

# KOBELCO

Performance  Design

## SK130<sub>LC</sub>

- Bucket capacity:  
0.24 – 0.70 m<sup>3</sup>
- Engine power:  
78.5 kW / 2,000 min<sup>-1</sup>
- Operating weight:  
14,200 – 17,100 kg



Complies with the EU Stage V  
exhaust emission regulation

*Built for Perfectionists*



# Performance Design

SK130LC 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 blowing from the rear

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

## ③ Lever angles allow for comfortable operations

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



## New Hydraulic Control

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

## ④ LED door light

The LED interior light automatically turns on when the door is opened or when the ignition is set to OFF.

This ensures easy entry and exit at nighttime.

## ⑤ Parallel wipers secure a wide field of view





# KOBELCO



04:33



SETTING MENU



PICTURE OF  
CAMERA



CLOCK  
SETTING



SCREEN  
BRIGHTNESS



MAINTENANCE



CONSUMPTION



LANGUAGE  
SELECTION



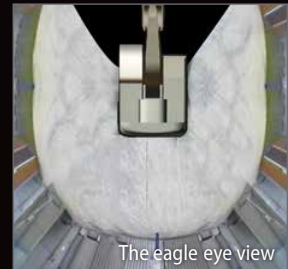
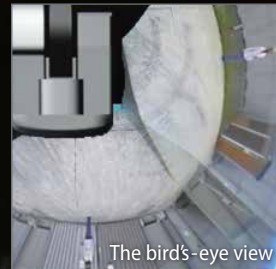
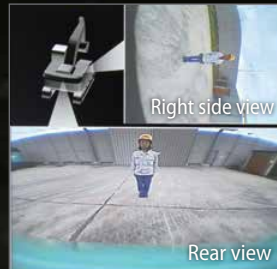
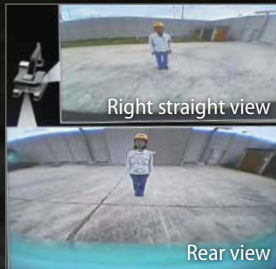
PRESSURE  
RELEASE



# 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.



## 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.



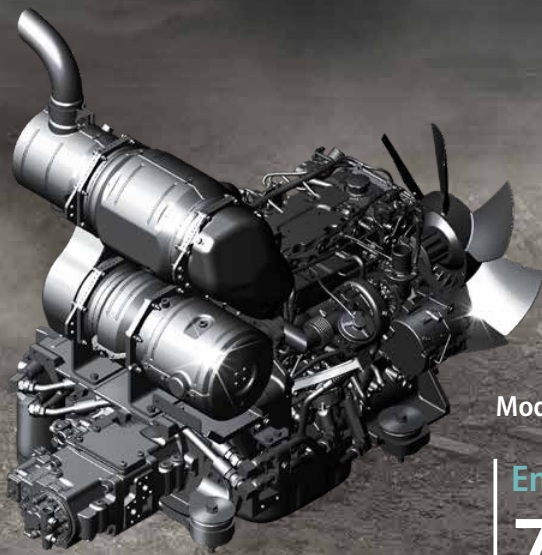




## EXPERIENCING A COMPETENT PERFORMANCE

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

Equipped with the new STAGE V engine, the SK130LC features outstanding stability thanks to an innovative new shape for conventional excavator, as well as a larger counterweight.



Model: ISUZU 4JJ1XDDV A01

Engine output

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





Bucket digging force

**105.4** kN

Lifting capacity

**3,890** kg

(Reach 6.0 m, ground level over front 2.84 m arm with additional 600 kg weight)



# 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. (ISO10262)



**Engine maintenance**



**Two-stage air filter**



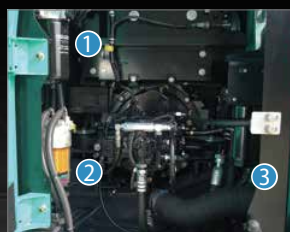
**Urea tank**

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



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

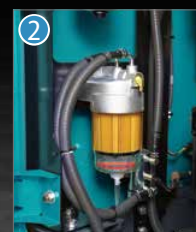
Laid out for easy access to radiator and cooling system.



**Right side**



**Fuel filter**

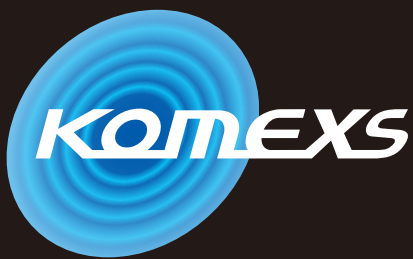


**Pre-filter with integrated water separator**



**Engine oil filter**





# KOBELCO MONITORING EXCAVATOR SYSTEM



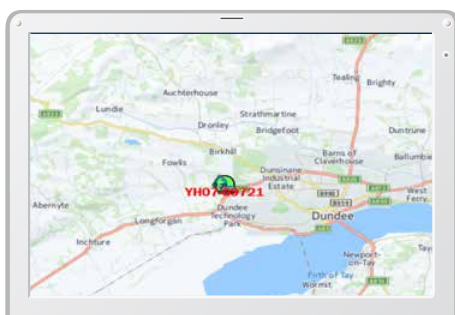
## Remote Monitoring for Peace of Mind

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

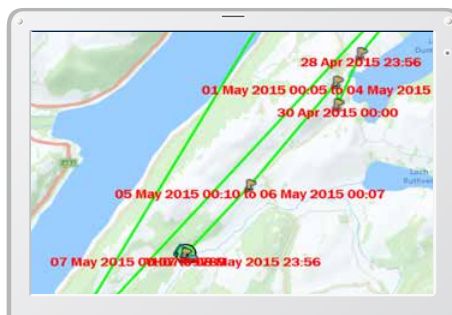
## Direct Access to Operational Status

### Location Data

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



Latest location



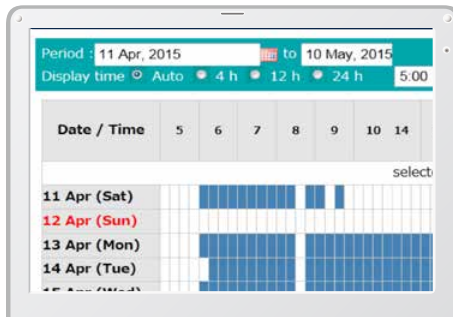
Location records

Period	11 Apr, 2015	to	10 May, 2015	Search
Type of Operation	Working Hrs	Ratio		
Total Working Hrs	169 Hrs	100 %		
Digging Hrs	72.2 Hrs	43 %		
Traveling Hrs	18.3 Hrs	11 %		
Idle Hrs	15.9 Hrs	9 %		
Opt Att 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

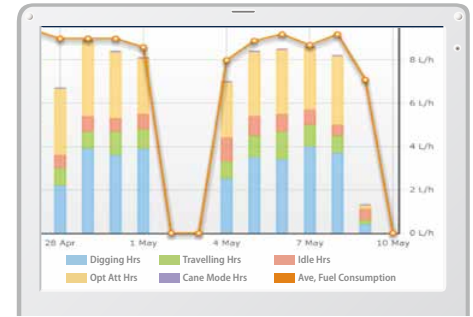
Data on fuel consumption and idling times can be used to indicate improvements in fuel consumption.

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
<b>TOTAL</b>	<b>171:25</b>	<b>1514.2 L</b>

Fuel consumption

## Graph of Work Content

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



Work status

## Maintenance Data and Warning Alerts

### Machine Maintenance Data

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

Model	Serial No.	Hour Meter	Engine Oil
SK135SRLC-3/SK140SRL	YH07-09721	734 Hr	434
SK135SRLC-3/SK140SRL	YH07-09789	73 Hr	429
SK210LC-9	YQ13-10454	960 Hr	58
SK210LC-9	YQ13-10481	549 Hr	498
SK75SR-	YT08-30374		

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	ISUZU MOTORS LIMITED 4JJ1XDDV A01
Type	Four-cycle, water-cooled, direct injection diesel engine, turbo charged, EU Stage V exhaust emission regulation
No. of cylinders	4
Bore and stroke	95.4 mm × 104.9 mm
Displacement	2.999 L
Rated power output	71.3 kW/2,000 min <sup>-1</sup> (ISO 9249: with fan) 78.5 kW/2,000 min <sup>-1</sup> (ISO 14396: without fan)
Max. torque	354 N-m/1,800 min <sup>-1</sup> (ISO 9249: with fan) 375 N-m/1,800 min <sup>-1</sup> (ISO 14396: without fan)



## Hydraulic system

Pump	
Type	Two variable displacement axial piston pumps + extra gear pump + pilot gear pump
Max. discharge flow	2 × 130 L/min 1 × 60 L/min 1 × 20 L/min
Relief valve setting	
Boom, arm and bucket	34.3 MPa
Travel circuit	34.3 MPa
Swing circuit	28.0 MPa
Control circuit	5.0 MPa
Pilot control pump	Gear type
Main control valves	12-spool
Oil cooler	Air cooled type



## Swing system

Swing motor	One fixed displacement piston motor
Brake	Hydraulic; locking automatically when the swing control lever is in the neutral position
Parking brake	Wet multiple plate
Swing speed	11.0 min <sup>-1</sup>
Swing torque	40.4 kN-m
Maximum swing gradient (Loaded)*	26% {15°}

\*Value for the least favourable specification



## Attachments

Backhoe bucket and combination

Use			Backhoe bucket							
			Normal digging							
Bucket capacity	ISO heaped	m³	0.24	0.31	0.38	0.45	0.50	0.57	0.70	
	Struck	m³	0.20	0.23	0.28	0.35	0.38	0.43	0.50	
Opening width	With side cutter	mm	590	700	800	915	1,000	1,100	—	
	Without side cutter	mm	500	600	700	815	900	1,000	1,150	
No. of teeth			3	3	4	4	5	5	5	
Bucket weight			kg	280	300	340	360	380	400	410
Combination	2.38 m arm		○	○	○	○	◎	△	△	
	2.84 m arm		○	○	◎	△	×	×	×	

◎ 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	46 each side
Travel speed	5.6/3.4 km/h
Rated drawbar pull	141 kN (SAE J 1309)
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 foot pedals for travel	
Two hand levers for excavating and swing	
Electric rotary-type engine throttle	
Noise levels	
External	101 dB(A) (2000/14/EC)
Operator	70 dB(A) (ISO 6396)
Vibration levels	
Hand/arm*	≤ 2.5 m/s <sup>2</sup>
Body*	≤ 0.5 m/s <sup>2</sup>

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



## Cylinders

Boom cylinders	100 mm × 1,092 mm / 100 mm × 1,038 mm*
Arm cylinder	115 mm × 1,116 mm
Bucket cylinder	100 mm × 903 mm
Jib cylinder*	130 mm × 925 mm
Dozer cylinders	125mm × 220 mm

\*for Two piece boom only



## Refilling capacities & lubrications

Fuel tank	280 L
Cooling system	16 L
Engine oil	17 L
Travel reduction gear	2 × 2.1 L
Swing reduction gear	1.65 L
Hydraulic oil tank	96.7 L tank oil level
	180 L hydraulic system
DEF/Urea tank	33.9 L





## Working ranges

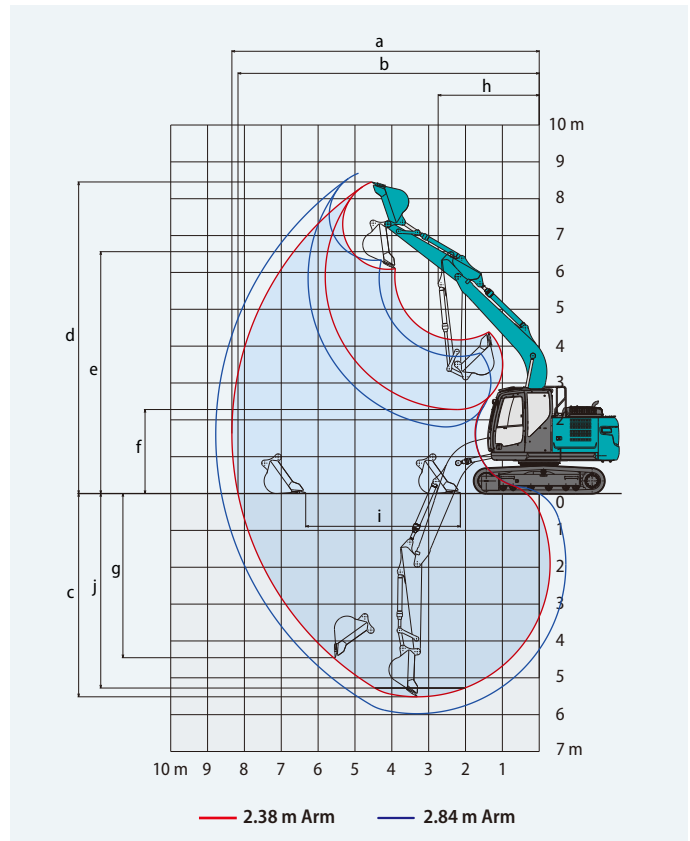
Unit: m

Boom		4.68 m	
Range	Arm	2.38 m	2.84 m
a- Max. digging reach		8.34	8.78
b- Max. digging reach at ground level		8.17	8.62
c- Max. digging depth		5.52	5.98
d- Max. digging height		8.45	8.75
e- Max. dumping clearance		6.08	6.38
f- Min. dumping clearance		2.28	1.84
g- Max. vertical wall digging depth		4.45	4.91
h- Min. swing radius		2.75	2.84
i- Horizontal digging stroke at ground level		4.20	4.68
j- Digging depth for 2.4 m (8') flat bottom		5.28	5.77
Bucket capacity ISO heaped m <sup>3</sup>		0.50	0.38

## Digging force (ISO 6015)

Unit: kN

Arm length	2.38 m	2.84 m
Bucket digging force	105.4	
Arm crowding force	64.0	58.0



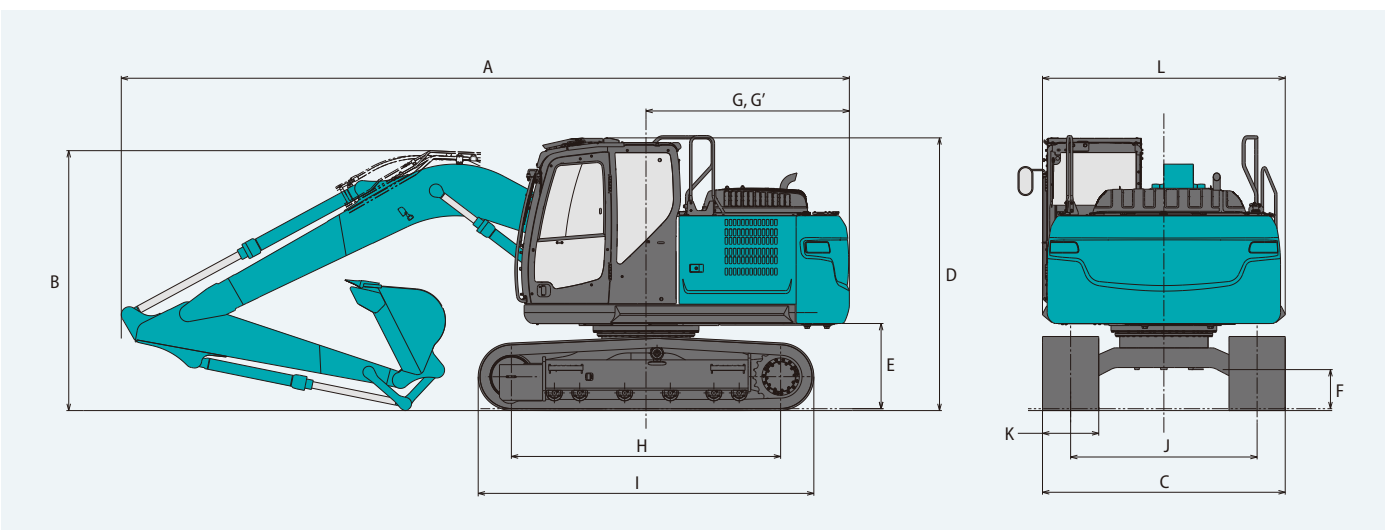
## Dimensions

Unit: mm

Arm length	2.38 m	2.84 m
A Overall length	7,770	7,810
B Overall height (to top of boom)	2,770	3,150
C Overall width	2,590**	
D Overall height (to top of cab)	2,920	
E Ground clearance of rear end*	915	
F Ground clearance*	445	

G Tail swing radius	2,190
G' Distance from centre of swing to rear end	2,170
H Tumbler distance	3,040
I Overall length of crawler	3,780
J Track gauge	1,990
K Shoe width	600
L Overall width of upperstructure	2,490

\*Without including height of shoe lug \*\*600 mm shoe



# Two-piece boom specifications



## Working ranges

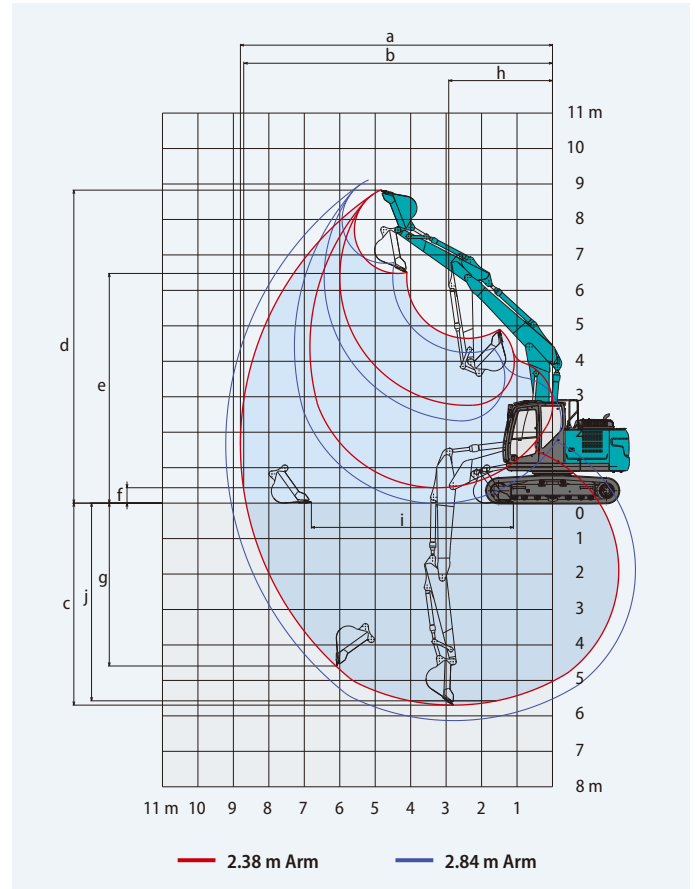
Unit: m

Range	Arm	Two-piece boom	
		2.38 m	2.84 m
a- Max. digging reach		8.80	9.24
b- Max. digging reach at ground level		8.64	9.09
c- Max. digging depth		5.70	6.16
d- Max. digging height		8.83	9.11
e- Max. dumping clearance		6.48	6.76
f- Min. dumping clearance		0.44	0.03
g- Max. vertical wall digging depth		4.59	5.06
h- Min. swing radius		2.94	2.99
i- Horizontal digging stroke at ground level		5.70	6.58
j- Digging depth for 2.4 m (8') flat bottom		5.58	6.04
Bucket capacity ISO heaped m <sup>3</sup>		0.50	0.38

## Digging force (ISO 6015)

Unit: kN

Arm length	2.38 m	2.84 m
Bucket digging force	105.4	
Arm crowding force	64.0	58.0



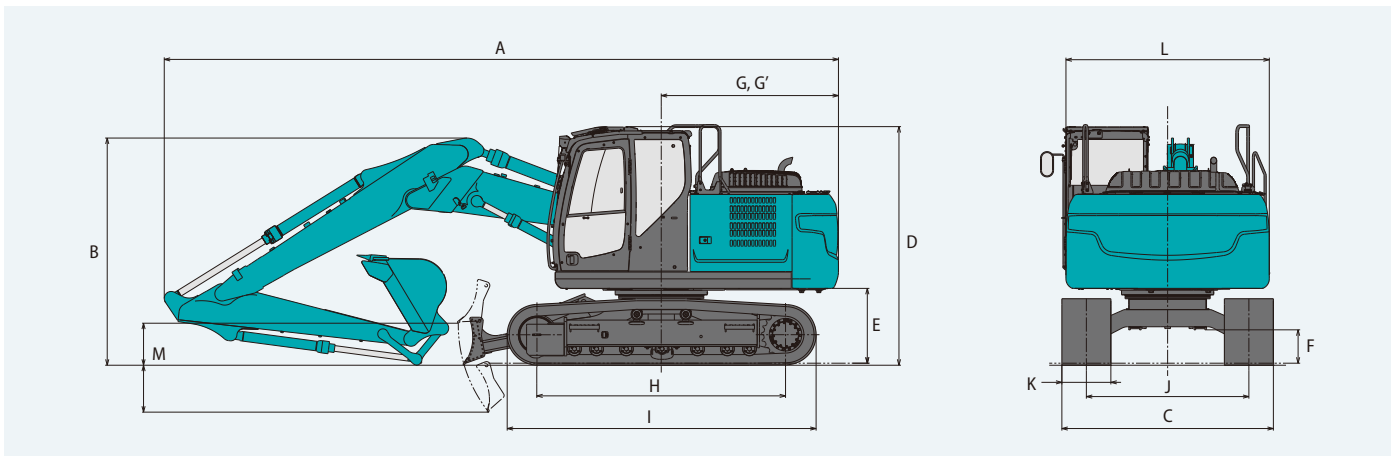
## Dimensions

Unit: mm

Arm length	2.38 m	2.84 m
A Overall length	8,260	8,330
B Overall height (to top of boom)	2,780	3,100
C Overall width	2,590	
D Overall height (to top of cab)	2,920	
E Ground clearance of rear end*	915	
F Ground clearance*	410	
G Tail swing radius	2,190	
G' Distance from centre of swing to rear end	2,170	

H Tumbler distance	3,040
I Overall length of crawler	3,780
J Track gauge	1,990
K Shoe width	600
L Overall width of upperstructure	2,490
M Dozer blade (up/down)	515/575

\*Without including height of shoe lug \*\*600 mm shoe



# Operating weight & ground pressure

**SK130<sub>LC</sub>**

SK130LC-11

## Standard boom

Boom: 4.68 m Arm: 2.38 m Bucket: 0.5 m<sup>3</sup> ISO heaped bucket Dozer: without

	HD shoes				Triple grouser shoes (even height)	BS Geogrip shoes	Rubber pad shoes
Shoes (mm)	500	600	700	800	700	500	500
Counterweight	standard						
Ground pressure (kPa)	43.0	36.4	31.7	28.2	31.0	42.3	43.1
Operating weight (kg)	14,400	14,700	14,900	15,100	14,600	14,300	14,600

	HD shoes				Triple grouser shoes (even height)	BS Geogrip shoes	Rubber pad shoes
Shoes (mm)	500	600	700	800	700	500	500
Counterweight	+ 600 kg						
Ground pressure (kPa)	44.7	37.9	33.0	29.3	32.2	44.1	44.8
Operating weight (kg)	15,000	15,300	15,500	15,700	15,200	14,900	15,200

Boom: 4.68 m Arm: 2.38 m Bucket: 0.5 m<sup>3</sup> ISO heaped bucket Dozer: with

	HD shoes				Triple grouser shoes (even height)	BS Geogrip shoes	Rubber pad shoes
Shoes (mm)	500	600	700	800	700	500	500
Dozer (mm)	2,490	2,590	2,690	2,690	2,690	2,490	2,490
Counterweight	standard						
Ground pressure (kPa)	45.3	38.4	33.5	32.7	44.7		45.4
Operating weight (kg)	15,200	15,500	15,750	15,400	15,100		15,400

	HD shoes				Triple grouser shoes (even height)	BS Geogrip shoes	Rubber pad shoes
Shoes (mm)	500	600	700	800	700	500	500
Dozer (mm)	2,490	2,590	2,690	2,690	2,690	2,490	2,490
Counterweight	+ 600 kg						
Ground pressure (kPa)	47.1	39.9	34.7	33.9	46.4		47.2
Operating weight (kg)	15,800	16,100	16,350	16,000	15,700		16,000

Boom: 4.68 m Arm: 2.84 m Bucket: 0.38 m<sup>3</sup> ISO heaped bucket Dozer: without

	HD shoes				Triple grouser shoes (even height)	BS Geogrip shoes	Rubber pad shoes
Shoes (mm)	500	600	700	800	700	500	500
Counterweight	standard						
Ground pressure (kPa)	43.0	36.4	31.7	28.2	31.0	42.3	43.1
Operating weight (kg)	14,500	14,700	14,900	15,200	14,600	14,300	14,600

	HD shoes				Triple grouser shoes (even height)	BS Geogrip shoes	Rubber pad shoes
Shoes (mm)	500	600	700	800	700	500	500
Counterweight	+ 600 kg						
Ground pressure (kPa)	44.8	37.9	33.0	29.3	32.2	44.1	44.9
Operating weight (kg)	15,100	15,300	15,500	15,800	15,200	14,900	15,200

Boom: 4.68 m Arm: 2.84 m Bucket: 0.38 m<sup>3</sup> ISO heaped bucket Dozer: with

	HD shoes				Triple grouser shoes (even height)	BS Geogrip shoes	Rubber pad shoes
Shoes (mm)	500	600	700	800	700	500	500
Dozer (mm)	2,490	2,590	2,690	2,690	2,690	2,490	2,490
Counterweight	standard						
Ground pressure (kPa)	45.4	38.5	33.5	32.7	44.7		45.5
Operating weight (kg)	15,300	15,500	15,800	15,400	15,100		15,400

	HD shoes				Triple grouser shoes (even height)	BS Geogrip shoes	Rubber pad shoes
Shoes (mm)	500	600	700	800	700	500	500
Dozer (mm)	2,490	2,590	2,690	2,690	2,690	2,490	2,490
Counterweight	+ 600 kg						
Ground pressure (kPa)	47.2	39.9	34.8	34.0	46.5		47.2
Operating weight (kg)	15,900	16,100	16,400	16,000	15,700		16,000



# Operating weight & ground pressure

## Two-piece boom

Boom: Two-piece    Arm: 2.38 m    Bucket: 0.5 m<sup>3</sup> ISO heaped bucket    Dozer: without

	HD shoes				Triple grouser shoes (even height)	BS Geogrip shoes	Rubber pad shoes
Shoes (mm)	500	600	700	800	700	500	500
Counterweight	standard						
Ground pressure (kPa)	45.0	38.2	33.2	29.5	32.5	44.4	45.1
Operating weight (kg)	15,100	15,400	15,600	15,900	15,300	15,000	15,300

	HD shoes				Triple grouser shoes (even height)	BS Geogrip shoes	Rubber pad shoes
Shoes (mm)	500	600	700	800	700	500	500
Counterweight	+ 600 kg						
Ground pressure (kPa)	46.8	39.6	34.5	30.6	33.7	46.1	46.9
Operating weight (kg)	15,700	16,000	16,200	16,500	15,900	15,600	15,900

Boom: Two-piece    Arm: 2.38 m    Bucket: 0.5 m<sup>3</sup> ISO heaped bucket    Dozer: with

	HD shoes				Triple grouser shoes (even height)	BS Geogrip shoes	Rubber pad shoes
Shoes (mm)	500	600	700		700	500	500
Dozer (mm)	2,490	2,590	2,690		2,690	2,490	2,490
Counterweight	standard						
Ground pressure (kPa)	47.4	40.2	35.0		34.2	46.7	47.5
Operating weight (kg)	15,900	16,200	16,500		16,100	15,800	16,100

	HD shoes				Triple grouser shoes (even height)	BS Geogrip shoes	Rubber pad shoes
Shoes (mm)	500	600	700		700	500	500
Dozer (mm)	2,490	2,590	2,690		2,690	2,490	2,490
Counterweight	+ 600 kg						
Ground pressure (kPa)	49.2	41.7	36.2		35.5	48.5	49.3
Operating weight (kg)	16,500	16,800	17,100		16,700	16,400	16,700

Boom: Two-piece    Arm: 2.84 m    Bucket: 0.38 m<sup>3</sup> ISO heaped bucket    Dozer: without

	HD shoes				Triple grouser shoes (even height)	BS Geogrip shoes	Rubber pad shoes
Shoes (mm)	500	600	700	800	700	500	500
Counterweight	standard						
Ground pressure (kPa)	45.0	38.1	33.2	29.5	32.5	44.4	45.1
Operating weight (kg)	15,100	15,400	15,600	15,900	15,300	15,000	15,300

	HD shoes				Triple grouser shoes (even height)	BS Geogrip shoes	Rubber pad shoes
Shoes (mm)	500	600	700	800	700	500	500
Counterweight	+ 600 kg						
Ground pressure (kPa)	46.8	39.6	34.5	30.6	33.7	46.1	46.9
Operating weight (kg)	15,700	16,000	16,200	16,500	15,800	15,600	15,900

Boom: Two-piece    Arm: 2.84 m    Bucket: 0.38 m<sup>3</sup> ISO heaped bucket    Dozer: with

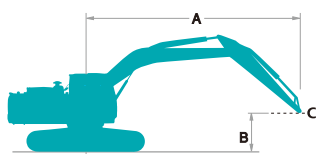
	HD shoes				Triple grouser shoes (even height)	BS Geogrip shoes	Rubber pad shoes
Shoes (mm)	500	600	700		700	500	500
Dozer (mm)	2,490	2,590	2,690		2,690	2,490	2,490
Counterweight	standard						
Ground pressure (kPa)	47.4	40.2	34.9		34.2	46.7	47.5
Operating weight (kg)	15,900	16,200	16,400		16,100	15,800	16,100

	HD shoes				Triple grouser shoes (even height)	BS Geogrip shoes	Rubber pad shoes
Shoes (mm)	500	600	700		700	500	500
Dozer (mm)	2,490	2,590	2,690		2,690	2,490	2,490
Counterweight	+ 600 kg						
Ground pressure (kPa)	49.2	41.6	36.2		35.5	48.5	49.3
Operating weight (kg)	16,500	16,800	17,000		16,700	16,400	16,700

# Lift capacities

# SK130LC

SK130LC-11



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

SK130LC		Boom: 4.68 m		Arm: 2.84 m		Bucket: without		Counterweight: 2,400 kg		Shoe: 600 mm		Dozer: without			
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											*2,030	*2,030	4.64 m	
6.0 m	kg							*2,110	*2,110			*1,700	*1,700	6.13 m	
4.5 m	kg							*2,970	2,500			*1,590	*1,590	6.98 m	
3.0 m	kg			*5,270	*5,270	*3,860	3,730	*3,330	2,400			*1,580	*1,580	7.43 m	
1.5 m	kg			*7,870	6,190	*4,940	3,440	*3,670	2,270	*1,960	1,610	*1,670	1,590	7.55 m	
G.L.	kg			*6,410	5,820	5,480	3,230	3,550	2,160			*1,850	1,620	7.36 m	
-1.5 m	kg	*4,660	*4,660	*8,910	5,770	5,380	3,140	3,500	2,120			*2,220	1,790	6.83 m	
-3.0 m	kg	*7,800	*7,800	*8,350	5,870	5,420	3,180					*3,070	2,230	5.87 m	
-4.5 m	kg			*5,920	*5,920							*3,960	3,760	4.17 m	











SK130LC		Boom: 4.68 m		Arm: 2.84 m		Bucket: without		Counterweight: 2,400 kg + 600 kg		Shoe: 600 mm		Dozer: without			
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											*2,030	*2,030	4.64 m	
6.0 m	kg							*2,110	*2,110			*1,700	*1,700	6.13 m	
4.5 m	kg							*2,970	2,770			*1,590	*1,590	6.98 m	
3.0 m	kg			*5,270	*5,270	*3,860	*3,860	*3,330	2,660			*1,580	*1,580	7.43 m	
1.5 m	kg			*7,870	6,870	*4,940	3,820	*3,820	2,540	*1,960	1,820	*1,670	*1,670	7.55 m	
G.L.	kg			*6,410	*6,410	*5,730	3,610	3,890	2,430			*1,850	1,830	7.36 m	
-1.5 m	kg	*4,660	*4,660	*8,910	6,450	5,900	3,530	3,840	2,390			*2,220	2,020	6.83 m	
-3.0 m	kg	*7,800	*7,800	*8,350	6,550	*5,560	3,560					*3,070	2,510	5.87 m	
-4.5 m	kg			*5,920	*5,920							*3,960	*3,960	4.17 m	











SK130LC		Boom: 4.68 m		Arm: 2.84 m		Bucket: without		Counterweight: 2,400 kg		Shoe: 600 mm		Dozer: blade up			
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											*2,030	*2,030	4.64 m	
6.0 m	kg							*2,110	*2,110			*1,700	*1,700	6.13 m	
4.5 m	kg							*2,970	2,630			*1,590	*1,590	6.98 m	
3.0 m	kg			*5,270	*5,270	*3,860	*3,860	*3,330	2,530			*1,580	*1,580	7.43 m	
1.5 m	kg			*7,870	6,520	*4,940	3,620	3,660	2,400	*1,960	1,710	*1,670	*1,670	7.55 m	
G.L.	kg			*6,410	6,150	5,470	3,410	3,550	2,290			*1,850	1,720	7.36 m	
-1.5 m	kg	*4,660	*4,660	*8,910	6,090	5,370	3,330	3,490	2,250			*2,220	1,900	6.83 m	
-3.0 m	kg	*7,800	*7,800	*8,350	6,190	5,410	3,360					*3,070	2,360	5.87 m	
-4.5 m	kg			*5,920	*5,920							*3,960	*3,960	4.17 m	











SK130LC		Boom: 4.68 m		Arm: 2.84 m		Bucket: without		Counterweight: 2,400 kg + 600 kg		Shoe: 600 mm		Dozer: blade up			
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											*2,030	*2,030	4.64 m	
6.0 m	kg							*2,110	*2,110			*1,700	*1,700	6.13 m	
4.5 m	kg							*2,970	2,890			*1,590	*1,590	6.98 m	
3.0 m	kg			*5,270	*5,270	*3,860	*3,860	*3,330	2,790			*1,580	*1,580	7.43 m	
1.5 m	kg			*7,870	7,200	*4,940	4,000	*3,820	2,660	*1,960	1,920	*1,670	*1,670	7.55 m	
G.L.	kg			*6,410	*6,410	*5,730	3,790	3,890	2,560			*1,850	*1,850	7.36 m	
-1.5 m	kg	*4,660	*4,660	*8,910	6,770	5,880	3,710	3,840	2,510			*2,220	2,120	6.83 m	
-3.0 m	kg	*7,800	*7,800	*8,350	6,870	*5,560	3,740					*3,070	2,640	5.87 m	
-4.5 m	kg			*5,920	*5,920							*3,960	*3,960	4.17 m	











SK130LC		Boom: 4.68 m		Arm: 2.38 m		Bucket: without		Counterweight: 2,400 kg		Shoe: 600 mm		Dozer: without			
B	A	1.5 m		3.0 m		4.5 m		6.0 m		At max. reach		Radius			
6.0 m	kg									*1,800	*1,800	5.57 m			
4.5 m	kg							*3,400	*3,400	*3,300	2,470	*1,670	*1,670	6.50 m	
3.0 m	kg			*6,260	*6,260	*4,280	3,670	*3,600	2,380	*1,670	*1,670	6.98 m			
1.5 m	kg			*5,420	*5,420	*5,290	3,400	3,660	2,270	*1,760	*1,760	7.11 m			
G.L.	kg			*6,260	5,830	5,480	3,230	3,570	2,180	*1,990	1,800	6.91 m			
-1.5 m	kg	*5,440	*5,440	*9,080	5,850	5,430	3,190	3,550	2,160	*2,460	2,020	6.34 m			
-3.0 m	kg	*9,280	*9,280	*7,820	5,990	*5,270	3,260			*3,670	2,640	5.28 m			











# Lift capacities

SK130LC		Boom: 4.68 m	Arm: 2.38 m	Bucket: without		Counterweight: 2,400 kg + 600 kg		Shoe: 600 mm	Dozer: without			
B	A	1.5 m		3.0 m		4.5 m		6.0 m		At max. reach		Radius
												
6.0 m	kg									*1,800	*1,800	5.57 m
4.5 m	kg					*3,400	*3,400	*3,300	2,740	*1,670	*1,670	6.50 m
3.0 m	kg			*6,260	*6,260	*4,280	4,060	*3,600	2,650	*1,670	*1,670	6.98 m
1.5 m	kg			*5,420	*5,420	*5,290	3,790	4,010	2,540	*1,760	*1,760	7.11 m
G.L.	kg			*6,260	*6,260	*5,920	3,620	3,910	2,450	*1,990	*1,990	6.91 m
-1.5 m	kg	*5,440	*5,440	*9,080	6,530	5,940	3,570	3,890	2,430	*2,460	2,270	6.34 m
-3.0 m	kg	*9,280	*9,280	*7,820	6,670	*5,270	3,640			*3,670	2,950	5.28 m

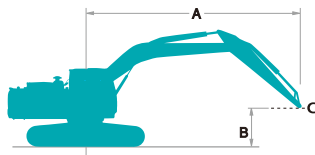
SK130LC		Boom: 4.68 m	Arm: 2.38 m	Bucket: without		Counterweight: 2,400 kg		Shoe: 600 mm	Dozer: blade up			
B	A	1.5 m		3.0 m		4.5 m		6.0 m		At max. reach		Radius
												
6.0 m	kg									*1,800	*1,800	5.57 m
4.5 m	kg					*3,400	*3,400	*3,300	2,600	*1,670	*1,670	6.50 m
3.0 m	kg			*6,260	*6,260	*4,280	3,860	*3,600	2,510	*1,670	*1,670	6.98 m
1.5 m	kg			*5,420	*5,420	*5,290	3,590	3,660	2,400	*1,760	*1,760	7.11 m
G.L.	kg			*6,260	6,150	5,470	3,420	3,560	2,310	*1,990	1,910	6.91 m
-1.5 m	kg	*5,440	*5,440	*9,080	6,170	5,410	3,370	3,540	2,290	*2,460	2,140	6.34 m
-3.0 m	kg	*9,280	*9,280	*7,820	6,320	*5,270	3,440			*3,670	2,790	5.28 m

SK130LC		Boom: 4.68 m	Arm: 2.38 m	Bucket: without		Counterweight: 2,400 kg + 600 kg		Shoe: 600 mm	Dozer: blade up			
B	A	1.5 m		3.0 m		4.5 m		6.0 m		At max. reach		Radius
												
6.0 m	kg									*1,800	*1,800	5.57 m
4.5 m	kg					*3,400	*3,400	*3,300	2,860	*1,670	*1,670	6.50 m
3.0 m	kg			*6,260	*6,260	*4,280	4,240	*3,600	2,780	*1,670	*1,670	6.98 m
1.5 m	kg			*5,420	*5,420	*5,290	3,970	4,000	2,660	*1,760	*1,760	7.11 m
G.L.	kg			*6,260	*6,260	*5,920	3,800	3,900	2,580	*1,990	*1,990	6.91 m
-1.5 m	kg	*5,440	*5,440	*9,080	6,850	5,930	3,750	3,880	2,560	*2,460	2,390	6.34 m
-3.0 m	kg	*9,280	*9,280	*7,820	7,000	*5,270	3,820			*3,670	3,100	5.28 m

SK130LC		2 piece boom	Arm: 2.84 m	Bucket: without		Counterweight: 2,400 kg		Shoe: 600 mm	Dozer: without			
B	A	1.5 m		3.0 m		4.5 m		6.0 m		7.5 m		Radius
												
7.5 m	kg											5.37 m
6.0 m	kg							*2,750	2,560			6.69 m
4.5 m	kg							*3,190	2,490			7.47 m
3.0 m	kg			*6,840	6,710	*4,460	3,620	*2,650	2,320	2,620	1,590	7.89 m
1.5 m	kg	*19,640	*19,640	*8,510	5,730	*5,240	3,210	3,570	2,130	2,530	1,510	8.01 m
G.L.	kg	*14,980	*14,980	*4,280	*4,280	5,230	2,950	3,410	1,990	2,460	1,440	7.83 m
-1.5 m	kg	*3,960	*3,960	*6,680	5,240	5,110	2,840	3,320	1,910			7.34 m
-3.0 m	kg			*6,730	5,350	*4,790	2,860	3,350	1,930			6.45 m
-4.5 m	kg	*13,800	*13,800	*6,600	5,760	*3,070	3,040					4.97 m

SK130LC		2 piece boom	Arm: 2.84 m	Bucket: without		Counterweight: 2,400 kg + 600 kg		Shoe: 600 mm	Dozer: without			
B	A	1.5 m		3.0 m		4.5 m		6.0 m		7.5 m		Radius
												
7.5 m	kg											5.37 m
6.0 m	kg							*2,750	*2,750			6.69 m
4.5 m	kg							*3,190	2,750			7.47 m
3.0 m	kg			*6,840	*6,840	*4,460	4,010	*2,650	2,590	2,880	1,790	7.89 m
1.5 m	kg	*19,640	*19,640	*8,510	6,410	*5,240	3,600	*3,880	2,400	2,790	1,710	8.01 m
G.L.	kg	*14,980	*14,980	*4,280	*4,280	*5,620	3,330	3,750	2,250	2,710	1,640	7.83 m
-1.5 m	kg	*3,960	*3,960	*6,680	5,920	*5,490	3,220	3,670	2,180			7.34 m
-3.0 m	kg			*6,730	6,030	*4,790	3,250	*3,410	2,200			6.45 m
-4.5 m	kg	*13,800	*13,800	*6,600	6,440	*3,070	*3,070					4.97 m





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













SK130LC		2 piece boom		Arm: 2.84 m		Bucket: without		Counterweight: 2,400 kg		Shoe: 600 mm		Dozer: blade up		
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											*1,910	*1,910	5.37 m
6.0 m	kg							*2,750	2,690			*1,690	*1,690	6.69 m
4.5 m	kg							*3,190	2,610			*1,620	*1,620	7.47 m
3.0 m	kg			*6,840	*6,840	*4,460	3,810	*2,650	2,450	2,620	1,690	*1,640	1,530	7.89 m
1.5 m	kg	*19,640	*19,640	*8,510	6,060	*5,240	3,400	3,560	2,260	2,530	1,600	*1,740	1,430	8.01 m
G.L.	kg	*14,980	*14,980	*4,280	*4,280	5,220	3,130	3,400	2,110	2,450	1,530	*1,940	1,440	7.83 m
−1.5 m	kg	*3,960	*3,960	*6,680	5,560	5,100	3,020	3,320	2,040			*2,310	1,560	7.34 m
−3.0 m	kg			*6,730	5,680	*4,790	3,050	3,340	2,060			*2,970	1,880	6.45 m
−4.5 m	kg	*13,800	*13,800	*6,600	6,080	*3,070	*3,070					*2,550	*2,550	4.97 m

SK130LC		2 piece boom		Arm: 2.84 m	Bucket: without		Counterweight: 2,400 kg + 600 kg		Shoe: 600 mm		Dozer: blade up				
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												*1,910	*1,910	5.37 m
6.0 m	kg							*2,750	*2,750				*1,690	*1,690	6.69 m
4.5 m	kg							*3,190	2,880				*1,620	*1,620	7.47 m
3.0 m	kg			*6,840	*6,840	*4,460	4,190	*2,650	*2,650	2,870	1,890		*1,640	*1,640	7.89 m
1.5 m	kg	*19,640	*19,640	*8,510	6,740	*5,240	3,780	*3,880	2,530	2,780	1,810		*1,740	1,620	8.01 m
G.L.	kg	*14,980	*14,980	*4,280	*4,280	*5,620	3,510	3,740	2,380	2,710	1,740		*1,940	1,630	7.83 m
−1.5 m	kg	*3,960	*3,960	*6,680	6,240	*5,490	3,410	3,660	2,300				*2,310	1,770	7.34 m
−3.0 m	kg			*6,730	6,360	*4,790	3,430	*3,410	2,320				*2,970	2,120	6.45 m
−4.5 m	kg	*13,800	*13,800	*6,600	*6,600	*3,070	*3,070						*2,550	*2,550	4.97 m

SK130LC		2 piece boom		Arm: 2.38 m		Bucket: without		Counterweight: 2,400 kg		Shoe: 600 mm		Dozer: without		
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					*2,590	*2,590					*2,070	*2,070	4.67 m
6.0 m	kg							*2,370	*2,370			*1,790	*1,790	6.15 m
4.5 m	kg					*4,010	3,910	*2,960	2,440			*1,710	*1,710	7.00 m
3.0 m	kg			*7,610	6,360	*4,780	3,530	*3,100	2,290			*1,740	1,590	7.45 m
1.5 m	kg			*8,870	5,600	*5,470	3,160	*3,550	2,120	*2,340	1,510	*1,860	1,480	7.57 m
G.L.	kg	*15,000	*15,000	*3,990	*3,990	5,220	2,940	3,410	1,990			*2,100	1,490	7.38 m
−1.5 m	kg			*7,360	5,340	5,150	2,880	3,360	1,950			*2,570	1,640	6.85 m
−3.0 m	kg			*6,040	5,490	*4,470	2,940					*3,100	2,050	5.90 m

SK130LC		2 piece boom		Arm: 2.38 m		Bucket: without		Counterweight: 2,400 kg + 600 kg		Shoe: 600 mm		Dozer: without		
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					*2,590	*2,590					*2,070	*2,070	4.67 m
6.0 m	kg							*2,370	*2,370			*1,790	*1,790	6.15 m
4.5 m	kg					*4,010	*4,010	*2,960	2,710			*1,710	*1,710	7.00 m
3.0 m	kg			*7,610	7,040	*4,780	3,910	*3,100	2,560			*1,740	*1,740	7.45 m
1.5 m	kg			*8,870	6,280	*5,470	3,540	*3,550	2,390	*2,340	1,710	*1,860	1,680	7.57 m
G.L.	kg	*15,000	*15,000	*3,990	*3,990	*5,690	3,320	3,750	2,260			*2,100	1,700	7.38 m
−1.5 m	kg			*7,360	6,020	*5,390	3,260	3,700	2,210			*2,570	1,860	6.85 m
−3.0 m	kg			*6,040	*6,040	*4,470	3,320					*3,100	2,330	5.90 m

SK130LC		2 piece boom		Arm: 2.38 m		Bucket: without		Counterweight: 2,400 kg		Shoe: 600 mm		Dozer: blade up		
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					*2,590	*2,590					*2,070	*2,070	4.67 m
6.0 m	kg							*2,370	*2,370			*1,790	*1,790	6.15 m
4.5 m	kg					*4,010	*4,010	*2,960	2,570			*1,710	*1,710	7.00 m
3.0 m	kg			*7,610	6,690	*4,780	3,710	*3,100	2,420			*1,740	1,680	7.45 m
1.5 m	kg			*8,870	5,920	5,460	3,340	3,540	2,250	*2,340	1,600	*1,860	1,580	7.57 m
G.L.	kg	*15,000	*15,000	*3,990	*3,990	5,210	3,120	3,400	2,120			*2,100	1,590	7.38 m
−1.5 m	kg			*7,360	5,660	5,140	3,060	3,350	2,070			*2,570	1,750	6.85 m
−3.0 m	kg			*6,040	5,810	*4,470	3,120					*3,100	2,180	5.90 m

SK130LC		2 Piece Boom		Arm: 2.38 m		Bucket: without		Counterweight: 2,400 kg + 600 kg		Shoe: 600 mm		Dozer: blade up	
A	B	1.5 m		3.0 m		4.5 m		6.0 m		7.5 m		At max. reach	
													
7.5 m	kg					*2,590	*2,590					*2,070	*2,070
6.0 m	kg							*2,370	*2,370			*1,790	*1,790
4.5 m	kg					*4,010	*4,010	*2,960	2,840			*1,710	*1,710
3.0 m	kg			*7,610	7,370	*4,780	4,100	*3,100	2,680			*1,740	*1,740
1.5 m	kg			*8,870	6,600	*5,470	3,720	*3,550	2,510	*2,340	1,810	*1,860	1,780
G.L.	kg	*15,000	*15,000	*3,990	*3,990	*5,690	3,510	3,740	2,390			*2,100	1,800
-1.5 m	kg			*7,360	6,340	*5,390	3,450	3,690	2,340			*2,570	1,970
-3.0 m	kg			*6,040	*6,040	*4,470	3,510					*3,100	2,460
													Radius
													4.67 m
													6.15 m
													7.00 m
													7.45 m
													7.57 m
													7.38 m
													6.85 m
													5.90 m

Note:

- 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.
- Bucket pin attachment point 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.

## STANDARD EQUIPMENT

### ENGINE

- ISUZU MOTORS LIMITED 4JJ1XDDV A01, Diesel engine with turbocharger and intercooler, EU Stage V compliant
- Auto Idle Stop
- Automatic engine deceleration
- Batteries (2 x 12 V - 100 Ah)
- Starting motor (24 V - 4 kW), 50 amp alternator
- Engine oil pan drain cock
- Double element air cleaner
- Refueling pump

### CONTROL

- Working mode selector (H-mode, S-mode and ECO-mode)
- Rotating & N&B piping (proportional hand controlled) (for mono boom only)
- E & N&B piping (proportional hand controlled) (for 2 piece boom only)
- Bucket link with lifting hook (boom and arm safety valves and overload alarm)

### SWING SYSTEM & TRAVEL SYSTEM

- Swing rebound prevention system
- Straight propel system
- Two-speed travel with automatic shift down
- Sealed & lubricated track links
- HD 600 mm steel shoes
- Grease-type track adjusters
- Automatic swing brake
- Lower frame guard
- Rock guard for arm

### MIRRORS, LIGHTS & CAMERAS

- Rear view mirror, rear view camera and right side view camera
- LED work lights : 2 on boom, 1 on upper frame, 2 on rear counterweight

## OPTIONAL EQUIPMENT

- Various optional arms
- Wide range of shoes
- Front-guard protective structure (may interfere with bucket action)
- Additional counterweight (+ 600 kg)
- Cab top work LED lights (two lights)
- Mechanical suspension seat (Applicable for N&B piping)
- Rain visor (may interfere with bucket action)

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

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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. Due to our policy of continuous product improvements all designs and specifications are subject to change without advance notice.

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### CAB & CONTROL

- Two control levers, pilot-operated
- Horn, electric
- Integrated left-right slide-type control box
- LED door light (interior)
- Coat hook
- Large cup holder
- Detachable two-piece floor mat
- GRAMMER® air suspension seat with heater
- Retractable seatbelt
- Headrest
- Handrails
- Intermittent Parallel wiper with double-spray washer
- Skylight
- Openable top guard (ISO 10262: 1998)
- Tinted safety glass
- Pull-type front window and removable lower front window
- Easy-to-read 10-inch LCD SCREEN multi-display monitor
- DAB+ radio (FM/AM & AUX & USB & Bluetooth® & hands free telephone)
- 12 V converter
- Hands-free telephone
- USB port
- Automatic air conditioner
- Air conditioning system
- The air conditioning system on this machine contains fluorinated greenhouse gas HFC-134a (GWP 1430). Quantity of gas 0.8 kg (CO<sub>2</sub> equivalent 1.2 t)
- Sun screen
- Large footrest

### SAFETY

- Emergency escape hammer

## KOBELCO CONSTRUCTION MACHINERY EUROPE B.V.

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Enquiries To: