in touch with critical machine functions.

Swing

Planetary reduction powered by an axial piston motor. Internal ring gear with grease cavity for pinion. Swing bearing is single-row shear type ball bearing. Dual stage relief valves for smooth swing deceleration and stops. Mechanical disc swing brake.

	SH700LHD-5B	
Swing speed	0~6.5 min ⁻¹ (rpm)	
Tail swing radius	4,300 mm	
Swing torque	241 kN•m·24,600 kgf•m	

Undercarriage

X-style carbody is integrally welded for strength and durability. Grease cylinder track adjusters with shock absorbing springs. Undercarriage with lubricated rollers and idlers.

Type of shoe:sealed link shoe

Upper rollers -

Heat treated, mounted on steel bushings with fluorine resin, sealed for lifetime lubrication.

Lower rollers -

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

Track adjustment -

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

Number of rollers and shoes on each side

SH700LHD-5B			
Upper rollers	3		
Lower rollers	8		
Track shoes	47		

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 into each motor.

SH700LHD-5B				
Travel append High		4.2 km/h		
Travel speed	Low	2.9 km/h		
Drawbar pull		450 kN · 45,890 kgf		

Lubricant & coolant capacity

	SH700LHD-5B	
Hydraulic system	650 liters	
Hydraulic oil tank	310 liters	
Fuel tank	900 liters	
Cooling system	108 liters	
Final drive case(per side)	15 liters	
Swing drive case(per side)	13.5 liters	
Engine crank case (with remote oil filter)	52 liters	

Auxiliary hydraulic system

Model	SH700LHD-5B			
Auxiliary piping type (option)	For Breaker	For Double (breaker & crusher) acting		
Arm type	STD	STD		
Bucket linkage type	STD	STD		
Auxiliary hydraulic pump flow	max.420 liters/min	max.890 liters/min		

Weight & ground pressure

Model	SH700LHD-5B (Mass)			
Shoe type	Shoe width	Operating weight	Ground pressure	
Triple grouser shoe	650 mm	68 100 kg (70 500 kg)	100 kPa (104 kPa)	
	750 mm	68 700 kg (71 200 kg)	88 kPa (91 kPa)	

Digging force

55 5						
Model			SH700LHD-5B			SH700LHD-5B Mass
Arm length		3.0 m	3.0 m 3.55 m 4.11 m 5.0 m			3.0 m
Bucket digging force	ISO 6015		290 kN <317 kN>			
<with auto="" power="" up=""></with>	SAE: PCSA		256 kN <280 kN>			
Arm digging force	ISO 6015	244 kN <267 kN>	224 kN <245 kN>	202 kN <221 kN>	175 kN <192 kN>	276 kN <305 kN>
<with auto="" power="" up=""></with>	SAE: PCSA	235 kN <257 kN>	215 kN <235 kN>	195 kN <213 kN>	170 kN <186 kN>	229 kN <250 kN>

Principal specifications & dimensions

· ····································		
Model	SH700LHD-5B	SH700LHD-5B Mass
Boom Length	7.7 m	6.58 m
Arm Length Bucket capacity (ISO heaped)	3.55 m	3.0 m
Bucket capacity (ISO heaped)	2.9 m ³	4.2 m ³
Operating weight	68 100 kg	70 500 kg
Make & model	ISUZU Gł	H-6WG1X
Make & model Rated output	345 kW(469 P	2S)/1 800 min-1
Displacement	15 700) ml(cc)
Main pump Max Pressure	2 variable displaceme with regula	ent axial piston pumps ting system
Max Pressure	31.4	MPa
	34.3	MPa
Travel motor	Variable displaceme	nt axial piston motor
(with auto power up) Travel motor Parking brake type	Mechanica	disc brake
Swing motor	Fixed displacement	t axial piston motor
Travel speed	4.2/2.9	9 km/h
Traction force	450) kN
Grade ability Ground pressure Swing speed	70% -	<35°>
E Ground pressure	100 kPa	104 kPa
Swing speed	6.5 r	nin-1
Bucket	317 kN	362 kN
Arm	245 kN	305 kN
Fuel tank Hydraulic fluid tank	900	liter
8 Hydraulic fluid tank	310	liter

Lifting capacity

:	2. Lift leve 3. The	ing c el gro e load dicate	apaci ound o d poir es l oa	ty doe or 879 it is a d l imi	es not % fu ll hook	AE J/IS t excee hydrau (not st y hydra	ed 759 Ilic ca tandai	% of tip pacity. rd equ	ipmen						ucket.				c Load I Over F		ֺׅׅׅׅׅ֢֢֢֢֕֕֕֕֕֕֕֕֕֕֕֕֕֕֕֕֕֕֕֕֕֕֕֕֕֕֕֕֕֕		B	: Buck : Liftin	us of I ket ho ig cap	ok he	-	t : kç
SH	70	0L	.HC	D- 5	5B			: 650 (m : SAE/P		∋ (m ³)			H = 3.0 EACH =	0 (m) = 11.02 (800M :	7.70 (m))										
													R	adius	of Loa	ıd												
Bucket Hook	N	lax. I	Radiu	S	12	2 m	11	m	10) m	9	m	8	m	7	m	6	m	5	m	4	m	3	m	Ν	Лin. F	Radius	;
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8 m	10 894*	9.2	10 894*	9.2							11 676*	11 563													12 737*	8.23	12 737*	8.23
7 m	8 853*	10.07	8 853*	10.07					9 362*	9 192	12 604*	11 391	13 345*	13 345*											13 497*	7.83	13 497*	7.83
6 m	8 915*	10.46	8 244	10.46					11 990*	9 058	13 021*	11 117	14 043*	13 775	15 457*	15 457*									15 507*	6.97	15 507*	6.97
5 m	9 089*	10.74	7 660	10.74					12 605*	8 853	13 565*	10 782	14 886*	13 271	16 726*	16 640	19 410*	19 410*	23 646*	23 646*					30 687*	4.07	30 687*	4.07
4 m	9 378*	10.92	7 254	10.92					12 972*	8 615	14 164*	10 420	15 783*	12 741	18 054*	15 854	21 427*	20 262	26 936*	26 936*					20 019*	4.54	20 019*	4.54
3 m	9 794*	11.01	6 994	11.01			9 905*	7 006	13 077	8 373	14 748*	10 064	16 639*	12 231	19 285*	15 120	23 211*	19 170	20 937*	20 937*					14 090*	4.75	14 090*	4.75
2 m	10 358*	11	6 867	11			10 400*	6 870	12 835	8 1 4 9	15 249*	9 741	17 359*	11 783	20 275*	14 503	24 508*	18 329	16 166*	16 166*					11 169*	4.74	11 169*	4.74
1 m			6 867	10.9					12 634	7 962	14 983	9 474	17 866*		20 925*		25 211*	17 766	16 791*						9 559*	4.5	9 559*	4.5
	11 212			10.71					12 491	7 829	14 769	9 278	17 825					17 441	19 930*		8 908*				8 755*	3.98	8 755*	
-1 m		10.41	7 298	10.41					12 424	7 767	14 644	9 163	17 657	11 013	21 035*		24 952*		24 688*		14 479*				12 921*		12 921*	3.39
-2 m		10		10					12 460	7 800	14 619		17 533*		20 448*				28 554*								16 094*	
-3 m			8 573	9.47							14 084*	9 227	16 576*		19 363*				26 625*									
-4 m		8.79		8.79									14 933*	11 226	17 643*				24 041*									
-5 m			11 790	7.92											14 978*	14 167			20 570*		23 565*	23 565*	26 580*	26 580*				
-6 m	11 101*	6.79	11 101*	6.79													13 373*	13 373*	15 753*	15 753*					17 559*	4.12	17 559*	4.12

SH	70	OL	.HC	D- 5	δB		HOE : UCKET :	: 650 (m : SAE/P) (m ³)			H = 3.58 EACH =	· /		: MOOM	7.70 (m)										
													R	adius	of Loa	ıd												
Bucket Hook	Ν	/lax.F	Radiu	s	12	2 m	11	m	10	m	9	m	8	m	7	m	6	m	5	m	4	m	3	m	N	/lin. F	Radius	3
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9 m	8 800*	8.81	8 800*	8.81																					8 829*	8.81	8 829*	8.81
8 m	7 818*	9.69	7 818*	9.69							10 304*	10 304*													10 927*	8.72	10 927*	8.72
7 m	7 862*	10.2	7 862*	10.2					8 873*	8 873*	11 914*	11 560													12 299*	8.37	12 299*	8.37
6 m	8 015*	10.59	8 015*	10.59					10 867*	9 183	12 387*	11 265	13 308*	13 308*											13 674*	7.67	13 674*	7.67
5 m	8 275*	10.87	7 568	10.87					12 084*	8 950	12 984*	10 913	14 199*	13 463	15 868*	15 868*									17 739*	6.19	17 739*	6.19
4 m	8 649*	11.05	7 150	11.05			8 991*	7 210	12 515*	8 689	13 643*	10 532	15 160*	12 915	17 269*	16 135	20 362*	20 362*	25 291*	25 291*	21 326*	21 326*			18 164*	3.91	18 164*	3.91
3 m	9 155*	11.13	6 874	11.13			10 237*	7 036	12 952*	8 423	14 298*	10 152	16 099*	12 379	18 611*	15 364	22 314*	19 586	28 240*	26 025					12 477*	4.16	12 477*	4.16
2 m	9 824*	11.12	6 724	11.12			10 930	6 869	12 866	8 174	14 882*	9 802	16 924*	11 895	19 749*	14 694	23 859*	18 647	26 067*	24 717					9 887*	4.14	9 887*	4.14
1 m	10 704*	11.03	6 698	11.03			10 779	6 728	12 634	7 958	15 019	9 503	17 556*	11 494	20 576*	14 165	24 853*	17 970	23 618*	23 618*	10 078*	10 078*			8 614*	3.86	8 614*	3.86
0 m	10 939	10.83	6 802	10.83					12 454	7 791	14 766	9 270	17 858	11 190	21 031*	13 788	25 277*	17 539	24 846*	23 554	13 546*	13 546*			11 467*	3.46	11 467*	3.46
-1 m	11 358	10.54	7 056	10.54					12 342	7 687	14 596	9 115	17 637	10 990	21 085*	13 554	25 167*	17 306	28 062*	23 406	17 609*	17 609*			14 060*	3.07	14 060*	3.07
- 2 m	12 056	10.14	7 498	10.14					12 313	7 660	14 519	9 044	17 529	10 892	20 717*	13 451	24 553*	17 233	29 518*	23 427	22 241*	22 241*	16 649*	16 649*	16 655*	2.51	16 655*	2.51
-3 m	13 145	9.61	8 200	9.61							14 547	9 069	17 011*	10 899	19 881*	13 467	23 422*	17 294	27 867*	23 586	27 615*	27 615*	21 470*	21 470*	19 146*	2.35	17 884*	2.35
- 4 m	13 337*	8.94	9 303	8.94									15 735*	11 022	18 481*	13 603	21 700*	17 483	25 595*	23 878	30 381*	30 381*	26 855*	26 855*	24 012*	2.35	22 548*	2.35
-5 m	13 325*	8.09	11 105	8.09									13 583*	11 296	16 312*	13 879	19 218*	17 813	22 529*	22 529*	26 415*	26 415*	31 149*	31 149*	29 581*	2.35	29 489*	2.35
-6 m	12 901*	6.99	12 901*	6.99													15 619*	15 619*	18 344*	18 344*	21 211*	21 211*			23 524*	3.24	23 524*	3.24

Bucket Hook Height 9 m 6 777*	h	Radius	5	10	SHOE 650 (mm)G BUCKET: ARM LENGTH = 4.11 (m) MAXIMUM REACH = 11.63 (m) BOOM : 7.70 (m) Radius of Load Radius of Load Radius of Load																						
Hook Height	h		6	et Max Badius 12 m 11 m 10 m 9 m 8 m 7 m 6 m 5 m 4 m 3 m Min Badius																							
Height	-	Ċŧ		12	m	11	m	10	m	9	m	8	m	7	m	6	m	5	m	4	m	3	m	Ν	Лin. F	Radius	3
9 m 6777*			=0	ů	Ģ₽•	Ů	Ģ⊷	ů	Ģ₽•	ů	Ģ ⊷	ů	Ģ ⊨∘	Ů	Ģ ⊷	ů	Ģ₽•	ů	Ģ₽•	ů	÷	ů	; }-	ď	1	Ģ	⊨∘
	9.58	6 777*	9.58																					7 481*	9.35	7 481*	9.35
8 m 6 450*	10.26	6 450*	10.26					7 393*	7 393*															9 083*	9.28	9 083*	9.28
7 m 6 473*	10.74	6 473*	10.74					8 926*	8 926*	10 581*	10 581*													10 608*	8.98	10 608*	8.98
6 m 6 582*	11.1	6 582*	11.1			7 087*	7 087*	10 252*	9 445	11 778*	11 567													12 235*	8.39	12 235*	8.39
5 m 6774*	11.37	6 774*	11.37			8 553*	7 592	11 610*	9 190	12 426*	11 197	13 507*	13 507*											14 417*	7.34	14 417*	7.34
4 m 7 055*	11.54	6 700	11.54			9 821*	7 402	12 102*	8 907	13 144*	10 796	14 531*	13 254	16 437*	16 437*	19 190*	19 190*	23 473*	23 473*	31 014*	31 014*			20 592*	3.44	20 592*	3.44
3 m 7 437*	11.63	6 448	11.63			10 988*	7 200	12 607*	8 617	13 872*	10 392	15 556*	12 688	17 891*	15 785	21 306*	20 200	26 703*	26 703*	17 772*	17 772*			11 933*	3.72	11 933*	3.72
2 m 7 940*	11.62	6 305	11.62			11 072	7 005	13 042	8 340	14 545*	10 010	16 492*	12 165	19 183*	15 056	23 099*	19 157	29 188*	25 485	12 478*	12 478*			8 671*	3.7	8 671*	3.7
1 m 8 598*	11.53	6 269	11.53			10 887	6 832	12 776	8 094	15 104*	9 675	17 257*	11 715	20 198*	14 455	24 396*	18 356	26 981*	24 455	12 492*	12 492*			7 164*	3.38	7 164*	3.38
0 m 9 462*	11.34	6 344	11.34			10 740	6 695	12 559	7 892	14 905	9 403	17 788*	11 360	20 864*	14 002	25 140*	17 803	26 120*	23 848	14 442*	14 442*	8 218*	8 218*	9 550*	2.98	9 550*	2.98
-1 m 10 552	11.06	6 545	11.06			10 646	6 607	12 403	7 747	14 689	9 204	17 759	11 105	21 144*	13 695	25 343*	17 464	27 847*	23 540	17 363*	17 363*	11 788*	11 788*	11 831*	2.63	11 831*	2.63
-2 m 11 117	10.68	6 901	10.68					12 320	7 670	14 559	9 085	17 590	10 952	21 016*	13 522	25 033*	17 298	30 428*	23 443	20 986*	20 986*	15 473*	15 473*	13 399*	2.35	14 105*	2.35
-3 m 11 990	10.18	7 465	10.18					12 327	7 676	14 524	9 053	17 488*	10 901	20 447*	13 471	24 212*	17 279	29 128*	23 506	25 319*	25 319*	19 457*	19 457*	17 160*	2.35	15 830*	2.35
-4 m 12 820*	9.55	8 333	9.55							14 110*	9 122	16 542*	10 956	19 368*	13 538	22 833*	17 390	27 223*	23 7 12	30 560*	30 560*	23 927*	23 927*	21 253*	2.35	19 603*	2.35
-5 m 12 965*	8.76	9 699	8.76									14 932*	11 134	17 645*	13 729	20 782*	17 635	24 596*	24 064	29 432*	29 432*	29 145*	29 145*	25 890*	2.35	23 807*	2.35
-6 m 12 891*	7.76	12 016	7.76											14 986*	14 078	17 824*	17 824*	21 018*	21 018*	24 826*	24 826*	29 717*	29 717*	31 816*	2.43	31 816*	2.43
-7 m 12 231*	6.44	12 231*	6.44													13 431*	13 431*	16 040*	16 040*	18 700*	18 700*			19 139*	3.84	19 139*	3.84

SH	170	0L	HC	D- 5	БB		HOE : JCKET :	650 (m SAE/P) (m ³)		LENGTI MUM RI				00M :	7.70 (m)										
													R	adius	of Loa	d												
Bucket Hook	N	/lax.F	Radiu	s	12	2 m	11	m	10	m	9	m	8	m	7	m	6	m	5	m	4	m	3	m	Ν	/lin. F	Radius	5
Height	Ć	h	Ģ	⊨∘	ů	Ģ ⊷	ů	; }-•	ů	; }-•	ĥ	₿-	ů	Ģ₽•	ů	; }-•	ů	; }-•	ů	;;∔⊷	ů	; }-	ů	; }-•	ľ]	Ģ	ŀ
9 m	5 271*	10.68	5 271*	10.68																					6 235*	10.23	6 235*	10.23
8 m	4 731*	11.38	4 731*	11.38			5 810*	5 810*																	7 118*	10.17	7 118*	10.17
7 m	4 704*	11.81	4 704*	11.81			6 782*	6 782*	7 898*	7 898*															7 948*	9.92	7 948*	9.92
6 m	4 737*	12.14	4 737*	12.14	5 285*	5 285*	7 588*	7 588*	8 624*	8 624*															8 924*	9.45	8 924*	9.45
5 m	4 826*	12.39	4 826*	12.39	6 253*	6 253*	8 410*	7 776	9 576*	9 421	10 288*	10 288*													10 449*	8.69	10 449*	8.69
4 m	4 973*	12.55	4 973*	12.55	7 039*	6 277	9 335*	7 546	10 855*	9 103	12 016*	11 073	13 159*	13 159*											14 017*	7.4	14 017*	7.4
3 m	5 183*	12.62	5 183*	12.62	7 719*	6 109	10 396*	7 305	11 734*	8 773	12 839*	10 623	14 297*	13 034	16 292*	16 292*	19 164*	19 164*	23 605*	23 605*	31 260*	31 260*			20 066*	3.48	20 066*	3.48
2 m	5 464*	12.62	5 345	12.62	8 273*	5 941	11 150	7 068	12 311*	8 450	13 634*	10 188	15 384*	12 440	17 795*	15 481	21 286*	19 829	26 702*	26 601	18 457*	18 457*			10 208*	3.45	10 208*	3.45
1 m	5 831*	12.53	5 303	12.53	8 599*	5 786	10 915	6 848	12 826*	8 153	14 342*	9 790	16 340*	11 907	19 078*	14 758	23 010*	18 825	28 996*	25 173	14 410*	14 410*			6 667*	3.11	6 667*	3.11
0 m	6 306*	12.36	5 345	12.36	8 508*	5 657	10 713	6 659	12 575	7 896	14 911*	9 450	17 096*	11 462	20 055*	14 176	24 229*	18 066	27 363*	24 203	14 335*	14 335*	7 787*	7 787*	5 300*	2.35	5 076*	2.27
-1 m	6 925*	12.1	5 479	12.1	7 686*	5 566	10 554	6 510	12 354	7 690	14 677	9 180	17 601*	11 116	20 676*	13 743	24 918*	17 541	26 709*	23 605	15 845*	15 845*	10 125*	10 125*	7 920*	2.35	7 817*	1.85
-2 m	7 742*	11.76	5 723	11.76			10 452	6 415	12 197	7 545	14 466	8 987	17 519	10 873	20 912*	13 452	25 089*	17 215	28 311*	23 284	18 276*	18 276*	12 837*	12 837*	10 685*	2.35	9 420*	1.75
-3 m	8 852*	11.31	6 105	11.31			10 421	6 385	12 116	7 470	14 345	8 875	17 363	10 732	20 740*	13 292	24 755*	17 057	30 225*	23 171	21 443*	21 443*	15 910*	15 910*	13 664*	2.35	12 282*	1.75
-4 m	10 428*	10.75	6 678	10.75					12 124	7 477	14 319	8 851	17 174*	10 692	20 120*	13 253	23 899*	17 044	28 927*	23 228	25 386*	25 386*	19 419*	19 420*	16 949*	2.35	15 373*	1.75
- 5 m	11 403*	10.05	7 533	10.05					11 530*	7 593	13 774*	8 928	16 163*	10 759	18 974*	13 331	22 459*	17 165	26 973*	23 438	30 328*	30 328*	23 515*	23 515*	20 668*	2.35	18 809*	1.75
-6 m	11 466*	9.2	8 854	9.2							11 974*	9 140	14 470*	10 949	17 152*	13 538	20 306*	17 424	24 233*	23 806	29 424*	29 424*	28 471*	28 471*	25 025*	2.35	22 749*	1.75
-7 m	11 300*	8.12	11 066	8.12									11 644*	11 318	14 346*	13 907	17 181*	17 181*	20 460*	20 460*	24 542*	24 542*	30 166*	30 166*	30 363*	2.35	29 596*	2.21
-8 m	10 543*	6.72	10 543*	6.72													12 514*	12 514*	15 159*	15 159*	17 990*	17 990*			18 099*	3.96	18 099*	3.96

SF	H700LHD-5B MASS							S	SHC BUC	DE : 6 CKET : S	50 (mm AE/PCS					= 3.00 (ACH = 9		BC	OM : 6.	58 (m)								
													R	adius	of Loa	ad												
Bucket Hook	N	/lax. I	Radiu	S	12	m	11	m	10) m	9	m	8	m	7	m	6	m	5	m	4	m	3	m	١	∕lin. I	Radiu	S
Height	ľ	h	Ģ	þ-	ů	; }-	ů	Ģ₽•	Ů	Ģ₽•	ů	÷	ů	₿÷	ů	Ç } ⊷	ů	Ç₽-	ů	Ç₽-	Ů	Ç₽•	ů	̇	ľ	j	Ģ	1-0
6 m	11 067*	8.66	11 067*	8.66									13 617*	13 617*											15 391*	7.14	15 391*	7.14
5 m	8 672*	9.41	8 672*	9.41							11 624*	10 994	15 317*	13 721	16 697*	16 697*									18 158*	6.22	18 158*	6.22
4 m	8 570*	9.66	8 570*	9.66							13 849*	10 732	16 169*	13 298	18 023*	16 771	20 711*	20 711*	24 883*	24 883*	32 153*	32 153*			27 107*	3.19	27 107*	3.19
3 m	9 082*	9.76	8 975	9.76							15 378*	10 445	17 047*	12 856	19 358*	16 106	22 734*	20 756	28 049*	27 999	34 644*	34 644*			15 670*	3.49	15 670*	3.49
2 m	9 791*	9.76	8 799	9.76							15 749	10 169	17 833*	12 440	20 534*	15 496	24 443*	19 850	30 500*	26 612	22 756*	22 756*			11 636*	3.47	11 636*	3.47
1 m	10 763*	9.64	8 817	9.64							15 490	9 930	18 416*	12 086	21 404*	14 992	25 628*	19 148	31 937*	25 659	22 033*	22 033*			9 938*	3.13	9 938*	3.13
0 m	12 111*	9.42	9 047	9.42							15 299	9 755	18 558	11 818	21 855*	14 622	26 182*	18 668	32 367*	25 097	25 042*	25 042*	14 034*	14 034*	13 543*	2.57	13 543*	2.57
-1 m	14 047*	9.08	9 534	9.08							15 206	9 670	18 378	11 655	21 794*	14 396	26 062*	18 396	31 899*	24 835	30 083*	30 083*	19 601*	19 601*	15 994*	2.35	17 024*	2.02
-2 m	15 911*	8.61	10 376	8.61									17 790*	11 614	21 111*	14 315	25 216*	18 311	30 581*	24 805	36 902*	36 902*	25 733*	25 733*	21 782*	2.35	19 667*	1.75
-3 m	16 141*	7.98	11 774	7.98											19 601*	14 393	23 514*	18 403	28 335*	24 976	34 532*	34 532*	32 881*	32 881*	28 155*	2.35	25 430*	1.75
-4 m	16 144*	7.16	14 196	7.16											16 768*	14 677	20 641*	18 693	24 903*	24 903*	30 017*	30 017*	36 514*	36 514*	35 672*	2.35	33 001*	1.94
- 5 m	15 529*	6.05	15 529*	6.05													15 738*	15 738*	19 672*	19 672*	23 641*	23 641*	28 008*	28 008*	28 352*	2.93	28 352*	2.93

SH800LHD-5B Technical data

Engine

•	
	SH800LHD-5B
Model	ISUZU GH-6WG1X
Туре	Electric control, water cooled, 4-cycle diesel, 6-cylinder in line, direct injection, turbocharged with air cooled inter-cooler
Rated output	377 kW (510 PS) at 1,800 min ⁻¹ (rpm)
Maximum torque	2,138 N-m at 1,500 min-1(rpm)
Piston displacement	15,681 cc
Bore and stroke	147 mm x 154 mm
Starting system	24 V electric motor starting
Alternator	24 V, 50 A
Fuel tank	900 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 Intelligent 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 provide power for boom, arm, bucket, swing and travel.

	SH800LHD-5B
Maximum oil flow	2 x 500 liters/min
Pilot pump max.oil flow	27 liters/min

Hydraulic motors

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

Relief valve settings

Boom/arm/bucket 36.3 MPa(370 kgf/cm²)<Holding pressure> Boom/arm/bucket 31.4 MPa(320 kgf/cm²)<Working pressure> Boom/arm/bucket 34.3 MPa(350 kgf/cm²) with Power-up<Working pressure>

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

		SH800LHD-5B
Boom	2	200 mm x 140 mm x 1,893 mm
Arm	1	215 mm x 150 mm x 2,290 mm
Arm (Mass)	1	215 mm x 150 mm x 2,175 mm
Bucket	1	190 mm x 130 mm x 1,555 mm
Bucket (Mass)	1	215 mm x 150 mm x 1,520 mm

Double-acting, bolt-up type cylinder end;hardened steel bushings Installed in cylinder tube and rod 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. Controll levers are located in 4 positions with tilting control consoles. Reliable soft-touch swiches are a standard feature. An easy-to-read fuldot LCD monitor keeps operation in touch with critical machine functions.

Swing

Planetary reduction powered by an axial piston motor. Internal ring gear with grease cavity for pinion. Swing bearing is single-row shear type ball bearing. Dual stage relief valves for smooth swing deceleration and stops. Mechanical disc swing brake.

SH800LHD-5B	
0~6.4 min ⁻¹ (rpm)	
4,300 mm	
266 kN•m·27,100 kgf•m	
	0~6.4 min ⁻¹ (rpm) 4,300 mm

Undercarriage

X-style carbody is integrally welded for strength and durability. Grease cylinder track adjusters with shock absorbing springs. Undercarriage with lubricated rollers and idlers.

Type of shoe:sealed link shoe

Upper rollers -

Heat treated, mounted on steel bushings with fluorine resin, sealed for lifetime lubrication.

Lower rollers -

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

Track adjustment -

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

Number of rollers and shoes on each side

	SH800LHD-5B
Upper rollers	3
Lower rollers	9
Track shoes	51

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 into each motor.

		SH800LHD-5B
Travel append	High	4.3 km/h
Travel speed	Low	3.0 km/h
Drawbar pull		502 kN ·51,190 kgf

Lubricant & coolant capacity

	SH800LHD-5B	
Hydraulic system	720 liters	
Hydraulic oil tank	310 liters	
Fuel tank	900 liters	
Cooling system	108 liters	
Final drive case(per side)	13.8 liters	
Swing drive case(per side)	5.7 liters	
Engine crank case (with remote oil filter)	52 liters	

Auxiliary hydraulic system

Model	SH8001	LHD-5B
Auxiliary piping type (option)	For Breaker	For Double (breaker & crusher) acting
Arm type	STD	STD
Bucket linkage type	STD	STD
Auxiliary hydraulic pump flow	max.480 liters/min	max.1 000 liters/min

Weight & ground pressure

Model		SH800LHD-5B (Mass)	
Shoe type	Shoe width	Operating weight	Ground pressure
	650 mm	80 100 kg (81 400 kg)	109 kPa (111 kPa)
Triple grouser shoe	750 mm	80 800 kg (82 100 kg)	96 kPa (99 kPa)

Diaging force

		SH800LHD-5B		SH800LHD-5B Mass
	3.66 m	4.44 m	5.62 m	2.98 m
SO 6015		330 kN <361 kN>		420 kN <460 kN>
SAE: PCSA		294 kN <322 kN>		412 kN <377 kN>
SO 6015	274 kN <300 kN>	232 kN <253 kN>	202 kN <221 kN>	314 kN <343 kN>
SAE: PCSA	265 kN <290 kN>	225 kN <247 kN>	197 kN <216 kN>	332 kN <304 kN>
2	AE: PCSA SO 6015	CO 6015 AE: PCSA CO 6015 274 kN <300 kN>	3.66 m 4.44 m SO 6015 330 kN <361 kN> AE: PCSA 294 kN <322 kN> SO 6015 274 kN <300 kN> 232 kN <253 kN>	3.66 m 4.44 m 5.62 m SO 6015 330 kN <361 kN> AE: PCSA 294 kN <322 kN> SO 6015 274 kN <300 kN> 232 kN <253 kN> 202 kN <221 kN>

Principal specifications & dimensions

i intoipai opeointoation		
Model	SH800LHD-5B	SH800LHD-5B Mass
Boom Length	8.4 m	7.25 m
& Arm Length	3.66 m	2.98 m
Arm Length Bucket capacity (ISO heaped)	3.3 m ³	5.0 m ³
Operating weight	80 100 kg	81 400 kg
Make & model	ISUZU Gł	H-6WG1X
Make & model Rated output	377 kW (513 F	PS)/1 800 min ⁻¹
Displacement	15 700) ml (cc)
Main pump Max Pressure		ent axial piston pumps ting system
Max Pressure	31.4	MPa
	34.3	MPa
Travel motor	Variable displaceme	nt axial piston motor
(with auto power up) Travel motor Parking brake type	Mechanica	l disc brake
Swing motor	Fixed displacemen	t axial piston motor
Travel speed	4.3/3.	0 km/h
Traction force	502	2 kN
Grade ability Ground pressure Swing speed	70% -	<35°>
E Ground pressure	109 kPa	111 kPa
Swing speed	6.4	min ⁻¹
a Bucket	361 kN	460 kN
Arm	300 kN	343 kN
Fuel tank Hydraulic fluid tank	900	liter
E Hydraulic fluid tank	310	liter

Lifting capacity

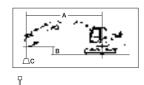
	2. Lift	ing c el gro e loa dicat	apac ound d poir es l oa	ity do or 87 nt is a ad l im	es n % fu a hoo	ot exe II hyd Ik (no	ceed rau l ic t star	75% capa ndard	of tip acity. equi	pmer							ucke	t.					- A		I .,	• 	B: I C:	Bucke Lifting	is of I d et hoo g capa	ok he	∍ight	
CL							SHC	E :	350 (m	m)G		AF	RM LEI	NGTH	= 3.66	(m)		BOOM	1:8.4		<u> </u>	ver F	ront		.	[∎] Öv	er Sid	adius de			Uni	t:k
SF	100	UL	-	J-;	DD)	BUC	KET : S	SAE/P	СŚА З	.3 (m ³)	M	AXIMU	M REA	ACH =	12.13	(m)			. ,												
															Ra	ldius	of Lo	ad														
Bucket Hook	Μ	ax. F	Radiu	S	14	m	13	m	12	m	11	m	10	m	9	m	8	m	7	m	6	m	5	m	4	m	3	m	N	/lin.F	Radius	S
leight	ď	I	¢	=0	ů	; ‡-•	ů	; ‡•	ů	; ‡-•	Ġ	; ‡-•	ů	Ģ ₽•	ů	; ‡-•	ů	Ģ₽•	ů	; ‡•	ů	Ģ ⊨∘	ů	¢‡•	ų	;]-•	ů	Ģ⊷	ć	j	Ģ	⊨₀
0 m	7 538*	9.69	7 538*	9.69																									8 605*	9.5	8 605*	9.9
9 m	7 401*	10.37	7 401*	10.37									9 579*	9 579*															11 698*	9.48	11 698*	9.48
8 m	7 372*	10.92	7 372*	10.92									12 197*	12 197*															12 569*	9.22	12 569*	9.2
7 m	7 433*	11.35	7 433*	11.35							9 931*	9 931*	12 515*	12 515*	13 221*	13 221'													13 493*	8.68	13 493*	8.6
6 m	7 579*	11.68	7 579*	11.68							12 275*	10 427	12 966*	12 496	13 895*	13 895'	15 131*	15 131*											15 613*	7.68	15 613*	7.6
5 m	7 811*	11.92	7 811*	11.92							12 619*	10 158	13 500*	12 105	14 666*	14 551	16 227*	16 227*	18 384*	18 384'	21 525*	21 525*	26 492*	26 492*	35 726	35 726			36 001*	3.98	36 001*	3.98
4 m	8 136*	12.07	8 136*	12.07					8 818*	8 362	13 004*	9 868	14 071*	11 696	15 472*	13 985	17 358*	16 948	19 996*	19 996'	23 909*	23 909*	30 289*	30 289*					23 850*	4.41	23 850*	4.41
	8 568*			12.13							13 386*																		18 053*	4.58	18 053*	4.58
	9 130*	12.11	7 853	12.11					10 411*	7 982	13 725*	9 309	15 127*	10 928	16 936*	12 948	19 347*	15 544	22 689*	19 016	27 542*	23 935	23 651*	23 651*					15 082*		15 082*	
1 m			7 825	12					9 862*	7 826	13 977*																				13 525*	
	10 804*												15 757*																		13 035*	
	12 064*												15 795*																		17 932*	
	13 420*										13 679*	8 736																	19 074*			
	13 655*																														22 603*	
	13 844*			10.03									13 912*																		27 496*	
	13 927*			9.26											14 595*	121/5						22 942 20 036*									34 143*	
-6 m	13 772° 13 042*		13 772*	8.3													14 582									20 623					29 184*	
· · · · ·	10/042	1.00	13/042	7.06															12 180.	12 190	10/03	15 763*	10 191.	10 191.					10 330	4.94	18 330*	4.5

SF	180)0L	.HI	D-:	5 B)	SHO BUC		650 (m SAE/P0		0 (m ³)			NGTH M REA				BOON	И:8.40	0 (m)												
_															Ra	dius	of Lo	ad														
Bucket Hook	N	1ax. F	Radiu	s	14	m	13	m	12	m	11	m	10	m	9	m	8	m	7	m	6	m	5	m	4	m	3	m	N	/lin. F	Radius	s
Height	ľ	h	Ģ	⊨∘	ů	Ģ-	Ů	;	ů	; }-	ų	Ģ-	ů	; }-	ů	Ģ-	ů	; }-•	ų	; }-	ů	Ģ⊷	ų	Ģ⊷	Ģ	; }-	ů	; }-	d]	Ģ	ŀ
10 m	4 512*	10.83	4 512*	10.83																									7 043*	10.28	7 043*	10.28
9 m	4 372*	11.45	4 372*	11.45							6 652*	6 652*																	8 979*	10.26	8 979*	10.26
8 m	4 300*	11.95	4 300*	11.95							8 583*	8 583*																	10 738*	10.04	10 738*	10.04
7 m	4 285*	12.34	4 285*	12.34					6 363*	6 363*	10 087*	10 087*	11 486*	11 486*															11 700*	9.6	11 700*	9.6
6 m	4 321*	12.65	4 321*	12.65					8 072*	8 072*	11 393*	10 641	12 000*	12 000*	12 788*	12 788*													12 927*	8.85	12 927*	8.85
5 m	4 409*	12.86	4 409*	12.86					9 471*	8 703	11 812*	10 341	12 601*	12 351	13 625*	13 625*	14 971*	14 971*											15 763*	7.53	15 763*	7.53
4 m	4 548*	13	4 548*	13					10 721*	8 475	12 273*	10 020	13 248*	11 914	14 515*	14 302	16 199*	16 199*	18 522*	18 522*	21 900*	21 900*	27 217*	27 217*	31 373*	31 373*			21 439*	3.73	21 439*	3.73
3 m	4 745*	13.06	4 745*	13.06			5 243*	5 243*	11 829*	8 240	12 740*	9 697	13 897*	11 479	15 397*	13 717	17 401*	16 617	20 186*	20 186*	24 272*	24 272*	30 749*	30 749*	15 140*	15 140*			13 850*	3.93	13 850*	3.93
2 m	5 007*	13.04	5 007*	13.04			5 348*	5 348*	12 121*	8 016	13 177*	9 390	14 501*	11 070	16 210*	13 174	18 487*	15 891	21 641*	19 544	26 228*	24 749	29 275*	29 275*	12 283*	12 283*			10 578*	3.86	10 578*	3.86
1 m	5 347*	12.94	5 347*	12.94					12 353*	7 814	13 545*	9114	15 016*	10 706	16 897*	12 699	19 382*	15 272	22 781*	18 740	27 623*	23 713	25 512*	25 512*	13 129*	13 129*			8 993*	3.49	8 993*	3.49
0 m	5 787*	12.76	5 787*	12.76					12 484*	7 648	13 806*	8 882	15 401*	10 401	17 411*	12 308	20 030*	14 782	23 549*	18 135	28 433*	23 002	25 561*	25 561*	15 411*	15 411*	9 673*	9 673*	10 517*	2.76	10 517*	2.76
-1 m	6 357*	12.5	6 357*	12.5					11 899*	7 531	13 916*	8 706	15 614*	10 166	17 712*	12 012	20 395*	14 421	23 928*	17 718	28 703*	22 558	27 486*	27 486*	18 407*	18 407*	13 308*	13 308*	11 894*	2.54	12 985*	2.26
-2 m	7 106*	12.14	7 106*	12.14					8 956*	7 479	13 821*	8 595	15 610*	10 008	17 760*	11 811	20 451*	14 186	23 914*	17 464	28 482*	22 324	30 623*	30 345	21 906*	21 906*	16 939*	16 939*	15 503*	2.54	14 214*	1.86
-3 m	8 116*	11.69	7 804	11.69							13 439*	8 563	15 331*	9 934	17 511*	11 710	20 164*	14 069	23 498*	17 355	27 792*	22 258	33 442*	30 385	25 890*	25 890*	20 736*	20 736*	19 182*	2.54	17 648*	1.86
-4 m	9 534*	11.14	8 486	11.14							11 832*	8 635	14 685*	9 956	16 897*	11 710	19 485*	14 067	22 646*	17 376	26 618*	22 338	31 737*	30 580	30 447*	30 447*	24 829*	24 829*	23 080*	2.54	21 247*	1.86
-5 m	11 655*	10.45	9 488	10.45									13 487*	10 099	15 799*	11 824	18 324*	14 185	21 284*	17 525	24 893*	22 558	29 433*	29 433*	35 377*	35 377*	29 360*	29 360*	27 326*	2.54	25 114*	1.86
-6 m	12 382*	9.61	11 007	9.61											13 971*	12 086	16 509*	14 440	19 274*	17 815	22 490*	22 490*	26 390*	26 390*	31 350*	31 350*	34 521*	34 521*	32 074*	2.54	31 153*	2.33
-7 m	12 072*	8.57	12 072*	8.57													13 662*	13 662*	16 336*	16 336*	19 162*	19 162*	22 363*	22 363*	26 196*	26 196*			29 293*	3.34	29 293*	3.34

- 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.

SF	180	0L	.HI	D-:	5B	}	SHO BUC		650 (m SAE/P(.4 (m ³)				= 5.62 ACH =			BOON	A : 8.4	0 (m)												
															Ra	dius	of Lo	ad														
Bucket Hook	M	ax. F	Radiu	s	14	m	13	m	12	m	11	m	10	m	9	m	8	m	7	m	6	m	5	m	4	m	3	m	Ν	∕lin. F	Radius	s
Height	Ů		Ç\$	=0	ů	¢‡-•	ů	; }-	Ġ	¢₽-	ů	; ‡•	ů	; }-	ů	¢₽-	ů	; }-•	Ġ	; }-	ů	; }-•	ů	; }-	Ġ	; ₽•	ů	; }-•	ľ	5	¢ 1	┢╸
11 m	4 448*	11.52	4 448*	11.52																									5 179*	11.32	5 179*	11.32
10 m	3 798*	12.29	3 798*	12.29					4 965*	4 965*																			6 410*	11.46	6 410*	11.46
9 m	3 668*	12.84	3 668*	12.84					6 439*	6 439*																			7 411*	11.44	7 411*	11.44
8 m	3 589*	13.28	3 589*	13.28			4 853*	4 853*	7 402*	7 402*																			8 316*	11.27	8 316*	11.27
7 m	3 554*	13.64	3 554*	13.64			6 128*	6 128*	8 198*	8 198*	9 203*	9 203*																	9 256*	10.92	9 256*	10.92
6 m	3 558*	13.91	3 558*	13.91			7 080*	7 080*	8 985*	8 985*	10 016*	10 016*																	10 284*	10.36	10 284*	10.36
5 m	3 601*	14.11	3 601*	14.11	4 240*	4 240*	7 897*	7 570	9 848*	8 988	10 510*	10 510*	11 121*	11 121*															11 469*	9.52	11 469*	9.52
4 m	3 682*	14.24	3 682*	14.24	5 020*	5 020*	8 656*	7 367	10 421*	8710	11 055*	10 331	11 852*	11 852*	12 864*	12 864*													13 947*	8.16	13 947*	8.16
3 m	3 805*	14.29	3 805*	14.29	5 496*	5 496*	9 373*	7 155	10 837*	8 424	11 621*	9 954	12 605*	11 839	13 868*	13 868*	15 532*	15 532*	17 808*	17 808*	21 081*	21 081*	26 135*	26 135*					33 091*	4.15	33 091*	4.15
2 m	3 972*	14.27	3 972*	14.27	5 663*	5 663*	10 013*	6 945	11 246*	8 143	12 174*	9 586	13 338*	11 358	14 837*	13 590	16 823*	16 491	19 556*	19 556*	23 512*	23 512*	29 630*	29 630*					21 477*	4.09	21 477*	4.09
1 m	4 191*	14.18	4 191*	14.18	5 430*	5 430*	10 488*	6 749	11 617*	7 880	12 682*	9 242	14 010*	10 913	15 716*	13 011	17 972*	15 729	21 066*	19 402	25 508*	24 677	32 255*	32 255*	15 909*	15 909'			13 281*	3.75	13 281*	3.75
0 m	4 473*	14.02	4 473*	14.02	4 604*	4 604*	10 648*	6 577	11 921*	7 646	13 111*	8 937	14 582*	10 520	16 456*	12 508	18 916*	15 083	22 257*	18 569	26 974*	23 600	27 776*	27 776*	15 727*	15 727			9 404*	3.04	9 404*	3.04
-1 m	4 831*	13.78	4 831*	13.78			10 268*	6 440	12 124*	7 451	13 427*	8 680	15 015*	10 192	17 016*	12 095	19 612*	14 569	23 087*	17 934	27 899*	22 832	27 063*	27 063*	17 074*	17 074'	11 456*	11 456*	9 769*	2.54	8 097*	1.86
-2 m	5 290*	13.46	5 290*	13.46			9 027*	6 350	12 186*	7 306	13 595*	8 481	15 276*	9 937	17 362*	11 779	20 030*	14 185	23 542*	17 483	28 312*	22 324	28 321*	28 321*	19 274*	19 274'	14 041*	14 041*	12 433*	2.54	10 784*	1.86
-3 m	5 882*	13.06	5 882*	13.06			6 434*	6 325	12 051*	7 220	13 569*	8 349	15 325*	9 761	17 460*	11 560	20 143*	13 927	23 616*	17 195	28 242*	22 029	30 858*	29 967	22 102*	22 102	16 931*	16 931*	15 305*	2.54	13 583*	1.86
-4 m	6 665*	12.56	6 665*	12.56					11 623*	7 209	13 285*	8 290	15 112*	9 668	17 269*	11 439	19 923*	13 789	23 292*	17 054	27 698*	21 912	33 667*	29 923	25 513*	25 513'	20 148*	20 148*	18 429*	2.54	16 557*	1.86
-5 m	7 733*	11.96	7 343	11.96							12 638*	8 322	14 560*	9 666	16 729*	11 419	19 320*	13 765	22 536*	17 046	26 659*	21 951	32 146*	30 060	29 582*	29 582	23 767*	23 767*	21 878*	2.54	19 777*	1.86
-6 m	9 266*	11.23	8 2 3 4	11.23							11 399*	8 478	13 536*	9 772	15 739*	11 509	18 253*	13 859	21 277*	17 169	25 061*	22 137	29 994*	29 994*	34 500*	34 500'	27 914*	27 914*	25 761*	2.54	23 335*	1.86
-7 m	10 823*	10.36	9 549	10.36									11 739*	10 029	14 108*	11 730	16 573*	14 086	19 387*	17 433	22 782*	22 478	27 080*	27 080*	32 870*	32 870'	32 799*	32 798*	30 248*	2.54	27 354*	1.86
-8 m	10 565*	9.29	10 565*	9.29											11 387*	11 387*	13 982*	13 982*	16 625*	16 625*	19 602*	19 602*	23 182*	23 182*	27 793*	27 793	34 407*	34 407*	36 715*	2.71	36 715*	2.71
-9 m	9 813*	7.95	9 813*	7.95															12 461*	12 461*	15 085*	15 085*	17 887*	17 887*					18 485*	4.8	18 485*	4.8

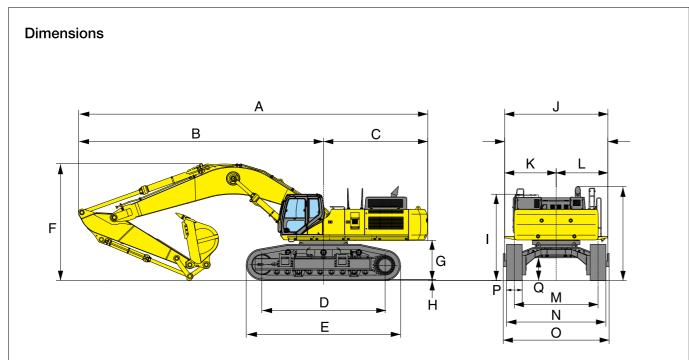
SF	180	0L	HI	D-!	5 B	Ν	/la	SS		SHOE BUCK		50 (mn AE/PC	n)G SA 4.1	(m ³)				2.98 (CH = 1			BOOM	: 7.25	(m)									
															Ra	dius	of Lo	ad														
Bucket	N	lax. F	Radiu	s	14	m	13	m	12	m	11	m	10	m	9	m	8	m	7	m	6	m	5	m	4	m	3	m	Ν	∕lin. F	Radiu	s
Hook Height	ŕ]	Ģ	⊨∘	ů	Ģ ⊨∘	ů	; }~	ů	Ģ ⊫∘	ů	; }~	ů	; ₽•	ů	; ‡-•	ů	; }-	ů	; }~	Ġ	¢ } ⊷	ų	; }-•	ů	; ‡-•	ů	; }-•	þ	<u>'</u>	Ģ	1_0
9 m	11 977*	8.14	11 977*	8.14													12 811*	12 811*											13 054*	7.96	13 054*	7.96
8 m	11 860*	8.83	11 860*	8.83													15 864*	15 864*											15 951*	7.87	15 951*	7.87
7 m	11 948*	9.36	11 948*	9.36											14 513*	14 513*	16 306*	16 306*											16 839*	7.49	16 839*	7.49
6 m	12 214*	9.76	12 214*	9.76											15 890*	14 988	17 022*	17 022*	18 577*	18 577*									19 168*	6.69	19 168*	6.69
5 m	12 658*	10.04	11 899	10.04									13 120*	12 001	16 440*	14 574	17 916*	17 910	19 949*	19 949*	22 860*	22 860*	27 317*	27 317*	34 976*	34 976*			41 435*	3.5	41 435*	3.5
4 m	13 296*	10.22	11 250	10.22									15 707*	11 710	17 063*	14 119	18 883*	17 240	21 405*	21 405*	25 082*	25 082*	30 892*	30 892*	37 608*	37 608*			36 923*	3.99	36 923*	3.99
3 m	14 168*	10.29	10 839	10.29									16 051*	11 408	17 671*	13 666	19 811*	16 586	22 769*	20 526	27 090*	26 160	33 907*	33 907*					25 241*	4.18	25 241*	4.18
2 m	15 340*	10.27	10 641	10.27									16 317*	11 127	18 177*	13 251	20 586*	16 000	23 875*	19 708	28 606*	25 009	35 816*	33 317					19 978*	4.11	19 978*	4.11
1 m	16 151*	10.14	10 652	10.14									16 418*	10 894	18 497*	12 904	21 109*	15 522	24 598*	19 068	29 473*	24 184	36 537*	32 359	20 753*	20 753*			17 313*	3.77	17 313*	3.77
0 m	16 446*	9.91	10 890	9.91											18 543*	12 649	21 294*	15 171	24 855*	18 622	29 660*	23 663	36 280*	31 866	25 895*	25 895*			16 372*	3.07	16 372*	3.07
-1 m		9.57	11 406	9.57											18 205*	12 504	21 056*	14 959	24 591*	18 362	29 179*	23 396	35 229*	31 688	32 198*	32 198'	22 882*	22 882*	20 442*	2.54	22 839*	2.24
-2 m	17 023*	9.1	12 294	9.1											17 312*	12 493	20 283*	14 893	23 735*	18 278	28 017*	23 342	33 443*	31 744	39 680*	39 680	29 857*	29 857*	27 173*	2.54	25 218*	2.02
-3 m	17 209*	8.49	13 751	8.49													18 778*	14 993	22 157*	18 370	26 091*	23 483	30 850*	30 850*	36 628*	36 628'	37 492*	37 492*	34 299*	2.54	32 520*	2.19
-4 m	17 174*	7.69	16 203	7.69															19 581*	18 665	23 190*	23 190*	27 251*	27 251*	31 922*	31 922	37 287*	37 287*	39 151*	2.68	39 151*	2.68
-5 m	16 580*	6.65	16 580*	6.65																	18 845*	18 845*	22 238*	22 238*	25 679*	25 679			26 699*	3.7	26 699⁺	3.7



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

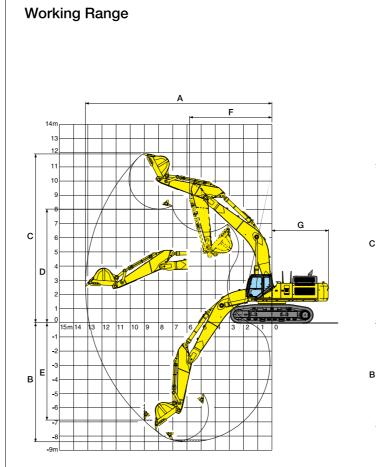
Unit : kg

Load Radius Over Front	Load Radius Over Side	
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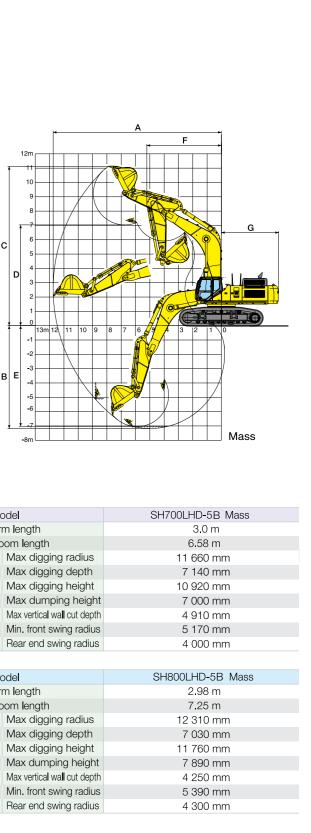
Μ	odel	SH700LHD-5B				SH700LHD-5B Mass
Ar	m length	3.0 m	3.55 m	4.11 m	5.0 m	3.0 m
А	Overall length	13 250 mm	13 290 mm	13 300 mm	13 170 mm	12 280 mm
в	Length from center of machine (to arm top)	9 280 mm	9 320 mm	9 330 mm	9 200 mm	8 310 mm
С	Upper structure rear end radius			3 970) mm	
D	Center to center of wheels			4 700) mm	
Е	Overall track length			5 880) mm	
F	Overall height	4 370 mm	4 300 mm	4 470 mm	5 160 mm	5 030 mm
G	Clearance height under upper structure	1 510 mm				
Н	Shoe lug height	50 mm				
T	Cab height	3 480 mm				
J	Upper structure overall width with catwalk			3 990) mm	
Κ	Width from center of machine (left side)			1 995	5 mm	
L	Width from center of machine (right side)			1 995	5 mm	
Μ	Track gauge (Retract)	3 250 mm (2 740 mm)				
Ν	Overall width without lower step (Retract)	3 900 mm (3 390 mm)				
0	Overall width with lower step (Retract)	4 140 mm (3 630 mm)				
Ρ	Std. Shoe width	650 mm				
Q	Minimum ground clearance			825	mm	

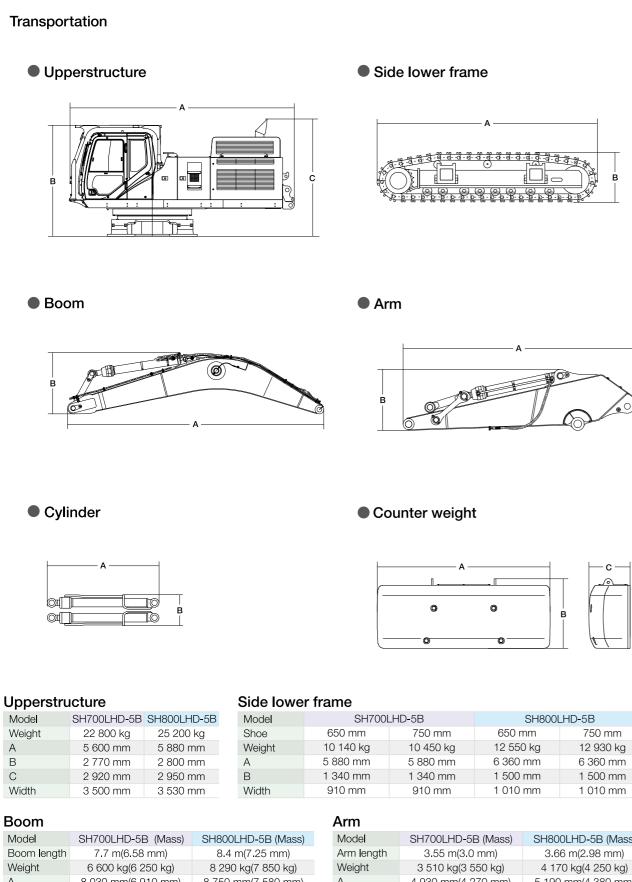
Model		SH800LHD-5B			SH800LHD-5B Mass
A	rm length	3.66 m	4.44 m	5.62 m	2.98 m
А	Overall length	14 360 mm	14 320 mm	13 920 mm	13 230 mm
в	Length from center of machine (to arm top)	10 080 mm	10 040 mm	9 640 mm	8 950 mm
С	Upper structure rear end radius		4 280) mm	
D	Center to center of wheels		5 070) mm	
Е	Overall track length		6 360) mm	
F	Overall height	4 810 mm	4 810 mm 5 000 mm 6 170 mm		
G	Clearance height under upper structure	1 590 mm			
Н	Shoe lug height	50 mm			
Т	Cab height	3 570 mm			
J	Upper structure overall width with catwalk		4 250) mm	
Κ	Width from center of machine (left side)		2 125	5 mm	
L	Width from center of machine (right side)		2 12	5 mm	
Μ	Track gauge (Retract)		3 450 mm	(2 830 mm)	
Ν	Overall width without lower step (Retract)		4 100 mm	(3 480 mm)	
0	Overall width with lower step (Retract)	4 360 mm (3 740 mm)			
Ρ	Std. Shoe width		650	mm	
Q	Minimum ground clearance	890 mm			



Mo	odel		SH700L	_HD-5B		Ν	Λс	bde
Ar	m length	3.0 m	3.55 m	4.11 m	5.0 m	A	٨rr	m
Bo	oom length		7.7	7 m		E	30	or
А	Max digging radius	12 870 mm	13 160 mm	13 650 mm	14 600 mm	A	۱	Μ
в	Max digging depth	7 870 mm	8 400 mm	8 970 mm	9 850 mm	E	3	N
С	Max digging height	12 400 mm	11 920 mm	12 040 mm	12 700 mm	C)	Ν
D	Max dumping height	8 330 mm	8 020 mm	8 160 mm	8 710 mm	C)	Ν
Е	Max vertical wall cut depth	6 850 mm	6 870 mm	7 360 mm	8 630 mm	E		Μ
F	Min. front swing radius	5 860 mm	5 810 mm	5 680 mm	5 700 mm	F	=	Μ
G	Rear end swing radius		4 00	0 mm		G	à	R

M	odel	0	SH800LHD-5E	3	Mo	C
Ar	m length	3.66 m	4.44 m	5.62 m	Ar	m
Bo	oom length		8.4 m		Bo	00
А	Max digging radius	14 120 mm	14 940 mm	16 110 mm	А	Ν
в	Max digging depth	8 690 mm	9 470 mm	10 560 mm	в	Ν
С	Max digging height	12 910 mm	13 600 mm	14 300 mm	С	Ν
D	Max dumping height	8 920 mm	9 510 mm	10 170 mm	D	Ν
Е	Max vertical wall cut depth	6 440 mm	7 750 mm	9 110 mm	Е	Ν
F	Min. front swing radius	6 270 mm	6 130 mm	6 210 mm	F	Ν
G	Rear end swing radius		4 300 mm		G	F





Boom cyli	nder x 2		Counter w	Counter weight			
Model	SH700LHD-5B	SH800LHD-5B	Model	SH700LHD-5B	SH800LHD-5B		
Weight	1 400 kg	1 600 kg	Weight	10 500 kg	12 500 kg		
A	2 760 mm	2 930 mm	А	3 390 mm	3 470 mm		
В	850 mm	1 000 mm	В	1 390 mm	1 390 mm		
Height	730 mm	670 mm	С	764 mm	825 mm		

Catwalk

Model	SH700	LHD-5B	SH800	LHD-5B	Model	SH700LHD-5B	SH800LHD-5B
Arm length	Cab side	Except cab side	Cab side	Except cab side	Weight	230 kg	230 kg
Weight	13 kg	24 kg x 4	13 kg	23 kg x 4	Length	2 310 mm	2 310 mm
Length	930 mm	1 835 mm	1 060 mm	1 290 mm	Height	1 850 mm	1 850 mm
Height	140 mm		140 mm		Width	1 030 mm	1 030 mm
Width	350 mm		400 mm				

Bucket

Model		S	SH700	LHD-5	В	SH700LHD-5B Mass	Model		S	H800	LHD-5	В	SH800LHD-5B Mass
Bucket capaci (ISO/SAE/PCS		2.0 m ³	2.3 m ³	2.9 m ³	4.0 m ³	4.2 m ³	Bucket capacity (ISO/SAE/PCSA heaped)		2.4 m ³	3.0 m ³	3.3 m ³	4.1 m ³	5.0 m ³
Bucket capaci (CECE heaped	,	1.8 m ³	2.0 m ³	2.6 m ³	3.5 m ³	3.5 m ³	Bucket capacity (CECE heaped)		2.2 m ³	2.7 m ³	2.9 m ³	3.6 m ³	3.6 m ³
Bucket type			H	łD		HD	Bucket type			Н	D		STD
Number of tee	eth	4		5		5	Number of teeth		4	Ę	5	6	6
Width unit:mm	With side cutter	1 405	1 555	1 850	2 050	2 140	Width unit:mm	With side cutter	1 455	1 720	1 840	2 350	2 454
	Without side cutter	1 405	1 555	1 850	2 050	2 140		Without side cutter	1 390	1 650	1 770	2 280	2 265
Weight unit:kg		2 4 3 0	2 650	2 850	3 280	4 340	Weight unit:kg	9	2 550	2 860	2 960	3 420	3 970
	3.00 m arm				\triangle	0		2.98 m arm	-		—	—	0
Combination	3.55 m arm			\bigcirc	\triangle	_	0	3.66 m arm			0	0	_
Compination	4.11 m arm		\bigcirc	0	\times	_	Combination	4.44 m arm		\bigcirc	0	\triangle	_
	5.00 m arm	O	0	\triangle	X	—		5.62 m arm	0	\triangle	\triangle	×	_
Suitable for Suitable for	et (Suitable for ma materials with materials with materials with	densit densit	y up to y up to	o 2,00 o 1,60	0 kg/n 0 kg/n	n³ or less n³ or less	OStandard bucke ●Suitable for r OSuitable for r △Suitable for r	nàterials with o naterials with o	density density	/ up to / up to) 2,000) 1,600) kg/m) kg/m	n³ or less n³ or less

Standard equipment

[Hydraulic system]	[Safety equipment]	[Cal
 SIH:S hydraulic system Selectable operation mode (SP mode, H mode, and A mode) Auto/one-touch idling Automatic 2-speed traveling Automatic power boost Arm/boom natural lowering prevention valve Arm/boom reactivation circuit Swing brake system Swing ABS Auxiliary valve Hydraulic drive cooling fan High-performance return filter 	 Rearview mirror (left/right) Emergency exit Seat belt Gate lock lever Traveling alarm Anti-theft alarm system Engine room fire wall Fan guard Engine emergency stop switch Megavolume horn 	 Tilt Auri De HA Se: Ris (wit Cu AN Ck Ma Acc Flo Arr Asis Ro Co Sho

Accessories	

■ Full track guard

Rain reflector

- 12V power (DC-DC converter) ■ Refuel pump
 - Hose burst check valve for arm/boom cylinder
 - Polycarbonate with sunshade roof top window

Boom		
Model	SH700LHD-5B (Mass)	SH800LHD-5B (Mass)
Boom length	7.7 m(6.58 mm)	8.4 m(7.25 mm)
Weight	6 600 kg(6 250 kg)	8 290 kg(7 850 kg)
А	8 030 mm(6 910 mm)	8 750 mm(7 580 mm)
В	2 010 mm(2 490 mm)	2 310 mm(2 580 mm)
Width	1 310 mm(1 310 mm)	1 490 mm(1 490 mm)

Arm		
Model	SH700LHD-5B (Mass)	SH800LHD-5B (Mass)
Arm length	3.55 m(3.0 mm)	3.66 m(2.98 mm)
Weight	3 510 kg(3 550 kg)	4 170 kg(4 250 kg)
A	4 930 mm(4 270 mm)	5 190 mm(4 380 mm)
В	1 340 mm(1 400 mm)	1 390 mm(1 500 mm)
Width	870 mm(870 mm)	960 mm(960 mm)

Head guard (OPG level 2)

ab/interior equipment]

- ilting console mechanism
- utomatic air conditioner
- efroster
- Hot & cool box (AB operator's seat Seat suspension
- ise-up wiper
- vith intermittent operation function)
- Cup holder
- lock
- lagazine rack
- Accessory case
- rmrest & headrest shtray & cigar lighter
- loom light
- Coat hook Short lever

[Others]

- EMS
- EMS
 Long-life hydraulic oil
 Track guard-Double track guard
 Five lights (on the main unit, atop the cab, and at right/left of arm)
- Two fuel filters

- (with water separator)
 Fuel prefilter (with water separator)
 Double-element air cleaner

- Pre-cleaner
 Large tool box
 A set of tools

■Lower window guard Front guard ■Head guard (OPG level 2) Air suspension (KAB seat)