

KOBELCO

Performance  Design

SK300_{LC} SK300_{NLC}

- Bucket capacity:
0.60 – 1.40 m³
- Engine power:
200 kW / 2,100 min⁻¹
- Operating weight:
30,500 – 33,300 kg



Complies with the EU Stage V
exhaust emission regulation

We Save You Fuel
Achieving a Low-Carbon Society



Performance Design

SK300LC/SK300NLC 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.

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

② Air conditioner

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



PRESSURE
RELEASE



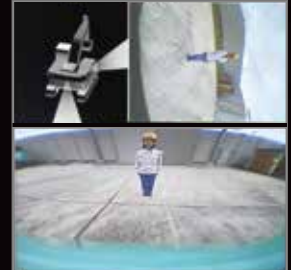
A WIDER VIEW BRINGS A WIDER RANGE OF USE

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 bird's-eye view

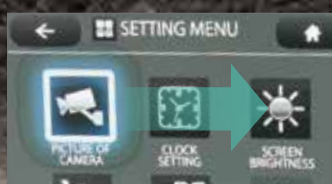


The eagle eye view



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.



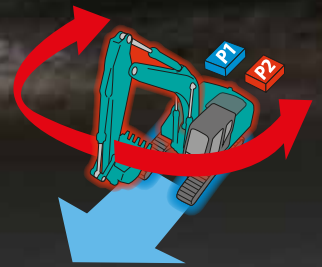
Screen display linked with the jog dial operation

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 SK300LC/SK300NLC feature outstanding stability thanks to an innovative new shape for conventional excavator, as well as a larger counterweight.

Model: HINO J08EYD-KSSL

Engine output

200 kW / 2,100 min⁻¹



»» Max. bucket digging force (Arm 3.10 m)

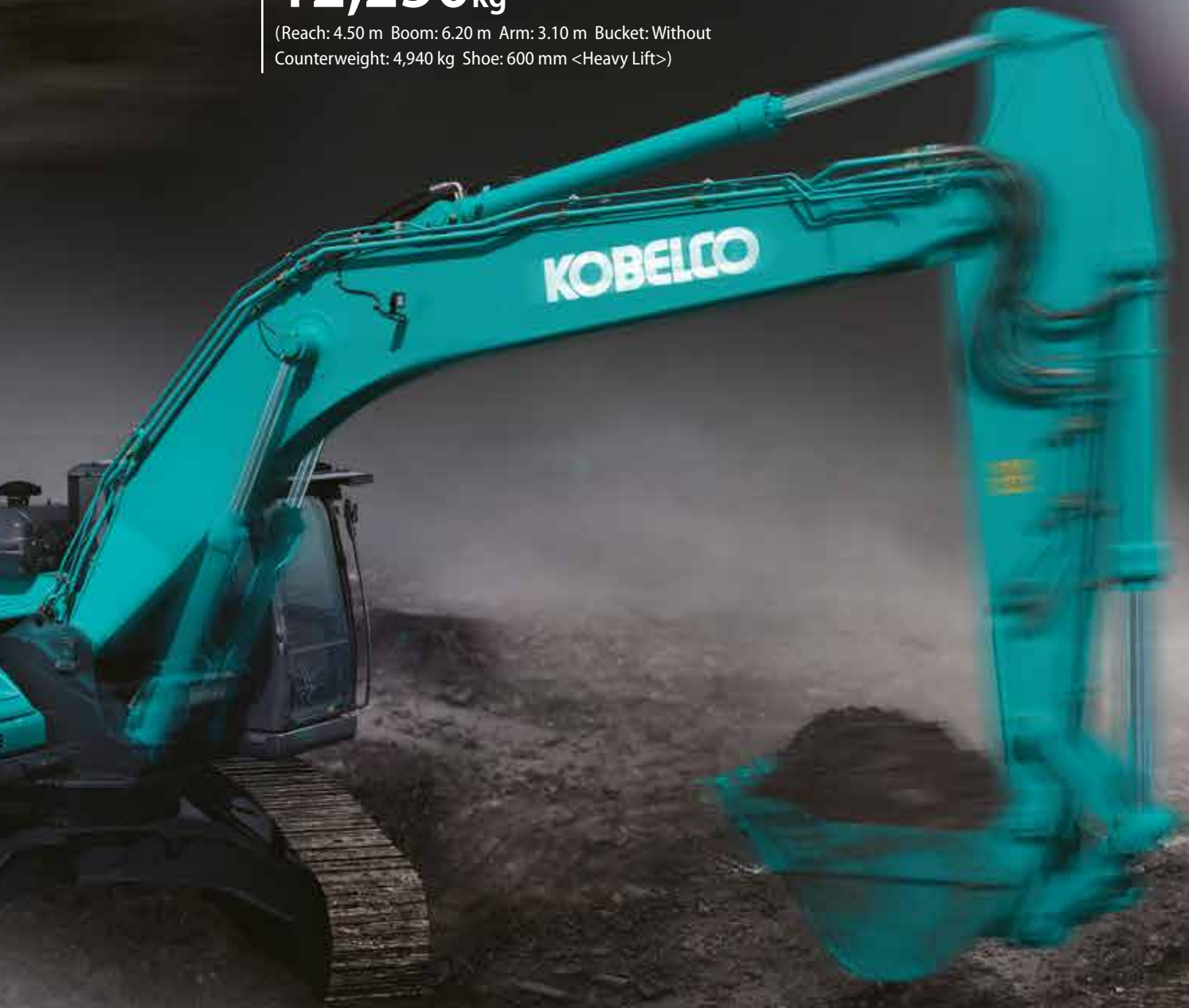
Normal: **188** kN

With Power Boost: **208** kN

Lifting capacity

12,250kg

(Reach: 4.50 m Boom: 6.20 m Arm: 3.10 m Bucket: Without Counterweight: 4,940 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) .



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.



Two-stage air filter



Right side



Fuel filter/Pre-filter



Engine oil filter



DURABILITY YOU CAN TRUST

Enhanced body rigidity for 30-ton class machines

The SK300LC and SK300NLC 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/12V power supply



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.

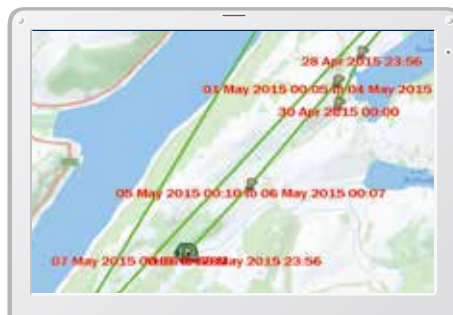
Direct Access to Operational Status

Location Data

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



Latest location



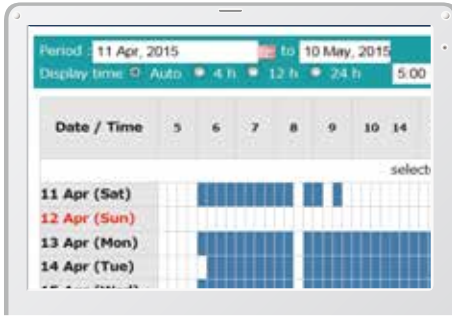
Location records

Type of Operation	Working Hrs	Ratio
Total Working Hrs	169 Hrs	100 %
Digging Hrs	72.2 Hrs	43 %
Traveling Hrs	18.3 Hrs	11 %
Idle Hrs	15.9 Hrs	9 %
Opt Alt Hrs	62.5 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
TOTAL	171:25	1514.2 L

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
SK135RSLC-3/SK140SRL	YH07-09221	734 Hr	434
SK135RSLC-3/SK140SRL	YH07-09289	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	HINO J08EYD-KSSL
Type	Direct injection, water-cooled, 4 cycle diesel engine with turbocharger, intercooler complies with EU stage V exhaust emission regulation
No. of cylinders	6
Bore and stroke	112 mm × 130 mm
Displacement	7.684 L
Rated power output	188 kW /2,100 min ⁻¹ (ISO 9249: with fan)
	200 kW /2,100 min ⁻¹ (ISO 14396: without fan)
Max. torque	988 N·m /1,600 min ⁻¹ (ISO 9249: with fan)
	1,017 N·m /1,600 min ⁻¹ (ISO 14396: without fan)

Hydraulic system

Pump	
Type	Axial piston pumps + extra gear pump + pilot gear pump
Max. discharge flow	2 × 245 L/min , 1 × 42.6 L/min , 1 × 21 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	35.8 MPa {365 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

Swing system

Swing motor	One fixed displacement piston motor
Brake	Oil disc brake, hydraulic operated automatically
Parking brake	Wet multiple plate
Swing speed	10.2 min ⁻¹
Tail swing radius	3,300 mm
Min. front swing radius	4,430 mm
Swing torque	98.6 kNm

Attachments

Backhoe bucket and combination.

Use	Backhoe bucket					
	Normal digging					
Bucket capacity	ISO heaped	m ³	0.60	0.80	1.20	1.40
Opening width		mm	800	1,000	1,420	1,400
Bucket weight		kg	620	720	950	930
Combination	2.40 m short arm		○	○	○	○
	3.10 m standard arm		○	○	○	△
	4.00 m long arm		○	△	△	△

○ Recommended △ Loading only

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	50 each side
Travel speed	5.2 km/h 3.1 km/h
Drawbar pulling force	280 kN (SAE)
Gradeability	70 % {35°}

Cab & control

Cab

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

Control

Two hand levers and two pedals for travel

Two hand levers for excavating and swing

Electric rotary-type engine throttle

Noise levels

External 105 dB(A) (2000/14/EC)

Operator 72 dB(A) (ISO 6396: 2008)

Vibration levels

Hand/arm* ≤ 2.5 m/s²

Body* ≤ 0.5 m/s²

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

Boom, arm & bucket

Boom cylinders	140 mm × 1,305 mm
Arm cylinder	150 mm × 1,675 mm
Bucket cylinder	130 mm × 1,208 mm

Refilling capacities & lubrications

Fuel tank	503L
Cooling system	35 L
Engine oil	28.5 L
Travel reduction gear	2 × 7.5 L
Swing reduction gear	1 × 7.4 L
Hydraulic oil tank	245 L tank oil level
	410 L hydraulic system
DEF/Urea tank	83 L

Working ranges

Unit: m

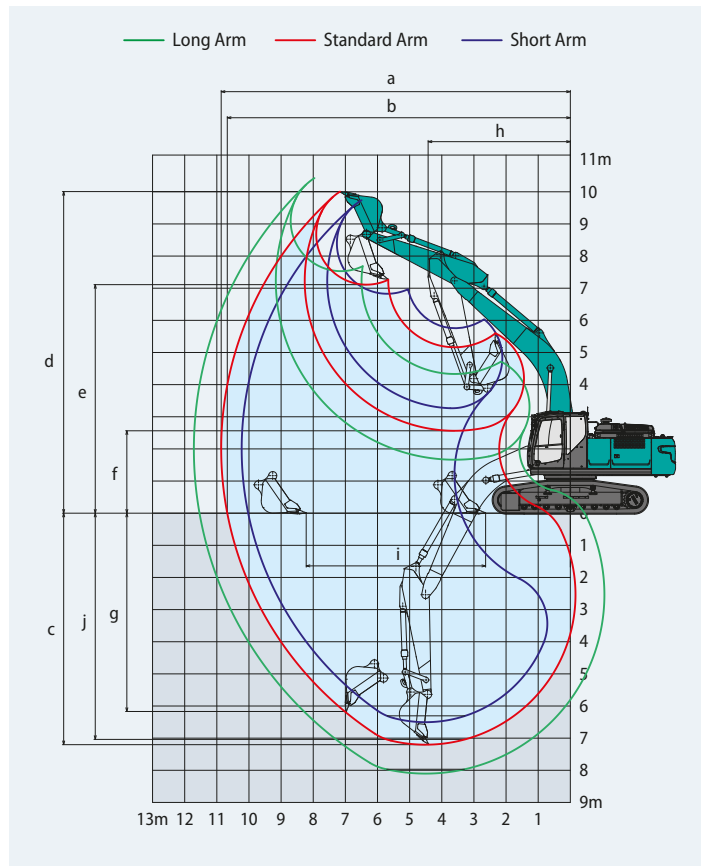
Boom		6.20 m		
Range		Short 2.40 m	Standard 3.10 m	Long 4.00 m
a-	Max. digging reach	10.23	10.86	11.71
b-	Max. digging reach at ground level	10.02	10.67	11.54
c-	Max. digging depth	6.50	7.20	8.10
d-	Max. digging height	9.74	10.01	10.43
e-	Max. dumping clearance	6.83	7.11	7.53
f-	Min. dumping clearance	3.27	2.56	1.66
g-	Max. vertical wall digging depth	5.60	6.17	7.02
h-	Min. swing radius	4.40	4.43	4.55
i-	Horizontal digging stroke at ground level	3.99	5.58	7.09
j-	Digging depth for 2.4m(8') flat bottom	6.31	7.04	7.97
Bucket capacity ISO heaped m ³		1.40	1.20	1.00

Digging Force (ISO 6015)

Unit: kN

Arm length	Short 2.40 m	Standard 3.10 m	Long 4.00 m
Bucket digging force	188 208*	188 208*	188 208*
Arm crowding force	158 174*	126 139*	105 115*

*Power Boost engaged



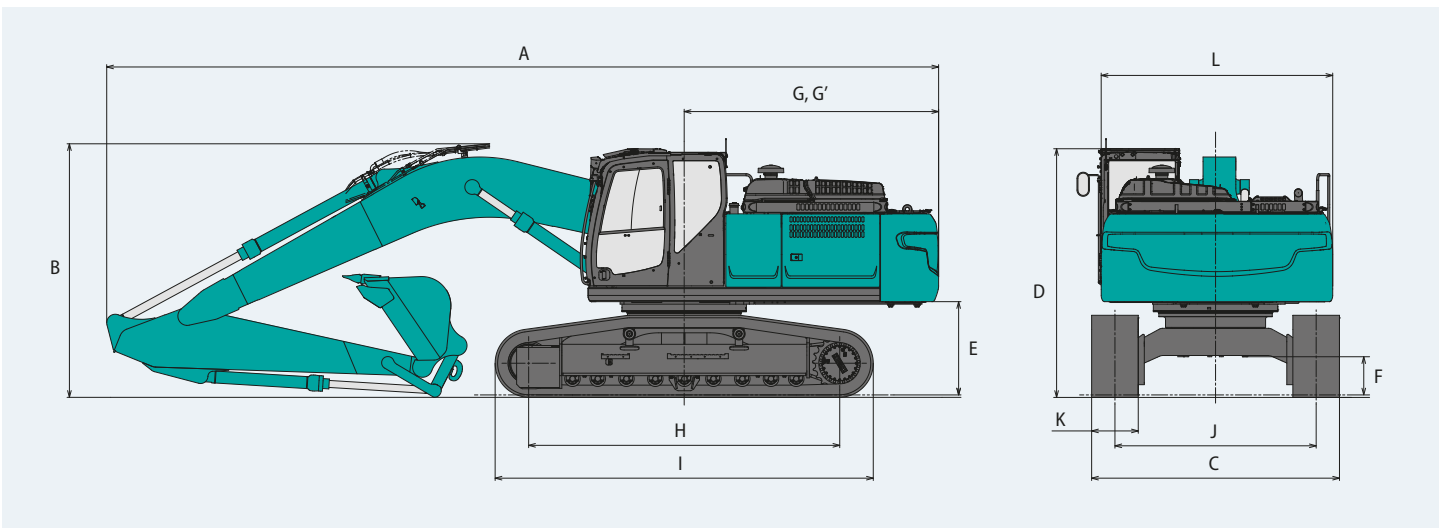
Dimensions

Arm length		Short 2.40 m	Standard 3.10 m	Long 4.00 m
A	Overall length	10,830	10,710	10,770
B	Overall height (to top of boom)	3,500	3,260	3,470
C	Overall width of crawler	SK300LC	3,190	
		SK300NLC	2,990	
D	Overall height (to top of cab)	3,200		
E	Ground clearance of rear end*	1,200		
F	Ground clearance*	490		

Unit: mm

G	Tail swing radius	3,300	
G'	Distance from centre of swing to rear end	3,270	
H	Tumbler distance	4,000	
I	Overall length of crawler	4,870	
J	Track gauge	SK300LC	2,590
		SK300NLC	2,390
K	Shoe width	600	
L	Overall width of upperstructure	2,980	

*Without including height of shoe



Operating weight & ground pressure

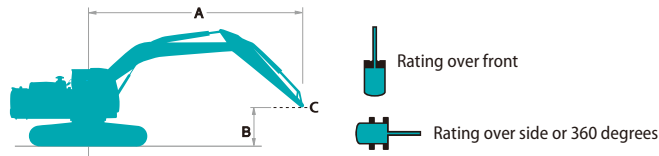
In standard trim, with standard boom, 3.10 m arm, and 1.20 m³ ISO heaped bucket.

Shaped			Triple grouser shoes (even height)				Double grouser shoes
Shoe width	mm		600	700	800	900	600
Overall width of crawler	SK300LC	mm	3,190	3,290	3,390	3,490	3,190
	SK300NLC	mm	2,990	3,090	—	—	2,990
Ground pressure	SK300LC	kPa	58	51	45	41	58
	SK300NLC	kPa	58	51	—	—	58
Operating weight	SK300LC	kg	30,500	31,200	31,600	32,000	30,700
	SK300NLC	kg	30,500	31,100	—	—	30,600

In standard trim, with standard boom, 3.10 m arm, and 1.20 m³ ISO heaped bucket (optional counterweight 5,540 kg).

Shaped			Triple grouser shoes (even height)				Double grouser shoes
Shoe width	mm		600	700	800	900	600
Overall width of crawler	SK300LC	mm	3,190	3,290	3,390	3,490	3,190
	SK300NLC	mm	2,990	3,090	—	—	2,990
Ground pressure	SK300LC	kPa	59	52	46	41	59
	SK300NLC	kPa	59	52	—	—	59
Operating weight	SK300LC	kg	31,100	31,800	32,200	32,600	31,300
	SK300NLC	kg	31,100	31,700	—	—	31,200

Lift capacities



A - Reach from swing centerline to arm top
 B - Arm top height above/below ground
 C - Lift point
 Relief valve setting: 34.3 MPa

SK300LC		Boom: 6.20 m		Arm: 2.40 m		Bucket: without		Counterweight: 4,940 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					*7,060	*7,060					*7,330	6,990	6.63m
6.0 m	kg					*7,370	*7,370	*7,270	5,670			*7,240	5,460	7.66m
4.5 m	kg			*10,620	*10,620	*8,450	7,780	*7,570	5,550			*7,150	4,710	8.28m
3.0 m	kg					*9,860	7,330	*8,230	5,340			6,880	4,340	8.60m
1.5 m	kg					*11,120	6,960	8,290	5,140			6,740	4,220	8.64m
G.L.	kg			*16,450	10,150	11,330	6,760	8,150	5,020			6,940	4,330	8.41m
-1.5 m	kg	*11,310	*11,310	*16,100	10,190	11,290	6,720	8,140	5,010			7,610	4,720	7.88m
-3.0 m	kg	*20,440	*20,440	*14,920	10,380	*11,240	6,840					9,170	5,640	6.98m
-4.5 m	kg			*12,190	10,790							*9,480	8,050	5.53m

SK300LC		Boom: 6.20 m		Arm: 3.10 m		Bucket: without		Counterweight: 4,940 kg		Shoe: 600 mm (Heavy Lift)						
B	A	1.5 m		3.0 m		4.5 m		6.0 m		7.5 m		9.0 m		At max. reach		Radius
7.5 m	kg													*4,280	*4,280	7.45m
6.0 m	kg									*6,370	5,800			*4,070	*4,070	8.37m
4.5 m	kg							*7,560	*7,560	*6,870	5,630			*4,030	*4,030	8.95m
3.0 m	kg					*12,250	11,330	*9,060	7,470	*7,640	5,390	*6,290	4,070	*4,120	3,890	9.24m
1.5 m	kg					*14,890	10,510	*10,500	7,040	8,310	5,160	6,330	3,960	*4,370	3,780	9.28m
G.L.	kg					*16,150	10,150	11,350	6,770	8,120	4,990	*5,690	3,890	*4,800	3,850	9.06m
-1.5 m	kg			*11,650	*11,650	*16,330	10,080	11,220	6,650	8,040	4,920			*5,550	4,140	8.57m
-3.0 m	kg	*13,610	*13,610	*18,300	*18,300	*15,630	10,190	11,260	6,690	8,110	4,980			*6,970	4,780	7.76m
-4.5 m	kg			*19,360	*19,360	*13,750	10,480	*10,120	6,920					*8,950	6,250	6.50m

SK300LC		Boom: 6.20 m Arm: 4.00 m Bucket: without Counterweight: 4,940 kg Shoe: 600 mm (Heavy Lift)															
B	A	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														*3,360	*3,360	7.26m
7.5 m	kg														*3,040	*3,040	8.49m
6.0 m	kg									*5,240	*5,240	*4,300	4,230	*2,900	*2,900	9.31m	
4.5 m	kg									*5,830	5,650	*5,710	4,150	*2,870	*2,870	9.83m	
3.0 m	kg			*16,410	*16,410	*9,960	*9,960	*7,730	7,550	*6,680	5,360	*6,150	4,000	*2,920	*2,920	10.10m	
1.5 m	kg					*13,000	10,610	*9,330	7,010	*7,600	5,070	6,230	3,840	*3,070	*3,070	10.13m	
G.L.	kg			*7,360	*7,360	*14,990	9,960	*10,620	6,610	7,980	4,830	6,080	3,710	*3,330	3,210	9.93m	
-1.5 m	kg	*7,090	*7,090	*10,630	*10,630	*15,850	9,700	10,960	6,390	7,820	4,690	6,010	3,650	*3,770	3,400	9.49m	
-3.0 m	kg	*10,790	*10,790	*15,010	*15,010	*15,790	9,690	10,900	6,340	7,790	4,660			*4,520	3,810	8.77m	
-4.5 m	kg	*15,200	*15,200	*21,200	19,990	*14,740	9,890	*10,910	6,460	7,940	4,800			*6,040	4,670	7.68m	
-6.0 m	kg			*17,360	*17,360	*12,070	10,350	*8,400	6,860					*8,340	6,830	6.02m	











SK300LC		Boom: 6.20 m Arm: 2.40 m Bucket: without Counterweight: 5,540 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					*7,060	*7,060				*7,330	7,270	6.63m
6.0 m	kg					*7,370	*7,370	*7,270	5,920	*7,240	5,700	7.66m	
4.5 m	kg			*10,620	*10,620	*8,450	8,110	*7,570	5,790	*7,150	4,930	8.28m	
3.0 m	kg					*9,860	7,660	*8,230	5,590	7,150	4,550	8.60m	
1.5 m	kg					*11,120	7,290	8,610	5,390	7,000	4,430	8.64m	
G.L.	kg			*16,450	10,640	11,780	7,090	8,470	5,270	7,220	4,540	8.41m	
-1.5 m	kg	*11,310	*11,310	*16,100	10,680	11,730	7,050	8,460	5,260	7,920	4,960	7.88m	
-3.0 m	kg	*20,440	*20,440	*14,920	10,870	*11,240	7,170			*9,220	5,910	6.98m	
-4.5 m	kg			*12,190	11,280					*9,480	8,420	5.53m	















SK300LC		Boom: 6.20 m Arm: 3.10 m Bucket: without Counterweight: 5,540 kg Shoe: 600 mm (Heavy Lift)															
B	A	1.5 m		3.0 m		4.5 m		6.0 m		7.5 m		9.0 m		At max. reach		Radius	
7.5 m	kg														*4,280	*4,280	7.45m
6.0 m	kg									*6,370	6,050				*4,070	*4,070	8.37m
4.5 m	kg							*7,560	*7,560	*6,870	5,870				*4,030	*4,030	8.95m
3.0 m	kg					*12,250	11,820	*9,060	7,800	*7,640	5,640	*6,290	4,270	*4,120	4,090	9.24m	
1.5 m	kg					*14,890	11,000	*10,500	7,370	*8,450	5,410	6,590	4,160	*4,370	3,980	9.28m	
G.L.	kg					*16,150	10,640	*11,510	7,090	8,450	5,240	*5,690	4,090	*4,800	4,050	9.06m	
-1.5 m	kg			*11,650	*11,650	*16,330	10,570	11,660	6,980	8,370	5,170			*5,550	4,350	8.57m	
-3.0 m	kg	*13,610	*13,610	*18,300	*18,300	*15,630	10,680	*11,640	7,020	8,430	5,230			*6,970	5,020	7.76m	
-4.5 m	kg			*19,360	*19,360	*13,750	10,970	*10,120	7,250					*8,950	6,540	6.50m	















SK300LC		Boom: 6.20 m Arm: 4.00 m Bucket: without Counterweight: 5,540 kg Shoe: 600 mm (Heavy Lift)															
B	A	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														*3,360	*3,360	7.26m
7.5 m	kg														*3,040	*3,040	8.49m
6.0 m	kg									*5,240	*5,240	*4,300	*4,300	*2,900	*2,900	9.31m	
4.5 m	kg									*5,830	*5,830	*5,710	4,350	*2,870	*2,870	9.83m	
3.0 m	kg			*16,410	*16,410	*9,960	*9,960	*7,730	*7,730	*6,680	5,610	*6,150	4,200	*2,920	*2,920	10.10m	
1.5 m	kg					*13,000	11,100	*9,330	7,340	*7,600	5,320	6,480	4,040	*3,070	*3,070	10.13m	
G.L.	kg			*7,360	*7,360	*14,990	10,450	*10,620	6,940	8,300	5,080	6,340	3,910	*3,330	*3,330	9.93m	
-1.5 m	kg	*7,090	*7,090	*10,630	*10,630	*15,850	10,190	*11,400	6,720	8,140	4,930	6,260	3,840	*3,770	3,580	9.49m	
-3.0 m	kg	*10,790	*10,790	*15,010	*15,010	*15,790	10,180	11,340	6,670	8,110	4,910			*4,520	4,010	8.77m	
-4.5 m	kg	*15,200	*15,200	*21,200	20,950	*14,740	10,380	*10,910	6,790	*8,210	5,050			*6,040	4,910	7.68m	
-6.0 m	kg			*17,360	*17,360	*12,070	10,840	*8,400	7,190					*8,340	7,160	6.02m	











Notes:

- Do not attempt to lift or hold any load that is greater than these lift capacities at their specified lift point radius and heights. Weight of all accessories must be deducted from the above lift capacities.
- Lift capacities 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.
- Arm top defined as lift point.
- 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.
- 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.

SK300NLC		Boom: 6.20 m Arm: 2.40 m Bucket: without Counterweight: 4,940 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						*7,060	*7,060			*7,330	6,440	6.63m
6.0 m	kg						*7,370	*7,370	*7,270	5,220	*7,240	5,020	7.66m
4.5 m	kg			*10,620	*10,620		*8,450	7,150	*7,570	5,100	*7,150	4,330	8.28m
3.0 m	kg						*9,860	6,710	*8,230	4,900	6,910	3,980	8.60m
1.5 m	kg						*11,120	6,350	8,320	4,710	6,760	3,860	8.64m
G.L.	kg			*16,450	9,150		11,380	6,150	8,180	4,590	6,970	3,960	8.41m
-1.5 m	kg	*11,310	*11,310	*16,100	9,190		11,330	6,110	8,170	4,580	7,650	4,320	7.88m
-3.0 m	kg	*20,440	18,470	*14,920	9,370		*11,240	6,230			9,200	5,150	6.98m
-4.5 m	kg			*12,190	9,770						*9,480	7,340	5.53m

SK300NLC		Boom: 6.20 m Arm: 3.10 m Bucket: without Counterweight: 4,940 kg Shoe: 600 mm (Heavy Lift)														
B	A	1.5 m		3.0 m		4.5 m		6.0 m		7.5 m		9.0 m		At max. reach		Radius
																
7.5 m	kg													*4,280	*4,280	7.45m
6.0 m	kg									*6,370	5,350			*4,070	*4,070	8.37m
4.5 m	kg							*7,560	7,310	*6,870	5,180			*4,030	3,850	8.95m
3.0 m	kg					*12,250	10,290	*9,060	6,840	*7,640	4,950	*6,290	3,730	*4,120	3,570	9.24m
1.5 m	kg					*14,890	9,490	*10,500	6,420	8,340	4,720	6,360	3,630	*4,370	3,460	9.28m
G.L.	kg					*16,150	9,140	11,390	6,150	8,160	4,550	*5,690	3,550	*4,800	3,520	9.06m
-1.5 m	kg			*11,650	*11,650	*16,330	9,070	11,260	6,040	8,080	4,480			*5,550	3,780	8.57m
-3.0 m	kg	*13,610	*13,610	*18,300	18,030	*15,630	9,180	11,310	6,080	8,140	4,540			*6,970	4,360	7.76m
-4.5 m	kg			*19,360	18,550	*13,750	9,470	*10,120	6,310					*8,950	5,700	6.50m

SK300NLC		Boom: 6.20 m Arm: 4.00 m Bucket: without Counterweight: 4,940 kg Shoe: 600 mm (Heavy Lift)														
B	A	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													*3,360	*3,360	7.26m
7.5 m	kg													*3,040	*3,040	8.49m
6.0 m	kg									*5,240	*5,240	*4,300	3,890	*2,900	*2,900	9.31m
4.5 m	kg									*5,830	5,200	*5,710	3,800	*2,870	*2,870	9.83m
3.0 m	kg			*16,410	*16,410	*9,960	*9,960	*7,730	6,910	*6,680	4,920	*6,150	3,660	*2,920	*2,920	10.10m
1.5 m	kg					*13,000	9,580	*9,330	6,390	*7,600	4,630	6,250	3,500	*3,070	2,890	10.13m
G.L.	kg			*7,360	*7,360	*14,990	8,950	*10,620	6,000	8,010	4,390	6,110	3,370	*3,330	2,910	9.93m
-1.5 m	kg	*7,090	*7,090	*10,630	*10,630	*15,850	8,700	11,000	5,780	7,850	4,250	6,040	3,310	*3,770	3,080	9.49m
-3.0 m	kg	*10,790	*10,790	*15,010	*15,010	*15,790	8,690	10,950	5,730	7,820	4,220			*4,520	3,460	8.77m
-4.5 m	kg	*15,200	*15,200	*21,200	17,510	*14,740	8,890	*10,910	5,850	7,980	4,360			*6,040	4,250	7.68m
-6.0 m	kg			*17,360	*17,360	*12,070	9,330	*8,400	6,240					*8,340	6,210	6.02m

SK300NLC		Boom: 6.20 m Arm: 2.40 m Bucket: without Counterweight: 5,540 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						*7,060	*7,060			*7,330	6,710	6.63m
6.0 m	kg						*7,370	*7,370	*7,270	5,450	*7,240	5,250	7.66m
4.5 m	kg			*10,620	*10,620		*8,450	7,450	*7,570	5,330	*7,150	4,530	8.28m
3.0 m	kg						*9,860	7,010	*8,230	5,130	7,140	4,180	8.60m
1.5 m	kg						*11,120	6,650	8,590	4,940	6,990	4,060	8.64m
G.L.	kg			*16,450	9,600		11,750	6,460	8,450	4,820	7,200	4,160	8.41m
-1.5 m	kg	*11,310	*11,310	*16,100	9,640		11,710	6,420	8,440	4,810	7,900	4,530	7.88m
-3.0 m	kg	*20,440	19,330	*14,920	9,820		*11,240	6,530			*9,220	5,410	6.98m
-4.5 m	kg			*12,190	10,220						*9,480	7,680	5.53m

SK300NLC		Boom: 6.20 m Arm: 3.10 m Bucket: without Counterweight: 5,540 kg Shoe: 600 mm (Heavy Lift)															
B	A	1.5 m		3.0 m		4.5 m		6.0 m		7.5 m		9.0 m		At max. reach		Radius	
7.5 m	kg														*4,280	*4,280	7.45m
6.0 m	kg									*6,370	5,580				*4,070	*4,070	8.37m
4.5 m	kg							*7,560	*7,560	*6,870	5,410				*4,030	*4,030	8.95m
3.0 m	kg					*12,250	10,740	*9,060	7,150	*7,640	5,180	*6,290	3,920		*4,120	3,750	9.24m
1.5 m	kg					*14,890	9,940	*10,500	6,730	*8,450	4,950	*6,570	3,810		*4,370	3,640	9.28m
G.L.	kg					*16,150	9,590	*11,510	6,460	8,430	4,790	*5,690	3,740		*4,800	3,700	9.06m
-1.5 m	kg			*11,650	*11,650	*16,330	9,520	11,640	6,350	8,350	4,720				*5,550	3,970	8.57m
-3.0 m	kg	*13,610	*13,610	*18,300	*18,300	*15,630	9,630	*11,640	6,390	8,420	4,780				*6,970	4,580	7.76m
-4.5 m	kg			*19,360	*19,360	*13,750	9,920	*10,120	6,610						*8,950	5,980	6.50m

SK300NLC		Boom: 6.20 m Arm: 4.00 m Bucket: without Counterweight: 5,540 kg Shoe: 600 mm (Heavy Lift)															
B	A	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														*3,360	*3,360	7.26m
7.5 m	kg														*3,040	*3,040	8.49m
6.0 m	kg									*5,240	*5,240	*4,300	4,070		*2,900	*2,900	9.31m
4.5 m	kg									*5,830	5,430	*5,710	3,990		*2,870	*2,870	9.83m
3.0 m	kg			*16,410	*16,410	*9,960	*9,960	*7,730	7,220	*6,680	5,150	*6,150	3,850		*2,920	*2,920	10.10m
1.5 m	kg					*13,000	10,030	*9,330	6,690	*7,600	4,860	6,470	3,690		*3,070	3,050	10.13m
G.L.	kg			*7,360	*7,360	*14,990	9,400	*10,620	6,300	8,280	4,620	6,320	3,560		*3,330	3,080	9.93m
-1.5 m	kg	*7,090	*7,090	*10,630	*10,630	*15,850	9,150	11,380	6,090	8,120	4,480	6,250	3,490		*3,770	3,260	9.49m
-3.0 m	kg	*10,790	*10,790	*15,010	*15,010	*15,790	9,150	11,320	6,040	8,090	4,460				*4,520	3,650	8.77m
-4.5 m	kg	*15,200	*15,200	*21,200	18,370	*14,740	9,340	*10,910	6,150	*8,210	4,590				*6,040	4,470	7.68m
-6.0 m	kg			*17,360	*17,360	*12,070	9,780	*8,400	6,550						*8,340	6,520	6.02m

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

Engine

Model	HINO J08EYD-KSSL
Type	Direct injection, water-cooled, 4 cycle diesel engine with turbocharger, intercooler complies with EU stage V exhaust emission regulation
No. of cylinders	6
Bore and stroke	112 mm × 130 mm
Displacement	7.684 L
Rated power output	188 kW /2,100 min ⁻¹ (ISO 9249: with fan)
	200 kW /2,100 min ⁻¹ (ISO 14396: without fan)
Max. torque	988 N·m /1,600 min ⁻¹ (ISO 9249: with fan)
	1,017 N·m /1,600 min ⁻¹ (ISO 14396: without fan)

Hydraulic system

Pump	
Type	Axial piston pumps + extra gear pump + pilot gear pump
Max. discharge flow	2 × 245 L/min , 1 × 42.6 L/min , 1 × 21 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	35.8 MPa {365 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 valve
Oil cooler	Air cooled type

Swing system

Swing motor	One fixed displacement piston motor
Brake	Oil disc brake, hydraulic operated automatically
Parking brake	Wet multiple plate
Swing speed	10.2 min ⁻¹
Tail swing radius	3,300 mm
Min. front swing radius	4,430 mm
Swing torque	98.6 kN·m

Attachments

Backhoe bucket and combination.

Use	Backhoe bucket					
	Normal digging					
Bucket capacity	ISO heaped	m ³	0.60	0.80	1.20	1.40
Opening width		mm	800	1,000	1,420	1,400
Bucket weight		kg	620	720	950	930
Combination	2.40 m short arm		○	○	○	○
	3.10 m standard arm		○	○	○	△
	4.00 m long arm		○	△	△	△

○ Recommended △ Loading only

Travel system

Travel motors	2 × axial-piston, two-step motors
Travel brakes	Hydraulic brake per motor
Parking brakes	Oil disc brake per motors
Travel shoes	50 each side
Travel speed	5.2 km/h 3.1 km/h
Drawbar pulling force	280 kN (SAE)
Gradeability	70 % {35°}

Cab & control

Cab	
All-weather, sound-suppressed steel cab mounted on the silicon-sealed viscous mounts and equipped with a heavy, insulated floor mat	
Control	
Two hand levers and two pedals for travel	
Two hand levers for excavating and swing	
Electric rotary-type engine throttle	
Noise levels	
External	105 dB(A) (2000/14/EC)
Operator	72 dB(A) (ISO 6396: 2008)
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	140 mm × 1,305 mm
Arm cylinder	150 mm × 1,675 mm
Bucket cylinder	130 mm × 1,208 mm
Jib cylinder	150 mm × 1,230 mm

Refilling capacities & lubrications

Fuel tank	503L
Cooling system	35 L
Engine oil	28.5 L
Travel reduction gear	2 × 7.5 L
Swing reduction gear	1 × 7.4 L
Hydraulic oil tank	245 L tank oil level
	410 L hydraulic system
DEF/Urea tank	83 L

Working ranges

Unit: m

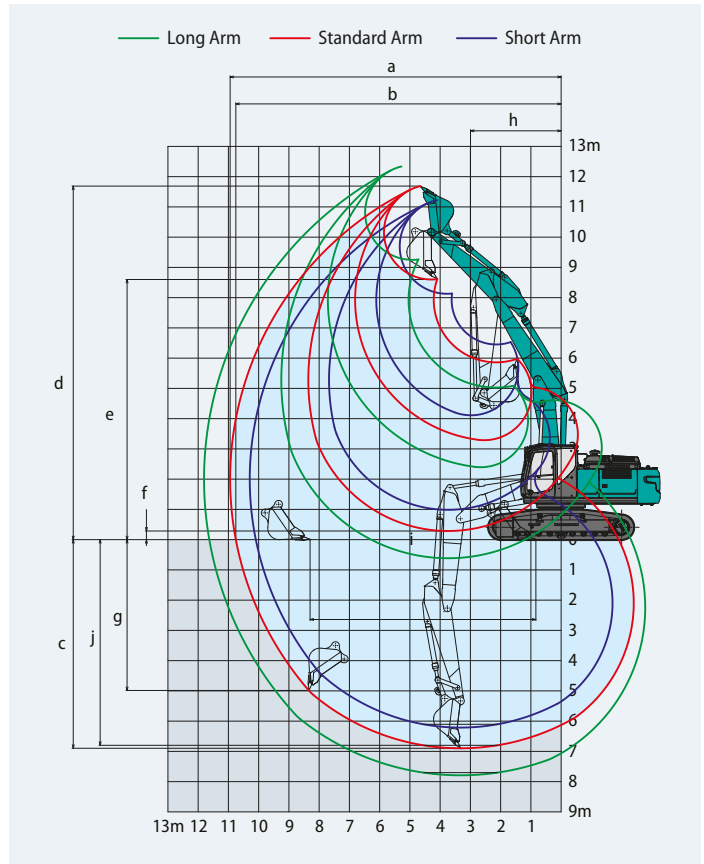
Boom	3.32 m + 2.98 m			
Range	Arm	Short 2.40 m	Standard 3.10 m	Long 4.00 m
a- Max. digging reach		10.29	10.94	11.81
b- Max. digging reach at ground level		10.09	10.76	11.63
c- Max. digging depth		6.21	6.90	7.79
d- Max. digging height		11.22	11.69	12.34
e- Max. dumping clearance		8.13	8.60	9.25
f- Min. dumping clearance		0.99	0.29	0.62
g- Max. vertical wall digging depth		4.36	4.99	5.75
h- Min. swing radius		3.40	3.00	3.12
i- Horizontal digging stroke at ground level		6.15	7.47	9.20
j- Digging depth for 2.4m(8') flat bottom		6.10	6.80	7.70
Bucket capacity ISO heaped m ³		1.40	1.20	1.00

Digging Force (ISO 6015)

Unit: kN

Arm length	Short 2.40 m	Standard 3.10 m	Long 4.00 m
Bucket digging force	188 208*	188 208*	188 208*
Arm crowding force	158 174*	126 139*	105 115*

*Power Boost engaged



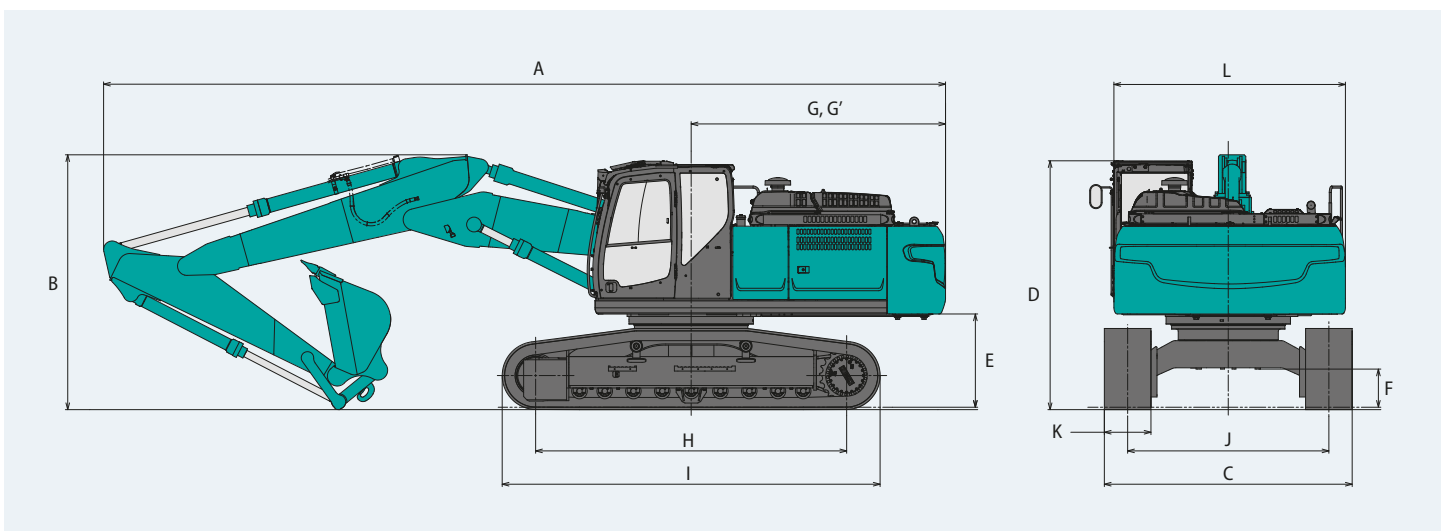
Dimensions

Arm length	Short 2.40 m	Standard 3.10 m	Long 4.00 m
A Overall length	10,840	10,780	10,860
B Overall height (to top of boom)	3,280	3,110	3,470
C Overall width of crawler	SK300LC	3,190	
	SK300NLC	2,990	
D Overall height (to top of cab)	3,200		
E Ground clearance of rear end*	1,200		
F Ground clearance*	490		

Unit: mm

G Tail swing radius	3,300	
G' Distance from centre of swing to rear end	3,270	
H Tumbler distance	4,000	
I Overall length of crawler	4,870	
J Track gauge	SK300LC	2,590
	SK300NLC	2,390
K Shoe width	600	
L Overall width of upperstructure	2,980	

*Without including height of shoe



Operating weight & ground pressure

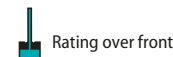
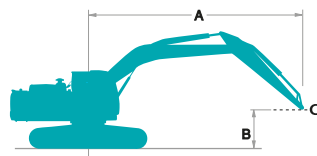
In standard trim, with 2 piece boom, 3.10 m arm, and 1.20 m³ ISO heaped bucket.

Shaped			Triple grouser shoes (even height)				Double grouser shoes
Shoe width	mm		600	700	800	900	600
Overall width of crawler	SK300LC	mm	3,190	3,290	3,390	3,490	3,190
	SK300NLC	mm	2,990	3,090	—	—	2,990
Ground pressure	SK300LC	kPa	59	52	46	41	60
	SK300NLC	kPa	59	52	—	—	60
Operating weight	SK300LC	kg	31,300	31,900	32,300	32,700	31,400
	SK300NLC	kg	31,200	31,900	—	—	31,400

In standard trim, with 2 piece boom, 3.10 m arm, and 1.20 m³ ISO heaped bucket (optional counterweight 5,540 kg).

Shaped			Triple grouser shoes (even height)				Double grouser shoes
Shoe width	mm		600	700	800	900	600
Overall width of crawler	SK300LC	mm	3,190	3,290	3,390	3,490	3,190
	SK300NLC	mm	2,990	3,090	—	—	2,990
Ground pressure	SK300LC	kPa	61	53	47	42	61
	SK300NLC	kPa	60	53	—	—	61
Operating weight	SK300LC	kg	31,900	32,500	32,900	33,300	32,000
	SK300NLC	kg	31,800	32,500	—	—	32,000

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}

SK300LC		2 Piece Boom		Arm: 2.40 m		Bucket: without		Counterweight: 4,940 kg		Shoe: 600 mm (Heavy Lift)				
A		1.5 m		3.0 m		4.5 m		6.0 m		7.5 m		At max. reach		Radius
B														
9.0 m	kg					*10,680	*10,680					*7,070	*7,070	5.05 m
7.5 m	kg							*6,310	*6,310			*5,450	*5,450	6.72 m
6.0 m	kg					*11,240	*11,240	*9,390	7,990	*5,410	*5,410	*4,780	*4,780	7.73 m
4.5 m	kg			*14,850	*14,850	*13,250	11,690	*10,190	7,560	*5,510	5,340	*4,480	4,440	8.36 m
3.0 m	kg			*20,090	*20,090	*14,970	10,670	*11,110	7,050	*5,610	5,110	*4,400	4,080	8.67 m
1.5 m	kg			*25,060	20,410	*16,030	9,970	11,330	6,640	*6,180	4,900	*4,500	3,960	8.71 m
G.L.	kg	*27,700	*27,700	*24,270	19,810	*14,930	9,660	*7,560	6,430	*7,140	4,770	*4,800	4,070	8.48 m
-1.5 m	kg					*13,570	9,740	*10,670	6,400	*7,590	4,770	*5,410	4,460	7.92 m
-3.0 m	kg					*10,960	9,980	*8,670	6,560			*6,500	5,350	7.07 m
-4.5 m	kg			*17,560	*17,560							*4,490	*4,490	5.64 m

SK300LC		2 Piece Boom		Arm: 3.10 m		Bucket: without		Counterweight: 4,940 kg		Shoe: 600 mm (Heavy Lift)						
A		1.5 m		3.0 m		4.5 m		6.0 m		7.5 m		9.0 m		At max. reach	Radius	
B																
9.0 m	kg							*5,750	*5,750					*4,940	*4,940	6.12 m
7.5 m	kg							*8,240	*8,240	*4,650	*4,650			*4,340	*4,340	7.55 m
6.0 m	kg							*8,630	8,200	*4,850	*4,850			*4,030	*4,030	8.46 m
4.5 m	kg			*18,030	*18,030	*12,020	*12,020	*9,510	7,750	*4,520	*4,520	*3,950	*3,950	*3,810	*3,810	9.03 m
3.0 m	kg			*21,760	21,560	*14,380	10,940	*10,570	7,210	*4,520	*4,520	*4,560	3,880	*3,750	3,640	9.32 m
1.5 m	kg			*25,200	19,650	*15,810	10,020	*11,390	6,730	*5,020	4,920	*4,810	3,760	*3,830	3,540	9.36 m
G.L.	kg			*22,270	19,300	*15,770	9,640	11,090	6,420	*6,070	4,730	*4,690	3,690	*4,060	3,610	9.14 m
-1.5 m	kg			*10,830	*10,830	*14,630	9,590	*8,780	6,310	*7,330	4,660			*4,510	3,880	8.66 m
-3.0 m	kg			*15,690	*15,690	*12,510	9,750	*9,700	6,380	*7,180	4,750			*5,360	4,500	7.86 m
-4.5 m	kg	*26,470	*26,470	*22,130	20,800	*13,680	10,300	*8,150	6,710					*5,280	*5,280	6.61 m

SK300LC		2 Piece Boom Arm: 4.00 m Bucket: without Counterweight: 4,940 kg Shoe: 600 mm (Heavy Lift)															
B	A	1.5 m		3.0 m		4.5 m		6.0 m		7.5 m		9.0 m		At max. reach		Radius	
10.5 m	kg														*4,210	*4,210	5.52 m
9.0 m	kg														*3,420	*3,420	7.39 m
7.5 m	kg									*4,240	*4,240				*3,070	*3,070	8.60 m
6.0 m	kg							*6,800	*6,800	*6,690	5,750	*3,840	*3,840		*2,910	*2,910	9.41 m
4.5 m	kg					*8,420	*8,420	*8,360	7,960	*7,330	5,500	*3,860	*3,860		*2,860	*2,860	9.92 m
3.0 m	kg	*36,410	*36,410	*19,720	*19,720	*12,650	11,420	*9,570	7,340	*7,920	5,180	*3,900	3,830		*2,900	*2,900	10.19 m
1.5 m	kg	*17,480	*17,480	*24,050	19,380	*14,710	10,180	*10,630	6,730	8,090	4,850	*4,170	3,650		*3,020	2,950	10.22 m
G.L.	kg	*18,570	*18,570	*6,600	*6,600	*15,520	9,460	*10,970	6,290	*4,380	*4,380	*4,630	3,510		*3,200	*2,990	10.03 m
-1.5 m	kg			*9,930	*9,930	*15,130	9,200	10,710	6,050	*5,830	4,430	*4,970	3,440		*3,510	3,170	9.59 m
-3.0 m	kg			*14,380	*14,380	*13,690	9,220	*9,640	6,020	*7,260	4,420				*4,060	3,570	8.87 m
-4.5 m	kg					*11,070	9,480	*8,430	6,170	*5,950	4,590				*5,090	4,400	7.80 m
-6.0 m	kg			*17,650	*17,650	*10,470	10,150								*3,720	*3,720	6.17 m

SK300LC		2 Piece Boom Arm: 2.40 m Bucket: without Counterweight: 5,540 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			
9.0 m	kg					*10,680	*10,680								*7,070	*7,070	5.05 m
7.5 m	kg							*6,310	*6,310						*5,450	*5,450	6.72 m
6.0 m	kg					*11,240	*11,240	*9,390	8,420	*5,410	*5,410				*4,780	*4,780	7.73 m
4.5 m	kg			*14,850	*14,850	*13,250	12,330	*10,190	7,990	*5,510	*5,510				*4,480	*4,480	8.36 m
3.0 m	kg			*20,090	*20,090	*14,970	11,320	*11,110	7,480	*5,610	5,430				*4,400	4,350	8.67 m
1.5 m	kg			*25,060	21,660	*16,030	10,610	*11,670	7,070	*6,180	5,220				*4,500	4,240	8.71 m
G.L.	kg	*27,700	*27,700	*24,270	21,070	*14,930	10,300	*7,560	6,860	*7,140	5,090				*4,800	4,350	8.48 m
-1.5 m	kg					*13,570	10,380	*10,670	6,830	*7,590	5,100				*5,410	4,760	7.95 m
-3.0 m	kg					*10,960	10,620	*8,670	6,990						*6,500	5,700	7.07 m
-4.5 m	kg			*17,560	*17,560										*4,490	*4,490	5.64 m













SK300LC		2 Piece Boom Arm: 3.10 m Bucket: without Counterweight: 5,540kg Shoe: 600 mm (Heavy Lift)															
B	A	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							*5,750	*5,750						*4,940	*4,940	6.12 m
7.5 m	kg							*8,240	*8,240	*4,650	*4,650				*4,340	*4,340	7.55 m
6.0 m	kg							*8,630	*8,630	*4,850	*4,850				*4,030	*4,030	8.46 m
4.5 m	kg			*18,030	*18,030	*12,020	*12,020	*9,510	8,190	*4,520	*4,520	*3,950	*3,950		*3,810	*3,810	9.03 m
3.0 m	kg			*21,760	*21,760	*14,380	11,580	*10,570	7,640	*4,520	*4,520	*4,560	4,140		*3,750	*3,750	9.32 m
1.5 m	kg			*25,200	20,900	*15,810	10,660	*11,390	7,160	*5,020	*5,020	*4,810	4,020		*3,830	3,790	9.36 m
G.L.	kg			*22,270	20,550	*15,770	10,280	*11,620	6,860	*6,070	5,060	*4,690	3,950		*4,060	3,860	9.14 m
-1.5 m	kg			*10,830	*10,830	*14,630	10,230	*8,780	6,750	*7,330	4,990				*4,510	4,160	8.66 m
-3.0 m	kg			*15,690	*15,690	*12,510	10,390	*9,700	6,810	*7,180	5,080				*5,360	4,810	7.86 m
-4.5 m	kg	*26,470	*26,470	*22,130	22,050	*13,680	10,940	*8,150	7,140						*5,280	*5,280	6.61 m













SK300LC		2 Piece Boom Arm: 4.00 m Bucket: without Counterweight: 5,540 kg Shoe: 600 mm (Heavy Lift)															
B	A	1.5 m		3.0 m		4.5 m		6.0 m		7.5 m		9.0 m		At max. reach		Radius	
10.5 m	kg														*4,210	*4,210	5.52 m
9.0 m	kg														*3,420	*3,420	7.39 m
7.5 m	kg									*4,240	*4,240				*3,070	*3,070	8.60 m
6.0 m	kg							*6,800	*6,800	*6,690	6,080	*3,840	*3,840		*2,910	*2,910	9.41 m
4.5 m	kg					*8,420	*8,420	*8,360	*8,360	*7,330	5,830	*3,860	*3,860		*2,860	*2,860	9.92 m
3.0 m	kg	*36,410	*36,410	*19,720	*19,720	*12,650	12,070	*9,570	7,770	*7,920	5,500	*3,900	*3,900		*2,900	*2,900	10.19 m
1.5 m	kg	*17,480	*17,480	*24,050	20,630	*14,710	10,820	*10,630	7,160	*8,480	5,170	*4,170	3,910		*3,020	*3,020	10.22 m
G.L.	kg	*18,570	*18,570	*6,600	*6,600	*15,520	10,110	*11,230	6,720	*4,380	*4,380	*4,630	3,770		*3,200	*3,200	10.03 m
-1.5 m	kg			*9,930	*9,930	*15,130	9,840	*11,170	6,490	*5,830	4,760	*4,970	3,700		*3,510	3,410	9.59 m
-3.0 m	kg			*14,380	*14,380	*13,690	9,870	*9,640	6,450	*7,260	4,740				*4,060	3,840	8.87 m
-4.5 m	kg					*11,070	10,120	*8,430	6,600	*5,950	4,920				*5,090	4,710	7.80 m
-6.0 m	kg			*17,650	*17,650	*10,470	*10,470								*3,720	*3,720	6.17 m













Notes:













- Do not attempt to lift or hold any load that is greater than these lift capacities at their specified lift point radius and heights. Weight of all accessories must be deducted from the above lift capacities.
- Lift capacities 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.
- Arm top defined as lift point.
- 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.
- 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.

SK300NLC		2 Piece Boom		Arm: 2.40 m		Bucket: without		Counterweight: 4,940 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		
																
9.0 m	kg							*10,680	*10,680					*7,070	*7,070	5.05 m
7.5 m	kg									*6,310	*6,310			*5,450	*5,450	6.72 m
6.0 m	kg							*11,240	*11,240	*9,390	7,330	*5,410	5,020	*4,780	4,720	7.73 m
4.5 m	kg				*14,850	*14,850	*13,250	10,600	*10,190	6,900	*5,510	4,880	*4,480	4,050	8.36 m	
3.0 m	kg				*20,090	19,690	*14,970	9,620	*11,110	6,400	*5,610	4,650	*4,400	3,710	8.67 m	
1.5 m	kg				*25,060	17,860	*16,030	8,940	11,250	6,000	*6,180	4,440	*4,500	3,600	8.71 m	
G.L.	kg	*27,700	*27,700	*24,270	17,310	*14,930	8,640	*7,560	5,800	*7,140	4,320	*4,800	3,690	8.48 m		
-1.5 m	kg						*13,570	8,710	*10,670	5,770	*7,590	4,320	*5,410	4,040	7.95 m	
-3.0 m	kg						*10,960	8,950	*8,670	5,930			*6,500	4,850	7.07 m	
-4.5 m	kg				*17,560	*17,560							*4,490	*4,490	5.64 m	

SK300NLC		2 Piece Boom		Arm: 3.10 m		Bucket: without		Counterweight: 4,940 kg		Shoe: 600 mm (Heavy Lift)							
B	A	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								*5,750	*5,750				*4,940	*4,940	6.12 m	
7.5 m	kg								*8,240	7,750	*4,650	*4,650		*4,340	*4,340	7.55 m	
6.0 m	kg								*8,630	7,530	*4,850	*4,850		*4,030	*4,030	8.46 m	
4.5 m	kg				*18,030	*18,030	*12,020	11,090	*9,510	7,100	*4,520	*4,520	*3,950	3,260	*3,810	3,590	9.03 m
3.0 m	kg				*21,760	18,940	*14,380	9,880	*10,570	6,560	*4,520	*4,520	*4,560	3,520	*3,750	3,310	9.32 m
1.5 m	kg				*25,200	17,140	*15,810	8,980	11,360	6,090	*5,020	4,460	*4,810	3,410	*3,830	3,210	9.36 m
G.L.	kg				*22,270	16,820	*15,770	8,620	11,010	5,790	*6,070	4,280	*4,690	3,340	*4,060	3,260	9.14 m
-1.5 m	kg				*10,830	*10,830	*14,630	8,570	*8,780	5,690	*7,330	4,210			*4,510	3,520	8.66 m
-3.0 m	kg				*15,690	*15,690	*12,510	8,720	*9,700	5,750	*7,180	4,300			*5,360	4,080	7.86 m
-4.5 m	kg	*26,470	*26,470	*22,130	18,230	*13,680	9,260	*8,150	6,070					*5,280	*5,280	6.61 m	

SK300NLC		2 Piece Boom		Arm: 4.00 m		Bucket: without		Counterweight: 4,940 kg		Shoe: 600 mm (Heavy Lift)							
B	A	1.5 m		3.0 m		4.5 m		6.0 m		7.5 m		9.0 m		At max. reach		Radius	
																	
10.5 m	kg													*4,210	*4,210	5.52 m	
9.0 m	kg													*3,420	*3,420	7.39 m	
7.5 m	kg										*4,240	*4,240		*3,070	*3,070	8.60 m	
6.0 m	kg								*6,800	*6,800	*6,690	5,280	*3,840	3,730	*2,910	*2,910	9.41 m
4.5 m	kg						*8,420	*8,420	*8,360	7,290	*7,330	5,030	*3,860	3,630	*2,860	*2,860	9.92 m
3.0 m	kg	*36,410	*36,410	*19,720	*19,720	*12,650	10,330	*9,570	6,680	*7,920	4,710	*3,900	3,470	*2,900	2,750	10.19 m	
1.5 m	kg	*17,480	*17,480	*24,050	16,880	*14,710	9,130	*10,630	6,090	8,040	4,390	*4,170	3,300	*3,020	2,660	10.22 m	
G.L.	kg	*18,570	*18,570	*6,600	*6,600	*15,520	8,440	10,900	5,650	*4,380	4,130	*4,630	3,160	*3,200	2,680	10.03 m	
-1.5 m	kg				*9,930	*9,930	*15,130	8,180	10,630	5,430	*5,830	3,980	*4,970	3,090	*3,510	2,850	9.59 m
-3.0 m	kg				*14,380	*14,380	*13,690	8,200	*9,640	5,390	*7,260	3,970			*4,060	3,210	8.87 m
-4.5 m	kg						*11,070	8,450	*8,430	5,540	*5,950	4,140			*5,090	3,970	7.80 m
-6.0 m	kg				*17,650	*17,650	*10,470	9,100							*3,720	*3,720	6.17 m

SK300NLC		2 Piece Boom		Arm: 2.40 m		Bucket: without		Counterweight: 5,540 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		
																
9.0 m	kg							*10,680	*10,680					*7,070	*7,070	5.05 m
7.5 m	kg									*6,310	*6,310			*5,450	*5,450	6.72 m
6.0 m	kg							*11,240	*11,240	*9,390	7,740	*5,410	5,330	*4,780	*4,780	7.73 m
4.5 m	kg				*14,850	*14,850	*13,250	11,210	*10,190	7,320	*5,510	5,190	*4,480	4,320	8.36 m	
3.0 m	kg				*20,090	*20,090	*14,970	10,230	*11,110	6,820	*5,610	4,970	*4,400	3,970	8.67 m	
1.5 m	kg				*25,060	19,010	*16,030	9,550	*11,670	6,420	*6,180	4,760	*4,500	3,860	8.71 m	
G.L.	kg	*27,700	*27,700	*24,270	18,450	*14,930	9,250	*7,560	6,210	*7,140	4,630	*4,800	3,960	8.48 m		
-1.5 m	kg						*13,570	9,320	*10,670	6,180	*7,590	4,630	*5,410	4,330	7.95 m	
-3.0 m	kg						*10,960	9,550	*8,670	6,340			*6,500	5,190	7.07 m	
-4.5 m	kg				*17,560	*17,560							*4,490	*4,490	5.64 m	

SK300NLC		2 Piece Boom Arm: 3.10 m Bucket: without Counterweight: 5,540 kg Shoe: 600 mm (Heavy Lift)														
B	A	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							*5,750	*5,750					*4,940	*4,940	6.12 m
7.5 m	kg							*8,240	8,160	*4,650	*4,650			*4,340	*4,340	7.55 m
6.0 m	kg							*8,630	7,940	*4,850	*4,850			*4,030	*4,030	8.46 m
4.5 m	kg			*18,030	*18,030	*12,020	11,700	*9,510	7,510	*4,520	*4,520	*3,950	3,870	*3,810	*3,810	9.03 m
3.0 m	kg			*21,760	20,090	*14,380	10,480	*10,570	6,970	*4,520	*4,520	*4,560	3,770	*3,750	3,550	9.32 m
1.5 m	kg			*25,200	18,290	*15,810	9,590	*11,390	6,500	*5,020	4,770	*4,810	3,660	*3,830	3,450	9.36 m
G.L.	kg			*22,270	17,970	*15,770	9,220	11,560	6,210	*6,070	4,590	*4,690	3,590	*4,060	3,510	9.14 m
-1.5 m	kg			*10,830	*10,830	*14,630	9,170	*8,780	6,100	*7,330	4,530			*4,510	3,780	8.66 m
-3.0 m	kg			*15,690	*15,690	*12,510	9,320	*9,700	6,160	*7,180	4,610			*5,360	4,380	7.86 m
-4.5 m	kg	*26,470	*26,470	*22,130	19,380	*13,680	9,860	*8,150	6,490					*5,280	*5,280	6.61 m

SK300NLC		2 Piece Boom Arm: 4.00 m Bucket: without Counterweight: 5,540 kg Shoe: 600 mm (Heavy Lift)														
B	A	1.5 m		3.0 m		4.5 m		6.0 m		7.5 m		9.0 m		At max. reach		Radius
10.5 m	kg													*4,210	*4,210	5.52 m
9.0 m	kg													*3,420	*3,420	7.39 m
7.5 m	kg									*4,240	*4,240			*3,070	*3,070	8.60 m
6.0 m	kg							*6,800	*6,800	*6,690	5,590	*3,840	*3,840	*2,910	*2,910	9.41 m
4.5 m	kg					*8,420	*8,420	*8,360	7,710	*7,330	5,350	*3,860	*3,860	*2,860	*2,860	9.92 m
3.0 m	kg	*36,410	*36,410	*19,720	*19,720	*12,650	10,940	*9,570	7,090	*7,920	5,020	*3,900	3,720	*2,900	*2,900	10.19 m
1.5 m	kg	*17,480	*17,480	*24,050	18,030	*14,710	9,740	*10,630	6,500	8,440	4,700	*4,170	3,550	*3,020	2,870	10.22 m
G.L.	kg	*18,570	*18,570	*6,600	*6,600	*15,520	9,040	*11,230	6,070	*4,380	*4,380	*4,630	3,410	*3,200	2,910	10.03 m
-1.5 m	kg			*9,930	*9,930	*15,130	8,790	*11,170	5,840	*5,830	4,290	*4,970	3,340	*3,510	3,080	9.59 m
-3.0 m	kg			*14,380	*14,380	*13,690	8,810	*9,640	5,800	*7,260	4,280			*4,060	3,470	8.87 m
-4.5 m	kg					*11,070	9,060	*8,430	5,950	*5,950	4,450			*5,090	4,270	7.80 m
-6.0 m	kg			*17,650	*17,650	*10,470	9,710							*3,720	*3,720	6.17 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	SK300(N)LC-11			
		Mono Boom / 2 Piece Boom			
		LC		NLC	
Engine	Hino J08EYD-KSSL (EU Stage V compliant)		●		
	Exhaust DOC DPF SCR system		●		
	Alternator 24 V /60 A		●		
	Starter motor 24 V/5 kW		●		
	Batteries 2 x 120Ah		●		
	Fan suction type cooling system		●		
	Auto deceleration function		●		
	Auto idle stop (AIS)		●		
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)		●		
	Hydraulic oil VG32		●		
	Hydraulic oil VG46		○		
	Hydraulic oil VG68		○		
Piping	E & N&B piping		●		
	E & N&B piping + Bigger capacity P4 pump (93.9 L/min)		○		
	Standard piping (only mono boom spec)	○		—	
	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		●		
	12V power supply		●		
	Rain visor		○		
	Sun screen		○		
Lights	LED work lights ; 2 on boom & 1 on upper frame		●		
	LED work lights ; 2 on Cab top front		○		
Working equipment	Standard Boom (6.20 m)		●		
	2 Piece Boom		○		
	Standard HD arm (3.10 m) with rock guard		●		
	Short HD arm (2.40 m) with rock ruard		○		
	Long HD arm (4.00 m) with rock guard		○		
	OHK hook		●		
Counterweight	Standard C/W (TTL 4,935 kg)		●		
	Semi heavier C/W (TTL 5,535 kg)		○		
Undercarriage	600 mm steel shoe		●		
	600 mm double grouser shoe		○		
	700 mm steel shoe		○		
	800 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 0.9 kg (CO₂ equivalent 1.3 t).
Note: Bluetooth* is a registered trademark of the Bluetooth SIG Inc.

SK300_{LC} **SK300_{NLC}**
SK300LC-11 SK300NLC-11

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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