KOBELCO

SK210LC-11E/ SK210NLC-11E/SK210SNLC-11E

Performance X Design

SK210LC
SK210NLC
SK210SNLC

- **Bucket capacity:**
  0.45 – 0.80 m^3
- **Engine power:**
  127 kW / 2,000 min^{-1}
- **Operating weight:**
  22,100 – 24,600 kg

Complies with the EU Stage V exhaust emission regulation

Built for Perfectionists™

Performance X Design

SK210LC/SK210NLC/SK210SNLC 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.


KOBELCO
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SK210LC

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.


LOCK
OFF HOOK
SRC
REDIAL
DAB
LIST UPDT
MODE
ENTER
PTY
A.PRESET
DOWN
UP


KOBELCO

UNFORGETTABLE COMFORT

Air suspension seat with heating

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

*GRAMMER is trademark of GRAMMER AG. registered in Germany and other countries.

Air-conditioner

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

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.

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.

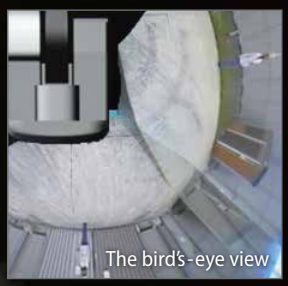
Parallel wipers secure a wide field of view


KOBELCO
04:33
SETTING MENU
PICTURE OF CAMERA
CLOCK SETTING
SCREEN BRIGHTNESS
MAINTENANCE
CONSUMPTION
LANGUAGE SELECTION
PRESSURE RELEASE
PR
E
F
E
F
mode
AUTO
n/min

SAFETY ON FULL DISPLAY

Standard 3 Sides Safety Camera System

Our high-resolution, large display shows right, left and rear side cameras together. Multiple display allows the operator to customize viewing needs to enhance operator awareness and jobsite safety.



Eagle Eye View

Large 10-Inch Color Monitor

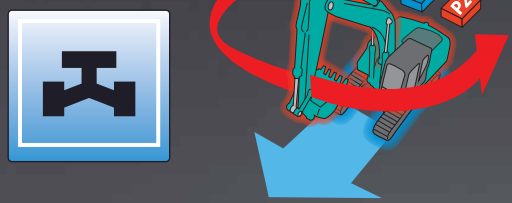
The easy-to-operate menu screen and recognizable icons assist the operator to select the most important information needed to ensure jobsite safety and machine control.

Dial in the Right Information

Simply turn the jog dial to the right or left to select an operational feature, then press the dial to confirm selection.

Independent Travel

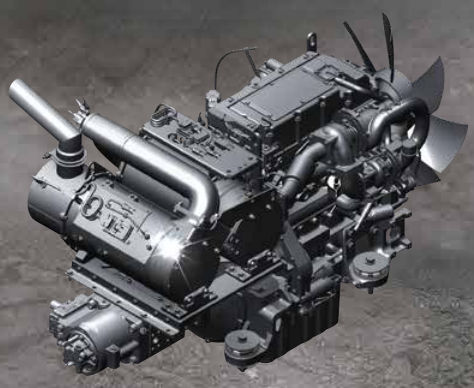
Selecting Independent Travel dedicates one hydraulic pump to travel and one to the attachment on a continuous basis, allowing for a smooth and constant movement speed even while swinging or using the boom or attachment. With Independent Travel, safely carrying a large pipe across a job site is a breeze.



EXPERIENCING A COMPETENT PERFORMANCE

Higher Efficiency, plus a EU Stage V Compliant Engine

The new SK210LC/NLC/SNLC is equipped with a Yanmar Stage V compliant engine, which has a higher torque value. Superior balance between engine output and torque contributes to more efficient performance than the previous models.
In addition, the DPF replacement interval has been extended.



Model:YANMAR 4TN107FTT

Engine output

127 kW / 2,000 min^{-1}

Max. bucket digging force (Arm 2.94 m)

Normal: 143 kN

With Power Boost: 157 kN

Lift capacity

11,820 kg

(Reach: 4.50 m Boom: 5.65 m Arm: 2.94 m Bucket: Without Counterweight: 4,800 kg Shoe: 600 mm <Heavy Lift>)

GREATER MULTI-FUNCTION CAPABILITIES

Attachment mode

The flow rate and working pressure 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.

EASY MAINTENANCE

Standard Overhead Top Guard Level II

The standard overhead cab guard can be tilted open with gas damper for easy window cleaning. Meets standard top guard level II requirements. (ISO 10262)

Engine Maintenance

Lower service platform makes engine service easier.

Two-Stage Air Filter

DEF/AdBlue® Tank

The DEF/AdBlue® fill is located inside the locking tool box.

Left Side (Radiator and Cooling System Elements)

Laid out for easy access to radiator and cooling system with clean out screen.

Right Side (Ground Level Maintenance)

Hydraulic pump and engine filter compartment.

Fuel Filter / Pre-Filter with Integrated Water Separator

Engine Oil Filter

Note: AdBlue® is a registered trademark of the Verband der Automobilindustrie e.V. (VDA).

DURABILITY YOU CAN TRUST

Enhanced body rigidity for 20-ton class machines

The SK210LC, SK210NLC and SK210SNLC 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/Sun screen

Console mount

The console-integrated seat allows for comfortable operation.

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

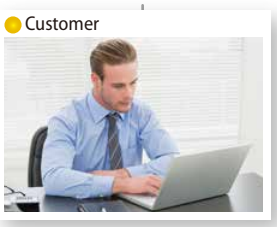
USB port/12 V power supply

Smartphone holder

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

Note: Bluetooth® is a registered trademark of the Bluetooth SIG Inc.

KOMEXS KOBELCO MONITORING EXCAVATOR SYSTEM


Customer


KOBELCO office


KOBELCO service personnel

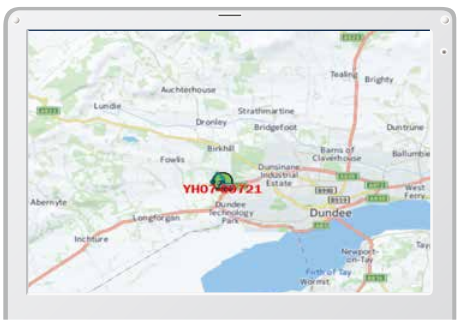
Remote Monitoring for Peace of Mind

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.

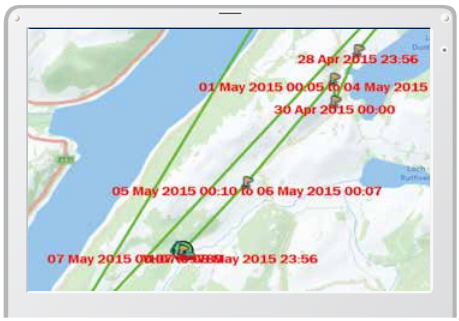
Direct Access to Operational Status

Location Data

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



Latest location



Location records

Work data

Operating Hours

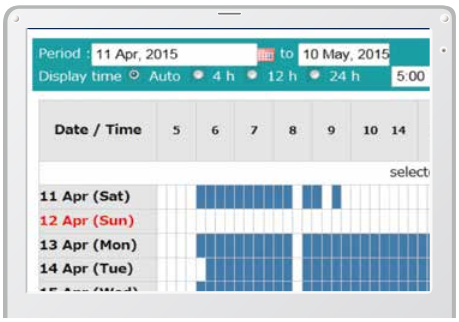
- A comparison of operating times of machines at multiple locations shows which locations are busier and more profitable.
- Operating hours on site can be accurately recorded, for running time calculations needed for rental machines, etc.

Fuel Consumption Data

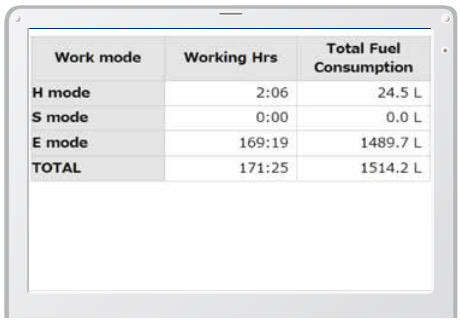
Data on fuel consumption and idling times can be used to indicate improvements in fuel consumption.

Graph of Work Content

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

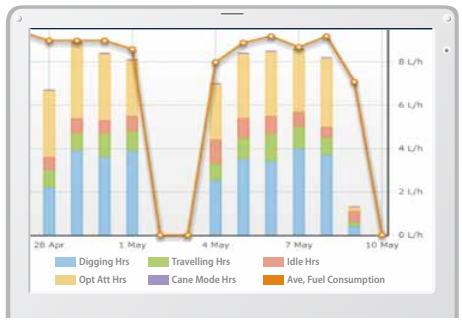


Daily report



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
TOTAL	171:25	1514.2 L

Fuel consumption

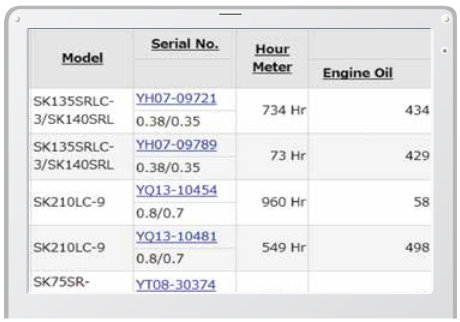


Work status

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 0.38/0.35	734 Hr	434
SK135SRLC-3/SK140SRL	YH07-09789 0.38/0.35	73 Hr	429
SK210LC-9	YQ13-10454 0.8/0.7	960 Hr	58
SK210LC-9	YQ13-10481 0.8/0.7	549 Hr	498
SK75SR-	YT08-30374		

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.

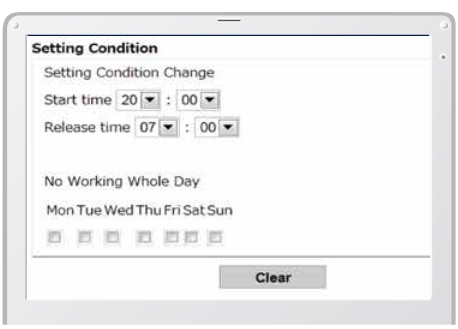
Daily/Monthly Reports

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

Security System

Engine Start Alarm

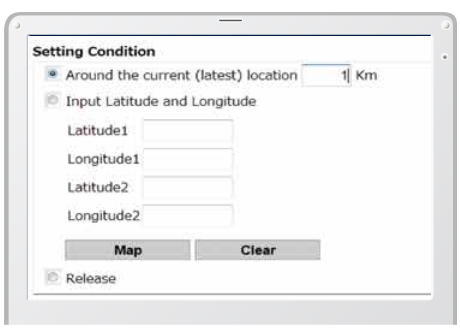
The system can be set an alarm if the machine is operated outside designated time.



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	YANMAR 4TN107FTT
Type	Direct Injection, water-cooled, 4 cycle diesel engine with turbocharger, intercooler, EU Stage V compliant
No. of cylinders	4
Bore and stroke	107 mm x 127 mm
Displacement	4.567 L
Rated power output	122 kW / 2,000 min^{-1} (ISO 9249 : with fan)
	127 kW / 2,000 min^{1} (ISO 14396: without fan)
Max. torque	791 N•m / 1,500 min^{-1} (ISO 9249: with fan)
	805 N•m / 1,500 min^{-1} (ISO 14396: without fan)

Hydraulic system

Pump	
Type	Axial piston pumps + extra gear pump + pilot gear pump
Max. discharge flow	2 x 220 L /min, 1 x 40.6 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 valve	8-spool
Oil cooler	Air cooled type

*Not available for Long Reach

Swing system

Swing motor	One fixed displacement 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^{-1}
Swing torque	71.5 kN•m

Travel system

Travel motors	2 × 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 (SAE)
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	103 dB(A) (2000/14/EC)
Operator	71 dB (A) (ISO 6396)
Vibration levels	
Hand/arm*	≤ 2.5 m/s^2
Body*	≤ 0.5 m/s^2

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

Boom, arm & bucket

Boom cylinders	120 mm × 1,355 mm
Arm cylinder (Long Reach)	135 mm × 1,558 mm (135 mm × 1,489 mm)
Bucket cylinder (Long Reach)	120 mm × 1,080 mm (95 mm × 885 mm)
Jib cylinder*	150 mm × 992 mm

*For 2 Piece Boom only

Refilling capacities & lubrications

Fuel tank		321 L
Cooling system		23 L
Engine oil		20 L
Travel reduction gear		2 × 4.5 L
Swing reduction gear		1 × 2.7 L
Hydraulic oil tank		140 L tank oil level
		244 L hydraulic system
DEF/ Urea tank	SK210LC/NLC	83 L
	SK210SNLC	34 L

Attachments

Backhoe bucket and combination.

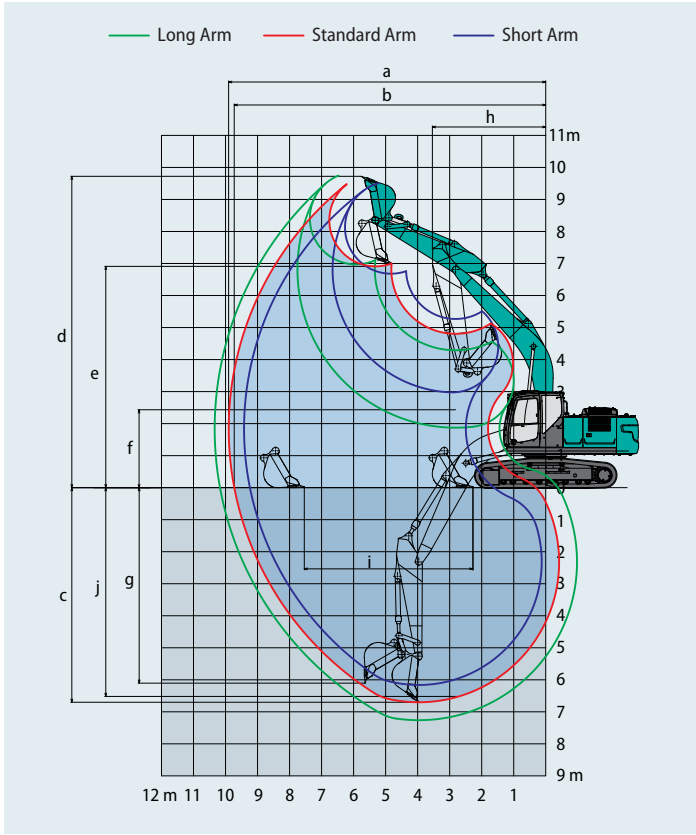
Use			Backhoe bucket		
			Normal digging		
Bucket capacity	ISO heaped	m^3	0.45	0.70	0.80
Opening width	With side cutter	mm	910	1,080	1,160
	Without side cutter	mm	815	980	1,140
No. of teeth			5	5	5
Bucket weight		kg	360	630	660
Combination	2.40 m short arm		—	○	○
	2.94 m standard arm		—	○	◎
	3.50 m long arm		—	◎	△
	6.35 m arm (Long Reach)		◎	—	—

◎ Standard ○ Recommended △ Loading only

Working ranges

Unit: mm

Boom	5.65 m		
Arm / Range	Short 2.40 m	Standard 2.94 m	Long 3.50 m
a- Max. digging reach	9,420	9,900	10,340
b- Max. digging reach at ground level	9,240	9,730	10,170
c- Max. digging depth	6,160	6,700	7,260
d- Max. digging height	9,510	9,720	9,750
e- Max. dumping clearance	6,680	6,910	6,970
f- Min. dumping clearance	2,980	2,430	1,870
g- Max. vertical wall digging depth	5,570	6,100	6,470
h- Min. swing radius	3,560	3,550	3,480
i- Horizontal digging stroke at ground level	4,080	5,270	6,080
j- Digging depth for 2.4 m (8') flat bottom	5,950	6,520	7,080
Bucket capacity ISO heaped m^3	0,93	0,80	0,70



Digging Force (ISO 6015)

Unit: kN

Arm length	Short 2.40 m	Standard 2.94 m	Long 3.50 m
Bucket digging force	143 157*	143 157*	143 157*
Arm crowding force	121 133*	102 112*	91.8 101*

*Power Boost engaged.

Dimensions (SK210LC/SK210NLC)

Unit: mm

Arm length			Short 2.40 m	Standard 2.94 m	Long 3.50 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		
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		

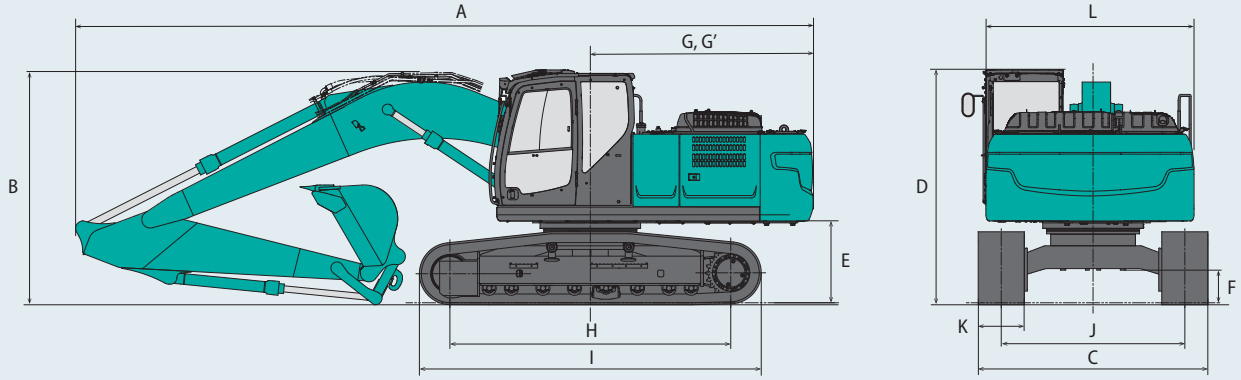
*Without including height of shoe

Dimensions (SK210SNLC)

Unit: mm

Arm length		Short 2.40 m	Standard 2.94 m
A	Overall length	9,580	9,500
B	Overall height (to top of boom)	3,200	3,030
C	Overall width of crawler	2,540	
D	Overall height (to top of cab)	3,060	
E	Ground clearance of rear end*	1,050	
F	Ground clearance*	425	
G	Tail swing radius	2,800	
G'	Distance from centre of swing to rear end	2,800	
H	Tumbler distance	3,660	
I	Overall length of crawler	4,450	
J	Track gauge	2,040	
K	Shoe width	500	
L	Overall width of upperstructure	2,540	

*Without including height of shoe



Operating weight & ground pressure

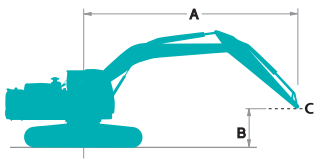
In standard trim, with standard boom, 2.94 m arm, and 0.8 m³ ISO heaped bucket.

Shaped			Triple grouser shoes (even height)				
Shoe width		mm	500	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	—
	SK210SNLC	mm	2,540	2,640	—	—	—
Ground pressure	SK210LC	kPa	—	46	40	36	32
	SK210NLC	kPa	—	46	40	36	—
	SK210SNLC	kPa	56	47	—	—	—
Operating weight	SK210LC	kg	—	22,100	22,500	22,700	23,100
	SK210NLC	kg	—	22,000	22,500	22,700	—
	SK210SNLC	kg	22,500	22,700	—	—	—

In standard trim, with standard boom, 2.94 m arm, and 0.8 m³ ISO heaped bucket (optional counterweight 4,800 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	37	—
Operating weight	SK210LC	kg	22,600	23,100	23,300	23,600
	SK210NLC	kg	22,500	23,000	23,200	—

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: 37.8 MPa (385 kgf/cm²)

SK210LC	Boom: 5.65 m	Arm: 2.94 m	Bucket: without	Counterweight: 4,300 kg	Shoe: 600 mm (Heavy Lift)									
A / B	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			*6,330	*6,330	11,660	6,790	7,360	4,530	5,290	3,330	*4,600	2,920	8.25 m
–1.5 m	kg	*6,700	*6,700	*11,060	*11,060	11,560	6,700	7,270	4,460	5,260	3,310	5,030	3,170	7.75 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)									
A / B	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	3,790	*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			*12,860	*12,860	*8,480	7,840	*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

SK210LC SK210NLC SK210SNLC

SK210LC-11E SK210NLC-11E SK210SNLC-11E

SK210LC	Boom: 5.65 m	Arm: 2.40 m	Bucket: without	Counterweight: 4,300 kg	Shoe: 600 mm (Heavy Lift)									
A / B	3.0 m		4.5 m		6.0 m		7.5 m		At max. reach		Radius			
7.5 m	kg									*6,320	6,030	5.58 m		
6.0 m	kg					*6,470	5,380			*5,760	4,340	6.80 m		
4.5 m	kg			*8,260	8,130	*6,930	5,210	5,620	3,630	5,590	3,610	7.52 m		
3.0 m	kg			*10,100	7,490	*7,700	4,940	5,520	3,540	5,090	3,270	7.89 m		
1.5 m	kg			*11,520	6,990	7,530	4,700	5,400	3,440	4,940	3,150	7.97 m		
G.L.	kg			11,640	6,780	7,360	4,540	5,330	3,370	5,090	3,230	7.75 m		
−1.5 m	kg	*11,440	*11,440	*11,390	6,760	7,320	4,510			5,630	3,560	7.22 m		
−3.0 m	kg	*13,150	*13,150	*9,880	6,900	*7,190	4,630			*6,580	4,370	6.29 m		
−4.5 m	kg			*6,230	*6,230					*5,690	*5,690	4.72 m		

SK210LC	Boom: 5.65 m	Arm: 2.94 m	Bucket: without	Counterweight: 4,800 kg	Shoe: 600 mm (Heavy Lift)									
A / B	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	5,840			*3,940	*3,940	7.36 m
4.5 m	kg							*6,420	5,640	*5,910	3,960	*3,860	3,520	8.03 m
3.0 m	kg					*9,360	8,200	*7,270	5,360	5,890	3,840	*3,930	3,210	8.38 m
1.5 m	kg					*11,040	7,620	8,040	5,090	5,740	3,700	*4,170	3,110	8.45 m
G.L.	kg			*6,330	*6,330	*11,820	7,310	7,820	4,890	5,630	3,600	*4,600	3,170	8.25 m
−1.5 m	kg	*6,700	*6,700	*11,060	*11,060	*11,650	7,230	7,740	4,820	5,610	3,580	5,360	3,440	7.75 m
−3.0 m	kg	*11,730	*11,730	*14,650	14,230	*10,550	7,310	7,790	4,870			*6,330	4,080	6.89 m
−4.5 m	kg			*10,860	*10,860	*7,950	7,570					*5,980	5,730	5.50 m

SK210LC	Boom: 5.65 m	Arm: 3.50 m	Bucket: without	Counterweight: 4,800 kg	Shoe: 600 mm (Heavy Lift)									
A / B	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	4,060	*3,430	*3,430	7.86 m
4.5 m	kg							*5,840	5,710	*5,440	3,980	*3,400	3,210	8.49 m
3.0 m	kg			*12,860	*12,860	*8,480	8,370	*6,750	5,410	*5,860	3,840	*3,490	2,940	8.82 m
1.5 m	kg			*7,240	*7,240	*10,380	7,720	*7,700	5,100	5,720	3,680	*3,710	2,840	8.89 m
G.L.	kg			*7,730	*7,730	*11,520	7,300	7,800	4,860	5,590	3,550	*4,110	2,880	8.70 m
−1.5 m	kg	*6,570	*6,570	*10,960	*10,960	*11,710	7,140	7,660	4,740	5,200	3,490	*4,820	3,080	8.22 m
−3.0 m	kg	*10,480	*10,480	*15,820	13,940	*11,000	7,160	7,660	4,740			5,640	3,580	7.42 m
−4.5 m	kg	*15,580	*15,580	*12,690	*12,690	*9,090	7,350	*6,410	4,900			*6,100	4,740	6.16 m

SK210LC	Boom: 5.65 m	Arm: 2.40 m	Bucket: without	Counterweight: 4,800 kg	Shoe: 600 mm (Heavy Lift)									
A / B	3.0 m		4.5 m		6.0 m		7.5 m		At max. reach		Radius			
7.5 m	kg									*6,320	*6,320	5.58 m		
6.0 m	kg					*6,470	5,740			*5,760	4,650	6.80 m		
4.5 m	kg			*8,260	*8,260	*6,930	5,570	*5,850	3,910	*5,610	3,880	7.52 m		
3.0 m	kg			*10,100	8,020	*7,700	5,300	5,860	3,820	5,410	3,520	7.89 m		
1.5 m	kg			*11,520	7,520	8,000	5,060	5,740	3,710	5,250	3,400	7.97 m		
G.L.	kg			*11,920	7,310	7,830	4,900	5,670	3,640	5,420	3,490	7.75 m		
−1.5 m	kg	*11,440	*11,440	*11,390	7,290	7,790	4,870			6,000	3,840	7.22 m		
−3.0 m	kg	*13,150	*13,150	*9,880	7,430	*7,190	4,990			*6,580	4,710	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.

SK210NLC		Boom: 5.65 m Arm: 2.94 m Bucket: without Counterweight: 4,300 kg Shoe: 600 mm (Heavy Lift)												
A / B		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)												
A / B		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)										
A / B		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	7.52 m
3.0 m	kg			*10,100	6,810	*7,700	4,520	5,510	3,250	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	7.97 m
G.L.	kg			11,610	6,110	7,350	4,130	5,310	3,070	5,070	2,940	7.75 m
–1.5 m	kg	*11,440	*11,440	*11,390	6,100	7,310	4,100			5,620	3,240	7.22 m
–3.0 m	kg	*13,150	11,920	*9,880	6,240	*7,190	4,210			*6,580	3,990	6.29 m
–4.5 m	kg			*6,230	*6,230					*5,690	*5,690	4.72 m

SK210NLC		Boom: 5.65 m Arm: 2.94 m Bucket: without Counterweight: 4,800 kg Shoe: 600 mm (Heavy Lift)												
A / B		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

SK210LC SK210NLC SK210SNLC

SK210LC-11E SK210NLC-11E SK210SNLC-11E

SK210NLC	Boom: 5.65 m	Arm: 3.50 m	Bucket: without	Counterweight: 4,800 kg	Shoe: 600 mm (Heavy Lift)											
A / B		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: 4,800 kg	Shoe: 600 mm (Heavy Lift)							
A / B		3.0 m		4.5 m		6.0 m		7.5 m		At max. reach		Radius
7.5 m	kg									*6,320	5,920	5.58 m
6.0 m	kg					*6,470	5,300			*5,760	4,280	6.80 m
4.5 m	kg			*8,260	7,930	*6,930	5,130	*5,850	3,600	*5,610	3,570	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

SK210SNLC	Boom: 5.65 m	Arm: 2.94 m	Bucket: without	Counterweight: 4,900 kg	Shoe: 500 mm (Heavy Lift)											
A / B		1.5 m		3.0 m		4.5 m		6.0 m		7.5 m		At max. reach		Radius		
7.5 m	kg							*5,330	5,060			*4,300	*4,300	6.26 m		
6.0 m	kg							*5,940	5,050			*3,980	3,580	7.36 m		
4.5 m	kg							*6,490	4,870	*5,980	3,430	*3,890	3,050	8.03 m		
3.0 m	kg					*9,450	6,950	*7,360	4,610	5,880	3,320	*3,970	2,780	8.38 m		
1.5 m	kg					*11,150	6,430	8,030	4,350	5,740	3,190	*4,200	2,680	8.45 m		
G.L.	kg			*6,370	*6,370	*11,940	6,140	7,820	4,180	5,640	3,100	*4,640	2,730	8.25 m		
−1.5 m	kg	*6,730	*6,730	*11,090	*11,090	*11,770	6,060	7,730	4,100	5,610	3,070	5,370	2,950	7.75 m		
−3.0 m	kg	*11,760	*11,760	*14,800	11,460	*10,660	6,140	7,780	4,150			6,400	3,500	6.89 m		
−4.5 m	kg			*11,000	*11,000	*8,060	6,370					*6,070	4,880	5.50 m		

SK210SNLC	Boom: 5.65 m	Arm: 2.40 m	Bucket: without	Counterweight: 4,900 kg	Shoe: 500 mm (Heavy Lift)							
A / B		3.0 m		4.5 m		6.0 m		7.5 m		At max. reach		Radius
7.5 m	kg									*6,370	5,570	5.58 m
6.0 m	kg					*6,570	4,990			*5,800	4,050	6.80 m
4.5 m	kg			*8,380	7,400	*7,030	4,830	*5,890	3,410	*5,650	3,390	7.52 m
3.0 m	kg			*10,230	6,830	*7,820	4,590	5,890	3,330	5,430	3,070	7.89 m
1.5 m	kg			*11,680	6,370	8,020	4,360	5,770	3,220	5,280	2,960	7.97 m
G.L.	kg			*12,080	6,180	7,860	4,220	5,700	3,160	5,440	3,030	7.75 m
−1.5 m	kg	*11,480	*11,480	*11,550	6,160	7,820	4,190			6,020	3,330	7.22 m
−3.0 m	kg	*13,350	11,720	*10,030	6,290	*7,310	4,290			*6,700	4,060	6.29 m
−4.5 m	kg			*6,360	*6360					*5,820	*5,820	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.

2 Piece Boom Specifications

Working ranges

Unit: mm

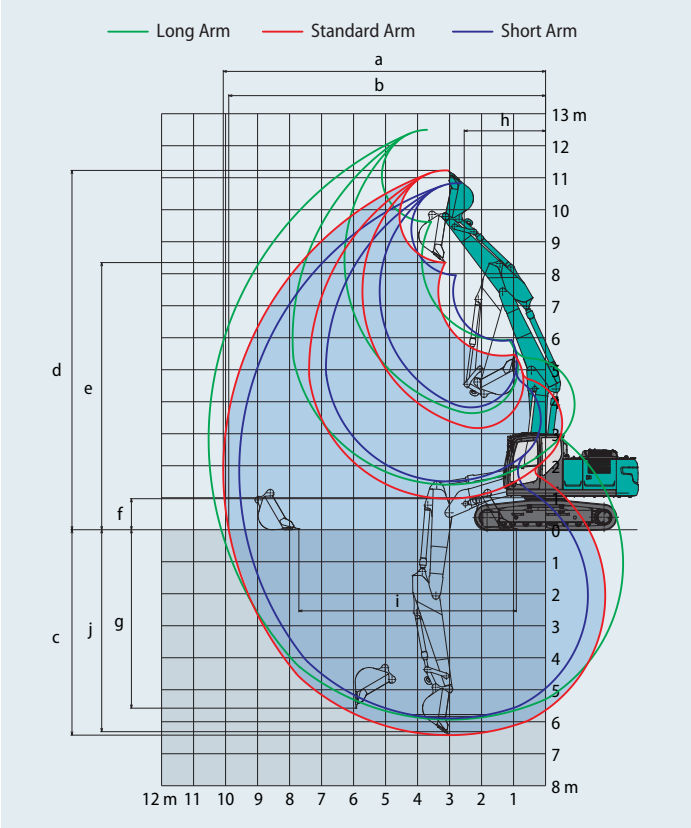
Boom	3.16 m + 2.63 m		
Arm / Range	Short 2.40 m	Standard 2.94 m	Long 3.50 m
a- Max. digging reach	9,570	10,070	10,530
b- Max. digging reach at ground level	9,390	9,900	10,370
c- Max. digging depth	5,890	6,420	6,930
d- Max. digging height	10,830	11,230	11,500
e- Max. dumping clearance	7,950	8,350	8,620
f- Min. dumping clearance	1,510	970	410
g- Max. vertical wall digging depth	5,070	5,580	6,020
h- Min. swing radius	2,760	2,550	2,720
i- Horizontal digging stroke at ground level	5,770	6,800	7,800
j- Digging depth for 2.4 m (8') flat bottom	5,780	6,310	6,830
Bucket capacity ISO heaped m^3	0.93	0.80	0.70

Digging Force (ISO 6015)

Unit: kN

Arm length	Short 2.40 m	Standard 2.94 m	Long 3.50 m
Bucket digging force	143 157*	143 157*	143 157*
Arm crowding force	121 133*	102 112*	91.8 101*

*Power Boost engaged.



Dimensions (SK210LC/SK210NLC)

Unit: mm

Arm length			Short 2.40 m	Standard 2.94 m	Long 3.50 m
A	Overall length		9,760	9,740	9,730
B	Overall height (to top of boom)		3,030	2,970	3,280
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		
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		

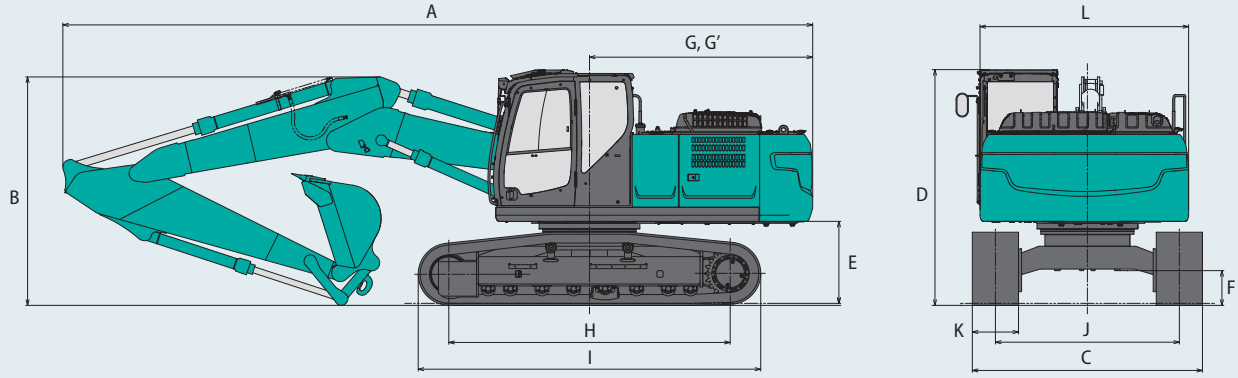
*Without including height of shoe

Dimensions (SK210SNLC)

Unit: mm

Arm length		Short 2.40 m	Standard 2.94 m
A	Overall length	9,660	9,640
B	Overall height (to top of boom)	3,030	2,970
C	Overall width of crawler	2,540	
D	Overall height (to top of cab)	3,060	
E	Ground clearance of rear end*	1,050	
F	Ground clearance*	425	
G	Tail swing radius	2,800	
G'	Distance from centre of swing to rear end	2,800	
H	Tumbler distance	3,660	
I	Overall length of crawler	4,450	
J	Track gauge	2,040	
K	Shoe width	500	
L	Overall width of upperstructure	2,540	

*Without including height of shoe



Operating weight & ground pressure

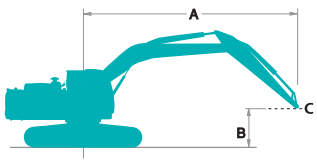
In standard trim, with 2 Piece Boom, 2.94 m arm, and 0.8 m³ ISO heaped bucket.

Shaped			Triple grouser shoes (even height)				
Shoe width		mm	500	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	—
	SK210SNLC	mm	2,540	2,640	—	—	—
Ground pressure	SK210LC	kPa	—	48	42	38	33
	SK210NLC	kPa	—	48	42	37	—
	SK210SNLC	kPa	59	49	—	—	—
Operating weight	SK210LC	kg	—	23,100	23,600	23,800	24,100
	SK210NLC	kg	—	23,000	23,500	23,700	—
	SK210SNLC	kg	23,500	23,700	—	—	—

In standard trim, with 2 Piece Boom, 2.94 m arm, and 0.8 m³ ISO heaped bucket (optional counterweight 4,800 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	49	43	38	34
	SK210NLC	kPa	49	40	36	—
Operating weight	SK210LC	kg	23,600	24,100	24,300	24,600
	SK210NLC	kg	23,500	24,000	24,200	—

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: 37.8 MPa (385 kgf/cm²)

SK210LC	2 Piece Boom Arm: 2.94 m Bucket: without Counterweight: 4,300 kg Shoe: 600 mm (Heavy Lift)												
A / B	1.5 m		3.0 m		4.5 m		6.0 m		7.5 m		At max. reach		Radius
9.0 m kg					*5,880	*5,880					*4,930	*4,930	4.74 m
7.5 m kg					*6,770	*6,770	*5,680	5,440			*4,040	*4,040	6.49 m
6.0 m kg					*6,870	*6,870	*4,620	*4,620	*4,100	3,600	*3,700	3,550	7.55 m
4.5 m kg			*10,460	*10,460	*9,180	8,220	*7,630	5,170	*4,820	3,560	*3,580	3,000	8.21 m
3.0 m kg	*31,510	*31,510	*16,370	14,230	*10,810	7,440	7,780	4,830	*4,780	3,410	*3,610	2,720	8.55 m
1.5 m kg			*17,860	12,690	*11,550	6,750	7,410	4,500	*5,140	3,250	*3,770	2,620	8.62 m
G.L. kg	*19,950	*19,950	*14,860	12,300	*11,200	6,410	7,160	4,280	5,140	3,140	*4,100	2,670	8.42 m
−1.5 m kg			*10,000	*10,000	*9,830	6,330	7,070	4,200	5,120	3,110	*4,690	2,910	7.93 m
−3.0 m kg			*8,590	*8,590	*7,430	6,450	*5,640	4,270			*3,780	3,460	7.10 m
−4.5 m kg			*11,920	*11,920	*6,720	*6,720					*1,810	*1,810	5.76 m

SK210LC	2 Piece Boom Arm: 3.50 m Bucket: without Counterweight: 4,300 kg Shoe: 600 mm (Heavy Lift)														
A / B	1.5 m		3.0 m		4.5 m		6.0 m		7.5 m		9.0 m		At max. reach		Radius
9.0 m kg					*5,740	*5,740							*4,030	*4,030	5.53 m
7.5 m kg							*4,890	*4,890					*3,460	*3,460	7.09 m
6.0 m kg							*5,890	5,520	*4,460	3,700			*3,240	3,180	8.07 m
4.5 m kg					*6,900	*6,900	*6,880	5,270	*4,150	3,600			*3,170	2,720	8.69 m
3.0 m kg	*27,450	*27,450	*15,750	14,900	*10,210	7,660	*7,810	4,900	*4,070	3,420	*3,330	2,490	*3,230	2,480	9.01 m
1.5 m kg	*18,250	*18,250	*17,840	13,000	*11,280	6,880	7,450	4,530	*4,400	3,240	*3,890	2,410	*3,390	2,380	9.08 m
G.L. kg	*19,130	*19,130	*6,700	*6,700	*11,360	6,410	7,140	4,260	5,100	3,090			*3,710	2,400	8.89 m
−1.5 m kg			*9,990	*9,990	*10,390	6,230	6,990	4,120	5,020	3,020			*4,220	2,580	8.43 m
−3.0 m kg			*10,660	*10,660	*8,420	6,280	*6,380	4,130	*4,300	3,070			*4,000	3,000	7.65 m
−4.5 m kg			*14,570	13,100	*5,130	*5,130	*4,490	4,340					*2,700	*2,700	6.43 m

SK210LC		2 Piece Boom Arm: 2.40 m Bucket: without Counterweight: 4,300 kg Shoe: 600 mm (Heavy Lift)												
A / B		1.5 m		3.0 m		4.5 m		6.0 m		7.5 m		At max. reach		Radius
9.0 m	kg											*7,980	*7,980	3.73 m
7.5 m	kg					*8,830	8,770					*6,060	5,550	5.80 m
6.0 m	kg					*9,000	8,570	*5,580	5,290			*5,130	4,010	6.97 m
4.5 m	kg			*14,150	*14,150	*10,110	7,990	*4,770	*4,770	*5,240	3,490	*4,720	3,330	7.68 m
3.0 m	kg			*15,800	14,260	*11,250	7,210	7,690	4,750	5,400	3,380	*4,580	3,000	8.05 m
1.5 m	kg			*17,890	12,860	11,600	6,630	7,360	4,460	5,260	3,250	*4,650	2,890	8.12 m
G.L.	kg	*25,320	*25,320	*15,660	12,430	*10,800	6,400	7,160	4,290	5,180	3,170	4,810	2,960	7.91 m
–1.5 m	kg			*9,810	*9,810	*9,050	6,410	*7,020	4,260			*4,810	3,270	7.39 m
–3.0 m	kg					*6,250	*6,250	*4,580	4,400			*3,540	*3,540	6.48 m

SK210LC		2 Piece Boom Arm: 2.94 m Bucket: without Counterweight: 4,800 kg Shoe: 600 mm (Heavy Lift)												
A / B		1.5 m		3.0 m		4.5 m		6.0 m		7.5 m		At max. reach		Radius
9.0 m	kg					*5,880	*5,880					*4,930	*4,930	4.74 m
7.5 m	kg					*6,770	*6,770	*5,680	*5,680			*4,040	*4,040	6.49 m
6.0 m	kg					*6,870	*6,870	*4,620	*4,620	*4,100	3,880	*3,700	*3,700	7.55 m
4.5 m	kg			*10,460	*10,460	*9,180	8,750	*7,630	5,530	*4,820	3,830	*3,580	3,520	8.21 m
3.0 m	kg	*31,510	*31,510	*16,370	15,220	*10,810	7,960	*8,150	5,190	*4,780	3,680	*3,610	2,960	8.55 m
1.5 m	kg			*17,860	13,680	*11,550	7,280	7,880	4,860	*5,140	3,520	*3,770	2,850	8.62 m
G.L.	kg	*19,950	*19,950	*14,860	13,290	*11,200	6,940	7,630	4,640	5,490	3,410	*4,100	2,910	8.42 m
–1.5 m	kg			*10,000	*10,000	*9,830	6,860	*7,480	4,560	5,460	3,390	*4,690	3,160	7.93 m
–3.0 m	kg			*8,590	*8,590	*7,430	6,980	*5,640	4,630			*3,780	3,750	7.10 m
–4.5 m	kg			*11,920	*11,920	*6,720	*6,720					*1,810	*1,810	5.76 m

SK210LC		2 Piece Boom Arm: 3.50 m Bucket: without Counterweight: 4,800 kg Shoe: 600 mm (Heavy Lift)														
A / B		1.5 m		3.0 m		4.5 m		6.0 m		7.5 m		9.0 m		At max. reach		Radius
9.0 m	kg					*5,740	*5,740							*4,030	*4,030	5.53 m
7.5 m	kg							*4,890	*4,890					*3,460	*3,460	7.09 m
6.0 m	kg							*5,890	5,880	*4,460	3,970			*3,240	*3,240	8.07 m
4.5 m	kg					*6,900	*6,900	*6,880	5,630	*4,150	3,870			*3,170	2,950	8.69 m
3.0 m	kg	*27,450	*27,450	*15,750	*15,750	*10,210	8,190	*7,810	5,260	*4,070	3,700	*3,330	2,710	*3,230	2,700	9.01 m
1.5 m	kg	*18,250	*18,250	*17,840	13,990	*11,280	7,410	7,920	4,890	*4,400	3,510	*3,890	2,630	*3,390	2,600	9.08 m
G.L.	kg	*19,130	*19,130	*6,700	*6,700	*11,360	6,930	7,610	4,620	*5,180	3,360			*3,710	2,630	8.89 m
–1.5 m	kg			*9,990	*9,990	*10,390	6,760	7,460	4,480	5,370	3,290			*4,220	2,820	8.43 m
–3.0 m	kg			*10,660	*10,660	*8,420	6,810	*6,380	4,490	*4,300	3,350			*4,000	3,270	7.65 m
–4.5 m	kg			*14,570	14,090	*5,130	*5,130	*4,490	*4,490					*2,700	*2,700	6.43 m

SK210LC		2 Piece Boom Arm: 2.40 m Bucket: without Counterweight: 4,800 kg Shoe: 600 mm (Heavy Lift)												
A / B		1.5 m		3.0 m		4.5 m		6.0 m		7.5 m		At max. reach		Radius
9.0 m	kg											*7,980	*7,980	3.73 m
7.5 m	kg					*8,830	*8,830					*6,060	5,920	5.80 m
6.0 m	kg					*9,000	*9,000	*5,580	*5,580			*5,130	4,310	6.97 m
4.5 m	kg			*14,150	*14,150	*10,110	8,520	*4,770	*4,770	*5,240	3,760	*4,720	3,600	7.68 m
3.0 m	kg			*15,800	15,250	*11,250	7,740	8,150	5,110	*5,500	3,650	*4,580	3,250	8.05 m
1.5 m	kg			*17,890	13,850	*11,600	7,160	7,830	4,820	5,610	3,520	*4,650	3,140	8.12 m
G.L.	kg	*25,320	*25,320	*15,660	13,420	*10,800	6,930	7,630	4,650	5,520	3,450	*4,930	3,220	7.91 m
–1.5 m	kg			*9,810	*9,810	*9,050	6,940	*7,020	4,620			*4,810	3,550	7.39 m
–3.0 m	kg					*6,250	*6,250	*4,580	*4,580			*3,540	*3,540	6.48 m

2 Piece Boom Specifications

Working ranges

Unit: mm

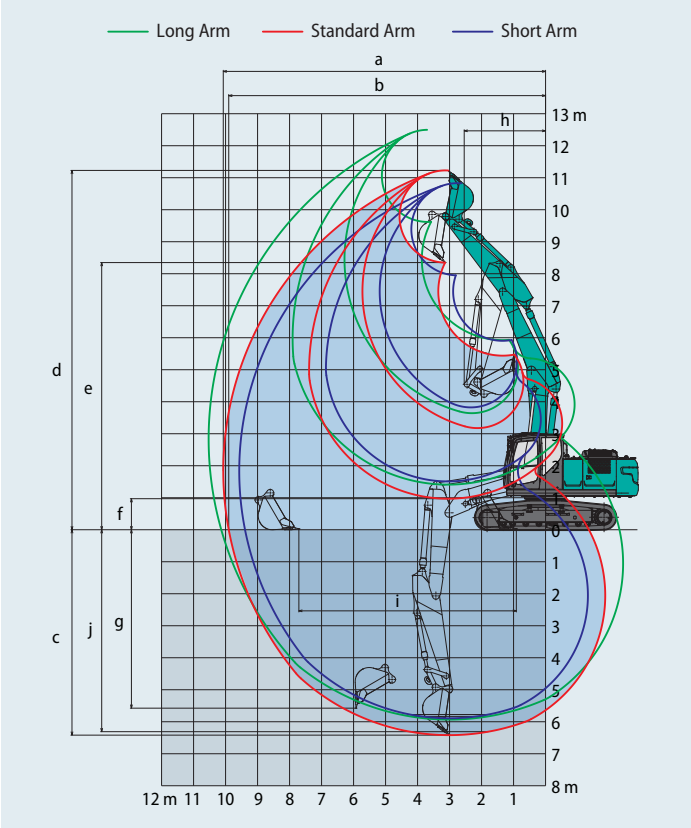
Boom	3.16 m + 2.63 m		
Arm / Range	Short 2.40 m	Standard 2.94 m	Long 3.50 m
a- Max. digging reach	9,570	10,070	10,530
b- Max. digging reach at ground level	9,390	9,900	10,370
c- Max. digging depth	5,890	6,420	6,930
d- Max. digging height	10,830	11,230	11,500
e- Max. dumping clearance	7,950	8,350	8,620
f- Min. dumping clearance	1,510	970	410
g- Max. vertical wall digging depth	5,070	5,580	6,020
h- Min. swing radius	2,760	2,550	2,720
i- Horizontal digging stroke at ground level	5,770	6,800	7,800
j- Digging depth for 2.4 m (8') flat bottom	5,780	6,310	6,830
Bucket capacity ISO heaped m^3	0.93	0.80	0.70

Digging Force (ISO 6015)

Unit: kN

Arm length	Short 2.40 m	Standard 2.94 m	Long 3.50 m
Bucket digging force	143 157*	143 157*	143 157*
Arm crowding force	121 133*	102 112*	91.8 101*

*Power Boost engaged.



Dimensions (SK210LC/SK210NLC)

Unit: mm

Arm length			Short 2.40 m	Standard 2.94 m	Long 3.50 m
A	Overall length		9,760	9,740	9,730
B	Overall height (to top of boom)		3,030	2,970	3,280
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		
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		

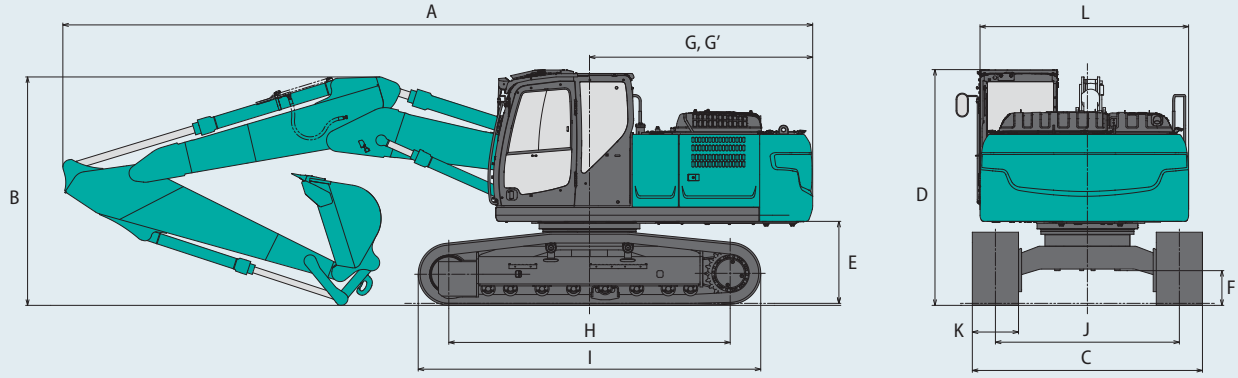
*Without including height of shoe

Dimensions (SK210SNLC)

Unit: mm

Arm length		Short 2.40 m	Standard 2.94 m
A	Overall length	9,660	9,640
B	Overall height (to top of boom)	3,030	2,970
C	Overall width of crawler	2,540	
D	Overall height (to top of cab)	3,060	
E	Ground clearance of rear end*	1,050	
F	Ground clearance*	425	
G	Tail swing radius	2,800	
G'	Distance from centre of swing to rear end	2,800	
H	Tumbler distance	3,660	
I	Overall length of crawler	4,450	
J	Track gauge	2,040	
K	Shoe width	500	
L	Overall width of upperstructure	2,540	

*Without including height of shoe

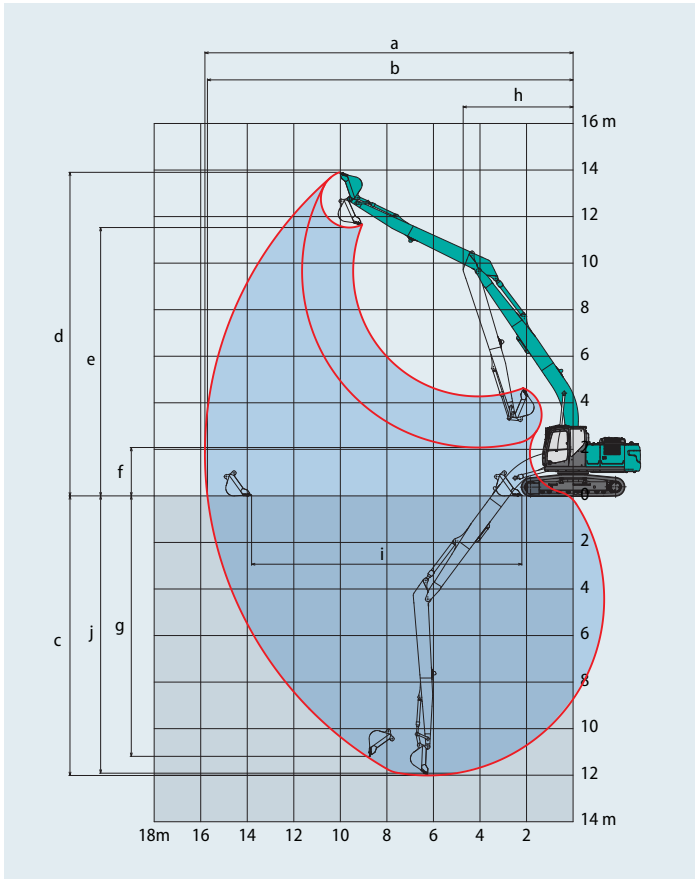


Long Reach Attachment Specifications

Working ranges

Unit: mm

Boom	8.75 m
Arm / Range	6.35 m
a- Max. digging reach	15,820
b- Max. digging reach at ground level	15,710
c- Max. digging depth	12,010
d- Max. digging height	13,900
e- Max. dumping clearance	11,530
f- Min. dumping clearance	2,080
g- Max. vertical wall digging depth	11,190
h- Min. swing radius	4,730
i- Horizontal digging stroke at ground level	11,610
j- Digging depth for 2.4 m (8') flat bottom	11,910
Bucket capacity ISO heaped m^3	0.45



Digging Force (ISO 6015)

Unit: kN

Arm length	Standard 6.35 m
Bucket digging force	88
Arm crowding force	54

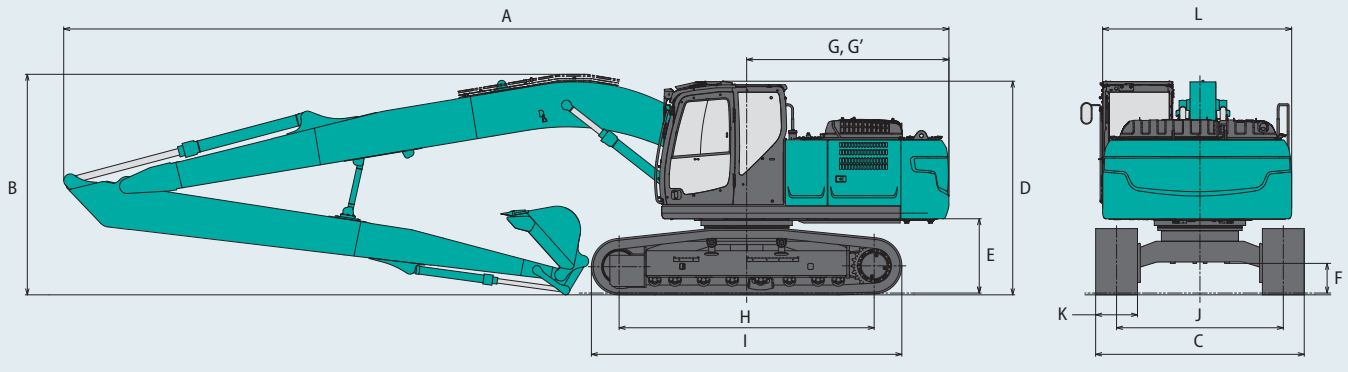
Dimensions (SK210LC)

Unit: mm

Arm length		Standard 6.35 m
A	Overall length	12,690
B	Overall height (to top of boom)	3,160
C	Overall width of crawler	2,990
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
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	2,390
K	Shoe width	600
L	Overall width of upperstructure	2,710

*Without including height of shoe

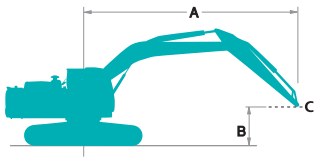


Operating weight & ground pressure

In standard trim, with 8.75 m boom, 6.35 m arm, and 0.45 m³ ISO heaped bucket.

Shaped		Triple grouser shoes (even height)			
Shoe width	mm	600	700	790	900
Overall width of crawler	mm	2,990	3,090	3,180	3,290
Ground pressure	kPa	49	43	38	34
Operating weight	kg	23,600	24,100	24,300	24,600

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 (350 kgf/cm²)

SK210LC Boom: 8.75 m Arm: 6.35 m Bucket: without Counterweight: 5,490 kg Shoe: 600mm

A / B		1.5 m		3.0 m		4.5 m		6.0 m		7.5 m		9.0 m		10.5 m		12.0 m		13.5 m		At max. reach		
																						Radius
12.0 m	kg																			*1,080	*1,080	10.44 m
10.5 m	kg													*1,880	*1,880					*1,000	*1,000	11.72 m
9.0 m	kg													*2,220	*2,220	*1,620	*1,620			*950	*950	12.70 m
7.5 m	kg													*2,430	*2,430	*2,070	*2,070			*930	*930	13.44 m
6.0 m	kg													*2,560	*2,560	*2,400	2,060	*1,510	*1,510	*930	*930	13.98 m
4.5 m	kg											*3,020	*3,020	*2,740	2,520	*2,550	1,980	*1,900	1,560	*940	*940	14.35 m
3.0 m	kg			*5,190	*5,190	*6,520	*6,520	*4,810	*4,810	*3,890	*3,890	*3,330	3,050	*2,950	2,380	*2,680	1,880	*2,190	1,500	*970	*970	14.54 m
1.5 m	kg					*7,340	7,280	*5,600	4,990	*4,380	3,680	*3,640	2,830	*3,160	2,230	*2,810	1,780	2,350	1,440	*1,020	*1,020	14.58 m
G.L.	kg			*2,060	*2,060	*4,980	*4,980	*6,190	4,520	*4,780	3,380	*3,910	2,630	*3,340	2,090	2,760	1,690	2,300	1,380	*1,090	*1,090	14.47 m
–1.5 m	kg	*2,040	*2,040	*2,810	*2,810	*4,960	*4,960	*6,520	4,230	*5,050	3,160	4,040	2,470	3,250	1,990	2,680	1,620	2,250	1,340	*1,180	*1,180	14.19 m
–3.0 m	kg	*2,940	*2,940	*3,720	*3,720	*5,610	*5,610	*6,610	4,090	5,070	3,030	3,930	2,370	3,170	1,910	2,630	1,570	*1,860	1,320	*1,320	1,290	13.75 m
–4.5 m	kg	*3,880	*3,880	*4,740	*4,740	*6,630	6,140	*6,480	4,040	5,010	2,970	3,880	2,320	3,140	1,880	2,620	1,560			*1,510	1,380	13.11 m
–6.0 m	kg	*4,890	*4,890	*5,910	*5,910	*7,960	6,250	*6,120	4,080	*4,890	2,980	3,880	2,320	3,150	1,890	*2,580	1,590			*1,800	1,550	12.26 m
–7.5 m	kg	*6,030	*6,030	*7,300	*7,300	*7,040	6,440	*5,510	4,190	*4,440	3,050	*3,620	2,380	*2,900	1,950					*2,290	1,820	11.15 m
–9.0 m	kg			*7,450	*7,450	*5,700	*5,700	*4,550	4,380	*3,660	3,200	*2,860	2,520							*2,470	2,310	9.67 m
–10.5 m	kg					*3,700	*3,700	*2,980	*2,980	*2,190	*2,190									*2,110	*2,110	7.62 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-11E			
		Mono Boom / 2 Piece Boom			Long Reach
		LC	NLC	SNLC	LC
Engine	YANMAR 4TN107FTT (EU Stage V compliant)	●	●	●	●
	Exhaust DOC DPF SCR system	●	●	●	●
	Alternator 24 V/80 A	●	●	●	●
	Starter motor 24 V/5 kW	●	●	●	●
	Batteries 2 x 12 V (130 Ah)	●	●	●	●
	Fan suction type cooling system	●	●	●	●
	Auto deceleration function	●	●	●	●
	Auto idle stop	●	●	●	●
Hydraulic system	3 work modes H, S, Eco	●	●	●	●
	Power boost (37.8 MPa {385 kgf/cm^2})	●	●	●	–
	Heavy lift mode	●	●	●	–
	Pressure release function	●	●	●	●
	Independent travel function	●	●	●	●
	Auto warm up system	●	●	●	●
	Proportional Hand Control (for E&N&B piping)	●	●	●	–
	Proportional Hand Control (for Extra piping)	–	–	–	●
	Hydraulic oil VG32	●	●	●	●
	Hydraulic oil VG46	○	○	○	○
	Hydraulic oil VG68	○	○	○	○
Piping	E & N&B piping	●	●	●	–
	E & N&B piping + Bigger capacity P4 pump (89.4 L/min)	○	○	–	–
	Standard piping (only mono Boom spec)	○	–	–	–
	Extra piping	–	–	–	●
	QH piping	●	●	●	●
Cabin	Air suspension seat with heating	●	●	●	●
	10 inch colour monitor	●	●	●	●
	LED door light	●	●	●	●
	Air-conditioner	●	●	●	●
	DAB+ radio (FM/AM & AUX & USB & Bluetooth® & hands free telephone)	●	●	●	●
	Harness for CAB four lights and CAB yellow flasher	●	●	●	●
	Parallel wiper	●	●	●	●
	12 V power supply	●	●	●	●
	Rain visor	○	○	○	○
	Sun screen	○	○	○	○
Lights	LED work lights ; 2 on Boom, 1 on upper frame, 2 on rear counterweight	●	●	●	●
	LED work lights ; 2 on CAB top front	○	○	○	○
Working equipment	Standard Boom (5.65 m)	●	●	●	–
	2 Piece Boom	○	○	○	–
	Long Reach (50 ft)	–	–	–	●
	Standard HD arm (2.94 m) with rock guard	●	●	○	–
	Short HD arm (2.40 m) with rock guard	○	○	●	–
	Long HD arm (3.50 m) with rock guard	○	○	–	–
	Long Reach arm (6.35 m)	–	–	–	●
	OHK hook	●	●	●	–
Counterweight	Standard C/W (TTL 4,300 kg)	●	●	–	–
	Standard C/W (TTL 4,900 kg)	–	–	●	–
	Semi heavier C/W (TTL 4,800 kg)	○	○	–	–
	Heavier C/W (TTL 5,490 kg)	–	–	–	●
Undercarriage	500 mm steel shoe	–	–	●	–
	600 mm steel shoe	●	●	○	●
	700 mm steel shoe	○	○	–	○
	790 mm steel shoe	○	○	–	○
	900 mm steel shoe	○	–	–	○
	Track guide (one per side)	●	●	●	●
	Additional track guides (two additional per side)	○	○	○	○
	Lower frame guard	●	●	●	●
Safety	Engine emergency stop switch	●	●	●	●
	Pump emergency mode (KPSS release switch)	●	●	●	●
	Emergency accel dial	●	●	●	●
	Emergency manual valve for lowering attachment	●	●	●	●
	Overload alarm	●	●	●	●
	Safety valve for boom & arm cylinder	●	●	●	●
	ROPS compliant cab (ISO 12117-2:2008)	●	●	●	●
	OPG Level II top guard (ISO 10262;1998)	●	●	●	●
	OPG Level II front guard (ISO 10262;1998)	○	○	○	○
	Eagle-eye view camera (Rear, Right, Left)	●	●	●	●
	Seatbelt indicator on display	●	●	●	●
	Travel alarm	○	○	–	○
	Extended guard rail	○	○	○	○
Others	Refueling pump	●	●	●	●
	Harness for engine room light	●	●	●	●
	RAL color	○	○	○	○
	KOMEXS	●	●	●	●

*The air conditioning system on this machine contains fluorinated greenhouse gas HFC-134a (GWP 1430). Quantity of gas 0.8 kg (CO_2 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.
Due to our policy of continuous product improvements all designs and specifications are subject to change without advance notice.

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