

STANDARD EQUIPMENT

FNGINE

- Engine, HINO J05E-TG, Diesel engine with turbocharger and intercooler
- Automatic engine deceleration
- 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 cock
- 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
- Auto warm up system
- Aluminum hydraulic oil cooler

MIRRORS & LIGHTS

- Two rearview mirrors
- Two front working lights

CAB & CONTROL

- Two control levers, pilot-operated
- Tow eyes
- Horn, electric
- Integrated left-right slide-type control box
- Cab, all-weather sound suppressed type
- Cab light (interior)
- Coat hook
- Luggage tray
- Large cup holder
- Detachable two-piece floor mat
- 7-way adjustable suspension seat
- Retractable seatbelt
- Headrest
- Handrails
- Heater and defroster
- Intermittent windshield wiper with double-spray washer
- Skylight
- Tinted safety glass
- Pull-type front window and removable lower front window
- Easy-to-read multi-display monitor
- Automatic air conditioner
- Emergency escape hammer
- Radio, AM/FM Stereo with speakers

OPTIONAL EQUIPMENT

- Wide range of bucket
- Various optional arms
- Wide range of shoes
- Cab light■ Travel alarm

- Additional track guide
- Under cover
- Nibbler & Breaker hydraulic piping
- Extra hydraulic piping
- Front-guard protective structures

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

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.

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Bulletin No. SK200/SK210LC-RUSSIAN-ROPS-101

2014073000 Printed in Japan



SK200-8/210LC-8

Hydraulic Excavators SK200 SK210 LC

- Bucket Capacity: 0.7 – 1.05 m³ ISO heaped
- Engine Power:
- 118 kW /2,000 min⁻¹ (IS014396)
- Operating Weight:20,400 kg-SK200

KOBELCO

20,800 kg-SK210LC





The Perfection of Next-Generation, **Network Performance**

Greater Performance Capacity

- •New hydraulic circuitry minimizes pressure loss
- Common Rail Fuel Injection Engine
- •Powerful travel and arm/bucket digging force

Improved Cost Efficiency

- Advanced power plant that reduces fuel
- Easy maintenance that reduces upkeep costs
- High structural durability and reliability that retain machine value longer

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

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*

increase in work volume using the same amount of fuel.

"Top-Class" Powerful Digging

Max. arm crowding force: 102 kN {10.4 tf}

with power boost:

Max. arm crowding force with power boost: 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 (12.5 min⁻¹): **11 % faster**

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.**

370L 30 %

Light Lever Operation

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



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

NEXT-3E Technology New Hydraulic System



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.

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

NEXT-3E Technology

Total Tuning Through Advanced ITCS Control

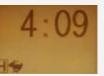
The next-generation engine control is governed by a new version of ITCS, which responds quickly to sudden changes in hydraulic load to ensure that the engine runs as efficiently as possible with a minimum of wasted output.

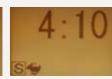
NEXT-3E Technology

Next-Generation Electronic Engine Control

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

Simple Select: **Two Digging Modes**







For heavy duty when a higher performance level is required.



For normal operations with lower fuel consumption.

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 Smode or H-mode.



Seamless, Smooth Combined Operations

The SK series 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 regeneration system
- Variable swing priority system
- Swing rebound prevention system

^{**}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

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 than 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



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.

The statement of the st

New MCU

Convention

Conventional MCU

O/ strength up around

orm top section

Newly designed MCU

- Vertical alignment and sealed cover gives better protection from water and dust
- Integration in base plate boosts assembly quality

Forged steel

arm foot boss

Reliable fixture to base plate

Countermeasures Against Electrical System Failure

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

Enhanced Upper Carbody Strength

SK 200

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 %.

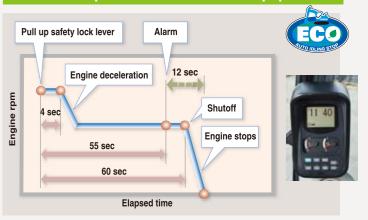


Durability That Retains Machine Value Five and Ten Years in the Future

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

Designed for the Environment and the Future!

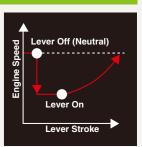
Auto Idle Stop Provided as Standard Equipment



This function saves fuel and cuts emissions by shutting down the engine automatically when the safety lock lever is pulled up. 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 dBA 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 SK series machines do not cause electro-magnetic interference.

"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



Main fuel filter Pre-fuel filter (with built-in water separator)

The fuel filter with built-in water separator functions in two ways by removing large contaminants and separating out water.

Quick Oil Drain Valves for Quick Maintenance



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

Quick drain valve



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

Fuel drain valve

More Efficient Maintenance Inside the Cab



 Detachable twohandles 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 Hour meter can be removed without tools for cleaning.

checked while

standing on the



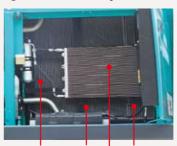
 Large-capacity tool box can hold up to



Special crawler frame design is easily

Access through the left side cover

Parallel Cooling Units Are Easy to Clean



Air conditioner condenser

Long-Life Hydraulic Oil **Reduces Replacement Costs**



The long-life hydraulic oil features a base oil with excellent demulsification, with optimized wear-resistant additives and antioxidants that help to boost the service life to 5,000 hours and greatly reduce the number of changes necessary.

Highly Durable 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.

Super-fine filter

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)

New-Design Fuel Filter Catches 95% of Dust and Impurities



The large-capacity fuel filter is designed specifically for common rail engines. With an increased filtering performance to 2-micron precision, this high-grade filter catches 95% of all dust particles and other impurities in the fuel.

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 earlywarning detection and display of electrical system
- 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.

充电不良	Lichtmaschine defekt	CHARGE ERROR	CHARGE ERROR
Chinese	German	English	English (US)
ERREUR DE CHARGE	PENGISIAN BATT.	==	ERRORE DI CARICA
French	Indonesian	ISO	Italian
ご チャージ	ET KESALAHAN CAS	📑 ချာချင်မဝင်ပါ	ERRO DE CARGA
Japanese	Malay	Myanmar(Brumese)	Portuguese
ERROR EN CARGA	<u>-</u> ื ไฟไม่ชาร์จ	≘ Sạc Điện Bị Lỗi	
Spanish	Thai	Vietnamese	

Designed from the Operator's Point of View

Newly Designed "Big Cab'

The new "Big Cab" provides a roomy operating space with plenty of legroom, and the door opens wide for easy entry and exit. As well as giving a wide, open view to the front, the cab has increased window areas on both sides and to the rear, for improved visibility in all directions.



Wide-Access Cab Aids Smooth Entry and Exit

Easy entry and exit assured with wider cab entry and safety lock lever integrated with mounting for control lever.



Excellent Visibility



The wide open view to the front combines with minimized blind spots around the machine for greater onsite safety.



Photo includes optional pedals for N&B

In-Cab Noise is Reduced by 3dB

Compared with previous models.



•In-cab nois
—3dB

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.



Creating a Comfortable Operating Environment





■ Two-speaker FM radio



Imagining Possible Scenarios and Preparing in Advance

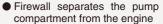
ROPS Cab

The newly developed, ROPS (Roll-Over Protective Structure)compliant cab clears ISO standards (ISO-12117-2: 2008) and ensures greater safety for the operator should the machine tip



Safety Features That Take Various Scenarios into Consideration







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

simplifies opening and closing the front window







Model	HINO JO5E-TG
Type:	Direct injection, water-cooled, 4-cycle diesel engine with turbocharger , intercooler
No. of cylinders:	4
Bore and stroke:	112 mm X 130 mm
Displacement:	5.123 L
Dated nower output:	118 kW/2,000 min ⁻¹ (ISO14396:Without fan)
Rated power output:	114 kW/2,000 min ⁻¹ (ISO9249:With fan)
May tarque:	592 N•m/1,600 min ⁻¹ (ISO14396:Without fan)
Max. torque:	572 N•m/1,600 min ⁻¹ (ISO9249:With fan)



Hydraulic System

Pump	
Type:	Two variable displacement pumps + 1 gear pump
Max. discharge flow:	2 X 220 L/min, 1 X 20 L/min
Relief valve setting	
Boom, arm and bucket:	34.3 MPa {350 kgf/cm²}
Power Boost:	37.8 MPa {385 kgf/cm²}
Travel circuit:	34.3 MPa {350 kgf/cm²}
Swing circuit:	29.0 MPa {296 kgf/cm²}
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 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:	2,860 mm
Min. front swing radius:	3,540 mm



Travel System

Travel motors:	2 X axial-piston, two-step motors
Travel brakes:	Hydraulic disc brake per motor
Parking brakes:	Oil disc brake per motor
Travel shoes:	46 each side (SK200)
	49 each side (SK210LC)
Travel speed:	6.0/3.6 km/h
Drawbar pulling force:	229 kN {23.3 tf} (ISO7464)
Gradeability:	70 % {35°}
Ground clearance:	450 mm



Cab & Control

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I		ч	

All-weather, sound-suppressed steel cab mounted on the silicon-sealed viscous mounts and equipped with a heavy, insulated floor mat.

Two hand levers and two foot pedals for travel Two hand levers for excavating and swing Electric rotary-type engine throttle



Boom, Arm & Bucket

Boom cylinders:	120 mm X 1,355 mm
Arm cylinder:	135 mm X 1,558 mm
Bucket cylinder:	120 mm X 1.080 mm



Refilling Capacities & Lubrications

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



Backhoe bucket and arm combination

		Backhoe bucket				
		Normal digging		Light-duty	Heavy digging	
Use			1000		10000	10000
Bucket capacity	Heaped (ISO 7451) m ³	0.7	0.8	0.93	1.05	0.8
Ducket capacity	Struck (ISO 7451) m ³	0.52	0.59	0.67	0.75	0.59
Opening width	With side mm cutters	1,080	1,160	1,330	1,460	1,180
	Without side mm cutters	980	1,060	1,230	1,360	1,060
No. of bucket teet	h	5	5	5	6	5
Bucket weight	kg	630	640	710	770	700
	2.40 m short arm	0	0	0	Δ	0
Combinations	2.94 m standard arm	0	0	Δ	×	0
	3.50 m long arm	0	Δ	×	×	×



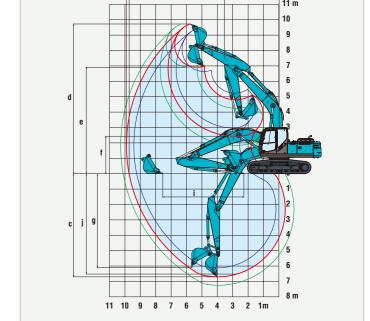
Working Ranges

			Unit: m
Boom	5.65 m		
Range	Short 2.4 m	Standard 2.94 m	Long 3.5 m
a- Max. digging reach	9.42	9.9	10.34
b- Max. digging reach at ground level	9.24	9.73	10.17
c - Max. digging depth	6.16	6.7	7.26
d- Max. digging height	9.51	9.72	9.75
e- Max. dumping clearance	6.68	6.91	6.97
f - Min. dumping clearance	2.98	2.43	1.87
g- Max. vertical wall digging depth	5.57	6.1	6.47
h- Min. swing radius	3.56	3.54	3.48
i - Horizontal digging stroke at ground level	4.08	5.27	6.08
j - Digging depth for 2.4 m (8') flat bottom	5.95	6.52	7.08
Bucket canacity ISO heaned m ³	0.93	0.8	0.7

Dinning Force (ISO 6015)

Digging 1 orde (180 0015)			Unit: KN (tf)
Arm length	Short	Standard	Long
	2.4 m	2.94 m	3.5 m
Bucket digging force	143 {14.6}	143 {14.6}	143 {14.6}
	157 {16.0}*	157 {16.0}*	157 {16.0}*
Arm crowding force	121 {12.3}	102 {10.4}	91.8 {9.36}
	133 {13.6}*	112 {11.4}*	101 {10.3}*

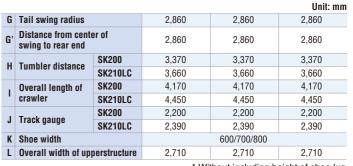
^{*}Power Boost engaged.



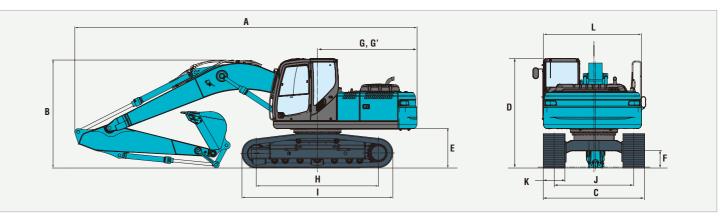
Short Arm
Standard Arm
Long Arm



ı	Arm length		Short 2.4 m	Standard 2.94 m	Long 3.5 m
Α	Overall length		9,640	9,560	9,630
В	Overall height (to top of boom)		3,160	2,980	3,180
C	Overall width	SK200	2,800	2,800	2,800
U		SK210LC	2,990	2,990	2,990
D	Overall height (to	top of cab)	3,030	3,030	3,030
E	Ground clearance of rear end*		1,060	1,060	1,060
F	F Ground clearance*		450	450	450



* Without including height of shoe lug.



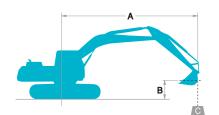
Operating Weight & Ground Pressure

ni stanuaru trini, with stanuaru boom, 2.94 in arm, and 0.0 in 180 heaped bucket													
Shaped			Triple grouser shoes (even height)										
Shoe width n	ım	600	700	800									
Overall width n	SK200	2,800	2,900	3,000									
Overall within	SK210LC	2,990	3,090	3,190									
Ground pressure kPa (kqf/ci	SK200	46 {0.47}	40 {0.40}	35 {0.36}									
Ground pressure kPa (kgf/ci	SK210LC	43 {0.44}	38 {0.38}	33 {0.34}									
Operating weight	SK200	20,400	20,800	21,000									
Operating weight	SK210LC	20,800	21,200	21,500									

 $\bigcirc \ \, \mathsf{Recommended} \ \, \triangle \ \, \mathsf{Loading\ only} \ \, \times \mathsf{Not\ recommended}$









Rating over side or 360 degrees

- A Reach from swing centerline to bucket hook
- B Bucket hook height above/below ground
- C Lifting capacities in kilograms
- Max. discharge pressure: 37.8 MPa (385 kgf/cm²)

SK200		Standard /	Arm: 2.94 m	Bucket: 0.8 ı	n³ ISO heape	d 640 kg S	640 kg Shoe: 600 mm								
	Α	1.5	i m	3.0 m		4.5	5 m	6.0 m		7.5 m		At Max.	Reach		
В													-	Radius	
7.5 m	kg											*2,860	*2,860	6.33 m	
6.0 m	kg							*4,610	4,540			*2,710	*2,710	7.42 m	
4.5 m	kg							*5,130	4,350	*4,520	2,930	*2,720	2,530	8.09 m	
3.0 m	kg			*12,070	*12,070	*7,620	6,420	*5,930	4,070	4,450	2,800	*2,850	2,260	8.44 m	
1.5 m	kg			*6,670	*6,670	*9,260	5,850	6,140	3,800	4,300	2,670	*3,140	2,150	8.51 m	
G. L.	kg			*7,690	*7,690	9,410	5,520	5,910	3,600	4,180	2,560	3,570	2,170	8.30 m	
-1.5 m	kg	*6,890	*6,890	*10,910	10,520	9,270	5,400	5,810	3,510	4,130	2,510	3,890	2,370	7.81 m	
-3.0 m	kg	*10,460	*10,460	*13,520	10,690	9,320	5,440	5,820	3,520			4,660	2,850	6.96 m	
-4.5 m	kg			*10,440	*10,440	*7,450	5,630					*5,670	4,080	5.59 m	

SK200		Short Arm	: 2.4 m Bucl	ket: 0.93 m³ l	SO heaped	710 kg Shoe: 600 mm								
	A	1.5	i m	3.0	3.0 m		4.5 m		m	7.5	i m	At Max.	Reach	
В							—	l						Radius
7.5 m	kg											*4,190	*4,190	5.66 m
6.0 m	kg							*5,050	4,390			*3,950	3,420	6.86 m
4.5 m	kg					*6,550	*6,550	*5,510	4,210	*4,420	2,830	*3,990	2,770	7.58 m
3.0 m	kg					*8,220	6,180	*6,250	3,950	4,360	2,720	3,940	2,440	7.95 m
1.5 m	kg					9,590	5,660	6,020	3,700	4,230	2,600	3,790	2,320	8.02 m
G. L.	kg			*6,870	*6,870	9,280	5,410	5,830	3,530	4,140	2,510	3,890	2,360	7.81 m
-1.5 m	kg	*7,710	*7,710	*11,810	10,530	9,220	5,350	5,770	3,470			4,310	2,610	7.28 m
-3.0 m	kg	*12,470	*12,470	*12,240	10,750	*8,820	5,450	5,850	3,540			5,360	3,260	6.36 m
-4.5 m	kg			*8,600	*8,600	*6,210	5,730					*5,690	5,190	4.81 m

SK200		Long Arm:	ng Arm: 3.5 m Bucket: 0.7 m³ ISO heaped 630 kg Shoe: 600 mm											
	A	1.5	i m	3.0 m		4.5	5 m	6.0	m	7.5 m		At Max.	Reach	
В			—		—		—		—		-		—	Radius
7.5 m	kg											*2,460	*2,460	6.89 m
6.0 m	kg									*3,200	3,000	*2,350	*2,350	7.90 m
4.5 m	kg							*4,530	4,360	*4,240	2,910	*2,370	2,240	8.53 m
3.0 m	kg			*10,000	*10,000	*6,720	6,510	*5,360	4,060	4,410	2,750	*2,490	1,990	8.86 m
1.5 m	kg			*10,400	*10,400	*8,520	5,860	6,090	3,750	4,230	2,590	*2,740	1,880	8.92 m
G. L.	kg	*3,630	*3,630	*8,600	*8,600	9,310	5,420	5,820	3,500	4,080	2,450	*3,170	1,800	8.73 m
-1.5 m	kg	*6,370	*6,370	*10,620	10,170	9,080	5,220	5,660	3,360	3,990	2,370	3,440	2,030	8.26 m
-3.0 m	kg	*9,310	*9,310	*14,170	10,270	9,060	5,200	5,630	3,330			4,030	2,400	7.47 m
-4.5 m	kg	*12,890	*12,890	*11,730	10,580	*8,160	5,340	5,760	3,450			5,460	3,280	6.21 m
-6.0 m	kg											*5,350	*5,350	4.08 m

Lifting Capacities (Without Bucket): Arm top defined as lift point. Max. discharge pressure: 34.3 MPa {350 kgf/cm²}

SK200	Standard I	Arm: 2.94 m,	Bucket: with	out Shoe: 6	00 mm									
SK2UU		1.5	i m	3.0 m		4.5 m		6.0 m		7.5 m		At Max. Reach		Radius
7.5 m	kg							*4,850	*4,850			*3,910	*3,910	6.26 m
6.0 m	kg							*5,380	4,900			*3,620	3,460	7.36 m
4.5 m	kg							*5,870	4,720	4,980	3,310	*3,540	2,940	8.03 m
3.0 m	kg					*8,540	6,780	*6,640	4,470	4,860	3,200	*3,610	2,680	8.38 m
1.5 m	kg					*10,060	6,260	6,570	4,220	4,730	3,080	*3,820	2,580	8.45 m
G. L.	kg			*5,790	*5,790	9,910	5,980	6,380	4,040	4,630	2,990	4,050	2,630	8.25 m
-1.5 m	kg	*6,130	*6,130	*10,090	*10,090	9,820	5,900	6,300	3,970	4,600	2,970	4,410	2,850	7.75 m
-3.0 m	kg	*10,690	*10,690	*13,310	11,350	*9,600	5,970	6,340	4,010			5,240	3,380	6.89 m
-4.5 m	kg			*9,870	*9,870	*7,240	6,200					*5,450	4,730	5.50 m

SK210I		Standard .	Arm: 2.94 m	Bucket: 0.8	m³ ISO heape	ed 640 kg SI								
	A	1.5 m		3.0	3.0 m		4.5 m		m	7.5 m		At Max. Reach		
			—		—		—		—		—		—	Radius
7.5 m	kg											*2,860	*2,860	6.33 m
6.0 m	kg							*4,610	*4,610			*2,710	*2,710	7.42 m
4.5 m	kg							*5,130	4,820	*4,520	3,270	*2,720	*2,720	8.09 m
3.0 m	kg			*12,070	*12,070	*7,620	7,180	*5,930	4,540	5,040	3,140	*2,850	2,540	8.44 m
1.5 m	kg			*6,670	*6,670	*9,260	6,600	*6,750	4,270	4,880	3,000	*3,140	2,430	8.51 m
G. L.	kg			*7,690	*7,690	*10,160	6,250	6,760	4,060	4,760	2,890	*3,630	2,680	8.30 m
-1.5 m	kg	*6,890	*6,890	*10,910	*10,910	*10,200	6,130	6,650	3,970	4,710	2,850	4,430	2,220	7.81 m
-3.0 m	kg	*10,460	*10,460	*13,520	12,340	*9,410	6,170	6,670	3,980			5,320	3,220	6.96 m
-4.5 m	kg			*10,440	*10,440	*7,450	6,370					*5,670	4,600	5.59 m

SK210L	C	Short Arm: 2.4 m Bucket: 0.93 m³ ISO heaped 710 kg Shoe: 600 mm												
	Α	1.5	i m	3.0	m	4.5	5 m	6.0 m		7.5	m	At Max.	Reach	
		1	—	-	—		—	-	—	ı		-	—	Radius
7.5 m	kg											*4,190	*4,190	5.66 m
6.0 m	kg							*5,050	4,870			*3,950	3,810	6.86 m
4.5 m	kg					*6,550	*6,550	*5,510	4,690	*4,420	3,160	*3,990	3,100	7.58 m
3.0 m	kg					*8,220	6,930	*6,250	4,420	4,940	3,050	*4,220	2,750	7.95 m
1.5 m	kg					*9,640	6,400	6,880	4,160	4,810	2,930	4,310	2,620	8.02 m
G. L.	kg			*6,870	*6,870	*10,220	6,140	6,680	3,990	4,720	2,850	4,430	2,680	7.81 m
-1.5 m	kg	*7,710	*7,710	*11,810	*11,810	*9,950	6,080	6,610	3,930			4,920	2,960	7.28 m
-3.0 m	kg	*12,470	*12,470	*12,240	*12,240	*8,820	6,180	*6,410	4,000			*5,870	3,680	6.36 m
-4.5 m	kg			*8,600	*8,600	*6,210	*6,210					*5,690	*5,690	4.81 m

SK210L		Long Arm:	3.5 m Buck	et: 0.7 m³ IS	O heaped 6	30 kg Shoe:	600 mm							
		1.5	i m	3.0 m		4.	5 m	6.0) m	7.5	i m	At Max.	Reach	
В			—		-		—		—		—		—	Radius
7.5 m	kg											*2,460	*2,460	6.89 m
6.0 m	kg									*3,200	*3,200	*2,350	*2,350	7.90 m
4.5 m	kg							*4,530	*4,530	*4,240	3,250	*2,370	*2,370	8.53 m
3.0 m	kg			*10,000	*10,000	*6,720	*6,720	*5,360	4,530	*4,650	3,090	*2,490	2,260	8.86 m
1.5 m	kg			*10,400	*10,400	*8,520	6,600	*6,260	4,210	4,810	2,920	*2,740	2,140	8.92 m
G. L.	kg	*3,630	*3,630	*8,600	*8,600	*9,700	6,150	6,670	3,960	4,660	2,780	*3,170	2,160	8.73 m
-1.5 m	kg	*6,370	*6,370	*10,620	*10,620	*10,060	5,950	6,500	3,820	4,570	2,700	*3,910	2,320	8.26 m
-3.0 m	kg	*9,310	*9,310	*14,170	11,910	*9,600	5,930	6,480	3,790			4,610	2,730	7.47 m
-4.5 m	kg	*12,890	*12,890	*11,730	*11,730	*8,160	6,070	*5,790	3,910			*5,480	3,710	6.21 m
-6.0 m	kg											*5,350	*5,350	4.08 m

Lifting Capacities (Without Bucket): Arm top defined as lift point. Max. discharge pressure: 34.3 MPa {350 kgf/cm²}

01/0401		Standard I	Standard Arm: 2.94 m, Bucket: without Shoe: 600 mm												
SK210L		1.5	5 m	3.0 m		4.5 m		6.0 m		7.5 m		At Max. Reach		Radius	
7.5 m	kg							*4,830	*4,830			*3,890	*3,890	6.26 m	
6.0 m	kg							*5,340	*5,340			*3,600	*3,600	7.36 m	
4.5 m	kg							*5,820	5,180	*5,350	3,630	*3,520	3,220	8.03 m	
3.0 m	kg					*8,470	7,510	*6,590	4,910	5,430	3,510	*3,590	2,940	8.38 m	
1.5 m	kg					*9,990	6,960	*7,350	4,650	5,290	3,380	*3,800	2,840	8.45 m	
G. L.	kg			*5,770	*5,770	*10,680	6,670	7,200	4,460	5,190	3,290	*4,200	2,890	8.25 m	
-1.5 m	kg	*6,100	*6,100	*10,070	*10,070	*10,530	6,590	7,110	4,390	5,160	3,270	*4,920	3,140	7.75 m	
-3.0 m	kg	*10,670	*10,670	*13,210	12,960	*9,520	6,660	*7,060	4,440			*5,720	3,720	6.89 m	
-4.5 m	kg			*9,780	*9,780	*7,170	6,910					*5390	5,230	5.50 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.
- 2. 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
- 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.
- Lift capacities apply to only machine as originally manufactured and normally equipped by KOBELCO CONSTRUCTION MACHINERY CO., LTD.

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