

# KOBELCO

SK210LC-11/SK210NLC-11

Performance  Design

## SK210<sub>LC</sub> SK210<sub>NLC</sub>

- Bucket capacity:  
0.7–0.8 m<sup>3</sup>
- Engine power:  
124 kW / 2,000 min<sup>-1</sup>
- Operating weight:  
21,900–23,500 kg



Complies with the EU Stage V  
exhaust emission regulation

**We Save You Fuel**  
Achieving a Low-Carbon Society



# Performance Design

SK210LC/SK210NLC of KOBELCO has realised a completely new value by harmonising PERFORMANCE – greater efficiency and productivity with an increased power and speed and DESIGN – operator-based operability and comfort, refusing to accept any compromises. In pursuit of unique and matchless machines which are unforgettable once you use them, KOBELCO will continue to rise to meet every challenge.



# THE ULTIMATE IN SIMPLE AND ELEGANT DESIGN

Our pursuit of functional beauty and aesthetic sense produced a new interior design.

## Jog dial

This jog dial integrates multiple functions to realise simple operations. Even with gloved hands, the operator can set various machine conditions without stress.

## LED backlights

The switches and dials have LED backlights – they provide a bright, clear view in the dark and set a luxurious mood.







# UNFORGETTABLE COMFORT

## ① Air suspension seat

A GRAMMER seat is installed as standard equipment, which achieves excellent shock absorption and superior ride comfort.



## ② Air conditioner blowing from the rear

Air is blown against the operator's waist and the back of their head, offering more comfortable operation.

## ③ Lever angles allow for comfortable operations

The operator can move the levers horizontally without twisting their wrist, which reduces the fatigue caused by the operations.



## New Hydraulic Control

Our newly upgraded hydraulic control system responds to shorter lever strokes than current models, delivering swifter, more precise movement and improved lever operability.

## ④ LED door light

The LED interior light automatically turns on when the door is opened or when the ignition is set to OFF. This ensures easy entry and exit at nighttime.

## ⑤ Parallel wipers secure a wide field of view



# KOBELCO

ECO

04:33



## SETTING MENU



PICTURE OF CAMERA



CLOCK SETTING



SCREEN BRIGHTNESS



MAINTENANCE



CONSUMPTION



LANGUAGE SELECTION



FLOW RATE 260 L/min



# A WIDER VIEW BRINGS A WIDER RANGE OF USE

## 10-inch colour monitor (the largest in the industry)

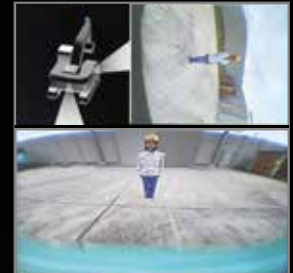
The easy-to-operate menu screen facilitates reading of important information. Images from the built-in cameras can be checked on the large screen, which helps secure safety. In addition, each icon has become easy to recognise. A password is required when starting the engine for greater security.



The right camera and rear view camera (right side view mode)

The right camera and rear view camera (straight view mode)

The right camera and rear view camera (right side view mode)



The right camera and rear view camera (straight view mode)



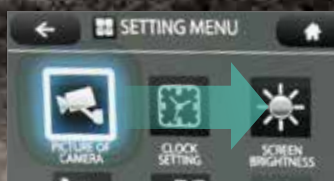
The bird's-eye view



The eagle eye view

## Right camera and rear view camera

Images from the right camera and rear view camera are displayed together on the large colour monitor. The right camera view can be selected between the straight view mode and right side view mode. In addition, the bird's-eye view mode and the eagle eye mode can also be selected.



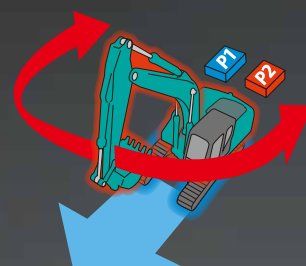
## Screen display linked with the jog dial operation

The jog dial can be operated as desired without causing stress. Turn the jog dial to the right or left to select an item and press the dial to confirm the selection.



### Independent Travel

Selecting Independent Travel dedicates one hydraulic pump to travel and one to the attachment on a continuous basis, allowing for a smooth and constant movement speed even while swinging or using the boom or attachment. With Independent Travel, safely carrying a large pipe across a job site is a breeze.



## EXPERIENCING A COMPETENT PERFORMANCE

### Excellent machine stability, plus a STAGE V compliant engine

Equipped with the new STAGE V engine, the SK210LC/SK210NLC features outstanding stability thanks to an innovative new shape for conventional excavator, as well as a larger counterweight.

Model: HINO J05EVA-KSDA

Engine output

**124 kW / 2,000 min<sup>-1</sup>**



»» Max. bucket digging force

Normal: **143** kN

With Power Boost: **157** kN

Lifting capacity

**11,820** kg

(Reach: 4.5 m Boom: 5.65 m Arm: 2.94 m Bucket: Without Counterweight: 4,900 kg Shoe: 600 mm <Heavy Lift>)



# GREATER MULTI-FUNCTION CAPABILITIES

## Attachment mode

The flow-rate modes of the bucket, breaker, nibbler, and rotating grapple are set before delivery, which allows you to start operating immediately. Mode settings for other attachments, such as the tilt rotator, can easily be added or changed.



## Adjustment for hydraulic flow

Divide ratio of hydraulic flow can be adjusted by service factory for custom usage.



# EASY MAINTENANCE



**Standard FOPS overhead cab guard**

The standard FOPS guard can be tilted open for easy window cleaning. Meets standard FOPS, Top Guard Level II requirements (ISO 10262).



**Engine maintenance**



**Two-stage air filter**



**Urea tank**

Urea filter cap is placed on the step for easy access.



**Left side (radiator and cooling system elements)**

Laid out for easy access to radiator and cooling system.



**Right side**



**Fuel filter/Pre-filter**



**Engine oil filter**

# DURABILITY YOU CAN TRUST

## Enhanced body rigidity for 20-ton class machines

The SK210LC and SK210NLC machines are widely used in mid-scale construction projects and harsh worksites. The components have been reviewed and improvements have been made to their durability to ensure stable performance in such environments.



### Panels and supports

The right and left side panels and rear supports have been thicker to enhance body rigidity.



### Bucket cylinder rod pin

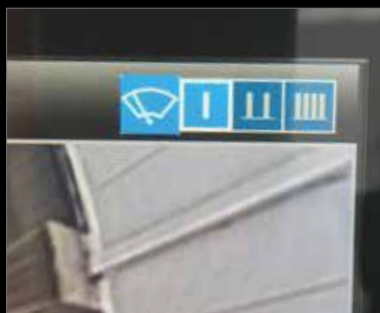
The increased diameter of the bucket cylinder rod pin contributes to enhanced durability for various types of attachments.

# CONVENIENT AND SENSIBLE EQUIPMENT



## Engine start password

A password is required when starting the engine for greater security. The initial password must be set at our workshop.



## Wiper adjustment function

In addition to the intermittent wiper mode and continuous wiper mode, the one-time wiper mode was added.



## Parallel wipers/Roll sun shade



## Console mount

The console-integrated seat allows for comfortable operation.



## DAB + radio (FM/AM & AUX & USB & Bluetooth\* & hands-free telephone)

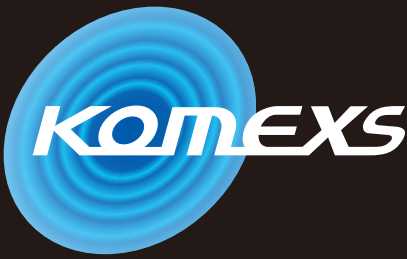


## USB port/12 V power outlet



## Smartphone holder

You can use the holder with your smartphone connected to the USB port.



# KOBELCO MONITORING EXCAVATOR SYSTEM



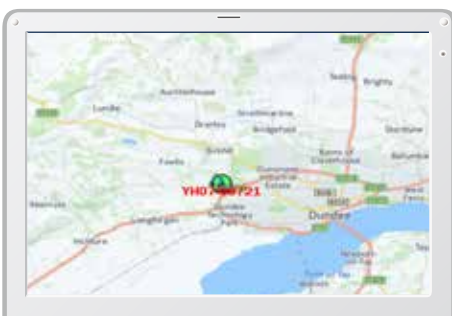
## Remote Monitoring for Peace of Mind

KOMEXS (Kobelco Monitoring Excavator System) uses satellite communication and internet to relay data, and therefore can be deployed in areas where other forms of communication are difficult. When a hydraulic excavator is fitted with this system, data on the machine's operation, such as operating hours, location, fuel consumption, and maintenance status can be obtained remotely.

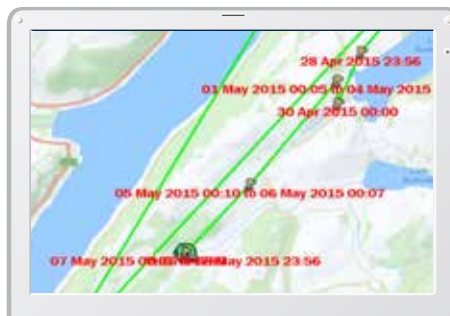
## Direct Access to Operational Status

### Location Data

Accurate location data can be obtained even from sites where communications are difficult.



Latest location



Location records

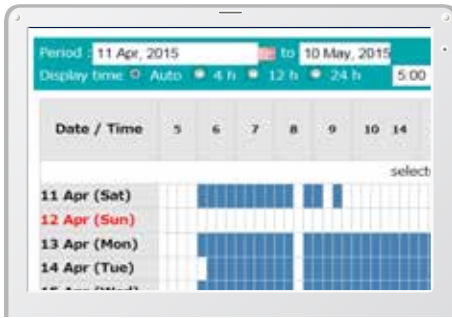
Period	11 Apr, 2015	to	10 May, 2015	Search
Type of Operation	Working Hrs		Ratio	
Total Working Hrs	159 Hrs		100 %	
Digging Hrs	72.2 Hrs		43 %	
Traveling Hrs	18.3 Hrs		11 %	
Idle Hrs	15.9 Hrs		9 %	
Opt Alt Hrs	82.5 Hrs		37 %	
Crane Mode Hrs	0 Hrs		0 %	

Work data



## Operating Hours

- A comparison of operating times of machines at multiple locations shows which locations are busier and more profitable.
- Operating hours on site can be accurately recorded, for running time calculations needed for rental machines, etc.



Daily report

## Fuel Consumption Data

Data on fuel consumption and idling times can be used to indicate improvements in fuel consumption.

Work mode	Working Hrs	Total Fuel Consumption
H mode	2:06	24.5 L
S mode	0:00	0.0 L
E mode	169:19	1489.7 L
<b>TOTAL</b>	<b>171:25</b>	<b>1514.2 L</b>

Fuel consumption

## Graph of Work Content

The graph shows how working hours are divided among different operating categories, including digging, idling, travelling and optional operations.



Work status

## Maintenance Data and Warning Alerts

### Machine Maintenance Data

- Provides maintenance status of separate machines operating at multiple sites.
- Maintenance data is also relayed to KOBELCO service personnel, for more efficient planning of periodic servicing.

Model	Serial No.	Hour Meter	Engine Oil
SK135SRLC-3/SK140SRL	YH07-09721	734 Hr	434
SK135SRLC-3/SK140SRL	YH07-09789	73 Hr	429
SK210LC-9	YQ13-10454	960 Hr	58
SK210LC-9	YQ13-10481	549 Hr	498
SK75SR-	YT08-20374		

Maintenance

### Warning Alerts

This system warns an alert if an anomaly is sensed, preventing damage that could result in machine downtime.

## Alarm Information Can Be Received through E-mail

Alarm information or maintenance notice can be received through E-mail, using a computer or cell phone.



Alarm messages can be received on mobile device.

## Daily/Monthly Reports

Operational data downloaded onto a computer helps in formulating daily and monthly reports.

## Security System

### Engine Start Alarm

The system can be set an alarm if the machine is operated outside designated time.

Engine start alarm outside prescribed work time

### Area Alarm

It can be set an alarm if the machine is moved out of its designated area to another location.

Alarm for outside of reset area

# Specifications

## Engine

Model	J05EVA-KSDA
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
Rated power output	With fan: 119 kW/2,000 min <sup>-1</sup> (ISO 9249)
	Without fan: 124 kW/2,000 min <sup>-1</sup> (ISO 14396)
Max. torque	640 N·m/1,600 min <sup>-1</sup> (ISO 9249)
	660 N·m/1,600 min <sup>-1</sup> (ISO 14396)

## Hydraulic system

Pump	
Type	Two variable displacement pumps + one gear pump
Max. discharge flow	2 x 220 L/min, 1 x 40.6 L/min
Relief valve setting	
Boom, arm and bucket	34.3 MPa {350 kgf/cm <sup>2</sup> }
Power Boost	37.8 MPa {385 kgf/cm <sup>2</sup> }
Travel circuit	34.3 MPa {350 kgf/cm <sup>2</sup> }
Swing circuit	29.0 MPa {296 kgf/cm <sup>2</sup> }
Control circuit	5.0 MPa {50 kgf/cm <sup>2</sup> }
Pilot control pump	Gear type
Main control valve	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 neutral position
Parking brake	Oil disc brake, hydraulic operated automatically
Swing speed	12.7 min <sup>-1</sup>
Swing torque	71.5 kN·m

## Attachments

Backhoe bucket and combination (Reference only)

Type		Backhoe bucket	
Bucket capacity	ISO heaped m <sup>3</sup> (cu yd)	0.70 (0.92)	0.80 (1.05)
Opening width	With side cutter mm	1,080	1,160
	Without side cutter mm	980	1,060
No. of teeth		5	5
Bucket weight	kg	630	660
Combination	2.4 m short arm	○	○
	2.94 m standard arm	○	◎
	3.5 m long arm	◎	△

◎ Standard combination    ○ General operation    △ Light operation

## Travel system

Travel motors	2 x axial-piston, two-step motors
Travel brakes	Hydraulic brake per motor
Parking brakes	Oil disc brake per motor
Travel shoes	49 each side
Travel speed	6.0/3.6 km/h
Drawbar pulling force	228 kN (ISO 7464)
Gradeability	70% {35°}

## Cab & control

Cab	
All-weather, sound-suppressed steel cab mounted on the high suspension mounts filled with silicone oil 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	
Noise levels	
External	100 dB(A) (I2000/14/EC)
Operator	68 dB(A) (ISO 6396)
Vibration levels	
Hand/arm*	≤ 2.5 m/s <sup>2</sup>
Body*	≤ 0.5 m/s <sup>2</sup>

\*For the risk assessment according to 2002/44/EC, refer to ISO/TR 25398: 2006.

## 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	321 L
Cooling system	19 L
Engine oil	20.5 L
Travel reduction gear	2 x 5.3 L
Swing reduction gear	1 x 2.7 L
Hydraulic oil tank	140 L tank oil level
	244 L hydraulic system
DEF/Urea tank	83 L

## Working ranges

Unit: m

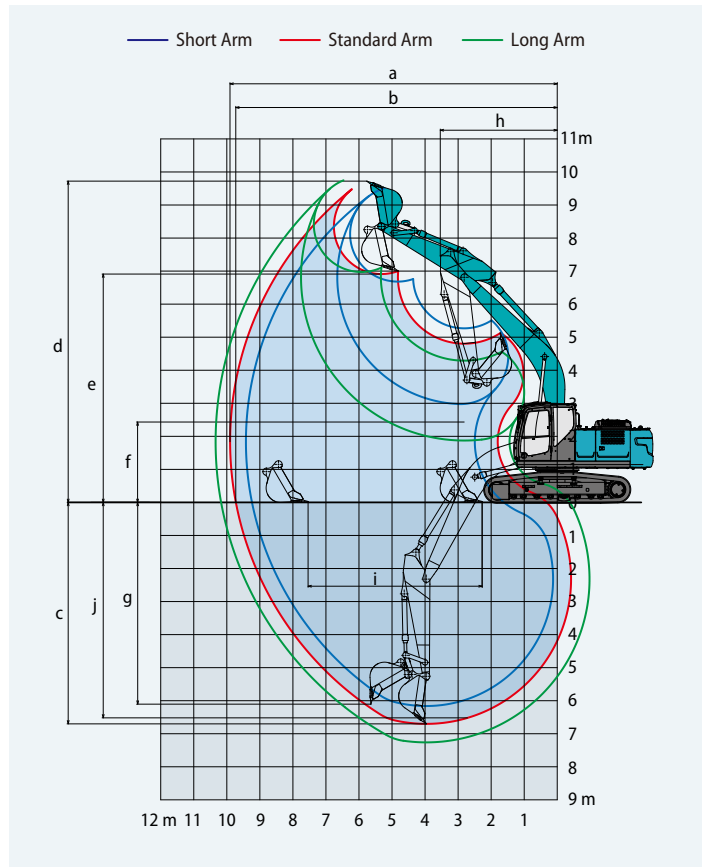
Range	Arm	5.65 m		
		Short 2.4 m	Standard 2.94 m	Long 3.5 m
a- Max. digging reach		9.42	9.90	10.34
b- Max. digging reach at ground level		9.24	9.73	10.17
c- Max. digging depth		6.16	6.70	7.26
d- Max. digging height		9.51	9.72	9.75
e- Max. dumping clearance		6.68	6.91	6.97
f- Min. dumping clearance		2.98	2.43	1.87
g- Max. vertical wall digging depth		5.57	6.10	6.47
h- Min. swing radius		3.56	3.55	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 capacity ISO heaped m <sup>3</sup>		0.93	0.80	0.70

## Digging Force (ISO 6015)

Unit: kN

Arm length	Short 2.4 m	Standard 2.94 m	Long 3.5 m
Bucket digging force	143 157*	143 157*	143 157*
Arm crowding force	121 133*	102 112*	91.8 101*

\*Power Boost engaged.



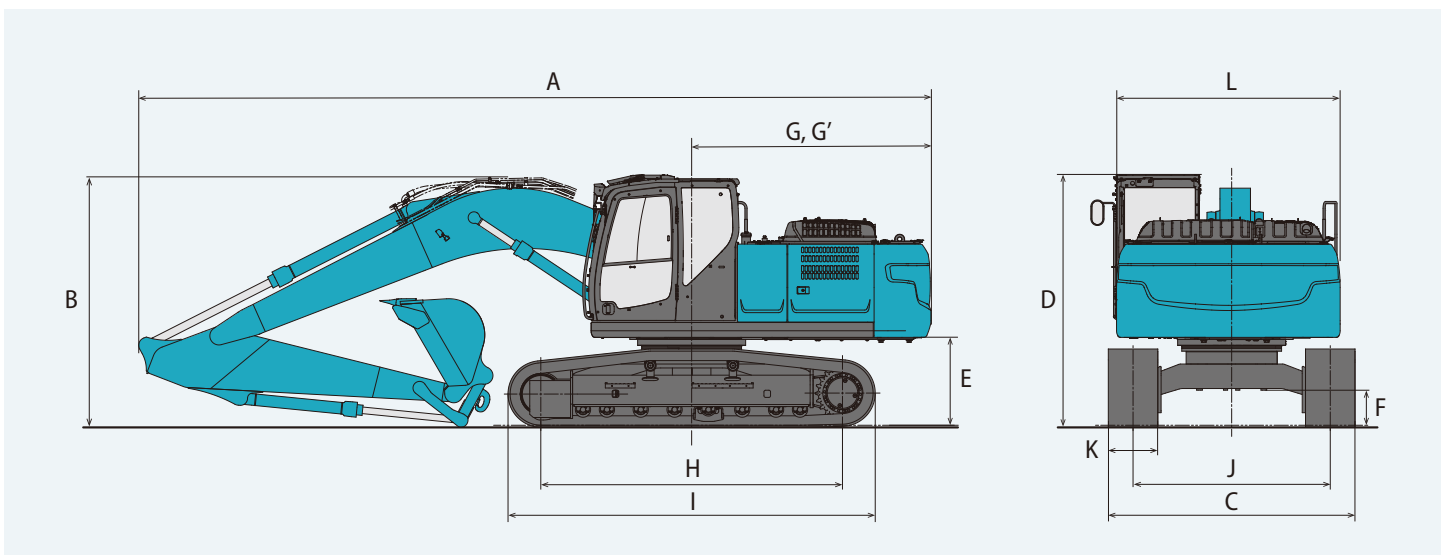
## Dimensions

Arm length	Short 2.4 m	Standard 2.94 m	Long 3.5 m
A Overall length	9,680	9,600	9,670
B Overall height (to top of boom)	3,200	3,030	3,210
C Overall width of crawler	SK210LC	2,990	
	SK210NLC	2,800	
D Overall height (to top of cab)	3,060		
E Ground clearance of rear end*	1,060		
F Ground clearance*	425		
G Tail swing radius	2,910		

Unit: mm

G'	Distance from centre of swing to rear end	2,900
H	Tumbler distance	3,660
I	Overall length of crawler	4,450
J Track gauge	SK210LC	2,390
	SK210NLC	2,200
K	Shoe width	600
L	Overall width of upperstructure	2,710

\*Without including height of shoe



# Operating weight & ground pressure

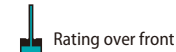
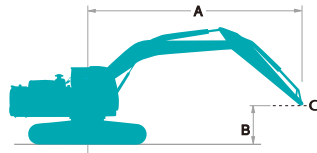
In standard trim, with standard boom, 2.94 m arm, and 0.8 m<sup>3</sup> ISO heaped bucket

Shaped			Triple grouser shoes (even height)			
Shoe width	mm		600	700	790	900
Overall width of crawler	SK210LC	mm	2,990	3,090	3,180	3,290
	SK210NLC	mm	2,800	2,900	2,990	—
Ground pressure	SK210LC	kPa	45	40	36	32
	SK210NLC	kPa	45	40	35	—
Operating weight	SK210LC	kg	21,900	22,400	22,600	22,900
	SK210NLC	kg	21,900	22,300	22,500	—

In standard trim, with standard boom, 2.94 m arm, and 0.8 m<sup>3</sup> ISO heaped bucket (optional counterweight 4,900 kg)

Shaped			Triple grouser shoes (even height)			
Shoe width	mm		600	700	790	900
Overall width of crawler	SK210LC	mm	2,990	3,090	3,180	3,290
	SK210NLC	mm	2,800	2,900	2,990	—
Ground pressure	SK210LC	kPa	47	41	37	33
	SK210NLC	kPa	47	41	36	—
Operating weight	SK210LC	kg	22,500	23,000	23,200	23,500
	SK210NLC	kg	22,500	22,900	23,100	—

## Lift capacities



Rating over front



Rating over side or 360 degrees

A - Reach from swing centerline to arm top

B - Arm top height above/below ground

C - Lift point

Relief valve setting: 34.3 MPa

SK210LC		Boom: 5.65 m		Arm: 2.94 m		Bucket: without		Counterweight: 4,300 kg		Shoe: 600 mm (Heavy Lift)							
B	A	1.5 m		3.0 m		4.5 m		6.0 m		7.5 m		At max. reach		Radius			
7.5 m	kg								*5,300	*5,300			*4,270	*4,270	6.26 m		
6.0 m	kg								*5,880	5,480			*3,940	3,850	7.36 m		
4.5 m	kg								*6,420	5,280	5,680	3,680	*3,860	3,270	8.03 m		
3.0 m	kg								*9,360	7,670	*7,270	5,000	5,540	3,560	*3,930	2,980	8.38 m
1.5 m	kg								*11,040	7,100	7,570	4,720	5,400	3,430	*4,170	2,870	8.45 m
G.L.	kg																
-1.5 m	kg	*6,700	*6,700	*6,330	*6,330	11,660	6,790	7,360	4,530	5,290	3,330	*4,600	2,920	8.25 m			
-3.0 m	kg	*11,730	*11,730	*14,650	13,240	*10,550	6,780	7,320	4,510					6,010	3,770	6.89 m	
-4.5 m	kg			*10,860	*10,860	*7,950	7,050							*5,980	5,330	5.50 m	

SK210LC		Boom: 5.65 m		Arm: 3.50 m		Bucket: without		Counterweight: 4,300 kg		Shoe: 600 mm (Heavy Lift)									
B	A	1.5 m		3.0 m		4.5 m		6.0 m		7.5 m		At max. reach		Radius					
7.5 m	kg													*3,640	*3,640	6.84 m			
6.0 m	kg													*3,430	*3,430	7.86 m			
4.5 m	kg								*5,840	5,350	*5,440	3,710	*3,400	2,970	8.49 m				
3.0 m	kg								*6,750	5,050	5,550	3,560	*3,490	2,720	8.82 m				
1.5 m	kg								*7,240	*7,240	*10,380	7,190	7,600	4,740	5,380	3,410	*3,710	2,610	8.89 m
G.L.	kg								*7,730	*7,730	*11,520	6,770	7,330	4,500	5,240	3,280	*4,110	2,650	8.70 m
-1.5 m	kg	*6,570	*6,570	*10,960	*10,960	11,470	6,610	7,190	4,380	5,170	3,220	4,540	2,840	8.22 m					
-3.0 m	kg	*10,480	*10,480	*15,820	12,950	*11,000	6,630	7,190	4,380			5,290	3,300	7.42 m					
-4.5 m	kg	*15,580	*15,580	*12,690	*12,690	*9,090	6,820	*6,410	4,540					*6,100	4,390	6.16 m			













SK210NLC		Boom: 5.65 m Arm: 2.94 m Bucket: without Counterweight: 4,300 kg Shoe: 600 mm (Heavy Lift)												
B	A	1.5 m		3.0 m		4.5 m		6.0 m		7.5 m		At max. reach		Radius
7.5 m	kg							*5,300	5,060			*4,270	*4,270	6.26 m
6.0 m	kg							*5,880	5,050			*3,940	3,540	7.36 m
4.5 m	kg							*6,420	4,850	5,670	3,380	*3,860	2,990	8.03 m
3.0 m	kg					*9,360	6,980	*7,270	4,580	5,530	3,260	*3,930	2,720	8.38 m
1.5 m	kg					*11,040	6,420	7,560	4,310	5,390	3,130	*4,170	2,620	8.45 m
G.L.	kg			*6,330	*6,330	11,630	6,120	7,340	4,120	5,280	3,030	*4,600	2,660	8.25 m
-1.5 m	kg	*6,700	*6,700	*11,060	*11,060	11,530	6,040	7,250	4,040	5,250	3,010	5,020	2,890	7.75 m
-3.0 m	kg	*11,730	*11,730	*14,650	11,700	*10,550	6,120	7,310	4,090			6,000	3,440	6.89 m
-4.5 m	kg			*10,860	*10,860	*7,950	6,370					*5,980	4,850	5.50 m

SK210NLC		Boom: 5.65 m Arm: 3.50 m Bucket: without Counterweight: 4,300 kg Shoe: 600 mm (Heavy Lift)												
B	A	1.5 m		3.0 m		4.5 m		6.0 m		7.5 m		At max. reach		Radius
7.5 m	kg											*3,640	*3,640	6.84 m
6.0 m	kg									*4,540	3,480	*3,430	3,180	7.86 m
4.5 m	kg							*5,480	4,920	*5,440	3,400	*3,400	2,720	8.49 m
3.0 m	kg			*12,860	*12,860	*8,480	7,140	*6,750	4,620	5,540	3,260	*3,490	2,480	8.82 m
1.5 m	kg			*7,240	*7,240	*10,380	6,510	7,580	4,320	5,370	3,110	*3,710	2,380	8.89 m
G.L.	kg			*7,730	*7,730	*11,520	6,110	7,310	4,090	5,230	2,980	*4,110	2,400	8.70 m
-1.5 m	kg	*6,570	*6,570	*10,960	*10,960	11,440	5,950	7,180	3,970	5,160	2,920	4,530	2,580	8.22 m
-3.0 m	kg	*10,480	*10,480	*15,820	11,410	*11,000	5,970	7,170	3,970			5,280	3,000	7.42 m
-4.5 m	kg	*15,580	*15,580	*12,690	11,780	*9,090	6,150	*6,410	4,130			*6,100	3,990	6.16 m

SK210NLC		Boom: 5.65 m Arm: 2.40 m Bucket: without Counterweight: 4,300 kg Shoe: 600 mm (Heavy Lift)												
B	A	3.0 m		4.5 m		6.0 m		7.5 m		At max. reach		Radius		
7.5 m	kg											*6,320	5,550	5.58 m
6.0 m	kg					*6,470	4,960					*5,760	3,990	6.80 m
4.5 m	kg			*8,260	7,430	*6,930	4,780	5,600	3,330	5,570	3,310	5,570	3,310	7.52 m
3.0 m	kg			*10,100	6,810	*7,700	4,520	5,510	3,250	5,070	2,990	5,070	2,990	7.89 m
1.5 m	kg			*11,520	6,320	7,520	4,280	5,390	3,140	4,920	2,870	4,920	2,870	7.97 m
G.L.	kg			11,610	6,110	7,350	4,130	5,310	3,070	5,070	2,940	5,070	2,940	7.75 m
-1.5 m	kg	*11,440	*11,440	*11,390	6,100	7,310	4,100	5,200	3,140	5,070	2,940	5,070	2,940	7.75 m
-3.0 m	kg	*13,150	11,920	*9,880	6,240	*7,190	4,210			5,620	3,240	5,620	3,240	7.22 m
-4.5 m	kg			*6,230	*6,230					*5,690	*5,690	*5,690	*5,690	4.72 m

SK210NLC		Boom: 5.65 m Arm: 2.94 m Bucket: without Counterweight: 4,900 kg Shoe: 600 mm (Heavy Lift)												
B	A	1.5 m		3.0 m		4.5 m		6.0 m		7.5 m		At max. reach		Radius
7.5 m	kg							*5,300	*5,300			*4,270	*4,270	6.26 m
6.0 m	kg							*5,880	5,390			*3,940	3,810	7.36 m
4.5 m	kg							*6,420	5,200	*5,910	3,650	*3,860	3,240	8.03 m
3.0 m	kg					*9,360	7,480	*7,270	4,920	5,880	3,530	*3,930	2,950	8.38 m
1.5 m	kg					*11,040	6,920	8,020	4,650	5,730	3,390	*4,170	2,840	8.45 m
G.L.	kg			*6,330	*6,330	*11,820	6,620	7,810	4,470	5,620	3,300	*4,600	2,900	8.25 m
-1.5 m	kg	*6,700	*6,700	*11,060	*11,060	*11,650	6,540	7,720	4,390	5,600	3,270	5,350	3,140	7.75 m
-3.0 m	kg	*11,730	*11,730	*14,650	12,610	*10,550	6,620	7,780	4,440			*6,330	3,730	6.89 m
-4.5 m	kg			*10,860	*10,860	*7,950	6,870					*5,980	5,230	5.50 m

SK210NLC		Boom: 5.65 m Arm: 3.50 m Bucket: without Counterweight: 4,900 kg Shoe: 600 mm (Heavy Lift)												
B	A	1.5 m		3.0 m		4.5 m		6.0 m		7.5 m		At max. reach		Radius
7.5 m	kg											*3,640	*3,640	6.84 m
6.0 m	kg									*4,540	3,740	*3,430	3,430	7.86 m
4.5 m	kg							*5,840	5,260	*5,440	3,670	*3,400	2,950	8.49 m
3.0 m	kg			*12,860	*12,860	*8,480	7,640	*6,750	4,970	*5,860	3,520	*3,490	2,700	8.82 m
1.5 m	kg			*7,240	*7,240	*10,380	7,010	*7,700	4,660	5,710	3,370	*3,710	2,590	8.89 m
G.L.	kg			*7,730	*7,730	*11,520	6,610	7,780	4,430	5,570	3,240	*4,110	2,620	8.70 m
-1.5 m	kg	*6,570	*6,570	*10,960	*10,960	*11,710	6,450	7,640	4,310	5,500	3,180	*4,820	2,810	8.22 m
-3.0 m	kg	*10,480	*10,480	*15,820	12,330	*11,000	6,470	7,640	4,310			5,620	3,260	7.42 m
-4.5 m	kg	*15,580	*15,580	*12,690	*12,690	*9,090	6,650	*6,410	4,470			*6,100	4,320	6.16 m

SK210NLC		Boom: 5.65 m Arm: 2.40 m Bucket: without Counterweight: 4,900 kg Shoe: 600 mm (Heavy Lift)										
B	A	3.0 m		4.5 m		6.0 m		7.5 m		At max. reach		Radius
												
7.5 m	kg											5.58 m
6.0 m	kg					*6,470	5,300					6.80 m
4.5 m	kg			*8,260	7,930	*6,930	5,130	*5,850	3,600			7.52 m
3.0 m	kg			*10,100	7,310	*7,700	4,870	5,850	3,510	5,400	3,240	7.89 m
1.5 m	kg			*11,520	6,820	7,990	4,630	5,730	3,400	5,240	3,120	7.97 m
G.L.	kg			*11,920	6,620	7,810	4,480	5,660	3,330	5,400	3,200	7.75 m
-1.5 m	kg	*11,440	*11,440	*11,390	6,600	7,780	4,440			5,980	3,520	7.22 m
-3.0 m	kg	*13,150	12,830	*9,880	6,740	*7,190	4,560			*6,580	4,310	6.29 m
-4.5 m	kg			*6,230	*6,230					*5,690	*5,690	4.72 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.
3. Arm top defined as lift point.
4. The above lift capacities are in compliance with ISO 10567. They do not exceed 87% of hydraulic lift

capacity or 75% of tipping load. Lift 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.
6. Lift capacities apply to only machine as originally manufactured and normally equipped by KOBELCO CONSTRUCTION MACHINERY CO., LTD.

# Standard and Optional Equipment

● = Std ○ = Opt - = N/A

Category	Description	SK210(N)LC-11	
		LC	NLC
CAB	Cab (ROPS) (ISO 12117-2: 2008)		●
	Top guard (OPG Level II) (ISO 10262: 1998)		●
FRONT GUARD	Front guard (OPG Level II)		○
SEAT	Air suspension seat + heater		●
SHOE	600 mm steel shoe		●
	700 mm steel shoe		○
	790 mm steel shoe		○
	900 mm steel shoe	○	-
BOOM	Standard boom (5.65 m) with two LED lights		●
	2 piece boom with two LED lights		○
ARM	Standard arm (2.94 m) with rock guard & MB brackets		●
	Short arm (2.40 m) with rock guard		○
	Long arm (3.50 m) with rock guard & MB brackets		○
PIPING	E&N&B piping + OHK + QH piping		●
	E&N&B piping + OHK + QH piping + bigger capacity P4 pump (89.4 L/min)		○
	Standard piping (Less E&N&B, Less OHK, Less QH piping)	○	-
CONTROL SYSTEM	Proportional Hand Control (for E&N&B piping)		●
C/W	Standard C/W (total 4,300 kg)		●
	Heavier C/W (total 4,900 kg)		○
OTHER	Cab top LED work lights (two lights)		○
	Rain visor		○
	Sun screen		○
	Additional track guides (two additional per side)		○
	Travel alarm		○
	Extended guard rail		○
	Hydraulic oil VG46		○
	Hydraulic oil VG68		○
	RAL color		○
	BASE MACHINE EQUIPMENT	MB brackets on upper frame, C/W, boom and arm (only for standard boom spec, not available for 2PB and LR)	
Base machine hydraulic oil VG32			●
Air conditioner			●
DAB + radio (FM/AM & AUX & USB & Bluetooth* & hands-free telephone)			●
Harness for CAB four lights and CAB yellow flasher			●
Harness for engine room light			●
Eagle eye view camera (rear, right and left)			●
Refueling pump			●
Lower frame guard			●
Track guide (one per side)			●
KOMEXS			●
Bucket less			●

\*The air conditioning system on this machine contains fluorinated greenhouse gas HFC-134a (GWP 1430). Quantity of gas 0.9 kg (CO<sub>2</sub> equivalent 1.3 t).  
Note: Bluetooth\* is a registered trademark of the Bluetooth SIG Inc.

Note: This catalogue 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.  
Specialist equipment is needed to use this machine in demolition work. Before using it please contact your KOBELCO dealer.  
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