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

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SUMITOMO

SH460HD-5 SH480LHD-5 SH500LHD-5

■ Engine Rated Power • Net : 270 kW • 367 PS
Operating weight:
SH460HD-5 ······ 45,900 ~46,600 kg
SH480LHD-5 ······ 46,700 ~47,400 kg
SH500LHD-5 ······ 48,100~48,800 kg
SH480LHD-5 MASS · · · · · 47,200 ~ 47,900 kg
SH500LHD-5 MASS 48,600~49,300 kg
Bucket Canacity/ISO beaned) : 1.8~3.0 m ³





Engine and Hydraulics 04-06

- ·SPACE 5
- ·SIHIS
- · New working mode

Durability 07-09

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

Maintenance 10-11

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

Operator Comfort 12-13

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

Safety 14

- ·Optimised view from cabin
- ·High -rigidity cabin structure

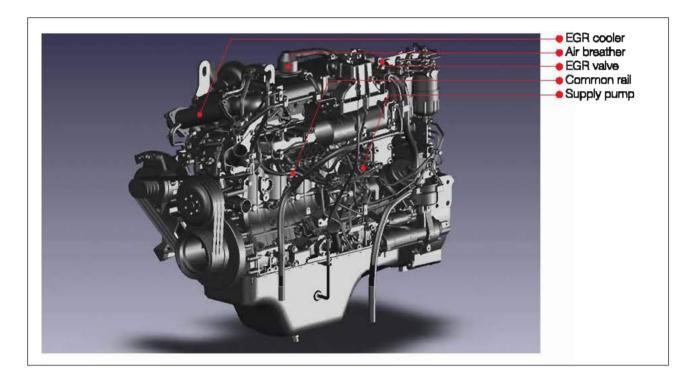
Customer and Product Support 15 Specifications 18-27

STAGE IL

Engine and Hydraulics



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

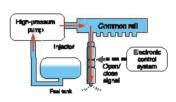


Engine

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

Common Rail Type High-Pressure Fuel Injection System

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

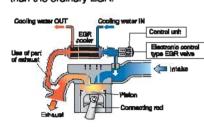


Engine

S	H460HD/SH480LHI	D/SH500LHD-5
Name of engine		ISUZU AH-6UZ1XYSS
Type		24-valve OHC
Displacement	oc	9,840
Number of cylinders - Dia. x Stro	ke mm	6-120 x 145
lated output	kW/mln ⁻¹	270/1,950
Mex. torque	N·m/min⁻¹	1,435/1,500
Size (Length-Width-Height)	mm	1235x953x1272 without Fan
Cylinder block		Ladder frame
Fan belt		V-Belt

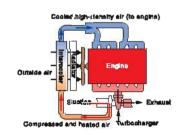
Cooled EGR System

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

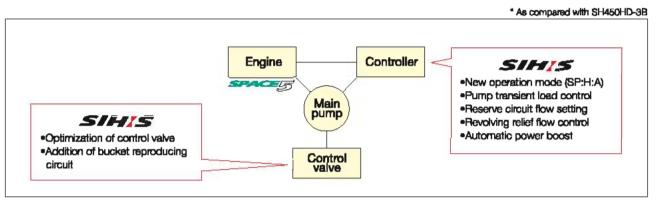


24 valve OHC Turbo Engine with Inter-Cooler

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







SP (Speed Priority mode)

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

Automatic Power Boost

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

Quick and Smooth Control Response

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

The integration of the new engine system "SPACE 5" and new hydraulic system "SIH:S" has created 3% fuel efficiency improvement in comparison with our conventional model.



Greater productivity and increased working efficiency

Hydraulic Oil Flow Control

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

Reduction of Hydrautic Courtes Oil Flow at Swing

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.

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.

04

Engine and Hydraulics

Mode Selection by Throttle

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

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



Throttle knob position	1	2	3	4–16
Engine speed	2,000	1,900	1,750	1,749~900
Operation mode	SP	Н		A
Automatic power boost		Autometic		Constant

н	HEAVY (Speed priority)	Reduction in fuel consumption by 3%	SP	SPEED PRIORITY]{^
A	AUTO (Speed and fuel efficiency)		н	HEAVY (Speed and fuel efficiency)	ttion
s	STANDARD (Fuel priority)	Same level in fuel consumption	A	ADJUSTMENT	Operat
L	LIGHT/LIFT (Fine and lifting operation)		(13 ateps)	Ordinary operation/ Fine and lifting operation)	
	SH450HD-3B			SH460HD-5	

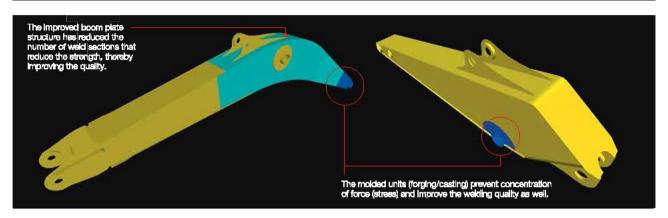
Boom & Arm

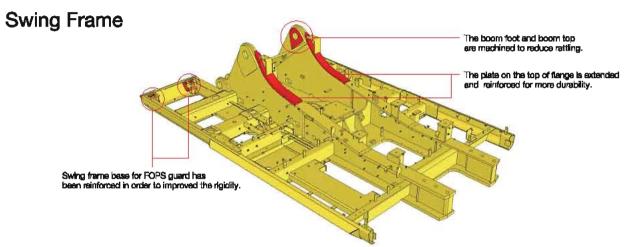
1. The boom structure is 2 pieces.

3. Thicker steel plate is used for added strength.

Durability

2. High strength castings are used for the boom base and arm foot.











- Prevention of bolt
- O Recoil spring Use of high hardness material
- Oldler Reinforced boss



9 Travel motor

improved seai

O Carrier roller

Tread machining

Treed machining

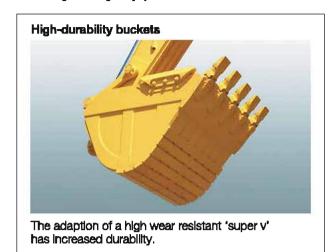
addition of law

addition of law Track roller



Durability

Heavy duty applications for SH460HD-5, SH480LHD-5, and SH500LHD-5













MASS version SH480LHD-5 MASS / SH500LHD-5 MASS

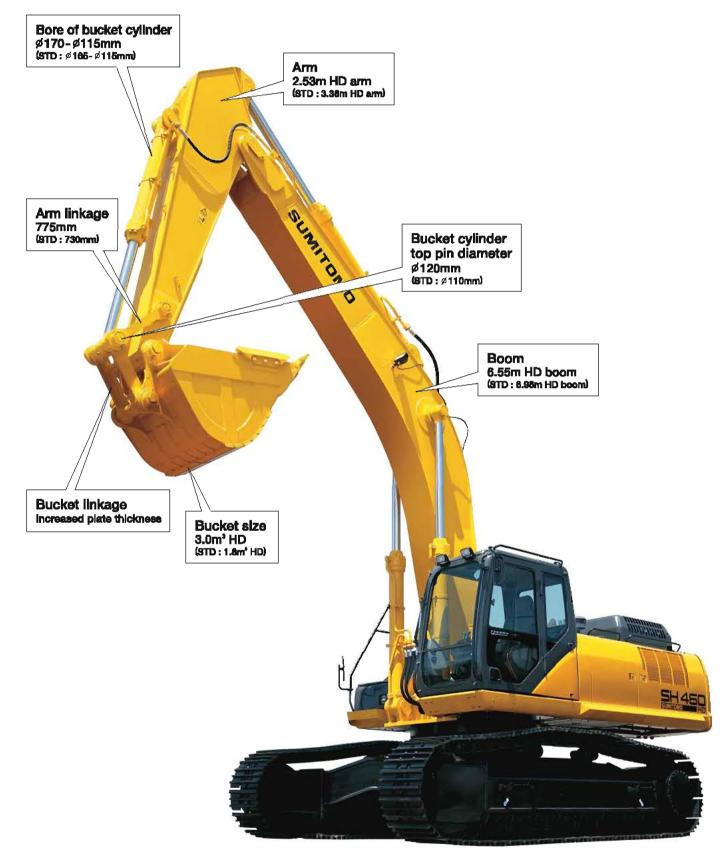


Photo: SH460HD-5 (STD version)

Maintenance

High-Performance Return Filter

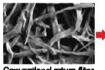
The hydraulic oil change interval is 5,000hours, and the return filter change interval is 2,000hours. One high performance return filter keeps the same level of filtering effect as a nephron.

Hydraulic oil change : 5,000 hours •Life of filter: 2.000 hours

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



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





Fuel Tank

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





Stalniess steel strainer Maintenance hole for cleaning

Engine Oil Drain Coupler

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



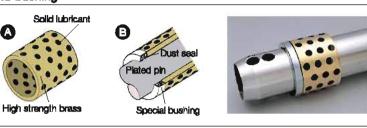
EMS (Easy Maintenance System) as Standard

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

The interval of greasing around the bucket is 250hours, keeping the joints lubricated for a long time and extending the service life of parts by reducing abrasion and rattling.

- •Greasing interval for other sections: 1,000 hours
- * The greesing interval depends on the working conditions.

■ EMS bushing



- A solid lubricant embedded in high strength brass forms a layer on the bushing surface to prevent contact between metals, maintaining an excellent lubricated state to reduce
- The surface of the pin is plated to increase the surface hardness and improve the wear resistance accordingly.

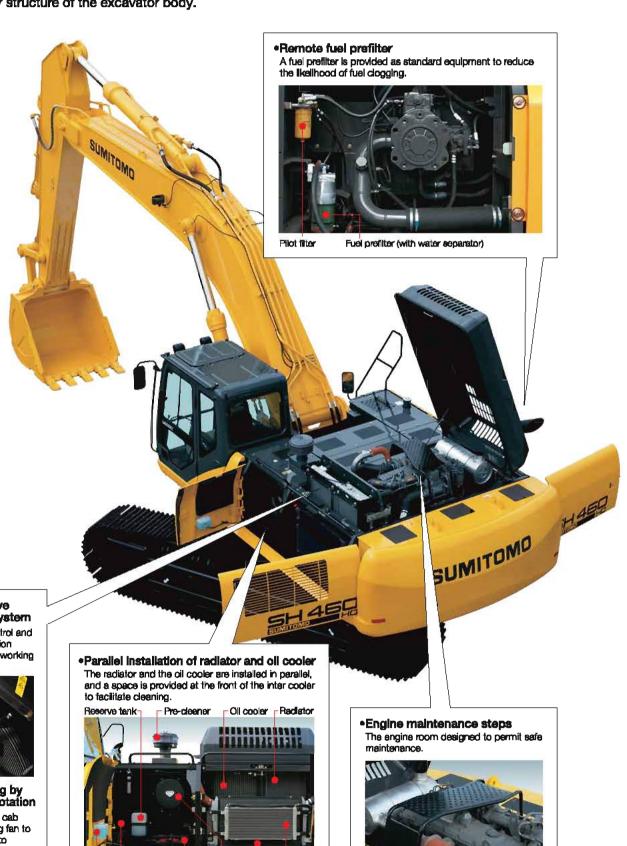


Precautionary use of EMS

- Ф Grease is enclosed, however, greasing is necessary every 1,000 hours or six months depending on the level of dusting conditions.
- @ Greesing is also necessary after any components have been submerged underwater for prolonged periods.
- (1) Greasing is also recommended after use with hydraulic breakers, crushers or other high impact attachments such as Rock Saws etc.
- 4) Bucket pins should be cleaned thoroughly when removing or attaching new buckets.

Ground level access for easy cleaning and replacement

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



 Hydraulic drive cooling fan system

Ideal cooling control and low-noise operation according to the working environment.



 Easier cleaning by reversed fan rotation

The switch in the cab allows the cooling fan to rotate in reverse to remove dust from the radiator, all cooler, inter prevent dogging.

cooler, and fuel cooler to

Open-air filter of air conditioner

Window screen washer bottle Air cleaner Fuel cooler

Operator Comfort

SUMITOMO's Redesigned Cabin and Seat for Optimum **Operator Comfort**

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



The KAB Seat Eliminates Vibration





Air auspension (Option)

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.







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



Simple to Read LCD Monitor and Switch Panel

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



Warning message

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

Active condition message

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

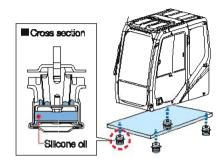
Language menu

Dutch

Japanese Danish English Norweglan Thal Swedish Finnish Chinese German Turkish French Arabic Italian Malay Spanish Indonesian Portuguese (Pictograph)

Fluid Filled Cab Mounts

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



Automatic Air Conditioner with **Round Outlets for Increased Comfort**

The air outlets of the air conditioner are provided with round grills with wide adjusting angles. The efficiency of the air conditioner has been

Increased by pressurizing the cab to make It airtight, providing a comfortable space.



ISO-compliant Pressurized Cab to Prevent Dust Entry

The sealed and pressurtzed (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 onetouch muting of the radio.







Safety

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.





Upward view

The shape of the opening has been improved and the width of the upper pillar has been narrowed to ensure comfortable upward view.



Safety Equipment in case of an Emergency



New Gate Lock Lever and Console Tilt-up Function

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





Safe and Easy Entry Into and Exit from the Cab

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







New non-elip plate

Easy Access to the Upper Structure

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



Front-right large step





ISO-compliant large handrall

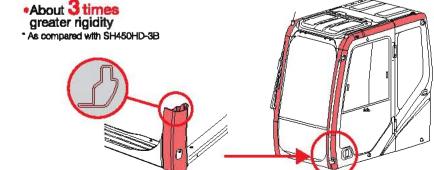
Anti-theft Alarm System

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



High-rigidity Cabin

The new cabin structure provides advanced operator protection.



Customer and Product Support



Specifications

SH460HD/SH480LHD/500LHD-5 Technical Data Engine

SH4	60HD/SH480LHD/SH500LHD-5
Model	ISUZU AH-6UZ1XYSS
Туре	Water-cooled, 4-cycle, diesel, 6-cylinder in line, direct injection (electric control), turbochanger with air cooled intercooler.
Rated output	270 kW(367 PS)/1 950 min ⁻¹
Maximum torque	1 435 N-m at 1 500min ⁻¹
Piston displacement	9 839 cc
Bore and stroke	120 mm x 145 mm
Starting system	24 V electric motor starting
Alternator	24 V , 50 A
Fuel tank	650 liters
Air filter	Double element

SIH:S

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

Hydraulic pumps

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

SH460HD/SH480LHD/SH500LHD-5				
Maximum oil flow	2 X 360 liters/min			
Pilot pump max.oil flow	30 liters/min			

Hydraulic motors

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

Working circuit pressure

Working official prossure
Boom/arm/bucket 24.5 MPa(250 kgf/cm²) <holding down)="" pressure(boom=""></holding>
36.3 MPa(370 kgf/cm²) <holding pressure(others)=""></holding>
Boom/arm/bucket ····31.4 MPa (320 kgf/cm²)
Boom/arm/bucket 34.3 MPa(350 kgf/cm²) with Power-up <working pressure=""></working>
Swing circuit ·····29.4 MPa(300 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

Suction filter · · · · · 10	5 micron
Return filter 6 r	nicron
Pilot filter line8 r	nicron

Hydraulic cylinders

	SH4	460HD/SH480LHD/SH500LHD-5
Boom	2	170 mm x 115 mm x 1 550 mm
Arm	1	200 mm x 140 mm x 1 820 mm
Bucket	1	165 mm x 115 mm x 1 285 mm

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

Cab & Controls

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

Swing

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

SH460H	D/SH480LHD/SH500LHD-5
Swing speed	0~9.0 rpm
Tail swing radius	3 680 mm
Swing torque	150 KN·m(15 300 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

	SH460HD-5
Upper rollers	2
Lower rollers	8
Track shoes	47
SH480	DLHD-5 (SH500LHD-5)
Upper rollers	2(3)
Lower rollers	9
Track shoes	50

Travel System

Two-speed independent hydrostatic system with compact axial motors for Increased performance. Hydraulic motor powerd output shaft coupled to a planetary reduction unit and track sprocket. All hydraulic components mounted within the width of side frame. Travel speed can be selected by switch panel.

Hydraulically released disc parking brake is built each motor.

	SH	460HD/SH480LHD/SH500LHD-5	
Travel speed	High	5.3 km/h	
Travel speed	Low	3.1 km/h	
Drawbar Pull		341 kN (34 800 kgf)	

Lubricant & Coolant capacity

Lubricant & Occiai	it capacity
SH4	460HD/SH480LHD/SH500LHD-5
Hydraulic system	460 liters
Hydraulic oil tank	230 liters
Fuel tank	650 liters
Cooling system	38 liters
Final drive case(per side)	15 liters
Swing drive case	10.5 liters
Engine crank case (with remote oil filter)	36 liters

Auxiliary hydraulic system

	SH460HD/SH	H480LHD/SH500LHD-5
Auxiliary piping type (option)	For Braeker	For Double (breaker & crusher) acting
Arm type	STD	HD with Reinforcement plate
Bucket linkage type	HD	HD
Auxiliary hydraulic pump flow	max.320 liter/min	max.700 liter/min

Bucket

Model			SH460HD/SH480L	HD/SH500LHD-5	SH480LHD/SH500LHD-5 MASS
Bucket ca (ISO/SAE	apacity /PCSA heap	ped) unit:mm	1.8 HD	2.0 HD	3.0HD
Bucket ca CECE hea		unit:mm	1.6 m³	1.8 m³	2.7m³
Bucket ty	pe		HD	HD	HD
No. of too	oth		5	5	6
Width	unitumm	With side cutter	1 508	1 638	1885
vvidtri	unit:mm	Without side cutter	1 400	1 530	1885
Weight		unit kg	1 830	1 930	2830
		2.53 m arm	0	•	•
		3.38 m arm	•	0	-

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

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

○ Suitable for materials with density up to 1 600 kg/m³ or less △ Suitable for materials with density up to 1 200 kg/m³ or less

Operating weight

48 600 kg

49 300 kg

Ground pressure

83 kPa

68 kPa

Weight & Ground Pressure		01.14001.1D. 5	
Model		SH460HD-5	
Shoe type	Shoe width	Operating weight	Ground pressure
Triple grouser shoe	600 mm	45 900 kg	85 kPa
mple grouser shoe	750 mm	46 600 kg	69 kPa
Model		SH480LHD-5	
Shoe type	Shoe width	Operating weight	Ground pressure
Triple grouper abox	600 mm	46 700 kg	80 kPa
Triple grouser shoe	750 mm	47 400 kg	65 kPa
Model		SH500LHD-5	
Shoe type	Shoe width	Operating weight	Ground pressure
Triale agains also	600 mm	48 100 kg	82 kPa
Triple grouser shoe	750 mm	48 800 kg	67 kPa
Model		SH480LHD-5 MASS	
Shoe type	Shoe width	Operating weight	Ground pressure
T#-1	600 mm	47 200 kg	81 kPa
Triple grouser shoe	750 mm	47 900 kg	66 kPa
Model		SH500LHD-5 MASS	

Digging Force

Triple grouser shoe

Shoe type

Model		SH460HD/SH480L	LHD/SH500LHD-5
Arm length		2.53 m	3.38m
Bucket digging force	ISO 6015	247kN <	(270kN)
<with auto="" power="" up=""></with>	SAE: PCSA	220kN <	(240kN)
Arm digging force	ISO	257kN <281kN >	209kN <229kN >
<with auto="" power="" up=""></with>	SAE: PCSA	248kN <272kN >	203kN <222kN >

Shoe width

600 mm

750 mm

16

Lifting Capacity

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

 2. Lifting capacity does not exceed 75% of tipping load with the machine on firm, level ground or 87% full hydraulic capacity.

 3. The load point is a hook (not standard equipment) located on the back of the bucket.

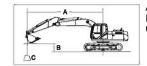
 4. *Indicates load limited by hydraulic capacity.

 5. 0m = Ground.

-6 m 8 745* 5.97 8 745* 5.97

SH	160	HD)-5	SHOE		0 (mm)G E/PCSA			/AXIMU		3.38 (m 2H = 10.		ВОС	OM : 6.9	5 (11)											
												В	adius	of Loa	d											
Bucket Hook		Max. I	Radius	i.	10	m	9	m	8	m	7	m	6	m	5	m	4	m	3	m	2	m	١	Min. F	Radius	
leight	ľ	1	¢]	ů	-	ů	;	ů		ů	;	H	-	Ů	4		-	ů	-	ů			1		-0
7 m	8 365*	8.76	6 747	8.76					9 055*	8 112													9 200°	7.6	8 953	7
6 m	6 411*	9.58	5 489	9.58				6 276	9 380*														9 934*		9 822	
5 m	6 531* 6 744*	9.91	4 998	9.91	7540	4 701		6 113			10 762*		10 046	11 040	16 000	10 000	*00 500	00 500							11 851*	
4 m 3 m	7 059*	10.14	4 653	10.14	7 546 7 405	4 791 4 659	9 149 8 919	5 913 5 699						11 940											22 729* 13 730*	
2 m	6 923	10.28	4 294	10.28	7 264	4 527	8 698	5 493	10 576		13 151			10 599									10 492*		10 492*	3
1 m	6 909		4 257	10.2	7 142	4 413	8 504		10 295					10 110									12 236*			
0 m	7 034	10.02	4 317	10.02	7 055	4 332	8 354	5 174	10 079	6 268	12 461	7 726	15 981	9 775	21 019	12 923	18 913	18 569					14 870*	3.41	14 870*	3.
-1 m	7 319	9.73	4 489	9.73			8 262	5 089	9 937	6 138	12 274	7 557	15 761	9 582	20 801	12 747	22 501	18 518					17 378*	3.17	17 378*	3.
-2 m	7 813	9.33	4 804	9.33			8 241	5 070	9 878	6 084	12 192	7 483	15 679	9 510	20 093	12 719	24 679	18 605	19 490	r 19 490°			19 760*	2.78	19 760*	2.
-3 m	8 610	8.79	5 320	8.79					9 911	6 114	12 214	7 503	15 721	9 547	18 892	12 812	22 889	18 810	24 560	* 24 560*			21 997*	2.18	21 997*	2.
-4 m	9 726*	8.09	6 160	8.09					9 927*	6 257	12 069*							19 139						TRANS.	24 092*	
-5 m	9 513*			7.18							9 950*	7 894	12 216						20 451	* 20 451*			23 182*		23 182*	
6 m	8 745*	5.97	8 745*	5.97											10 004	10 004	12 024	12 824*					13 511*	3.04	10011	o.
SH	160	ΗГ	1-5	SHOE		0 (mm)G			ARM LEN	IGTH =	2.53 (m)	вос	DM : 6.9	8 (m)											
OI 1º	100	111	/- J	BUCK	ET:SA	E/PCSA	. 2.0 (m ³) N	MIXAN	M REAC	CH = 9.4	· · ·	adiue	of Loa	Ч											
Bucket		May I	Radius		10	m	Q	m	B	m	7	m ''		m		m	4	m	3	m	2	m		Min F	Radius	
Hook	,	iviax. I							Q		0		-0		D		0				0			VIII I. I		
leight -	Ţ	_		}	Ü		U		U	4-			Ü	-	Ü		, C	-	Ü		O		-	,		
7 m	10 215*		8 050	7.89					10 0000	7.004	10 701*												10 921*		10 921*	6.
6 m	9 738*	8.71	6 503	8.71			0.400	E 005			11 189*		10 1001	40.400	45.000	45.000	* 00 000	. 00 000*					12 355*		12 355*	
5 m	9 055 8 482	9.08	5 864 5 430	9.08			9 199		10 769* 11 069		12 627*			12 189				20 233					25 114* 23 464*		21 003	4.
3 m	8 131		5 153	9.45			8 844		10 764				0.000	10 840		******							17 647*			4.
2 m	7 965	9.47	5 006	9.47			8 667		10 487		12 968			10 307									14 891*		14 891*	
1 m	7 973	9.39	4 982	9.39			8 524		10 264		12 652		16 151			13 010							18 177*		16 670	4.:
0 m	8 169	9.19	5 088	9.19			8 434	5 256	10 112	6 307	12 445	7 720	15 908	9 723	20 873	12 847							21 497*	4.12	17 643	4.
-1 m	8 591	8.88	5 348	8.88					10 043	6 243	12 347	7 632	15 814	9 640	20 146	12 833	23 885	18 819					24 354*	3.83	20 286	3.
-2 m	9 324	8.43	5 815	8.43					10 069	6 267	12 356	7 640	15 847	9 669	18 989	12 930	22 304	19 011					24 078*	3.37	24 078*	3.
-3 m	10 548	7.83	6 602	7.83							12 454*	7 755	14 744	9 805	17 331	13 132	20 167	19 313	22 770	* 22 770*			23 240*	2.68	23 240*	2.
-4 m	10 382*	7.03	7 963	7.03							10 463*	8 015	12 749	10 068	14 999	13 457	17 289	17 289*	19 353	* 19 353*			19 917*	2.64	19 917*	2.0
-5 m	9 580*	5.96	9 580*	5.96											11 611	11 611	*13 322	13 322*					13 895*	3.58	13 895*	3.
-6 m																										
			_	SHOE	. 75	0 (mm)G		,	ARM LEN	ICTL	2 20 /~	`	PO	DM : 6.9	Q (m)											
SH	160	HL)-5			E/PCSA			MAXIMU				БО	JIVI . 0.3	O (III)											
Bucket			7 1		40	·			0		7			of Loa					,		,			A) II	
Hook	,	Max. I	Radius	,		m		m		m	7			m		m		m		m		m		Min. F	Radius	
Height	Ĺ	1	Ç	1	ф	4	Ü	-	ф		Ū		r <u>H</u>	-	ď		, Ū	;	d	-	Ū	4	ď	1		-0
7 m	8 365*	8.76	6 849	8.76					9 055*	8 226													9 200*	7.6	9 074	7
6 m	6411*	9.58	5 581	9.58			8 931*	6 375	9 380*	8 027													9 934*	7.11	9 934*	7.
5 m	6 531*		5 085	9.91			9 198*	6 211	9 855*	7 760	10 762*	9 841											11 851*	6.12	11 851*	6.
4 m		10.14				4 878								12 104									22 729*			
3 m		10.26												11 392									13 730*			
2 m		10.28			7 396	4 614			10 752									17 773*					10 492*		10 492*	
1 m	7 038		4 342			4 500			10 471									16 807*					12 236*			
0 m		10.02			7 187	4 418			10 255				16 246				18 913						14 870*			
-1 m -2 m	7 456		4 579	9.73					10 114				16 026				22 501		10 400	W 10 400*			17 378*			
-2 m	7 957		4 898	9.33			8 392	5 168	10 054				15 944					18 900					19 760*			
-3 m -4 m	8 766	8.79	6 272	8.79					10 087											* 24 560* * 24 772*			21 997*			
_	9 726*								8 82/	03/1	12 069* 9 950*									*20 451*			25 246* 23 182*		24 092*	
-5 m	2019	7.18	1 108	7.18							a aoo_	0 028	12 210	10 131	14 004	19 04 1	11 200	17 200	ZU 40 I	20 40 1			20 102	4.0	20 102	- 2

10 854* 10 854* 12 824* 12 824*



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

Load Radius Over Front Load Radius Over Side

Unit : kg

SH	+OU	пЬ	7-3	BUCK	ET: SA	E/PCSA	. 2.0 (m ³) 1	IUMIXAN	VI REAC	CH = 9.4	8 (m)														
												R	adius	of Loa	ıd											
Bucket Hook	1	Max. I	Radius		10) m	9	m	8	m	7	m	6	m	5	m	4	m	3	m	2	m		Min. I	Radius	
Height	r ¹]	Ç	<u>-</u> a	Ů	-	Ů		ů		Ů	;	ů	—	Ů		ů	-	ů		ů		r.	1	Ċ.	1-0
7 m	10 215*	7.89	8 165	7.89							10 701*	10 242											10 921*	6.69	10 921*	6.69
6 m	9 738*	8.71	6 606	8.71					10 383*	7 804	11 189	9 946											12 355*	6	12 355*	•
5 m	9 204	9.08	5 961	9.08			9 350	6 064	10 769*	7 572	11 864*	9 557	13 462*	12 353	15 932*	15 932	*20 233*	20 233					25 114*	3.39	25 114*	3.39
4 m	8 627	9.32	5 525	9.32			9 182	5 908	11 238	7 297	12 627*	9 123	14 675*	11 660	17 954°	15 425							23 464*	4.01	21 296	4.01
3 m	8 273	9.45	5 246	9.45			8 995	5 734	10 940	7 018	13 365*	8 697	15 806*	11 004	19 722*	14 359							17 647*	4.31	17 626	4.31
2 m	8 106	9.47	5 099	9.47			8 818	5 570	10 663	6 764	13 180	8 326	16 665	10 471	20 815*	13 620							14 891*	4.36	14 891*	4.36
1 m	8 116	9.39	5 076	9.39			8 675	5 438	10 440	6 559	12 864	8 041	16 416	10 101	21 142*	13 221							18 177*	4.26	16 937	4.26
0 m	8 316	9.19	5 184	9.19			8 585	5 354	10 288	6 420	12 656	7 854	16 173	9 886	20 873*	13 057							21 497*	4.12	17 924	4.12
-1 m	8 745	8.88	5 448	8.88					10 219	6 356	12 558	7 766	16 079	9 804	20 146*	13 043	23 885	19 114					24 354*	3.83	20 601	3.83
-2 m	9 489	8.43	5 922	8.43					10 245	6 380	12 568	7 775	16 038	9 833	18 989°	13 140	22 304°	19 305					24 078*	3.37	24 078*	3.37
-3 m	10 629	7.83	6719	7.83							12 454*	7 889	14 744*	9 969	17 331*	13 343	20 167	19 607	22 770*	22 770*			23 240*	2.68	23 240*	2.68
-4 m	10 382*	7.03	8 097	7.03							10 463*	8 149	12 749*	10 232	14 999*	13 668	17 289*	17 289	19 353*	19 353*			19 917*	2.64	19 917*	2.64
-5 m	9 580*	5.96	9 580*	5.96											11 611*	11 611	13 322	13 322					13 895*	3.58	13 895*	3.58
-6 m																										

												F	adius	of Loa	.d											
Bucket Hook		Max. I	Radius	3	10	m	9	m	8	m	7	m	6	m	5	m	4	m	3	m	2	m		Min. I	Radius	
Height	Ę]	Ç.	}-	ů		ů	-	ů		ů		Ů		H	-	Ů	-	ů	;	ů		Ľ]	C	
7 m	8 365*	8.76	6 864	8.76					9 055*	8 242													9 200*	7.6	9 091	7.6
6 m	6 411*	9.58	5 594	9.58			8 931*	6 389	9 380*	8 043													9 934*	7.11	9 934*	7.11
5 m	6 531*	9.91	5 098	9.91			9 198*	6 226	9 855*	7 776	10 762*	9 860											11 851*	6.12	11 851*	6.12
4 m	6744*	10.14	4 751	10.14	7 886*	4 891	9 547*	6 025	10 417*	7 470	11 618*	9 400	13 346*	12 127	16 006*	16 006	20 598	20 598					22 729*	3.16	22 729*	3.16
3 m	7 059*	10.26	4 520	10.26	8 499	4 758	9 921*	5 812	11 000*	7 152	12 490°	8 932	14 658*	11 415	18 062*	15 135	24 108	21 312					13 730*	3.54	13 730*	3.54
2 m	7 495*	10.28	4 390	10.28	8 355	4 626	9 985	5 606	11 534*	6 853	13 273*	8 501	15 790*	10 787	19 694*	14 188	17 773	17 773					10 492*	3.6	10 492*	3.6
1 m	7 965	10.2	4 354	10.2	8 230	4 512	9 787	5 426	11 853	6 596	13 874*	8 144	16 600*	10 298	20 680*	13 540	16 807	16 807					12 236*	3.49	12 236*	3.49
0 m	8 116	10.02	4 417	10.02	8 141	4 431	9 633	5 287	11 630	6 398	14 227*	7 879	17 020*	9 963	21 019*	13 164	18 913	18 905					14 870*	3.41	14 870*	3.41
-1 m	8 450	9.73	4 592	9.73			9 538	5 201	11 485	6 268	14 229	7 711	17 033*	9 769	20 801*	12 988	22 501	18 855					17 378*	3.17	17 378*	3.17
-2 m	9 020	9.33	4 912	9.33			9 5 1 8	5 183	11 423	6214	13 998*	7 637	16 631*	9 698	20 093*	12 960	24 679	18 942	19 490*	19 490*			19 760*	2.78	19 760*	2.78
-3 m	9 721*	8.79	5 436	8.79					11 248*	6 244	13 306*	7 657	15 778*	9 734	18 892*	13 053	22 889	19 147	24 560*	24 560*			20 894*	2.2	21 997*	2.18
-4 m	9 726*	8.09	6 288	8.09					9 927*	6 387	12 069*	7 780	14 381*	9 880	17 119*	13 260	20 488	19 475	24 772*	24 772*			25 954*	2.2	24 092*	1.69
-5 m	9 513*	7.18	7 758	7.18							9 950*	8 048	12 216*	10 155	14 584*	13 601	17 266	17 266	20 451*	20 451*			23 182*	2.3	23 182*	2,3
-6 m	8 745*	5.97	8 745*	5.97											10 854*	10 854	12 824	12 824	V				13 511*	3.64	13 511*	3.64

SH	480	LH	D-!			: 600 (m : SAE/P	nm)G CSA 2.0	(m ³)			Π H = 2.5 0 REACH =			OM : 6.9	8 (m)											
												В	adius	of Loa	d											
Bucket	1	Vlax. I	Radius		10) m	9	m	8	m	7 1	m	6	m	5	m	4	m	3	m	2 r	m		Min.	Radius	
Hook Height	ď)	Ģ	-	ů	4	ů	;	ů	;	ů	;	Ů	;	Ü	LJ•	ů	;	Ů	;	Ů	;	ľ)	Ç	1-0
7 m	10 215*	7.89	8 182	7.89							10 701*	10 262											10 921*	6.69	10 921*	6.69
6 m	9 738*	8.71	6 620	8.71					10 383*	7 821	11 189*	9 965											12 355*	6	12 355*	6
5 m	9 977*	9.08	5 975	9.08			10 021*	6 078	10 769*	7 588	11 864*	9 576	13 462*	12 376	15 932*	15 932	*20 233*	20 233*					25 114*	3.39	25 114*	3.39
4 m	9 705	9.32	5 538	9.32			10 258	5 922	11 238*	7 314	12 627*	9 143	14 675*	11 683	17 954*	15 456							23 464*	4.01	21 338	4.01
3 m	9 323	9.45	5 259	9.45			10 133	5 748	11 709*	7 034	13 365*	8 717	15 806*	11 027	19 722*	14 389							17 647*	4.31	17 647*	4.31
2 m	9 149	9.47	5 112	9.47			9 952	5 585	12 048	6 780	13 970*	8 346	16 665*	10 495	20 815*	13 650							14 891*	4.36	14 891*	4.36
1 m	9 172	9.39	5 089	9.39			9 805	5 452	11 818	6 576	14 352*	8 061	17 136*	10 124	21 142*	13 251							18 177*	4.26	16 975	4.26
0 m	9 406	9.19	5 198	9.19			9 713	5 368	11 662	6 437	14 402	7 874	17 189*	9 910	20 873*	13 088							21 497*	4.12	17 965	4.12
-1 m	9 898	8.88	5 462	8.88					11 590	6 373	14 219*	7 785	16 828*	9 827	20 146*	13 073	23 885*	19 156					24 354*	3.83	20 647	3.83
-2 m	10 649*	8.43	5 937	8.43					11 515*	6 397	13 595*	7 794	16 038*	9 856	18 989*	13 171	22 304*	19 348					24 078*	3.37	24 078*	3.37
-3 m	10 629*	7.83	6 736	7.83							12 454*	7 908	14 744*	9 993	17 331*	13 373	20 167*	19 650	22 770*	22 770*			23 240*	2.68	23 240*	2.68
-4 m	10 382*	7.03	8 116	7.03							10 463*	8 169	12 749*	10 255	14 999*	13 698	17 289*	17 289*	19 353*	19 353*			19 917*	2.64	19 917*	2.64
-5 m	9 580*	5.96	9 580*	5.96											11 611*	11 611	*13 322*	13 322*					13 895*	3.58	13 895*	3.58
-6 m																										

13 511* 3.64 13 511* 3.64

Lifting Capacity

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

 2. Lifting capacity does not exceed 75% of tipping load with the machine on firm, level ground or 87% full hydraulic capacity.

 3. The load point is a hook (not standard equipment) located on the back of the bucket.

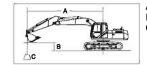
 4. *Indicates load limited by hydraulic capacity.

 5. 0m = Ground.

-6 m 8 528* 5.75 8 528* 5.75

March Color Colo	SH	180	LH	D-			: 750 (m : SAE/P		(m ³)			TH = 3.3 REACH =			воом	0.00 (.,,									
March Color Colo													R	adius	of Loa	d										
## 1800 ## 180	ucket Hook		Max. I	Radius		10	m	9	m	8	m	7	m												Radius	
Sept	leight	ŗ	1	¢]	Ů	-	Ů	-	ů		Ů		Ü		Ů	-	Ů	-	ů	-	Ů		Ů		1-0
March 1981	7 m																								9 200*	
March Marc												10.783*	10.001												9 934*	
1	4 m					7 886*	4 982							13 346	12 300	16 006	* 16 006	*20 598	* 20 598*						22 729*	
March 102 4.444 102 3.984 4904 9.883 5.903 11.984 6719 13.974 6.2941	3 m						I I STATE OF THE PARTY OF THE P																	1	13 730*	-57
March 1979	2 m	7 495*	10.28	4 479	10.28	8 509	4 718	10 162	5 710	11 534*	6 973	13 273*	8 643	15 790	10 959	19 694	14 410	17 773	* 17 773*					10 492* 3.6	10 492*	
17 18 18 18 18 18 18 18	m	8 085*	10.2	4 444	10.2	8 384	4 604	9 963	5 530	11 954*	6716	13 874*	8 286	16 600	10 471	20 680	13 762	16 807	* 16 807*					12 236* 3.49	12 236*	3.
1976 3.35 5.01 3.35) m					8 295	4 523																			
11 287 6 394 1 397 7 397 1 8																				10.400	N 10 400*				17 378*	
## 10 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	3 m		area.	100000	7/10/0			8 084	3 200															1/3/2/7/2)		
H480LHD-5 SHOE: 789 fmmis BUCKET: SAFFCSA 2.0 (m) AMMLENGTH = 2.53 (m) MAXIMULAN REACH = 9.48 (m) MAXI	1 m																								24 092*	
H480LHD-5 SHOE: 750 mm/S BUCKET: SAEFCSA 2.0 mm) AMAMUM REACH = 9.48 mm) MAXMUM REACH = 9.48 mm) MAXMU	5 m	9 513*	7.18	7 894	7.18							9 950*	8 189	12 216	10 328	14 584	13 823	17 266	* 17 266*	20 451	* 20 451*			23 182* 2.3	23 182*	2
Description	3 m	8 745*	5.97	8 745*	5.97											10 854	10 854	12 824	* 12 824*					13 511* 3.64	13 511*	3.
Description																										
Max Flacifus Flacing Flain Flacing Flain Flacing Flain Flacing Flain Flacing Flain Flacing Flain Flacing Flain Flacing Flain Flacing Flacing Flacing Flain	H	480	LH	D-!	5 s) (m ³)						OM : 6.9	B (m)										
Second S	ckat															-									- 1-	
10 10 10 10 10 10 10 10	ook		Max. I	Radius		10	m	9	m	8	m	7	m	6	m	5	m	4	m	3	3 m	2	2 m	Min.	Radius	
Max Name 1082 1	ight	-	,	C	- -	Ü		Ü	-	Ů	4	Ф		Ф	-	ď		Ů	-	d	-	Ů		. 4	Ç	-
Mart 9977 90.8 6078 90.8 90.8 10 10 21 6182 10 7697 7708 11 8647 9718 13 4827 12 549 15 9327 15 9328 12 2337 20 2337	m																								10 921*	6.
March 1987 9.87 9.88 9.82 5.88 9.82 10.258 6.06 11.238 7.434 12.627 9.244 14.676 11.856 17.964 15.677 18.676 19.071 19.072 14.611 17.647 13.176 13.072 14.611 19.072 13.672 19.072 14.672 19.072 14.672 19.072								10.0011	6 100					10 460	10 540	15 000	* 1E 020	* 20 222	• 20 222						12 355*	2
March 9488 948 5357 945 947 5210 947 10310 5822 11708 7154 13365 8368 15808 11200 19722 14611 948	4 m																		20 233						21 647	4.
May 9.39 5.188 9.39 9.99 5.188 9.99	3 m	The second dead							1															THE RESERVE		
Max September	2 m	9 314	9.47	5 210	9.47			10 129	5 688	12 105*	6 900	13 970*	8 487	16 665	10 667	20 815	13 872							14 891* 4.36	14 891*	4
1 10 10 10 10 10 10 10	m	9 339	9.39	5 188	9.39			9 982	5 556	12 025	6 695	14 352*	8 202	17 136	10 297	21 142	13 473							18 177* 4.26	17 256	4
The color The) m			5 299	9.19			9 890	5 472																	4
10 829 7.83 688 7.83 7.03 8267 7.03 8267 7.03 8267 7.03 8267 7.03 8267 7.03 8267 7.03 8267 7.03 8267 7.03 8267 7.03 8267 7.03 8267 7.03 8267 7.03 8267 7.03 8267 7.03 8267 7.03 8267 7.03 8267 7.03 8267 7.03 8267 8.04 8.04 8.04 8.04 8.04 8.04 8.04 8.04	m																									3.
H500LHD-5 SHOE : 600 (mm)G BUCKET: SAE/PCSA 1.8 (m²) ARM LENGTH = 3.38 (m) MAXIMUM REACH = 10.28										11 515	6 5 1 6									22 776	1± 00 770±					
H500LHD-5 SHOE : 600 (mm)G BUCKET : SAE/PCSA 1.8 (m²) ARM LENGTH = 3.38 (m) MAXIMUM REACH = 10.28 (m) Nax. Radius 10 m 9 m 8 m 7 m 6 m 5 m 4 m 3 m 2 m Min. Radius of Load Max. Radius 10 m 9 m 8 m 7 m 6 m 5 m 4 m 3 m 2 m Min. Radius of Load Max. Radius 10 m 9 m 8 m 7 m 6 m 5 m 4 m 3 m 2 m Min. Radius of Load Max. Radius 10 m 9 m 8 m 7 m 6 m 5 m 4 m 3 m 2 m Min. Radius of Load Max. Radius 10 m 9 m 8 m 7 m 6 m 5 m 4 m 3 m 2 m Min. Radius of Load Max. Radius 10 m 9 m 8 m 7 m 6 m 5 m 4 m 3 m 2 m Min. Radius of Load Max. Radius 10 m 9 m 8 m 7 m 6 m 5 m 4 m 3 m 2 m Min. Radius of Load Max. Radius 10 m 9 m 8 m 7 m 6 m 5 m 4 m 3 m 2 m Min. Radius of Load Max. Radius 10 m 9 m 8 m 7 m 6 m 5 m 4 m 3 m 2 m Min. Radius of Load Max. Radius 10 m 9 m 8 m 7 m 6 m 5 m 4 m 3 m 2 m Min. Radius of Load Max. Radius 10 m 9 m 8 m 7 m 6 m 5 m 4 m 3 m 2 m Min. Radius of Load Max. Radius 10 m 9 m 8 m 7 m 6 m 5 m 4 m 3 m 2 m Min. Radius of Load Max. Radius 10 m 9 m 8 m 7 m 6 m 5 m 4 m 3 m 2 m Min. Radius of Load Max. Radius 10 m 9 m 8 m 7 m 6 m 5 m 4 m 3 m 2 m Min. Radius of Load Max. Radius 10 m 9 m 8 m 7 m 6 m 5 m 4 m 3 m 2 m Min. Radius of Load Max. Radius 10 m 9 m 8 m 7 m 6 m 5 m 4 m 3 m 2 m Min. Radius of Load Max. Radius 10 m 9 m 9 m 8 m 7 m 6 m 5 m 4 m 3 m 2 m Min. Radius of Load Max. Radius 10 m 9 m 9 m 9 m 9 m 9 m 9 m 9 m 9 m 9 m	1 m																								19 917*	
H500LHD-5 SHOE : 600 (mm)G BUCKET : SAE/PCSA 1.8 (m²) ARM LENGTH = 3.38 (m) MAXIMUM REACH = 10.28 (m) Cock bight Max. Radius 10 m 9 m 8 m 7 m 6 m 5 m 4 m 3 m 2 m Min. Radius 10 114 7.01 10 114 7.01 10 114 7.01 10 114 7.01 10 114 7.01 10 114 7.01 10 114 7.01 10 114 7.01 10 114 7.01 10 116 7.03 10 10 118 7.03 10 10 18 30 5.69 9.06 6.08 10 806 10 806 10 806 10 806 11 807 11 807 13 807 13 807 10 20 10 10 10 10 10	5 m											10 400	0010	12 140						10 000	10 000			The second section		
Radius of Load Max. Radius 10 m 9 m 8 m 7 m 6 m 5 m 4 m 3 m 2 m Min. Radiologic load Max. Radius 8 m 9 m 8 m 7 m 6 m 5 m 4 m 3 m 2 m Min. Radiologic load	3 m																									
Radius of Load Max. Radius 10 m 9 m 8 m 7 m 6 m 5 m 4 m 3 m 2 m Min. Radiologic load Max. Radius 8 m 9 m 8 m 7 m 6 m 5 m 4 m 3 m 2 m Min. Radiologic load																										
Nax. Radius 10 m 9 m 8 m 7 m 6 m 5 m 4 m 3 m 2 m Min. Radius 10 m 9 m 8 m 7 m 6 m 5 m 4 m 3 m 2 m Min. Radius m 8011* 8.92 7226 8.92	H	500	LH	D-					3 (m ³)					(m)	воом	6.98 (r	m)									
Nax. Faculus 10 II 9 I	cket																									
m 8 011* 8.92 7 226 8.92 8 96* 9 902* 8 951 8 951 9 96* 9 96* 9 9272* 7.55 9 92 m 6 423* 9.64 6 069 9.64 8 964* 6 966 9 444* 8 738 10 114* 7.01 10 114*	ook		Max. I	Radius																					Radius	
m 6 423* 9.64 6 069 9.64 8 964* 6 986 9 444* 8 738 m 6 557* 9.96 5 574 9.96 5 574 9.96 4 963* 6 803 9 98* 8 460 10 886* 10 682* 12 225* <	eight	_				Ü		Ü				Ü		Ü		Image: Control of the		r C	;	U		Ü	G		_	}-
m 6557* 9.96 5574 9.96	7 m							0.0044	6 CDC																9 272*	
m 6784* 10.16 5 230 10.16 8 136* 5 404 9 603* 6 608 10 505* 8 147 11 752* 10 211 13 549* 13 142 16 329* 16 329* 21 170* 21 170* 20 506* 3.24 20 506*												10 886*	10.692	19 995	10 005*										10 114* 12 409*	
m 7 116* 10.27 5 08 10.27 8 801 5 269 9 976* 6 392 11 085* 7 827 12 616* 9 740 14 845* 12 426 18 344* 16 485 24 545* 23 341 13 047* 3.56 13 047* 3.56 13 047* 7 573* 10.27 4 890 10.27 8 659 5 138 10 312* 6 187 11 606* 7 530 13 377* 9 314 15 935* 11 807 19 887* 15 562 17 291* 17 291* 10 194* 3.58 10 14 15 935* 11 807 19 887* 15 562 17 291* 17 291* 10 194* 3.58 10 14 15 935* 11 807 19 887* 15 662 17 291* 17 291* 17 291* 10 194* 3.58 10 14 15 935* 11 807 19 887* 15 662 17 291* 17 291* 17 291* 10 194* 3.58 10 14 15 935* 11 807 19 887* 15 662 17 291* 17 291* 17 291* 10 194* 3.58 10 14 15 935* 11 807 19 887* 15 662 17 291* 17 291	l-m					8 136*	5 404									16 329	16 329	*21 170	* 21 170*							
m 7 573° 10.27 4 890 10.27 8 659 5 138 10 312° 6 187 11 606° 7 503° 9 34 15 962° 17 291° 10 194° 3.58 10 194° 3.69 12 642° 3.49 12 642° 3.92° 8 12 17 048° 11 1016 21 019° 14 599 19 377° 19 377° 19 377° 19 377° 15 257° 3.38 15 27° 3.38 15 27° 3.38 15 27° 3.38 15 27° 3.38 15 27° 3.38<	3 m																								13 047*	
m 8 190° 10.18 4 874 10.18 8 539 5 07 10 133 6 011 12 003° 7 278 13 945° 8 966 16 689° 11 333 20 771° 14 947 16 990° 16 990° 12 642° 3.49 12 647 10 12 642° 3.49 12 647 10 12 642° 3.49 12 647 10 12 642° 3.49 12 647 10 12 642° 3.49 12 647 10 12 642° 3.49 12 647 10 12 642° 3.49 12 647 10 12 642° 3.49 12 647 10 12 642° 3.49 12 647 10 12 642° 3.49 12 647 10 12 642° 3.49 12 647 10 12 642° 3.49 12 647 10 12 642° 3.49 12 647 10 12 642° 3.49 12 647 10 12 642° 3.49 12 647 10 12 642° 3.49 12 647 10 12 642° 3.49 12 647	m																								10 194*	
m 8 858 9.68 5 182 9.68 9903 5 801 11 907 6 968 14 263* 8 556 16 999*10 840 20 725* 14 445 23 140* 21 099 17 746* 3.12 17 7 m 9 492 9.26 5 561 9.26 9895 5 794 11 857* 6 925 13 922* 8 495 16 532* 10 784 19 944* 14 437 24 442* 21 207 20 218* 20 218* 20 218* 20 108* 2.7 20 18 m 9 730* 8.69 6 175 8.69 11 098* 6 970 13 159* 8 530 15 606* 10 837 18 664* 14 548 22 569* 21 437 25 386* 25 386* 21 619* 2.2 23 386* 25 386* 21 619* 2.2 23 386* 25 386* 21 619* 2.2 25 386* 25 386	m																								12 642*	
m 9 492 9.26 5 561 9.26 9 895 5 794 11 857* 6 925 13 922* 8 495 16 532* 10 784 19 944* 14 437 24 442* 21 207 20 218* 20 218* 20 108* 2.7 <t< td=""><td>) m</td><td>8 480</td><td>9.98</td><td>4 965</td><td>9.98</td><td></td><td></td><td>9 988</td><td>5 878</td><td>12 041</td><td>7 088</td><td>14 255*</td><td>8712</td><td>17 048</td><td>11 016</td><td>21 019</td><td>14 599</td><td>19 377</td><td>19 377*</td><td></td><td></td><td></td><td></td><td>15 257* 3.38</td><td>15 257*</td><td>3.</td></t<>) m	8 480	9.98	4 965	9.98			9 988	5 878	12 041	7 088	14 255*	8712	17 048	11 016	21 019	14 599	19 377	19 377*					15 257* 3.38	15 257*	3.
m 9730* 8.69 6175 8.69 11 098* 6970 13 159* 8530 15 606* 10 837 18 664* 14 548 22 569* 21 437 25 386* 25 386* 21 619* 2.2 22 32 32 32 33 33 34 111* 11 003 16 792* 14 779 20 081* 20 081* 24 193* 24 193* 26 780* 2.2 25 081* 20 081* 24 193* 26 780* 2.2 25 081* 20 081* 24 193* 26 780* 2.2 25 081* 20 081* 24 193* 26 780* 2.2 25 081* 20 081* 24 193* 26 780* 2.2 25 081* 20 081* 24 193* 26 780* 2.2 25 081* 20 081* 24 193* 26 780* 2.2 25 081* 20 081* 24 193* 26 780* 2.2 25 081* 20 081* 24 193* 26 780* 2.2 25 081* 20 081*	m																									
m 9712* 7.97 7178 7.97 11820* 8673 14111*11 003 16792*14779 20 061*24 193* 24 193* 26 780* 2.2 25 0	m							9 895	5 794																20 108*	
	3 m									11 098*	6 970				Alminos II											
m 9 447* 7.02 8 935 7.02 9 501* 8 975 11 796* 11 307 14 113* 14 113* 16 688* 16 688* 19 686* 19 686* 2.44 21 6	∔m 5m																									

10 130* 10 130*



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

Load Radius Over Front Load Radius Over Side

Unit : kg

SH	500	LH	D-5			: 600 (n : SAE/P	nm)G CSA 2.0	(m ³)			TH = 2.5 REACH =			воом	: 6.98 (n	n)										
												F	Radius	of Loa	ıd											
Bucket	- 1	Vax. I	Radius		10) m	9	m	8	m	7	m	6	m	5	m	4	m	3	m	2	m		Min. I	Radius	
Hook Height	r!]	Ç	-0	Ů	Ç] ·	Ů		Ů	_ }-	ů		Ů	;	ů	;	Ů	-	Ů		Ů	G	Ė	j	Ç	} -
7 m	10 169*	8.05	8 579	8.05					10 189*	8 683	10 759*	10 759											11 048*	6.62	11 048*	6.62
6 m	9 767*	8.77	7 144	8.77					10 433*	8 5 1 8	11 282*	10 801	12 514*	12 514									12 768*	5.83	12 768*	5.83
5 m	9 979*	9.12	6 501	9.12			10 052*	6 671	10 836*	8 274	11 976*	10 397	13 642*	13 400	16 234*	16 234	20 821*	20 821*					24 860°	3.51	24 860*	3.51
4 m	9 987	9.35	6 069	9.35			10 297*	6 509	11 311*	7 994	12 742*	9 955	14 856*	12 695	18 250*	16 795							22 234*	4.07	22 234*	4.07
3 m	9 633	9.46	5 800	9.46			10 477	6 334	11 775*	7 713	13 468*	9 529	15 957*	12 043	19 937*	15 748							17 100*	4.33	17 100*	4.33
2 m	9 489	9.47	5 670	9.47			10 300	6 172	12 154*	7 463	14 044*	9 165	16 763*	11 525	20 910*	15 050							14 616*	4.35	14 616*	4.35
1 m	9 547	9.36	5 674	9.36			10 161	6 044	12 227	7 265	14 387*	8 891	17 171	11 175	21 135*	14 687							18 689*	4.25	18 689*	4.25
0 m	9 827	9.15	5 821	9.15			10 078	5 969	12 083	7 135	14 438*	8717	17 161*	10 979	20 790*	14 547							21 984*	4.09	20 381	4.09
-1 m	10 383	8.82	6 143	8.82					12 025	7 083	14 152*	8 642	16 737*	10 913	20 000*	14 551	23 677*	21 424					24 326*	3.77	23 817	3.77
-2 m	10 655*	8.35	6 706	8.35					11 373*	7 123	13 461*	8 666	15 878*	10 959	18 773*	14 666	22 021*	21 637					24 006*	3.28	24 006*	3.28
-3 m	10 611*	7.72	7 648	7.72							12 222*	8 800	14 495	11 115	17 028*	14 890	19 786*	19 786*	22 338*	22 338*			22 997*	2.55	22 997*	2.55
-4 m	10 310*	6.89	9 296	6.89									12 362*	11 405	14 570*	14 570	16 772*	16 772*	18 719*	18 719*			19 119*	2.73	19 119*	2.73
-5 m	9 363*	5.77	9 363	5.77											10 957*	10 957	12 589*	12 589*					12 799*	3.84	12 799*	3.84
-6 m																										

												R	adius	of Loa	d											
Bucket Hook		Max. I	Radius		10	m	9	m	8	m	7	m	6	m	5	m	4	m	31	n	2	m		Min. F	Radius	
Height	Į.	1	Ç		ů		ů		Ů		ů	-	ů	4	ů		d	-	ů	-	d	-	Į.]		-0
7 m	8 011*	8.92	7 336	8.92					9 092*	9 076													9 272*	7.55	9 272*	7.55
6 m	6 423*	9.64	6 169	9.64			8 964*	7 094	9 444*	8 863													10 114*	7.01	10 114*	7.01
5 m	6 557*	9.96	5 670	9.96			9 247*	6 921	9 936*	8 585	10 886*	10 829	12 225*	12 225*									12 409*	5.89	12 409*	5.89
4 m	6 784*	10.16	5 324	10.16	8 136*	5 499	9 603*	6716	10 505*	8 272	11 752*	10 359	13 549*	13 322	16 329*	16 329	21 170*	21 170*					20 506*	3.24	20 506*	3.24
3 m	7 116*	10.27	5 100	10.27	8 953	5 364	9 976*	6 500	11 085*	7 952	12 616*	9 888	14 845*	12 607	18 344*	16 718	24 545*	23 670					13 047*	3.56	13 047*	3.56
2 m	7 573*	10.27	4 983	10.27	8 811	5 233	10 312*	6 295	11 606*	7 655	13 377*	9 462	15 935*	11 987	19 887*	15 796	17 291*	17 291*					10 194*	3.58	10 194*	3.58
1 m	8 190*	10.18	4 968	10.18	8 690	5 122	10 307	6 119	12 003*	7 403	13 945*	9 113	16 689°	11 514	20 771*	15 181	16 990*	16 990*					12 642*	3.49	12 642*	3.49
0 m	8 632	9.98	5 061	9.98			10 161	5 986	12 217*	7 213	14 255*	8 859	17 048*	11 197	21 019*	14 832	19 377*	19 377*					15 257*	3.38	15 257*	3.38
-1 m	9 016	9.68	5 281	9.68			10 077	5 909	12 111	7 093	14 263*	8 703	16 999*	11 020	20 725*	14 679	23 140*	21 428					17 746*	3.12	17 746*	3.12
-2 m	9 641	9.26	5 665	9.26			10 069	5 902	11 857*	7 050	13 922*	8 643	16 532*	10 965	19 944*	14 670	24 442*	21 536	20 218*	20 218*			20 108*	2.7	20 108*	2.7
-3 m	9 730*	8.69	6 288	8.69					11 098*	7 095	13 159*	8 678	15 606*	11 018	18 664*	14 782	22 569*	21 765	25 386*	25 386*			21 619*	2.2	22 319*	2.06
-4 m	9 712*	7.97	7 303	7.97							11 820*	8 821	14 111*	11 184	16 792*	15 012	20 061*	20 061*	24 193*	24 193*			26 780*	2.2	25 054*	1.75
-5 m	9 447*	7.02	9 082	7.02							9 501*	9 123	11 796*	11 488	14 113*	14 113	16 688*	16 688*	19 686*	19 686*			21 668*	2.44	21 668*	2.44
-6 m	8 528*	5.75	8 528*	5.75											10 130°	10 130							11 955*	4.03	11 955*	4.03

SH	500	LH	D-4			: 750 (m : SAE/P	nm)G CSA 2.0	(m ³)			TH = 2.5 REACH =			воом	6.98 (n	n)										
												F	adius	of Loa	d											
Bucket	N	√lax. I	Radius		10) m	9	m	8	m	7	m	6	m	5	m	4	m	3	m	2	m		Min.	Radius	
Hook Height	Ů]	Ç	- -	Ů		ů	;	ů	;	ů	;	ů	;	Ů	;	ů	;	ů	;	ů	;	Ľ	1	Ç	1-0
7 m	10 169*	8.05	8 703	8.05					10 189*	8 808	10 759*	10 759											11 048*	6.62	11 048*	6.62
6 m	9 767*	8.77	7 256	8.77					10 433*	8 643	11 282*	10 949	12 514*	12 514*									12 768*	5.83	12 768*	5.83
5 m	9 979*	9.12	6 607	9.12			10 052*	6 779	10 836*	8 399	11 976*	10 544	13 642*	13 581	16 234*	16 234	20 821*	20 821*					24 860*	3.51	24 860*	3.51
4 m	10 020*	9.35	6 172	9.35			10 297*	6 617	11 311*	8 119	12 742*	10 103	14 856*	12 876	18 250*	17 028							22 234*	4.07	22 234*	4.07
3 m	9 796	9.46	5 901	9.46			10 556*	6 442	11 775*	7 838	13 468*	9 677	15 957*	12 224	19 937*	15 981							17 100*	4.33	17 100*	4.33
2 m	9 651	9.47	5 772	9.47			10 474	6 280	12 154*	7 587	14 044*	9 313	16 763*	11 706	20 910°	15 283							14 616*	4.35	14 616*	4.35
1 m	9712	9.36	5 777	9.36			10 334	6 152	12 376*	7 390	14 387*	9 039	17 171*	11 355	21 135*	14 920							18 689*	4.25	18 689*	4.25
0 m	9 997	9.15	5 927	9.15			10 252	6 077	12 287	7 260	14 438*	8 865	17 161*	11 160	20 790*	14 781							21 984*	4.09	20 698	4.09
-1 m	10 561	8.82	6 254	8.82					12 084*	7 208	14 152*	8 790	16 737*	11 094	20 000*	14 785	23 677*	21 753					24 326*	3.77	24 180	3.77
-2 m	10 655*	8.35	6 824	8.35					11 373*	7 247	13 461*	8 814	15 878*	11 140	18 773*	14 900	22 021*	21 966					24 006*	3.28	24 006*	3.28
-3 m	10 611*	7.72	7 778	7.72							12 222*	8 948	14 495*	11 295	17 028*	15 123	19 786*	19 786* 2	2 338*	22 338*			22 997*	2.55	22 997*	2.55
-4 m	10 310*	6.89	9 447	6.89									12 362*	11 586	14 570*	14 570	16 772*	16 772* 1	8 719*	18 719*			19 119*	2.73	19 119*	2.73
-5 m	9 363*	5.77	9 363*	5.77											10 957*	10 957	12 589*	12 589*					12 799*	3.84	12 799*	3.84
-6 m																										

11 955* 4.03 11 955* 4.03

Lifting Capacity

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

 2. Lifting capacity does not exceed 75% of tipping load with the machine on firm, level ground or 87% full hydraulic capacity.

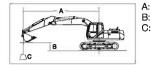
 3. The load point is a hook (not standard equipment) located on the back of the bucket.

 4. *Indicates load limited by hydraulic capacity.

 5. 0m = Ground.

SH	480	LH	D-{	o M	IAS	SS	SH0 BU0		300 (mm) SAE/PCS		m³)		LENGTH JUM RE				OOM : t	3.55 (m)								
												F	Radius	of Loa	d											
Bucket	1	Max.	Radius		10	m	9	m	8	m	7	m	6	m	5	m	4	m	3	m	2	m		Min. I	Radius	
Hook Height	ľ)	C		Ů	-	Ů		Ů		ů		r d	-	Ů	-	ů	d	Ů	10	ď		H)		-0
7 m	10 577*	6.96	9 939	6.96																			10 845*	6.53	10 845*	6.53
6 m	10 199*	8.06	7 254	8.06					10 230*	7 364	10 929*	9 590											11 943*	6.02	11 943*	6.02
5 m	8 268*	8.73	5 987	8.73					10 529*	7 178	11 531*	9 251	12 982*	12 183	15 168*	15 168							16 207*	4.65	16 207*	4.65
4 m	8 596*	8.98	5 496	8.98					10 943*	6 934	12 251*	8 852	14 154*	11 540	17 123*	15 606	22 391	22 391*					26 250*	3.57	26 250*	3.57
3 m	9 091*	9.12	5 186	9.12			9 726	5 326	11 379*	6 674	12 975*	8 445	15 295*	10 902	18 949*	14 553	24 556	20 486					20 783*	3.91	20 783*	3.91
2 m	9 305	9.14	5 025	9.14			9 564	5 179	11 725	6 429	13 582*	8 076	16 208*	10 354	20 241*	13 734	17 352	17 352*					16 363*	3.96	16 363*	3.96
1 m	9 339	9.05	5 006	9.05			9 431	5 059	11 498	6 228	13 971*	7 781	16 750*	9 947	20 812*	13 218	18 861	18 861*					19 512*	3.88	19 512*	3.88
0 m	9 615	8.85	5 135	8.85					11 341	6 088	14 059*	7 579	16 852*	9 691	20 705*	12 954	23 500	18 877					22 960*	3.78	20 794	3.78
-1 m	10 192	8.52	5 445	8.52					11 272	6 026	13 772*	7 477	16 485*	9 573	20 017*	12 873	24 459	18 934					26 167*	3.52	24 001	3.52
-2 m	10 573*	8.05	6 004	8.05					10 703*	6 066	13 011*	7 480	15 601*	9 579	18 769*	12 932	22 592	19 112					26 185*	3.07	26 185*	3.07
-3 m	10 473*	7.42	6 963	7.42							11 559*	7 608	14 078*	9 711	16 875*	13 121	20 068	19 419	23 460*	23 460*			25 123°	2.39	25 123*	2,39
-4 m	10 052*	6.58	8 685	6.58									11 592*	10 000	14 095*	13 461	16 625	16 625*	19 074*	19 074*			19 944*	2.59	19 944*	2.59
-5 m	8 790*	5.41	8 790*	5.41											9 802"	9 802							11 745*	4	11 745*	4
-6 m																										

SH	+00	ЦΠ	D-:) IVI	HC	0	BUC	KET:	SAE/PCS) 0.E A	m ³)	MAXIN	IUM RE	ACH = 9).15 (m)											
												F	adius	of Loa	d											
Bucket Hook	1	Max. F	Radius		10	m	9	m	8	m	7	n	6	m	5	m	4	m	3	m	2	m		Min. F	Radius	
Height	Ľ]	q	-0	ů		ů		ů	-	Ü	;	Ů	4	ů	-	ů	4	Ů	-	ů	-	Ľ]	Ç] -0
7 m	10 577*	6.96	10 082	6.96																			10 845*	6.53	10 845*	6.53
6 m	10 199*	8.06	7 373	8.06					10 230*	7 484	10 929*	9 732											11 943*	6.02	11 943*	6.02
5 m	8 268*	8.73	6 094	8.73					10 529*	7 297	11 531*	9 392	12 982*	12 356	15 168*	15 168							16 207*	4.65	16 207*	4.65
4 m	8 596*	8.98	5 600	8.98					10 943*	7 054	12 251*	8 994	14 154*	11 713	17 123*	15 828	22 391*	22 391*					26 250*	3.57	26 250*	3.57
3 m	9 091*	9.12	5 288	9.12			9 903	5 429	11 379*	6 794	12 975*	8 586	15 295*	11 075	18 949*	14 774	24 556*	20 796					20 783*	3.91	20 783*	3.91
2 m	9 478	9.14	5 127	9.14			9 740	5 282	11 748*	6 549	13 582*	8 218	16 208*	10 527	20 241*	13 956	17 352*	17 352*					16 363*	3.96	16 363*	3.96
1 m	9 514	9.05	5 109	9.05			9 607	5 162	11 705	6 347	13 971*	7 923	16 750*	10 119	20 812*	13 439	18 861*	18 861*					19 512*	3.88	19 512*	3.88
0 m	9 796	8.85	5 241	8.85					11 548	6 208	14 059*	7 721	16 852*	9 863	20 705*	13 176	23 500°	19 187					22 960*	3.78	21 134	3.78
-1 m	10 382	8.52	5 556	8.52					11 479	6 146	13 772*	7 619	16 485*	9 745	20 017*	13 095	24 459*	19 244					26 167*	3.52	24 385	3.52
-2 m	10 573*	8.05	6 123	8.05					10 703*	6 186	13 011*	7 622	15 601*	9 752	18 769*	13 154	22 592*	19 422					26 185*	3.07	26 185*	3.07
-3 m	10 473*	7.42	7 094	7.42							11 559*	7 749	14 078*	9 884	16 875*	13 343	20 068*	19 729	23 460*	23 460*			25 123*	2.39	25 123*	2.39
-4 m	10 052*	6.58	8 839	6.58									11 592*	10 173	14 095*	13 683	16 625*	16 625*	19 074*	19 074*			19 944*	2.59	19 944*	2.59
-5 m	8 790*	5.41	8 790*	5.41											9 802*	9 802	1						11 745*	4	11 745*	4
-6 m																										

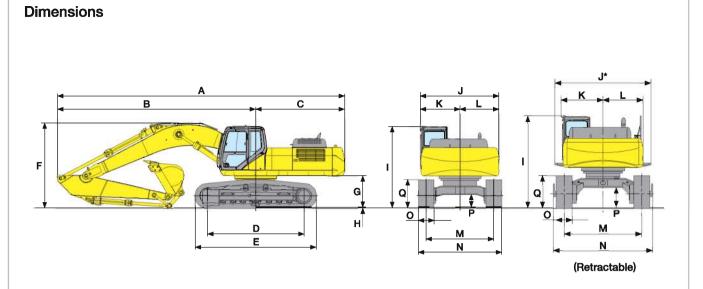


A: Radius of load
B: Bucket hook height
C: Lifting capacity

Load Radius Over Front	Load Radius Over Side	Unit : kg
- CVGI I TOTIL	Over olde	Onit . kg

SH	500	LH	D-5	5 M	IAS	SS	SHO		600 (mm SAE/PCS		m³)		ENGTH IUM RE		(m) 9.15 (m)	В	OOM : 6	3.55 (m)								
												F	adius	of Loa	ıd											
Bucket Hook	1	Max.	Radius		10) m	9	m	8	m	7	m	6	m	5	m	4	m	3	m	2	m		Min. I	Radius	
Height	ľ	1	Ç.	 =0	Ů		ů		ů		ů	; } •	Ů		Ů		· di		ů		Ů		Ę	1	¢	1
7 m	10 501*	7.16	10 239	7.16							10 591*	10 591											10 940*	6.48	10 940	6.48
6 m	10 161*	8.18	7 705	8.18					10 263*	8 071	11 008*	10 437	12 102*	12 102									12 244*	5.89	12 244	5.89
5 m	8 308*	8.78	6 536	8.78					10 586*	7 871	11 635*	10 081	13 153*	13 153	15 455*	15 455	•		27 163	27 163*			25 337*	3.16	25 337	3.16
4 m	8 659*	9.01	6 051	9.01			8811*	6 066	11 010*	7 620	12 363*	9 672	14 334*	12 563	17 418*	16 968	22 932	22 932					26 213*	3.64	26 213	3.64
3 m	9 182*	9.13	5 753	9.13			10 074	5 915	11 441*	7 357	13 077*	9 263	15 452*	11 924	19 186*	15 919	22 399	22 399					19 878*	3.93	19 878	3.93
2 m	9 662	9.13	5 612	9.13			9 914	5 769	11 793*	7 115	13 657*	8 899	16 316*	11 387	20 375*	15 130	17 238	17 238					15 936*	3.95	15 936	3.95
1 m	9 736	9.03	5 623	9.03			9 788	5 654	11 907	6 920	14 005*	8 614	16 795*	10 997	20 836*	14 647	19 424	19 424					20 048*	3.87	20 048	3.87
0 m	10 065	8.81	5 797	8.81					11 762	6 789	14 041*	8 424	16 828*	10 759	20 637*	14 410	24 356	21 131					23 460*	3.75	23 460	3.75
-1 m	10 543*	8.46	6 173	8.46					11 499*	6 741	13 691*	8 336	16 386*	10 659	19 865*	14 351	24 213	21 209					26 529*	3.46	26 529	3.46
-2 m	10 570°	7.97	6 838	7.97							12 844*	8 356	15 417*	10 684	18 528°	14 431	22 258	21 410	26 187*	26 187*			26 091*	2.98	26 091	2.98
-3 m	10 437*	7.31	7 974	7.31							11 252*	8 509	13 777*	10 839	16 521*	14 645	19 615	19 615	22 885	22 885*			24 814*	2.27	24 814	2.27
-4 m	9 937*	6.43	9 937*	6.43									11 088*	11 088	13 569*	13 569	*15 999*	15 999	18 280	18 280*			18 833*	2.72	18 833	2.72
-5 m	8 442*	5.2	8 442*	5.2											8 924*	8 924							9 568*	4.7	9 568	4.7
-6 m																										

SHS	00	LH	D-5	M	AS	SS	SHO		750 (mm) SAE/PCS		m³)		ENGTH IUM RE			В	OOM : 6	.55 (m)								
												R	adius	of Loa	d											
Bucket	N	Иах. Г	Radius		10) m	9	m	8	m	7	m	6	m	5	m	4	m	3	m	2	m		Min.	Radius	
Hook Height	į.)		-0	ů	-	ů		ů		ů		ů	G-	ů	;	Ů	:	Ů	-	ů		Ľ)		<u> </u>
7 m	10 501*	7.16	10 383	7.16							10 591*	10 591*										ŀ	10 940*	6.48	10 940*	6.48
6 m	10 161*	8.18	7 826	8.18					10 263*	8 196	11 008*	10 584	12 102*	12 102*									2 244*	5.89	12 244*	5.89
5 m	8 308*	8.78	6 648	8.78					10 586*	7 996	11 635*	10 228	13 153*	13 153*	15 455*	15 455			27163*	27163*		2	25 337*	3.16	25 337*	3.16
4 m	8 659*	9.01	6 159	9.01			8 811*	6 174	11 010*	7 745	12 363*	9 820	14 334*	12 744	17 418*	17 201	22 932*	22 932*				2	26 213*	3.64	26 213*	3.64
3 m	9 182*	9.13	5 859	9.13			10 242*	6 023	11 441*	7 482	13 077*	9 410	15 452*	12 105	19 186*	16 153	22 399*	22 399*				[]·	19 878*	3.93	19 878*	3.93
2 m	9 832	9.13	5718	9.13			10 088	5 877	11 793*	7 240	13 657*	9 046	16 316*	11 568	20 375*	15 363	17 238*	17 238*					5 936*	3.95	15 936*	3.95
1 m	9 909	9.03	5 730	9.03			9 962	5 762	11 981*	7 044	14 005*	8 761	16 795*	11 178	20 836*	14 880	19 424*	19 424*				2	20 048*	3.87	20 048*	3.87
0 m	10 244	8.81	5 908	8.81					11 920*	6 9 1 4	14 041*	8 572	16 828*	10 940	20 637*	14 643	24 356*	21 459				2	23 460*	3.75	23 460*	3.75
-1 m	10 543*	8.46	6 290	8.46					11 499*	6 865	13 691*	8 484	16 386*	10 840	19 865*	14 584	24 213*	21 537				2	26 529*	3.46	26 529*	3.46
-2 m	10 570*	7.97	6 963	7.97							12 844*	8 504	15 417*	10 865	18 528*	14 665	22 258*	21 739	26 187	26 187*		2	26 091*	2.98	26 091*	2.98
-3 m	10 437*	7.31	8 114	7.31							11 252*	8 657	13 777*	11 020	16 521*	14 879	19 615*	19 615*	22 885	22 885*		2	?4 814*	2.27	24 814*	2.27
-4 m	9 937*	6.43	9 937*	6.43									11 088*	11 088*	13 569°	13 569	15 999*	15 999*	18 280	18 280*			18 833*	2.72	18 833*	2.72
-5 m	8 442*	5.2	8 442*	5.2											8 924*	8 924							9 568*	4.7	9 568*	4.7



Model	SH46	0HD-5	SH48	0LHD-5	SH500)LHD-5
Arm length	2.53 m	3.38 m	2.53 m	3.38 m	2.53 m	3.38 m
A Overall length	12 060 mm	12 010 mm	12 060 mm	12 010 mm	12 040 mm	11 980 mm
B Length from center of machine (to arm top)	8 390 mm	8 340 mm	8 390 mm	8 340 mm	8 370 mm	8 310 mm
C Upper structure rear end radius			3 68	0 mm		
D Center to center of wheels	4 050	0 mm		4 400) mm	
E Overall track length	5 100	0 mm		5 450) mm	
F Overall height	3 640 mm	3 600 mm	3 640 mm	3 600 mm	3 710 mm	3 660 mm
G Clearance height under upper structure		1 33	0 mm		1 480) mm
H Shoe lug height			36	mm		
I Cab height		3 29	0 mm		3 440) mm
J Upper structure overall width (with side guard)		3 060 mm	(3 130 mm)		3 590	* mm
K Width from center of machine (left side)			1 57	0 mm		
L Width from center of machine (right side)			1 49	0 mm		
M Track gauge (Retract)		2 75	0 mm		2 890 mm	(2 390 mm)
N Overall width (Retract)		3 35	0 mm		3 700 mm	(3 200 mm)
O Std. Shoe width			600	mm		
P Minimum ground clearance		540	mm		740	mm
Q Overall track height		1 24	0 mm		1 220) mm
					*	with catwalks-opt

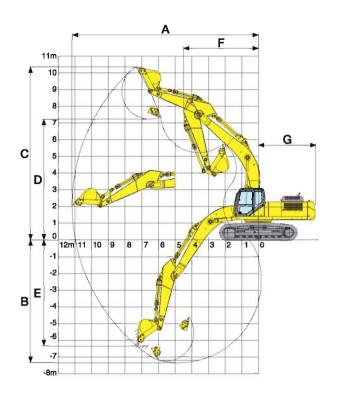
Model	SH480LHD-5 MASS	SH500LHD-5 MASS
Arm length	2.5	53 m
A Overall length	11 640 mm	11 610 mm
B Length from center of machine (to arm top)	7 970 mm	7 940 mm
C Upper structure rear end radius	3 68	0 mm
D Center to center of wheels	4 40	0 mm
E Overall track length	5 45	0 mm
F Overall height	3 81	0 mm
G Clearance height under upper structure	1 330 mm	1 480 mm
H Shoe lug height	36	mm
I Cab height	3 290 mm	3 440 mm
J Upper structure overall width (with side guard)	3 060 mm (3 130)	3 590* mm
K Width from center of machine (left side)	1 57	0 mm
L Width from center of machine (right side)	1 49	0 mm
M Track gauge (Retract)	2 750 mm	2 890 mm (2 390 mm)
N Overall width (Retract)	3 350 mm	3 700 mm (3 200 mm)
O Std. Shoe width	600) mm
P Minimum ground clearance	540) mm
Q Overall track height	1 240 mm	1 220 mm

Working Range

		SH460	HD-5
Arr	n length	2.53 m	3.38 m
Во	om length	6.98	mm
Α	Max digging radius	11 230 mm	12 000 mm
В	Max digging depth	6 870 mm	7 720 mm
С	Max digging height	10 820 mm	11 140 mm
D	Max dumping height	7 420 mm	7 740 mm
Е	Max vertical wall cut depth	5 670 mm	6 570 mm
F	Min. front swing radius	5 140 mm	4 990 mm
G	Rear end swing radius	3 680	mm

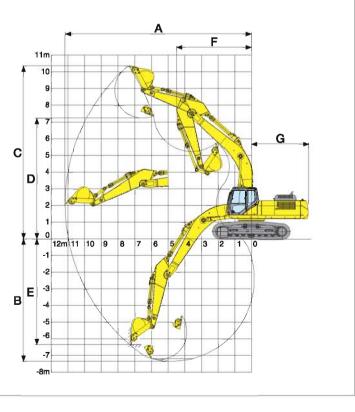
		SH480I	_HD-5
An	m length	2.53 m	3.38 m
Во	om length	6.98	mm
Α	Max digging radius	11 230 mm	12 000 mm
В	Max digging depth	6 870 mm	7 720 mm
С	Max digging height	10 820 mm	11 140 mm
D	Max dumping height	7 420 mm	7 740 mm
Е	Max vertical wall cut depth	5 670 mm	6 570 mm
F	Min. front swing radius	5 140 mm	4 990 mm
G	Rear end swing radius	3 680	mm

	SH500	LHD-5
Arm length	2.53 m	3.38 m
Boom length	6.98	mm
A Max digging radius	11 230 mm	12 000 mm
B Max digging depth	6 720 mm	7 570 mm
C Max digging height	10 970 mm	11 290 mm
D Max dumping height	7 570 mm	7 890 mm
E Max vertical wall cut depth	5 520 mm	6 420 mm
F Min. front swing radius	5 140 mm	4 990 mm
G Rear end swing radius	3 680	mm



		SH480LHD-5 MASS
Arr	n length	2.53 m
Во	om length	6.55 mm
Α	Max digging radius	10 810 mm
В	Max digging depth	6 490 mm
С	Max digging height	10 520 mm
D	Max dumping height	7 180 mm
Е	Max vertical wall cut depth	4 920 mm
F	Min. front swing radius	4 800 mm
G	Rear end swing radius	3 680 mm

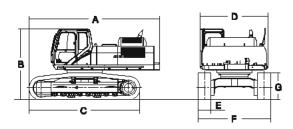
		SH500LHD-5 MASS	
Arm length		2.53 m	
Во	om length	6.55 mm	
Α	Max digging radius	10 810 mm	
В	Max digging depth	6 340 mm	
С	Max digging height	10 670 mm	
D	Max dumping height	7 340 mm	
Е	Max vertical wall cut depth	4 770 mm	
F	Min. front swing radius	4 800 mm	
G	Rear end swing radius	3 680 mm	

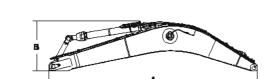


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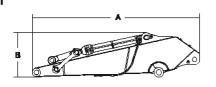
Transportation

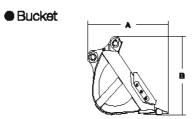
Basic Machine (without counter weight)



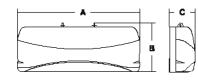


Arm



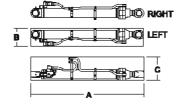


Counter weight



Boom cylinder

Boom



Basic Machine (without counter weight)

	304000073040000000000000000000000000000			
t	26 300 kg	27 100 kg	28 600 kg	
	6 025 mm 6 205 mm			
	3 290 mm		3 440 mm	
	5 100 mm 5 450 mm) mm	
n side gard)	3 060 mm (3 130 mm)			
	600 mm			
	3 350 n	nm	2 990 mm Retractwithout lower step	
	1 240 m	nm	1 220 mm	
n stoe garo)	3 350 n	600 mm	2 Ref	

G	
Bucket	

Model		SH480HD/SH480	LHD/SH500LHD-5	MASS	
	Bucket capacity (ISO/SAE/PCSA heaped) unit:mm		2.0 m ^a	3.0 m²	
Bucket capa CECE heaps		1.6 m³	1.8 m²	2.7 m³	
Bucket type	Bucket type		HD		
No. of tooth	No. of tooth		5		
Width	With side cutter	1 508	1 638	1 885	
unit:mm	Without side cutter	1 400	1 530	1 885	
Welght:unit kg		1 830	1 930	2 830	
	2.53 m arm	0	•	•	
	3.38 m arm	•	0	_	

- : Standard bucket (Suitable for materials with density up to 1,800kg/m² or less)
- ©: Suitable for materials with density up to 2,000kg/m* or less O: Suitable for materials with density up to 1,800kg/m* or less
- ∴: Suitable for materials with density up to 1,200kg/m³ or less

Boom

Model	SH460HD/SH460LHD/SH500LHD-5		
	6.98 m Boom	6.55 m Boom	
A Length	7.26 m	6.84 m	
B Height	1 740 mm	1 810 mm	
Width	860 mm	870 mm	
Weight	4 520 kg	4 670 kg	

Arm			
Model	SH460HD/SH480LHD/SH500LHD-5		
	2.53 m Arm	3.38 m Arm	
A Length	3 820 mm		
B Height	1 130 mm		
Width	610 mm		
Weight	2 420 kg	2 610 kg	

Counter Weight

Model	SH460HD/SH480LHD/SH500LHD-5
A Length	2 990 mm
B Height	1 230 mm
C Width	740 mm
Weight	9 200 kg

Boom cylinder

Model	SH480HD/SH480LHD/SH500LHD-5	
A Length	2 440 mm	
B Height	500 mm	
C Width	400 mm	
Welght	500 kg	

Principle Specifications

	SH460HD-5	SH480LHD-5 [SH500LHD-5]	SH480LHD-5 MASS	SH500LHD-5 MASS	
Boom length	6.1	6.98 m (HD type)		6.55 m (HD type)	
Arm length Bucket capacity (ISO)	3.5	3.38 m (HD type)		2.53 m (HD type)	
Bucket capacity (ISO h	neaped) 1.	1.8 m³ (HD type)		3.0 m³ (HD type)	
Std. operating weight	45,900 kg	46,700 kg [48,100 kg]	47,200 kg	48,600 kg	
Make & model		ISUZU AH-6UZ1XYSS			
Make & model Rated output Displacement		270 kW/1 950 min ⁻¹			
Displacement		9 839 ml(cc)			
Main pump		2 variable displacement extal piston pumps with regulating system			
Max pressure		31.4 Mpa			
Main pump Max pressure /with auto power boos Travel motor Parking brake type Swing motor	at	34.3 MPa			
Travel motor		Variable displacement axial piston motor			
Parking brake type		Mechanical disc brake			
Swing motor		Fixed displacement axial piston motor			
Travel speed		5.3/3.1 km/h			
Drawbar pull		341 kN			
g Grade ability		70% <35°>			
Grade ability Ground pressure Swing speed Bucket digging force	85 kPa	80 kPa [82kPa]	81 kPa	83 kPa	
Swing speed		9.0 min ⁻¹			
Bucket digging force		247 kN			
/// // // // // // // // // // // // //		270 kN			
Arm digging force		209 kN			
/with power boost		229 kN			
Fuel tank 650 liter					
B Hydraulic fluid tank 230 liter					

Standard equipment

[Hydraulic system] •SIH:S hydraulic system

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

[Cab/Interior equipment]

 Titing console Open air introducing pressurized full-automatic air conditioner Detroster Hot & cool box •Water-repelling operator's seat

Seat suspension

•Rise-up wiper (with intermittent operation function) Cup holder

AM/FM radio (with muting function) **Clock**

Megezine reck

Accessory case •Floor met

 Armrest & headrest «Ashtray & cigar lighter

•Room light (Auto-OFF function) Cost hook

Accessories (option)

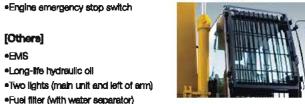
■ Cab-top light



■ Front guard (FOPS level 1)

■ Head guard (FOPS level 2)

■ Rain reflector



[Safety equipment]

Rearview mirror (left/right)

•Travel alarm (with on and off switch)

•Fuel prefilter (with water separator)

Bucket rattling control mechanism

•Double-element air cleaner

•Grease-enclosed track link

•Large tool box

•A set of tools

Emergency escape tool

Anti-theft alarm system

•Engine room firewall

Winding seat belt

Gate lock lever

•Fan guard

•EMS













■ Polycarbonate with sunshade

■ Full track guard

■ Re-fuel Pump ■ Pre-cleaner

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

■ Lower window guard