

ACERA GEOSPEC SK200-8/SK210LC-8

Hydraulic Excavators

ENGINE

- Engine, HINO J05E, Diesel engine with turbocharger and intercooler
- Automatic engine deceleration

STANDARD EQUIPMENT

- Auto Idle Stop (AIS)
- Batteries (2 x 12V 96Ah)
- Starting motor (24V 5 kW), 50 amp alternator
- Removable clean-out screen for radiator
- Automatic engine shut-down for low engine oil pressure
- Engine oil pan drain valve
- Double element air cleaner
- CONTROL
- Working mode selector (H-mode and S-mode)
- Power Boost
- **SWING SYSTEM & TRAVEL SYSTEM**
- Swing rebound prevention system
- Straight propel system
- Two-speed travel with automatic shift down
- Sealed & lubricated track links
- Grease-type track adjusters
- Automatic swing brake
- HYDRAULIC
- Arm regeneration system
- Aluminum hydraulic oil cooler
- **MIRRORS & LIGHTS**
- Two rearview mirrors
- Two front and two rear working lights
- Swing flashers
- Two cab working lights

OPTIONAL EQUIPMENT

- Radio, AM/FM Stereo with speakers
- Wide range of buckets
- Various optional arms
- Wide range of shoes
- Boom safety valve

Note: Standard and optional equipment may vary. Consult your KOBELCO dealer for specifics.

- **CAB & CONTROL**
- Two control levers, pilot-operated
- Tow eyes
- Horn, electric
- Integrated left-right slide-type control box
- Cab, all-weather sound suppressed type
- Ashtray
- Cigarette lighter
- Cab light (interior)
- Coat hook
- Luggage tray
- Large cup holder
- Detachable two-piece floor mat
- Double slide seat
- Adjustable suspension seat
- Retractable seatbelt
- Headrest
- Handrails
- Heater and defroster
- Intermittent windshield wiper with double-spray washer
- Skylight
- Tinted safety glass

Arm safety valve

Pre-air cleaner

- Pull-type front window and removable lower front window
- Easy-to-read multi-display monitor
- Automatic air conditioner

7-way adjustable suspension seat

Front-guard protective structures

Additional hydraulic circuit

Emergency escape hammer

Note: This catalog may contain attachments and optional equipment that are not available in your area. And it may contain photographs of machines with specifications that differ from those of machines sold in your areas. Please consult your nearest KOBELCO distributor for those items you require. Due to our policy of continuous product improvements all designs and specifications are subject to change without advance notice. Copyright by **KOBELCO CONSTRUCTION MACHINERY CO., LTD.** No part of this catalog may be reproduced in any manner without notice.

KOBELCO CONSTRUCTION MACHINERY CO., LTD.

17-1, Higashigotanda 2-chome, Shinagawa-ku, Tokyo 141-8626 JAPAN Tel: +81 (0) 3-5789-2146 Fax: +81 (0) 3-5789-2135 www.kobelco-kenki.co.jp/english_index.html

Inquiries To:







SK200 **SK210**_{LC}

- Bucket Capacity: 0.8 – 1.0 m³ ISO heaped
- Engine Power: 118kW {160 PS}/2,000 min⁻¹{rpm} (ISO14396)
- Operating Weight: 20,800 kg-SK200 21,300 kg-SK210LC



The Power Wave of Change

KOBELLO

GENEDE

Announcing ACERA GEOSPEC and the Concept of Beautiful Performance.

When we set out to design our new hydraulic excavators, we kept our eyes on the big picture. Of course we wanted machines with greater digging capacity. But they also had to be fuel-efficient and economical, while imposing less of a burden on the local and global environments. Applying our advanced technologies, we developed KOBELCO's new ACERA GEOSPEC series, an entirely new kind of excavator that beautifully balances all the demands of today's construction industry. Lean and efficient with capacity to spare, these sleek powerhouses bring a whole new style to the worksite while setting new standards for environmental responsibility.



Pursuing the "Three E's" The Perfection of Next-Generation, Network Performance

Enhancement

Greater Performance Capacity

 New hydraulic circuitry minimizes pressure loss
 High-efficiency, electronically controlled Common Rail Fuel Injection Engine
 Powerful travel and arm/bucket digging force

Economy

Improved Cost Efficiency Advanced power plant that reduces fuel consumption Easy maintenance that reduces upkeep costs High structural durability and reliability that retain machine value longer

Environment

Features That Go Easy on the Earth

Auto Idle Stop as standard equipment
 Noise reduction measures (with improvement of the sound quality) minimize noise and vibration



The "GEO" in GEOSPEC expresses our deep respect for our planet, and for the solid ground where excavators are in their element. This is accompanied by SPEC, which refers to the performance specifications needed to get the job done efficiently as we carry on the tradition of the urban-friendly ACERA series.



The GEOSPEC Difference: **Efficient Performance!**

Amazing Productivity with a 20 % Decrease in Fuel Consumption and "Top-Class" Cost-Performance

 Fuel Consumption* 20 % decrease in fuel consumption even when performing more work volume. (S-Mode) Work Volume* Work Volume* mcrease in work volume using the same amount of fuel. (H-Mode)
"Top-Class" Powerful Digging
Max. arm crowding force: 102 kN {10.4 tf}
Max. arm crowding force 112 kN {11.4 tf}
Max. bucket digging force: 143 kN {14.6 tf}
Max. bucket digging force 157 kN {16.0 tf}
Powerful Travel
Travel torque: increased by 16 %
Drawbar pulling force: 229 kN {23.3 tf}
Greater Swing Power, Shorter Cycle Times
Swing torque: increased by 10 %
Swing speed: 11 % 1 faster (12.5 min ⁻¹)
Significant Extension of Continuous Working Hours

The combination of a large-capacity fuel tank and excellent fuel efficiency delivers an impressive 30 % increase in continuous operation hours. One tank of fuel keeps the **30 %** tions for more than 20 hours.**

Light Lever Operation

It takes 10% less effort to move the control levers, so that operators can work longer hours with less fatigue.



Fuel tank:

370

Rigorous inspections for pressure loss are performed on all components of the hydraulic piping, from the spool of the control valve to the connectors. This regimen, combined with the use of a new, high-efficiency pump, cuts energy loss to a minimum.

NEXT-3E Technology Next-Generation Electronic Engine Control

The high-pressure, common-rail fuel-injection engine features adjustable control to maximize fuel efficiency and provide powerful medium/low-speed torque. The result is a highly fuel-efficient engine.



Photos in this catalog are the optional specs with 0.93 m³ bucket and 800 mm shoes.

NEXT-3E Technology New Hydraulic System



The next-generation engine control is governed by a new version of ITCS, which responds quickly to sudden changes in hydraulic load to ensure that the engine runs as efficiently as possible with a minimum of wasted output.

ITCS (Intelligent Total Control System) is an advanced, computerized system that provides comprehensive control of all machine functions.

*The value shows results from actual measurements taken by KOBELCO when compared with previous KOBELCO models.

**The value shows results from actual measurements taken by KOBELCO for continuous operation in S Mode, compared with previous models. Results vary depending on the method of operation and load conditions.

Performance



Simple Select: **Two Digging Modes**





For heavy duty when a higher H-Mode performance level is required.



For normal operations with lower fuel consumption.

Optional N&B (crusher and breaker)

The operator selects the desired mode from inside the cab, and the selector valve automatically configures the machine accordingly.

Attachment Mode Selector Switch (Optional)

There's a choice of three different hydraulic circuits, to accommodate bucket, crusher or breaker, and the desired attachment mode can be selected with a switch, which automatically configures the selector valve. All attachment modes can be used in either S-mode or H-mode.



Seamless, Smooth Combined Operations

The GEOSPEC machines have inherited the various systems that make inching and combined operations easy and accurate, with further refinements that make a good thing even better. Leveling and other combined operations can be carried out with graceful ease.

- Electronic Active Control System
- Arm regeneration system
- Boom lowering system
- Variable swing priority system
- Swing rebound prevention system



The GEOSPEC Difference: **The Value and Quality** of Sturdy Construction!

Stable Attachment Strength

Forged and cast components are used throughout. The arm tip's cross-sectional coefficient is 15 % higher that previous models, giving the arm the same strength as the 3-faced reinforced arm that was offered only as an option before. The strength of the boom foot has also been increased by 18 %.

Emergency Acceleration (Dial) Permits Continued Operation in the Unlikely Event of Malfunction



Engine throttle

If unexpected trouble is experienced with the ITCS mechatronic control system, the machine can still be operated using the emergency acceleration system. Digging modes are also automatically relayed to an emergency system so that digging can continue temporarily until a service person arrives to repair the primary system.



Newly designed MCU

- Vertical alignment and sealedcover gives better protection from water and dust Integration in base plate boosts assembly quality
- Reliable fixture to base plate

New MCU Conventiona MCU

Countermeasures Against Electrical System Failure

All elements of the electrical system, including controller, have been designed for enhanced reliability.



O/ strength up around /O arm top section

Durability That Retains Machine Value Five and Ten Years in the Future

• New operator's seat covered in durable material • High-quality urethane paint • Easily repaired bolted hand rails

Enhanced Upper Carbody Strength

The structure of the lower portion of the upper frame has been reassessed and the undercover area has been minimized. Also, the side deck's cross-sectional strength has been boosted by 50 %.



Reliability, Durability, Environmental Responsibility



The GEOSPEC Difference: **Designed for the Environment and** the Future!



This function saves fuel and cuts emissions by shutting down the engine automatically when the machine is on stand by. It also stops the hourmeter, which helps to retain the machine's asset value

Automatic Acceleration/Deceleration Function **Reduces Engine Speed**

Engine speed is automatically reduced when the control lever is placed in neutral, effectively saving fuel and reducing noise and exhaust emissions. The engine quickly returns to full speed when the lever is moved out of neutral.



Low Noise Level and Mild Sound Quality

The electronically controlled common-rail engine has a unique fuel injection system that runs quietly. Also, the hydraulic pumps have been redesigned to produce a more pleasant sound during pressure relief.

Meets EMC (Electromagnetic Compatibility) Standards in Europe.

Measures have been taken to ensure that the GEOSPEC machines do not cause electro-magnetic interference.





The GEOSPEC Difference: "On the Ground" Maintenance!

Comfortable "On the Ground" Maintenance



The machine layout was designed with easy inspection and maintenance in mind.

Access through the right side cover

A new fuel filter has been installed that can handle the most punishing conditions. It now has two pre-fuel filters (with built-in water separators), and a highgrade main fuel filter.





Engine Oil Filter Main fuel filte Pre-fuel filter (with built-in water separators)

Quick Oil Drain Valves for Quick Maintenance



A guick drain valve, which requires no tools, is provided as standard equipment.





To facilitate fuel tank cleaning, the fuel drain valve was made larger and fitted with a flange on the bottom.

More Efficient Maintenance Inside the Cab



mat.

Detachable twopiece floor mat with handles for easy removal A floor drain is located under the

 Easy-access fuse box. More finely differentiated fuses make it easier to locate malfunctions.

• Air conditioner filter can be easily removed without tools for cleaning.



 Hour meter can be checked while standing on the ground

 Large-capacity tool box can hold up to three pails.

Ø

 Special crawler frame design is easily cleaned of mud.



mmmmm

8

6

6



Oil cooler Radiator Intercooler Air conditioner condenser



Highly Durable Super-fine Filter



Super-fine filter

The high-capacity hydraulic oil filter incorporates glass fiber with superior cleaning power and durability. With a replacement cycle of 1,000 hours and a construction that allows replacement of the filter element only, it's both highly effective and highly economical.

Double-Element Air Cleaner as Standard



The large-capacity element features a double-filter structure that keeps the engine running clean even in dusty environments.

Air cleaner (double element)

Monitor Display with Essential Information for Accurate Maintenance Checks



- •Displays only the maintenance information that's needed, when it's needed. Self-diagnostic function that provides early-
- warning detection and display of electrical system malfunctions
- Record previous breakdowns, including irregular and transient malfunctions.

Choice of 16 Languages for Monitor Display



With messages including those requiring urgent action displayed in the local language, users in all parts of the world can work with greater peace of mind.

	E defekt	CHARGE ERROR	ET CHARGE ERROR
hinese	German	English	English (US)
ERREUR DE CHARGE	ET PENGISIAN BATT. Rusak		ERRORE DI CARICA
rench	Indonesian	ISO	Italian
ヨチャージ	E KESALAHAN CAS		ERRO DE CARGA
apanese	Malay	Myanmar (Brumee)	Portuguese
ERROR EN CARGA	📑 தவறாக திணித்தல்	📑 📲 ไฟไม่ชาร์ จ	≞∎Sac Điện Bị Lỗi
panish	Tamil	Thai	Vietnamese



The GEOSPEC Difference: **Designed from the Operator's Point of View**



Newly Designed Information Display Prioritizes Visual Recognition

The analog gauge provides information that's easy to read regardless of the operating environment. The information display screen has been enlarged, and a visor is attached to further enhance visibility.

Wide Field of View Liberates the Operator

The front field of view easily clears ISO standards, while the peripheral view reduces blind spots to a minimum.



• A long wiper covers a wide area for a broad view in bad weather.

- Back mirrors provide a safe view of the rear.
- Reinforced green glass windows meet European standards.

Wide-Access Cab Ensures Smooth Entry and Exit

The left control box lifts up with the safety lock lever to add 10° to the cab entry angle for easy entrance and exit.



Plenty of Foot Room

With a total width of 1,005 mm, the cab has 35 mm more front to-back foot room than previous models. The travel pedal is larger for greater operator comfort.

Reduced Vibration for Fatigue-Free Operation

The rigid cab construction and liquid-filled viscous cab mounts minimize cab vibration. In addition, the use of new lower rollers on the crawlers cuts travel vibration in half compared with previous models.

In-Cab Noise is Reduced by 3dB Compared with Previous Models.



Creating a Comfortable Operating Environment



Seat can be reclined to horizontal position







le slide seat



- Two-speaker FM radio with station select (Optional)
 New interior design and materials create an elegant feel
- One-touch lock release
 Large cup holder simplifies opening and closing the front window

Comfort and Safety



The GEOSPEC Difference: Imagining Possible Scenarios and Preparing in Advance

Bracket for Attaching a Head Guard Provided as Standard Equipment



A bracket is provided as standard equipment that allows the optional head guard to be simply bolted on.

Safety Features That Take Various Scenarios into Consideration



 Firewall separates the pump compartment from the engine



Hammer for emergency exit



Swing flashers/rear working lights

- Thermal guard prevents contact with hot components during engine inspections
- Hand rails meet European standards
- Retractable seatbelt requires no manual adjustment

Other Features





Two cab working lights

Adjustable suspension seat

Specifications

Engine

Model	HINO JO5E
Mouer	HINO JUJE
Туре:	Direct injection, water-cooled, 4-cycle diesel engine with turbocharger, intercooler
No. of cylinders:	4
Bore and stroke:	112 mm × 130 mm
Displacement:	5.123 L
Rated power output:	118 kW/ 2,000 min ⁻¹ (IS014396:2002)
naleu power oulpul.	114 kW/2,000 min ⁻¹ (IS09249:2007)*
Max. torque:	592 N•m/1,600 min ⁻¹ (IS014396:2002)
	572 N•m/1,600 min ⁻¹ (IS09249:2007)*

*Previous indication

Hydraulic System

Pump		
Туре:	Two variable displacement pumps + 1 gear pump	
Max. discharge flow:	2 × 220 L/min, 1 × 20 L/min	
Relief valve setting		
Boom, arm and bucket:	34.3 MPa {350 kgf/cm ² }	
Power Boost:	37.8 MPa {385 kgf/cm ² }	
Travel circuit:	34.3 MPa {350 kgf/cm ² }	
Swing circuit:	29.0 MPa {296 kgf/cm ² }	
Control circuit:	5.0 MPa {50 kgf/cm ² }	
Pilot control pump:	Gear type	
Main control valves:	8-spool	
Oil cooler:	Air cooled type	

Swing System

Swing motor:	Axial-piston motor	
Brake:	Hydraulic; locking automatically when the swing control lever is in the neutral position	
Parking brake:	Hydraulic disc brake	
Swing speed:	12.5 min ⁻¹ {rpm}	
Tail swing radius:	2,750 mm	
Min. front swing radius:	3,540 mm	



Backhoe bucket and arm combination

		Backhoe	e bucket
		Normal digging	
	Use		
Bucket capacity	ISO heaped m ³	0.8	1.0
DUCKEL CAPACILY	Struck m ³	0.59	0.76
.	With side cutters mm	1,060	1,410
Opening width	Without mm side cutters	1,130	1,390
No. of bucket teeth		5	5
Bucket weight kg		810	950
Combinations	2.40 m short arm		0
oonninations	2.94 m standard arm	0	—

○ Recommend



Travel motors:	$2 \times axial$ -piston, two-step motors
Travel brakes:	Hydraulic disc brake
Parking brakes:	Oil disc brake per motor
Travel shoes:	46 each side (SK200)
Havel Shues.	49 each side (SK210LC)
Travel speed:	6.0/3.6 km/h
Drawbar pulling force:	229 kN {23.3 tf} (ISO 7464)
Gradeability:	70 % {35°}
Ground clearance:	450 mm

Cab & Control **)**

Cal All-weather, sound-suppressed steel cab mounted on the silicon-sealed viscous mounts and equipped with a heavy, insulated floor mat. Control Two hand levers and two foot pedals for travel Two hand levers for excavating and swing Electric rotary-type engine throttle

Boom, Arm & Bucket

oom cylinders:	120 mm × 1,355 mm
rm cylinder:	135 mm × 1,558 mm
ucket cylinder:	120 mm × 1,080 mm

Refilling Capacities & Lubrications

Fuel tank:	370 L
Cooling system:	22 L
Engine oil:	22 L
Travel reduction gear:	2 × 5.3 L
Swing reduction gear:	3.0 L
Hydraulic oil tank:	146 L tank oil level 230 L hydraulic system

Working Ranges

			Unit: m
Boom		5.65 m	
Range	Arm	Short 2.4 m	Standard 2.94 m
a- Max. digging reach		9.42	9.9
b- Max. digging reach at ground level		9.24	9.73
c - Max. digging depth		6.16	6.7
d - Max. digging height	t	9.51	9.72
e- Max. dumping clearance		6.68	6.91
f - Min. dumping clearance		2.98	2.43
g- Max. vertical wall digging depth		5.57	6.1
h- Min. swing radius		3.56	3.54
i - Horizontal digging stroke at ground level		4.08	5.27
j - Digging depth for 2.4 m (8') flat bottom		5.95	6.52
Bucket capacity	SK200	1.0	0.8
ISO heaped m ³	SK210LC	1.0	1.0

Digging Force (ISO 6015)

Digging Force (ISO 6015)		Unit: kN (tf)	
Arm length	Short 2.4 m	Standard 2.94 m	
Bucket digging force	143 {14.6} 157 {16.0}*	143 {14.6} 157 {16.0}*	
Arm crowding force	121 {12.3} 133 {13.6}*	102 {10.4} 112 {11.4}*	

*Power Boost engaged.

Dimensions

	Arm length		Short 2.4 m	Standard 2.94 m
Α	Overall length		9,640	9,560
В	Overall height (to top of boom)		3,160	2,980
С	Overall width	SK200	2,800	2,800
U		SK210LC	2,990	2,990
D	Overall height (to	top of cab)	3,030	3,030
Ε	E Ground clearance of rear end*		1,060	1,060
F	Ground clearance	*	450	450



Operating Weight & Ground Pressure In standard trim, with standard boom, 2.94 m arm, and 0.8 m³ ISO heaped bucket

Shaped			Triple grouser shoes (even height)							
Shoe width	mm		600	700	800					
Overall width	mm	SK200	2,800	2,900	3,000					
		SK210LC	2,990	3,090	3,190					
Ground pressure	kPa (kgf/cm²)	SK200	47 {0.48}	41 {0.42}	36 {0.36}					
arounu pressure	Kra (kyi/cili*)	SK210LC	44 {0.45}	39 {0.40}	34 {0.35}					
Operating weight	ka	SK200	20,800	21,200	21,400					
Operating weight	kg	SK210LC	21,300	21,700	21,900					





			Unit: mm
G	Tail swing radius		2,860
G'	Distance from cent swing to rear end	er of	2,860
н	Tumbler distance	SK200	3,370
п		SK210LC	3,660
	Overall length of	SK200	4,170
· ·	crawler	SK210LC	4,450
J	Track gauge	SK200	2,200
J	TTACK yauye	SK210LC	2,390
K	Shoe width		600/700/800
L	Overall width of up	perstructure	2,710
			* Without including height of shoe lug.



Lifting Capacities



Rating over front

Rating over side or 360 degrees

B - Bucket hook height above/below ground

A - Reach from swing centerline to bucket hook

C - Lifting capacities in kilograms
Max. discharge pressure: 37.8 MPa (385 kg/cm²)

SK200		Standard .	Arm: 2.94 m	Bucket: 0.8	m³ ISO heap	ed 810 kg S	hoe: 600 mm	1						
	А	1.8	5 m	3.0) m	4.8	5 m	6.0) m	7.5	m	At Max	. Reach	
В			-	L	—	L	-		-		-	Ľ	-	Radius
7.5 m	kg											*2,710	*2,710	6.33 m
6.0 m	kg							*4,400	4,380	*4,360	2,750	*2,550	*2,550	7.42 m
4.5 m	kg							*4,900	4,170	4,260	2,610	*2,560	2,340	8.09 m
3.0 m	kg			*11,740	*11,740	*7,350	6,210	*5,680	3,880	4,100	2,460	*2,690	2,060	8.44 m
1.5 m	kg			*6,510	*6,510	*8,950	5,600	5,930	3,580	3,980	2,340	*2,970	1,950	8.51 m
G. L.	kg			*7,540	*7,540	9,130	5,240	5,690	3,370	3,920	2,300	3,370	1,970	8.30 m
-1.5 m	kg	*6,730	*6,730	*10,760	10,110	8,980	5,110	5,570	3,270			3,690	2,150	7.81 m
-3.0 m	kg	*10,310	*10,310	*13,110	10,300	9,040	5,160	5,590	3,290			4,450	2,630	6.96 m
-4.5 m	kg			*10,060	*10,060	*7,140	5,370					*5,390	3,850	5.59 m

SK200		Standard .	Arm: 2.94 m	Bucket: 0.8	m³ ISO heap	ed 810 kg S	hoe: 800 mm	ı						
	А	1.8	i m	3.0) m	4.5	5 m	6.0) m	7.5	m	At Max	. Reach	
В				Ľ		ł		ł	-	Ľ		ł		Radius
7.5 m	kg											*2,710	*2,710	6.33 m
6.0 m	kg							*4,400	*4,400			*2,550	*2,550	7.42 m
4.5 m	kg							*4,900	4,300	*4,360	2,840	*2,560	2,430	8.09 m
3.0 m	kg			*11,740	*11,740	*7,350	6,390	*5,680	4,000	4,420	2,710	*2,690	2,150	8.44 m
1.5 m	kg			*6,510	*6,510	*8,950	5,780	6,140	3,710	4,260	2,560	*2,970	2,030	8.51 m
G. L.	kg			*7,540	*7,540	9,460	5,420	5,900	3,490	4,130	2,440	*3,470	2,050	8.30 m
-1.5 m	kg	*6,730	*6,730	*10,760	10,440	9,310	5,300	5,780	3,390	4,080	2,390	3,830	2,250	7.81 m
-3.0 m	kg	*10,310	*10,310	*13,110	10,630	*9,080	5,340	5,800	3,410			4,620	2,730	6.96 m
-4.5 m	kg			*10,060	*10,060	*7,140	5,550					*5,390	3,990	5.59 m

SK200		Short Arm	: 2.4 m Buck	(et: 0.8 m³ S	O heaped 8	10 kg Shoe:	600 mm							
	А	1.5	ö m	3.0	m	4.9	5 m	6.0) m	7.5	m	At Max	. Reach	
B						ł	-	ł	-	ł		ł	 -	Radius
7.5 m	kg											*4,120	*4,120	5.66 m
6.0 m	kg							*4,970	4,330			*3,890	3,350	6.86 m
4.5 m	kg					*6,460	*6,460	*5,420	4,150	*4,360	2,750	*3,920	2,690	7.58 m
3.0 m	kg					*8,110	6,100	*6,140	3,870	4,290	2,640	3,870	2,370	7.95 m
1.5 m	kg					9,500	5,570	5,950	3,610	4,150	2,520	3,710	2,240	8.02 m
G. L.	kg			*6,800	*6,800	9,180	5,300	5,750	3,440	4,060	2,430	3,810	2,280	7.81 m
-1.5 m	kg	*7,640	*7,640	*11,750	10,380	9,120	5,240	5,680	3,380			4,230	2,530	7.28 m
-3.0 m	kg	*12,410	*12,410	*12,070	10,610	*8,690	5,340	5,760	3,450			5,280	3,170	6.36 m
-4.5 m	kg			*8,440	*8,440	*6,080	5,640					*5,560	5,090	4.81 m

SK200		Short Arm	: 2.4 m Buck	ket: 0.8 m³ IS	O heaped 8	10 kg Shoe:	800 mm							
	А	1.5	ö m	3.0	m	4.5	5 m	6.0) m	7.5	m	At Max	. Reach	
В					-	ľ	-	ł	-	Ľ		Ľ	-	Radius
7.5 m	kg											*4,120	*4,120	5.66 m
6.0 m	kg							*4,970	4,460			*3,890	3,460	6.86 m
4.5 m	kg					*6,460	*6,460	*5,420	4,270	*4,360	2,850	*3,920	2,790	7.58 m
3.0 m	kg					*8,110	6,290	*6,140	4,000	4,440	2,740	4,020	2,450	7.95 m
1.5 m	kg					*9,520	5,750	6,160	3,740	4,310	2,610	3,860	2,320	8.02 m
G. L.	kg			*6,800	*6,800	9,510	5,480	5,960	3,560	4,210	2,520	3,960	2,370	7.81 m
-1.5 m	kg	*7,640	*7,640	*11,750	10,710	9,440	5,430	5,890	3,500			4,390	2,630	7.28 m
-3.0 m	kg	*12,410	*12,410	*12,070	10,940	*8,690	5,520	5,970	3,570			5,470	3,290	6.36 m
-4.5 m	kg			*8,440	*8,440	*6,080	5,820					*5,560	5,260	4.81 m

SK210LC		Standard A	Arm: 2.94 m	Bucket: 1.0	m³ ISO heape	ed 950 kg Sl	hoe: 600 mm							
	А	1.5	m	3.0	m	4.5	5 m	6.0	m	7.5	m	At Max	. Reach	
В			;;- -	ł	-	Ľ	;				;- -		-	Radius
7.5 m	kg											*2,610	*2,610	6.33 m
6.0 m	kg							*4,290	*4,290			*2,450	*2,450	7.42 m
4.5 m	kg							*4,790	4,560	*4,260	2,990	*2,460	*2,460	8.09 m
3.0 m	kg			*11,620	*11,620	*7,240	6,870	*5,560	4,250	*4,720	2,850	*2,590	2,250	8.44 m
1.5 m	kg			*6,410	*6,410	*8,830	6,240	*6,360	3,950	4,590	2,700	*2,880	2,130	8.51 m
G. L.	kg			*7,440	*7,440	*9,710	5,860	6,440	3,730	4,460	2,580	*3,370	2,160	8.30 m
-1.5 m	kg	*6,630	*6,630	*10,650	*10,650	*9,740	5,730	6,320	3,620	4,410	2,530	*4,130	2,370	7.81 m
-3.0 m	kg	*10,200	*10,200	*12,980	11,820	*8,960	5,780	6,340	3,640			5,010	2,900	6.96 m
-4.5 m	kg			*9,930	*9,930	*7,020	6,000					*5,270	4,270	5.59 m

SK210LC	;	Standard /	Arm: 2 . 94 m	Bucket: 1.0	m³ ISO heape	ed 950 kg Sl	hoe: 800 mm	1						
\sim	А	1.5	i m	3.0	3.0 m		i m	6.0) m	7.5	m	At Max	. Reach	
В					,		,	ŀ			,		.	Radius
7.5 m	kg											*2,610	*2,610	6.33 m
6.0 m	kg							*4,290	*4,290			*2,450	*2,450	7.42 m
4.5 m	kg							*4,790	4,700	*4,260	3,100	*2,460	*2,460	8.09 m
3.0 m	kg			*11,620	*11,620	*7,240	7,090	*5,560	4,400	*4,720	2,960	*2,590	2,350	8.44 m
1.5 m	kg			*6,410	*6,410	*8,830	6,460	*6,360	4,100	4,770	2,810	*2,880	2,230	8.51 m
G. L.	kg			*7,440	*7,440	*9,710	6,080	6,690	3,880	4,640	2,690	*3,370	2,260	8.30 m
-1.5 m	kg	*6,630	*6,630	*10,650	*10,650	*9,740	5,950	6,570	3,770	4,590	2,640	*4,270	2,480	7.81 m
-3.0 m	kg	*10,200	*10,200	*12,980	12,230	*8,960	6,000	*6,470	3,790			*5,210	3,020	6.96 m
-4.5 m	kg			*9,930	*9,930	*7,020	6,220					*5,270	4,430	5.59m

SK210LC		Short Arm:	: 2.4 m Buck	et: 1.0 m³ IS	O heaped 95	i0 kg Shoe:	600 mm							
	А	1.5 m		3.0	m	4.5	i m	6.0) m	7.5	m	At Max	Reach	
В			,		 -	ŀ	-	ŀ	,			ŀ	-	Radius
7.5 m	kg											*4,020	*4,020	5.66 m
6.0 m	kg							*4,850	4,720			*3,790	3,640	6.86 m
4.5 m	kg					*6,350	*6,350	*5,310	4,530	*4,260	3,000	*3,820	2,930	7.58 m
3.0 m	kg					*7,990	6,760	*6,030	4,250	4,780	2,880	*4,060	2,580	7.95 m
1.5 m	kg					*9,390	6,200	6,700	3,980	4,640	2,760	4,140	2,450	8.02 m
G. L.	kg			*6,700	*6,700	*9,960	5,920	6,500	3,800	4,540	2,670	4,260	2,500	7.81 m
-1.5 m	kg	*7,550	*7,550	*11,640	*11,640	*9,690	5,860	6,430	3,740			4,740	2,780	7.28 m
-3.0 m	kg	*12,310	*12,310	*11,930	*12,930	*8,560	5,970	*6,170	3,810			*5,640	3,500	6.36 m
-4.5 m	kg			*8,320	*8,320	*5,970	*5,970					*5,440	*5,440	4.81 m

SK210LC		Short Arm	: 2 . 4 m Buck	et: 1.0 m³ IS	O heaped 95	50 kg Shoe:	800 mm							
\sim	А	1.5	i m	3.0) m	4.5	5 m	6.0) m	7.5	m	At Max	. Reach	
В		Ľ	#- -		-		-		-		-		-	Radius
7.5 m	kg											*4,020	*4,020	5.66 m
6.0 m	kg							*4,850	*4,850			*3,790	3,770	6.86 m
4.5 m	kg					*6,350	*6,350	*5,310	4,680	*4,260	3,110	*3,820	3,040	7.58 m
3.0 m	kg					*7,990	6,970	*6,030	4,390	4,970	2,990	*4,060	2,680	7.95 m
1.5 m	kg					*9,390	6,410	*6,730	4,120	4,830	2,870	4,310	2,550	8.02 m
G. L.	kg			*6,700	*6,700	*9,960	6,140	6,750	3,940	4,730	2,780	4,430	2,600	7.81 m
-1.5 m	kg	*7,550	*7,550	*11,640	*11,640	*9,690	6,080	6,680	3,880			4,930	2,890	7.28 m
-3.0 m	kg	*12,310	*12,310	*11,930	*11,930	*8,560	6,180	*6,170	3,960			*5,640	3,630	6.36 m
-4.5 m	kg			*8,320	*8,320	*5,970	*5,970					*5,440	*5,440	4.81 m

- Notes: 1. Do not attempt to lift or hold any load that is greater than these lift capacities at their specified lift point radius and heights. Weight of all accessories must be deducted from the above lift capacities.
- Lift capacities.
 Lift capacities are based on machine standing on level, firm, and uniform ground. User must make allowance for job conditions such as soft or uneven ground, out of level conditions, side loads, sudden stopping of loads, hazardous conditions, experience of personnel, etc.
 Bucket lift hook defined as lift point.
 The above lifting capacities are in compliance with ISO 10567. They do not exceed Lift capacities apply to only machine as originally manufactured and normally equipped by KOBELCO CONSTRUCTION MACHINERY CO., LTD.

5

ſ

87% of hydraulic lifting capacity or 75% of tipping load. Lifting capacities marked with an asterisk (*) are limited by hydraulic capacity rather than tipping load.
5. Operator should be fully acquainted with the Operator's and Maintenance Instructions before operating this machine. Rules for safe operation of equipment should be adhered to at all times.