

KOBELCO

SK260LC/SK260NLC-11

Performance  Design

SK260_{LC} SK260_{NLC}

- Bucket capacity:
0.40 – 1.40 m³
- Engine power:
138 kW / 2,100 min⁻¹
- Operating weight:
26,400 – 28,400 kg



We Save You Fuel
Achieving a Low-Carbon Society



Performance Design

SK260LC/SK260NLC of KOBELCO has realised a completely new value by harmonising PERFORMANCE – greater efficiency and productivity with 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.



SK260 LC

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 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.

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.



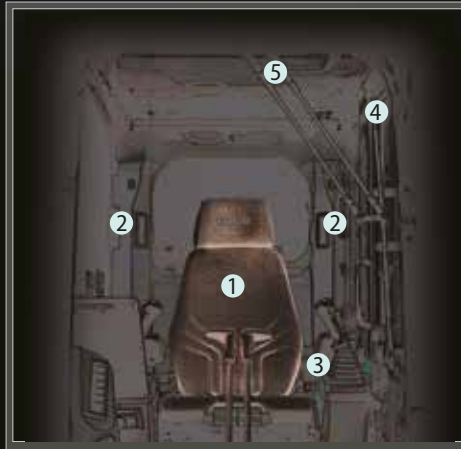
New Hydraulic Control

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)

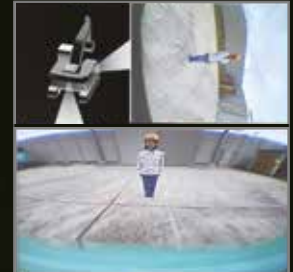
The easy-to-operate menu screen facilitates reading of important information. Images from the built-in cameras can be checked on the large screen, which helps secure safety. In addition, each icon has become easy to recognise. A password is required when starting the engine for greater security.



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

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

The 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

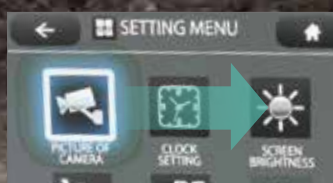


The eagle eye view

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

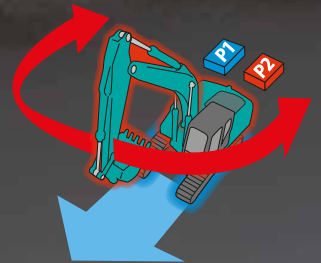
The jog dial can be operated as desired without causing stress. Turn the jog dial to the right or left to select an item and press the dial to confirm the selection.





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 high-output engine

Equipped with a new high-output engine, the SK260LC/SK260NLC features outstanding stability thanks to an innovative new shape for conventional excavator, as well as a larger counterweight.

Model: HINO J05EVB-KSSA

Engine output

138 kW / 2,100 min⁻¹



»» Max. bucket digging force (Arm 2.98 m)

Normal: **170** kN

With Power Boost: **187** kN

Lift capacity

13,390 kg

(Reach: 4.50 m Boom: 6.02 m Arm: 2.98 m Bucket: Without
Shoe: 600 mm <Heavy Lift> At Ground Level)



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.



Adjustment for hydraulic flow

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



EASY MAINTENANCE



Standard OPG Level II top guard

The standard OPG Level II top guard can be tilted open for easy window cleaning. Meets standard FOPS and OPG Level II top guard requirements. (ISO 0262:1998)



Two-stage air filter



Urea tank

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



Left side (radiator and cooling system elements)

Laid out for easy access to radiator and cooling system.



Right side

- ① Fuel filter
- ② Pre-filter
- ③ Engine oil filter



DURABILITY YOU CAN TRUST

Enhanced body rigidity for 25-ton class machines

The SK260LC/SK260NLC 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 wiper/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.



KOBELCO MONITORING EXCAVATOR SYSTEM



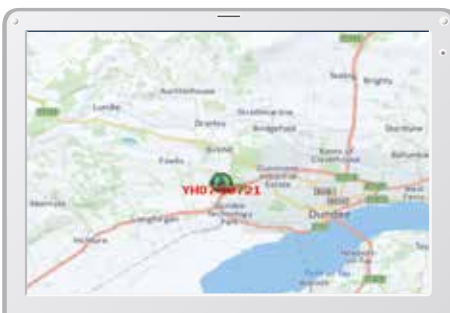
Remote Monitoring for Peace of Mind

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.

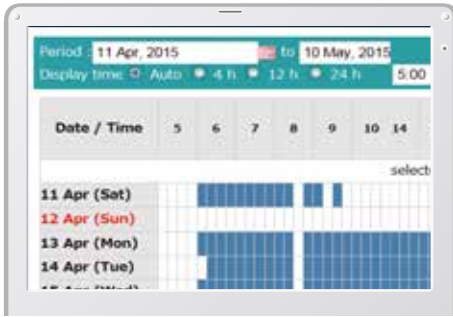


Work data

Period	11 Apr, 2015	15	10 May, 2015	Search
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 %	

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-	YT08-30374		

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	HINO J05EVB-KSSA
Type	Direct injection, water-cooled, 4-cycle diesel engine with turbocharger, intercooler
No. of cylinders	4
Bore and stroke	112 mm x 130 mm
Displacement	5.123 L
Rated power output	133 kW/2,100 min ⁻¹ (ISO 9249 : with fan)
	138 kW/2,100 min ⁻¹ (ISO 14396: without fan)
Max. torque	636 N·m/1,600 min ⁻¹ (ISO 9249: with fan)
	660 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 x 245 L/min, 1 x 42.6 L/min, 1 x 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	34.3 MPa {350 kgf/cm ² }
Swing circuit	28.4 MPa {290 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 (Long Reach)	10.2 (9.2) min ⁻¹
Swing torque	85.9 kN·m



Attachments

Backhoe bucket and combination.

Use	Backhoe bucket						
	Normal digging					Light-duty	
Bucket capacity	ISO heaped	m ³	0.40	0.80	1.00	1.20	1.40
Opening width	With side cutter	mm	854	1,060	1,270	1,440	—
	Without side cutter	mm	754	960	1,180	1,340	1,510
No. of teeth			4	4	5	5	6
Bucket weight		kg	344	700	807	850	890
Combination	2.50 m short arm		—	○	○	◎	△
	2.98 m standard arm		—	○	◎	△	△
	3.66 m long arm		—	◎	△	△	×
	8.25 m arm (Long Reach)		◎	—	—	—	—

◎ Standard ○ Recommended △ Loading only × Not recommended



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	51 each side
Travel speed (Long Reach)	5.8/3.6 km/h (5.3/3.3 km/h)
Drawbar pulling force	243 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 100 dB(A) (2000/14/EC)

Operator 69 dB(A) (ISO 6396)

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	135 mm × 1,235 mm
Arm cylinder	145 mm × 1,635 mm
Bucket cylinder (Long Reach)	125 mm × 1,200 mm (95 mm × 885 mm)
Jib cylinder*	150 mm × 990 mm

*For 2 Piece Boom only



Refilling Capacities & Lubrications

Fuel tank	403 L
Cooling system	21 L
Engine oil	20.5 L
Travel reduction gear	2 × 5.0 L
Swing reduction gear	1 × 5.0 L
Hydraulic oil tank	165 L tank oil level
	273 L hydraulic system
DEF/Urea tank	83 L



Working Ranges

Unit: m

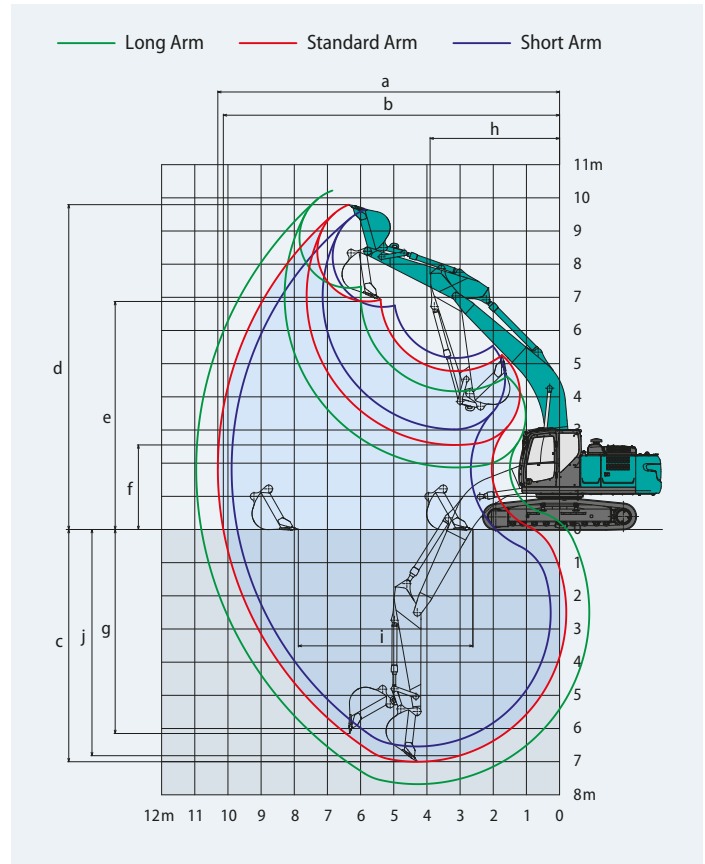
Boom	6.02 m			
Range	Arm	Short 2.50 m	Standard 2.98 m	Long 3.66 m
a- Max. digging reach		9.89	10.30	10.97
b- Max. digging reach at ground level		9.72	10.14	10.82
c- Max. digging depth		6.52	7.00	7.68
d- Max. digging height		9.65	9.79	10.22
e- Max. dumping clearance		6.72	6.88	7.28
f- Min. dumping clearance		3.03	2.55	1.87
g- Max. vertical wall digging depth		5.82	6.15	6.97
h- Min. swing radius		3.91	3.91	3.92
i- Horizontal digging stroke at ground level		4.20	5.26	6.48
j- Digging depth for 2.4 m (8') flat bottom		6.32	6.82	7.54
Bucket capacity ISO heaped m ³		1.20	1.00	0.80

Digging Force (ISO 6015)

Unit: kN

Arm length	Short 2.50 m	Standard 2.98 m	Long 3.66 m
Bucket digging force	170 187*	170 187*	170 187*
Arm crowding force	142 156*	122 134*	104 114*

*Power Boost engaged.



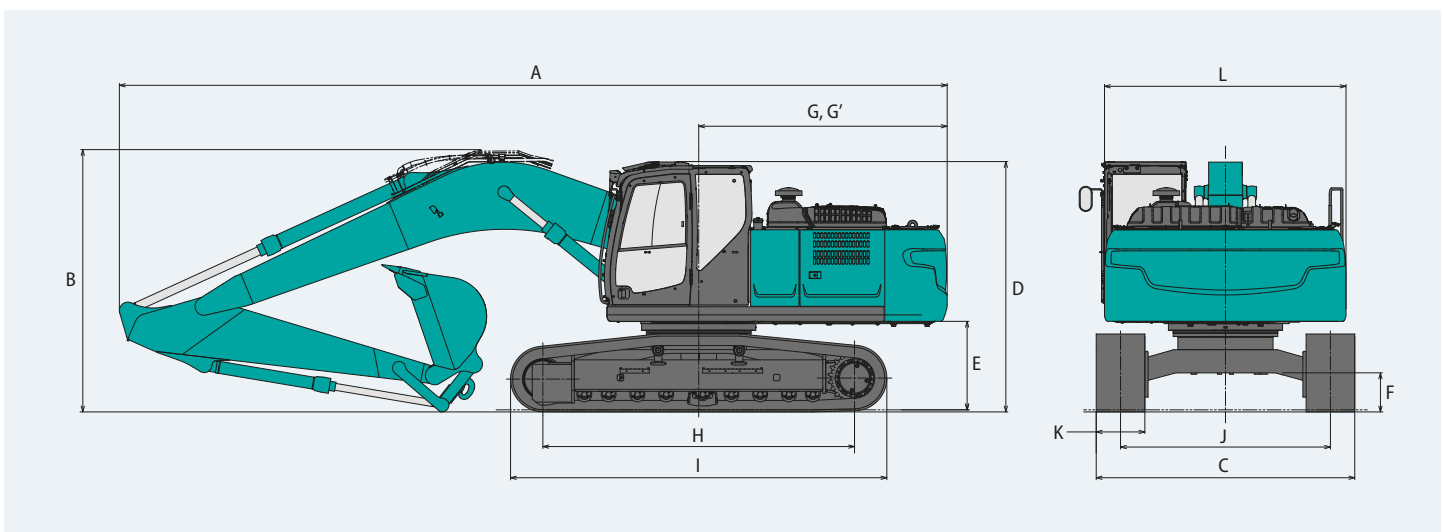
Dimensions

Arm length	Short 2.50 m	Standard 2.98 m	Long 3.66 m
A Overall length	10,270	10,210	10,220
B Overall height (to top of boom)	3,390	3,240	3,370
C Overall width of crawler	SK260LC	3,190	
	SK260NLC	2,990	
D Overall height (to top of cab)	3,090		
E Ground clearance of rear end*	1,090		
F Ground clearance*	440		

Unit: mm

G Tail swing radius	3,100	
G' Distance from centre of swing to rear end	3,070	
H Tumbler distance	3,850	
I Overall length of crawler	4,640	
J Track gauge	SK260LC	2,590
	SK260NLC	2,390
K Shoe width	600	
L Overall width of upperstructure	2,980	

*Without including height of shoe

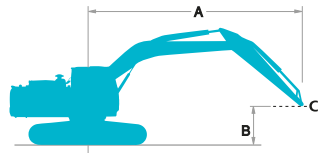


Operating Weight & Ground Pressure

In standard trim, with Standard Boom, 2.98 m arm, and 1.00 m³ ISO heaped bucket.

Shaped			Triple grouser shoes (even height)			
Shoe width	mm		600	700	800	900
Overall width of crawler	SK260LC	mm	3,190	3,290	3,390	3,490
	SK260NLC	mm	2,990	3,090	3,190	—
Ground pressure	SK260LC	kPa	53	46	40	36
	SK260NLC	kPa	52	46	40	—
Operating weight	SK260LC	kg	26,500	26,800	27,100	27,300
	SK260NLC	kg	26,400	26,800	27,000	—

Lift Capacities



Rating over front



Rating over side or 360 degrees

A: Reach from swing centreline to arm top
 B: Arm top height above/below ground
 C: Lift point
 Relief valve setting: 37.8 MPa (385 kgf/cm²)

SK260LC		Boom: 6.02 m		Arm: 2.98 m		Bucket: without		Counterweight: 5,580 kg		Shoe: 600 mm (Heavy Lift)					
B	A	1.5 m		3.0 m		4.5 m		6.0 m		7.5 m		At max. reach			
														Radius	
7.5 m	kg												*4,930	*4,930	6.70 m
6.0 m	kg							*5,800	*5,800	*5,850	5,100	*4,660	*4,660	7.73 m	
4.5 m	kg							*6,590	*6,590	*6,110	5,000	*4,620	4,150	8.37 m	
3.0 m	kg					*10,070	*10,070	*7,720	6,710	*6,660	4,810	*4,750	3,800	8.71 m	
1.5 m	kg					*12,240	9,500	*8,870	6,340	7,010	4,620	*5,060	3,660	8.78 m	
G.L.	kg					*13,390	9,120	9,540	6,080	6,850	4,480	*5,620	3,720	8.58 m	
-1.5 m	kg	*7,380	*7,380	*11,560	*11,560	*13,590	9,030	9,410	5,970	6,790	4,420	6,090	4,000	8.11 m	
-3.0 m	kg	*13,010	*13,010	*18,450	18,270	*12,960	9,120	9,460	6,010			7,130	4,650	7.30 m	
-4.5 m	kg			*15,600	*15,600	*11,200	9,400	*8,040	6,260			*8,010	6,240	6.01 m	

SK260LC		Boom: 6.02 m		Arm: 3.66 m		Bucket: without		Counterweight: 5,580 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									*3,870	*3,870			*3,610	*3,610	7.56 m
6.0 m	kg									*5,080	*5,080			*3,420	*3,420	8.49 m
4.5 m	kg							*5,760	*5,760	*5,450	5,050			*3,380	*3,380	9.08 m
3.0 m	kg			*13,780	*13,780	*8,770	*8,770	*6,950	6,810	*6,080	4,830	*5,250	3,600	*3,450	3,340	9.39 m
1.5 m	kg					*11,190	9,680	*8,210	6,380	*6,780	4,600	5,290	3,490	*3,630	3,230	9.45 m
G.L.	kg			*7,060	*7,060	*12,790	9,130	*9,230	6,050	6,800	4,420	5,200	3,400	*3,960	3,260	9.27 m
-1.5 m	kg	*6,500	*6,500	*10,570	*10,570	*13,440	8,910	9,320	5,880	6,680	4,310			*4,520	3,460	8.83 m
-3.0 m	kg	*10,600	*10,600	*15,510	*15,510	*13,240	8,910	9,290	5,850	6,680	4,310			*5,530	3,920	8.10 m
-4.5 m	kg	*15,650	*15,650	*17,320	*17,320	*12,080	9,100	*8,940	5,980					*7,250	4,920	6.96 m
-6.0 m	kg					*9,100	*9,100							*7,540	*7,540	5.17 m

SK260LC		Boom: 6.02 m Arm: 2.50 m Bucket: without Counterweight: 5,580 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					*6,360	*6,360			*6,440	*6,440	6.14 m
6.0 m	kg					*6,330	*6,330			*6,400	5,260	7.26 m
4.5 m	kg			*8,450	*8,450	*7,060	6,970	*6,510	4,910	*6,400	4,450	7.94 m
3.0 m	kg			*10,850	9,970	*8,140	6,580	*6,960	4,740	6,090	4,050	8.29 m
1.5 m	kg			*12,780	9,290	*9,180	6,240	6,950	4,570	5,910	3,910	8.36 m
G.L.	kg			*13,550	9,030	9,470	6,020	6,820	4,450	6,060	3,980	8.16 m
-1.5 m	kg	*11,410	*11,410	*13,430	9,020	9,400	5,960	6,810	4,440	6,620	4,330	7.66 m
-3.0 m	kg	*17,240	*17,240	*12,500	9,170	*9,380	6,060			7,960	5,170	6.79 m
-4.5 m	kg	*13,930	*13,930	*10,190	9,550					*8,190	7,400	5.38 m

SK260NLC		Boom: 6.02 m Arm: 2.98 m Bucket: without Counterweight: 5,580 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											*4,930	*4,930	6.70 m
6.0 m	kg							*5,800	*5,800	*5,850	4,700	*4,660	4,440	7.73 m
4.5 m	kg							*6,590	6,540	*6,110	4,600	*4,620	3,810	8.37 m
3.0 m	kg					*10,070	9,330	*7,720	6,150	*6,660	4,420	*4,750	3,480	8.71 m
1.5 m	kg					*12,240	8,590	*8,870	5,780	6,990	4,230	*5,060	3,350	8.78 m
G.L.	kg					*13,390	8,230	9,510	5,530	6,830	4,090	*5,620	3,400	8.58 m
-1.5 m	kg	*7,380	*7,380	*11,560	*11,560	*13,590	8,130	9,390	5,430	6,770	4,030	6,070	3,650	8.11 m
-3.0 m	kg	*13,010	*13,010	*18,450	16,070	*12,960	8,220	9,430	5,460			7,110	4,250	7.30 m
-4.5 m	kg			*15,600	*15,600	*11,200	8,500	*8,040	5,710			*8,010	5,690	6.01 m

SK260NLC		Boom: 6.02 m Arm: 3.66 m Bucket: without Counterweight: 5,580 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
7.5 m	kg									*3,870	*3,870			*3,610	*3,610	7.56 m
6.0 m	kg									*5,080	4,790			*3,420	*3,420	8.49 m
4.5 m	kg							*5,760	*5,760	*5,450	4,650	*3,790	3,380	*3,380	3,320	9.08 m
3.0 m	kg			*13,780	*13,780	*8,770	*8,770	*6,950	6,240	*6,080	4,430	*5,250	3,290	*3,450	3,060	9.39 m
1.5 m	kg					*11,190	8,760	*8,210	5,820	*6,780	4,210	5,280	3,190	*3,630	2,940	9.45 m
G.L.	kg			*7,060	*7,060	*12,790	8,230	*9,230	5,500	6,780	4,030	5,180	3,100	*3,960	2,970	9.27 m
-1.5 m	kg	*6,500	*6,500	*10,570	*10,570	*13,440	8,020	9,300	5,330	6,660	3,920			*4,520	3,150	8.83 m
-3.0 m	kg	*10,600	*10,600	*15,510	*15,510	*13,240	8,020	9,260	5,300	6,660	3,930			*5,530	3,570	8.10 m
-4.5 m	kg	*15,650	*15,650	*17,320	16,060	*12,080	8,200	*8,940	5,430					*7,250	4,490	6.96 m
-6.0 m	kg					*9,100	8,660							*7,540	7,120	5.17 m

SK260NLC		Boom: 6.02 m Arm: 2.50 m Bucket: without Counterweight: 5,580 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					*6,360	*6,360			*6,440	*6,440	6.14 m
6.0 m	kg					*6,330	*6,330			*6,400	4,840	7.26 m
4.5 m	kg			*8,450	*8,450	*7,060	6,410	*6,510	4,510	*6,400	4,090	7.94 m
3.0 m	kg			*10,850	9,050	*8,140	6,030	*6,960	4,350	6,080	3,710	8.29 m
1.5 m	kg			*12,780	8,390	*9,180	5,690	6,930	4,180	5,890	3,570	8.36 m
G.L.	kg			*13,550	8,140	9,450	5,480	6,800	4,060	6,040	3,640	8.16 m
-1.5 m	kg	*11,410	*11,410	*13,430	8,120	9,380	5,420	6,790	4,050	6,600	3,950	7.66 m
-3.0 m	kg	*17,240	16,240	*12,500	8,270	*9,380	5,510			7,940	4,720	6.79 m
-4.5 m	kg	*13,930	*13,930	*10,190	8,640					*8,190	6,740	5.38 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.

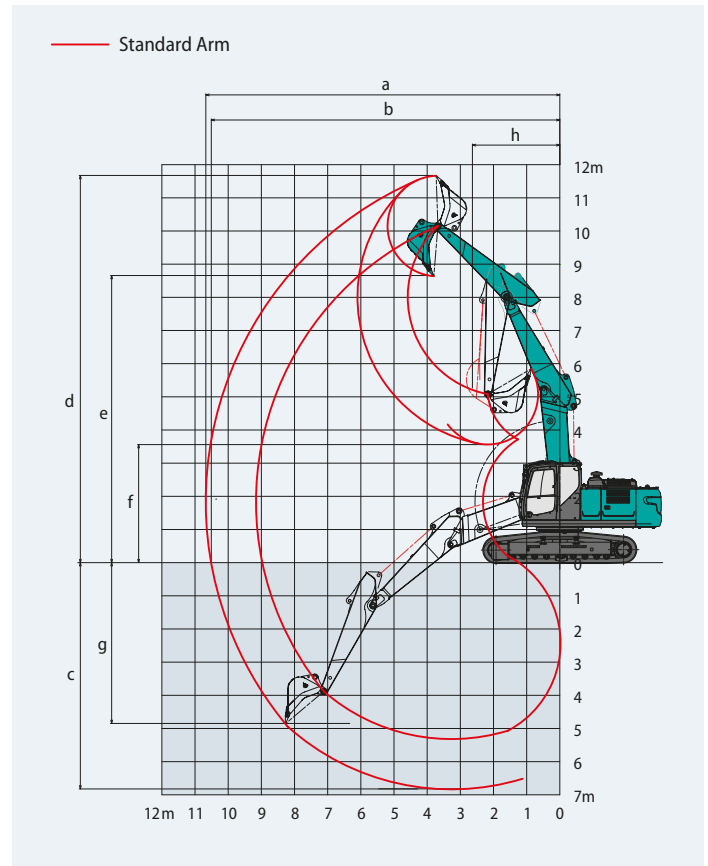
2 Piece Boom Specifications



Working Ranges

Unit: m

Boom	Arm	Standard
		2.98 m
		3.40 m + 3.00 m
a- Max. digging reach		10.67
b- Max. digging reach at ground level		10.51
c- Max. digging depth		6.82
d- Max. digging height		11.67
e- Max. dumping clearance		8.65
f- Min. dumping clearance		3.58
g- Max. vertical wall digging depth		4.92
h- Min. swing radius		2.63
i- Horizontal digging stroke at ground level		8.05
j- Digging depth for 2.4 m (8') flat bottom		6.77
Bucket capacity ISO heaped m ³		1.00



Digging Force (ISO 6015)

Unit: kN

Arm length	Standard
	2.98 m
Bucket digging force	170 187*
Arm crowding force	122 134*

*Power Boost engaged.



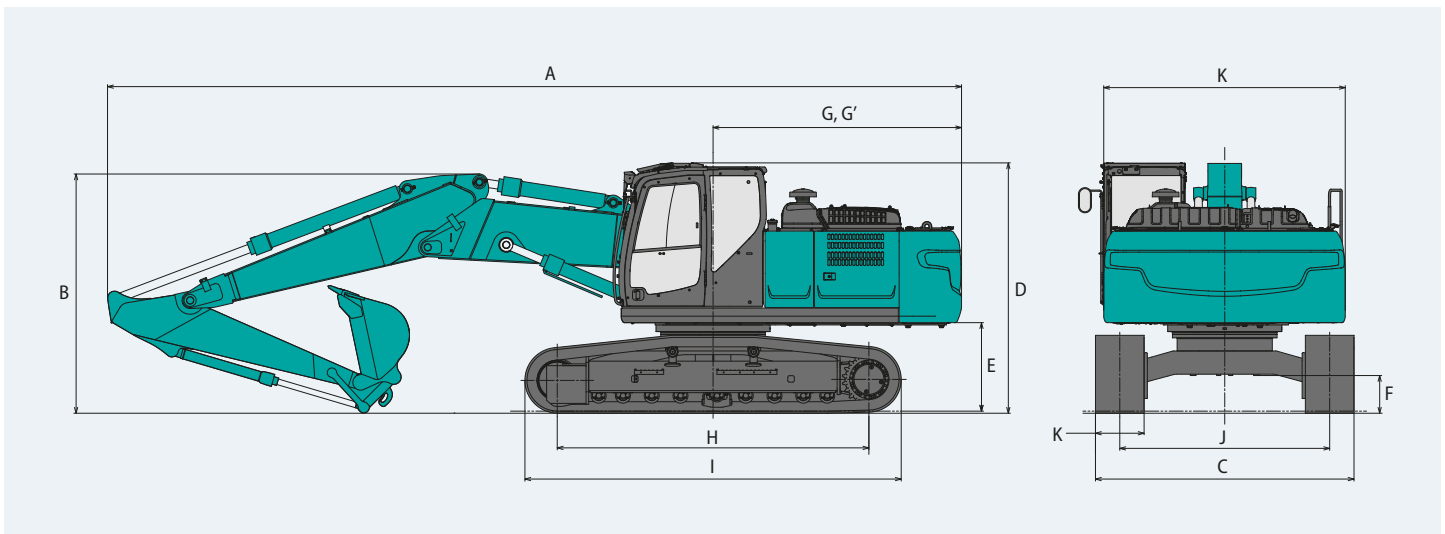
Dimensions

Arm length	Standard	
	2.98 m	
A Overall length	10,570	
B Overall height (to top of boom)	3,050	
C Overall width of crawler	SK260LC	3,190
	SK260NLC	2,990
D Overall height (to top of cab)	3,090	
E Ground clearance of rear end*	1,090	
F Ground clearance*	440	

Unit: mm

G Tail swing radius	3,100	
G' Distance from centre of swing to rear end	3,070	
H Tumbler distance	3,850	
I Overall length of crawler	4,640	
J Track gauge	SK260LC	2,590
	SK260NLC	2,390
K Shoe width	600	
L Overall width of upperstructure	2,980	

*Without including height of shoe

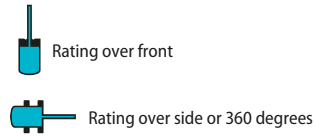
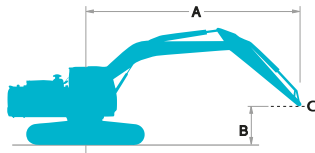


Operating weight & ground pressure

In standard trim, with 2 Piece Boom, 2.98 m arm, and 1.00 m³ ISO heaped bucket.

Shaped			Triple grouser shoes (even height)			
Shoe width		mm	600	700	800	900
Overall width of crawler	SK260LC	mm	3,190	3,290	3,390	3,490
	SK260NLC	mm	2,990	3,090	3,190	—
Ground pressure	SK260LC	kPa	57	50	44	40
	SK260NLC	kPa	57	50	44	—
Operating weight	SK260LC	kg	26,700	27,100	27,500	27,900
	SK260NLC	kg	26,600	27,000	27,400	—

Lift Capacities



A: Reach from swing centreline to arm top
 B: Arm top height above/below ground
 C: Lift point
 Relief valve setting: 37.8 MPa (385 kgf/cm²)

SK260LC		2 Piece Boom		Arm: 2.98 m		Bucket: without		Counterweight: 5,580 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		
B														
7.5 m	kg							*7,300	*7,300			*4,700	*4,700	7.14 m
6.0 m	kg					*8,300	*8,300	*7,600	7,400	*6,700	5,000	*4,200	*4,200	8.12 m
4.5 m	kg			*15,300	*15,300	*10,300	*10,300	*8,200	7,000	*6,900	5,100	*4,000	3,800	8.73 m
3.0 m	kg			*10,300	*10,300	*12,000	*10,100	*8,900	6,800	7,000	4,800	*3,900	3,500	9.06 m
1.5 m	kg			*16,800	*16,800	*12,800	*10,000	*9,400	6,800	7,000	*4,800	*4,000	3,400	9.12 m
G.L.	kg	*10,600	*10,600	*18,900	18,200	*12,800	9,600	*9,300	6,400	6,700	4,500	*4,200	3,400	8.94 m
-1.5 m	kg	*14,900	*14,900	*20,200	17,800	*13,000	9,200	9,500	6,100	6,600	4,500	*4,700	3,700	8.48 m
-3.0 m	kg	*26,700	*26,700	*19,600	17,900	*13,000	9,100	*9,300	5,900	*5,900	4,300	*5,300	4,200	7.71 m
-4.5 m	kg	*26,800	*26,800	*17,000	*17,000	*10,700	9,100	*6,200	5,900			*5,600	*5,600	6.20 m

SK260NLC		2 Piece Boom		Arm: 2.98 m		Bucket: without		Counterweight: 5,580 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		
B														
7.5 m	kg							*7,300	6,900			*4,700	*4,700	7.14 m
6.0 m	kg					*8,300	*8,300	*7,600	6,800	*6,700	*4,700	*4,200	4,000	8.12 m
4.5 m	kg			*15,300	*15,300	*10,300	10,000	*8,200	6,700	*6,900	4,700	*4,000	3,400	8.73 m
3.0 m	kg			*10,300	*10,300	*12,000	9,500	*8,900	*6,500	7,000	*4,400	*3,900	3,100	9.06 m
1.5 m	kg			*16,800	*16,800	*12,800	9,400	*9,400	6,200	7,000	4,400	*4,000	3,000	9.12 m
G.L.	kg	*10,600	*10,600	*18,900	16,000	*12,800	8,700	*9,300	5,800	6,700	4,100	*4,200	3,000	8.94 m
-1.5 m	kg	*14,900	*14,900	*20,200	15,600	*13,000	8,300	9,500	5,500	6,600	4,100	*4,700	3,200	8.48 m
-3.0 m	kg	*26,700	*26,700	*19,600	15,700	*13,000	8,200	*9,300	5,300	*5,900	3,900	*5,200	3,700	7.71 m
-4.5 m	kg	*26,800	*26,800	*17,000	16,200	*10,700	8,200	*6,200	5,400			*5,500	5,200	6.20 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.

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Long Reach Attachment Specifications

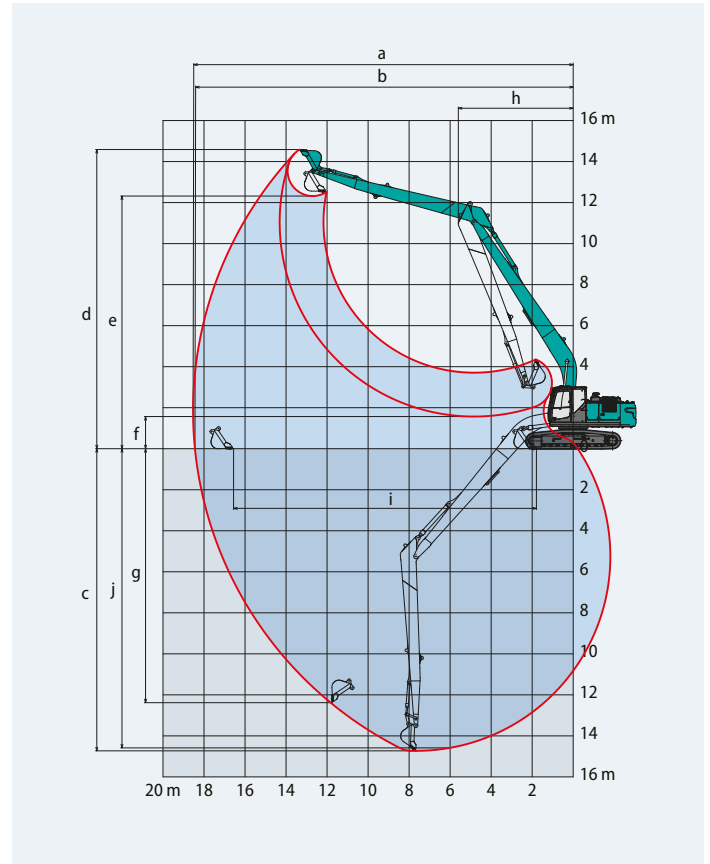


Working Ranges

		Unit: m
Boom		10.35 m
Range	Arm	8.25 m
a- Max. digging reach		18.53
b- Max. digging reach at ground level		18.44
c- Max. digging depth		14.73
d- Max. digging height		14.59
e- Max. dumping clearance		12.32
f- Min. dumping clearance		1.57
g- Max. vertical wall digging depth		12.38
h- Min. swing radius		5.60
i- Horizontal digging stroke at ground level		14.77
j- Digging depth for 2.4 m (8') flat bottom		14.59
Bucket capacity ISO heaped m ³		0.40

Digging Force (ISO 6015)

		Unit: kN
Arm length	Standard	8.25 m
Bucket digging force		88
Arm crowding force		52





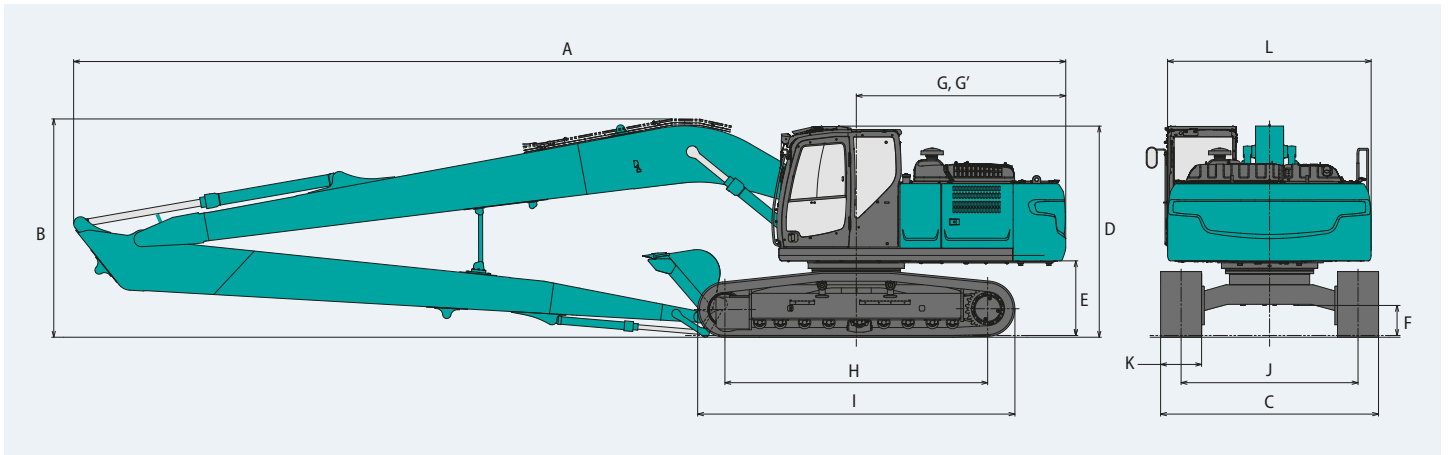
Dimensions (SK260LC)

Arm length		Standard 8.25 m	
A	Overall length	14,520	
B	Overall height (to top of boom)	3,190	
C	Overall width of crawler	SK260LC	3,190
		SK260NLC	2,990
D	Overall height (to top of cab)	3,090	
E	Ground clearance of rear end*	1,090	
F	Ground clearance*	440	

Unit: mm

G	Tail swing radius	3,100	
G'	Distance from centre of swing to rear end	3,070	
H	Tumbler distance	3,850	
I	Overall length of crawler	4,640	
J	Track gauge	SK260LC	2,590
		SK260NLC	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 10.35 m boom, 8.25 m arm, and 0.40 m³ ISO heaped bucket.

Shaped			Triple grouser shoes (even height)			
Shoe width		mm	600	700	800	900
Overall width of crawler	SK260LC	mm	3,190	3,290	3,390	3,490
	SK260NLC	mm	2,990	3,090	3,190	—
Ground pressure	SK260LC	kPa	55	48	42	38
	SK260NLC	kPa	55	48	42	—
Operating weight	SK260LC	kg	27,800	28,100	28,400	28,700
	SK260NLC	kg	27,700	28,100	28,300	—

Standard and Optional Equipment

● = Std ○ = Opt — = N/A

Category	Description	SK260(N)LC-11				
		Mono Boom / 2 Piece Boom		Long Reach		
		LC	NLC	LC	NLC	
ENGINE	Hino J05EVB-KSSA			●		
	Exhaust DOC DPF SCR system			●		
	Alternator 24 V / 60 A			●		
	Starter motor 24 V / 5 kW			●		
	Batteries 2 x 12 V (112 Ah)			●		
	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)		●			-
	Proportional Hand Control (for Extra piping)		-			●
	Hydraulic oil VG32			●		
	Hydraulic oil VG46			○		
PIPING	Hydraulic oil VG68			○		
	E & N&B piping		●			-
	E & N&B piping + Bigger capacity P4 pump (93.9 L/min) (only mono Boom spec)		○			-
CABIN	Standard piping (only mono Boom spec)	○			-	
	Extra piping		-			●
	QH piping				●	
	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			●		
LIGHTS	12 V power supply			●		
	Rain visor			○		
	Sun screen			○		
WORKING EQUIPMENT	LED work lights ; 2 on Boom & 1 on upper frame			●		
	LED work lights ; 2 on Cab top front			○		
	Standard Boom (6.02 m)		●			-
	2 Piece Boom		○			-
	Long Reach (60 ft)		-			●
	Standard HD arm (2.98 m) with rock guard		●			-
	Short HD arm (2.50 m) with rock guard		○			-
	Long HD arm (3.66 m) with rock guard		○			-
COUNTERWEIGHT	Long Reach arm (8.25 m)		-			●
	OHK hook		●			-
	Standard C/W (TTL 5,580 kg)		●			-
UNDERCARRIAGE	Heavier C/W (TTL 6,780 kg)		-			●
	600 mm steel 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)			○		
SAFETY	Lower frame guard			●		
	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.

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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