KOBELCO

SK210LC
SK260LC
SK300LC
SK350LC

High & Wide Specifications

Note: This catalog 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.
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SK210LC/SK260LC/SK300LC/SK350LC-10-High & Wide Spec.-ANZ-102-2010IF

A new line-up specially equipped for forestry and hilly terrain work has been added to the SK excavator series famous for outstanding productivity and extremely low fuel consumption.
The High & Wide Specification series have the generous ground clearance needed to penetrate sites littered with stumps or rocks.
The extra crawler width ensures excellent stability, contributing to uninterrupted working and greater lifting capacity. Durability is significantly improved with full track guides and larger upper rollers for the crawlers, to prevent de-tracking.
With double grouser shoes used for better grip, these machines are designed to work smoothly over the roughest ground.

Productivity

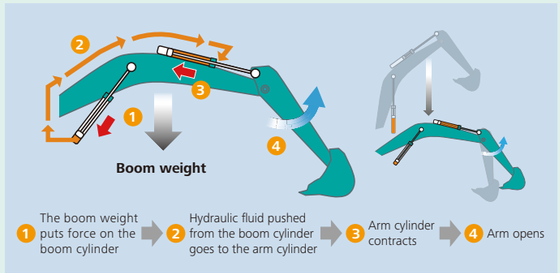
More Power and Higher Efficiency

The highly efficient hydraulic system minimizes fuel consumption while maximizing power. With nimble movement and outstanding digging power, these excavators improve job productivity.

Hydraulic System: Revolutionary Technology Saves Fuel

Arm Interflow System

When lowering the boom, this system uses the downward force generated by the boom's weight to push fluid to the arm. This greatly reduces the need to apply power from outside the system.



Performance

Excellent Stability

Overall width of crawlers is greater than standard models, for dependable stability and improved lifting capacity.

Overall width of crawler: **3,240 mm (SK210LC)**
3,450 mm (SK260LC)
3,650 mm (SK300LC/SK350LC)

Generous Ground Clearance

Travel is unhampered on forestry sites and in hilly terrain strewn with stumps and rocks.

Ground clearance: **775 mm (SK210LC)**
780 mm (SK260LC)
785 mm (SK300LC/SK350LC)

Durability

The crawlers are designed to provide unbeatable durability to take on the harshest terrain. They feature full track guides to eliminate de-tracking concerns, a reinforced guide frame built to withstand heavy impact, and large, double-support, outer flanged upper rollers unfazed by powerful vibrations.

1 Reinforced guide frame

2 Large, double-support, outer flanged upper rollers

3 Full track guide

Specifications

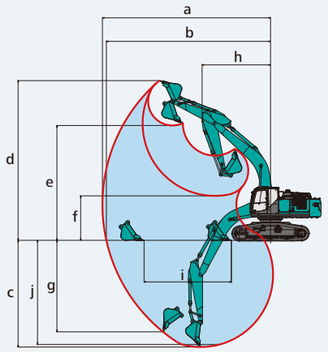
MODEL (High & Wide Specs)			SK210LC	SK260LC
PERFORMANCE				
Bucket Capacity (ISO heaped)		m^3	0.8	1.0
Swing Speed		min^{-1}	13.3	10.8
Travel Speed (high/low)		km/h	5.5/3.4	5.8/3.6
Gradeability		% (degree)	70 (35)	70 (35)
Bucket Digging Force		kN	143/157*	170/187*
Arm Crowding Force		kN	102/112*	122/134*
Drawbar Pulling Force		kN	228	230
ENGINE				
Model			HINO J05ETA-KSSE	HINO J05ETB-KSSF
Type			Direct injection,water-cooled,4-cycle, 4-cylinder diesel engine with intercooler turbo-charger	
Power Output	(ISO 9249)	kW/min^{-1}	114/2,000	132/2,100
	(ISO 14396)	kW/min^{-1}	118/2,000	137/2,100
Max.Torque	(ISO 9249)	N·m/min^{-1}	569/1,600	639/1,600
	(ISO 14396)	N·m/min^{-1}	592/1,600	654/1,600
Displacement		L	5.123	5.123
Fuel Tank		L	320	403
HYDRAULIC SYSTEM				
Pump			Two variable displacement pumps + One gear pump	
Max. Discharge Flow		L/min	220 x 2, 20 x 1	245 x 2, 21 x 1
			Extra gear pump 1 x 44	Extra gear pump 1 x 46
Relief Valve Setting	(main)/{Power Boost}	MPa	34.3/{37.8}	34.3/{37.8}
Swing Motor			Axial piston motor	
Travel Motors			2 x axial-piston, two-step motors	
Hydraulic Oil Tank (system)		L	140 (244)	165 (273)

*Power Boost engaged

Working Ranges

Unit: m

MODEL (High & Wide Specs)	SK210LC	SK260LC
Boom	6.02 m	6.02 m
Arm	Standard 2.94 m	Standard 2.98 m
a- Max. digging reach	9.9	10.3
b- Max. digging reach at ground level	9.66	10.07
c- Max. digging depth	6.36	6.66
d- Max. digging height	10.07	10.13
e- Max. dumping clearance	7.25	7.22
f- Min. dumping clearance	2.78	2.89
g- Max. vertical wall digging depth	5.76	5.81
h- Min. swing radius	3.55	3.91
i- Horizontal digging stroke at ground level	5.33	5.31
j- Digging depth for 2.4 m (8') flat bottom	6.18	6.48
Bucket capacity ISO heaped m^3	0.8	1.0

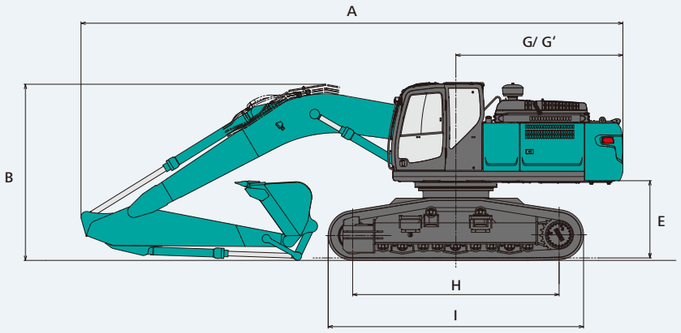


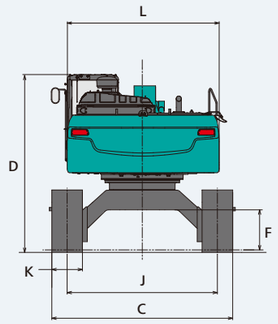
General Dimensions

Unit: mm

MODEL (High & Wide Specs)		SK210LC	SK260LC
Arm length		2.94 m	2.98 m
A	Overall length	9,450	10,090
B	Overall height (to top of boom)	3,170	3,310
C	Overall width	3,240	3,450
D	Overall height (to top of cab)	3,370	3,380
E	Ground clearance of rear end*	1,410	1,430
F	Ground clearance*	775	780
G	Tail swing radius	2,910	3,100
G'	Distance from center of swing to rear end	2,900	3,070
H	Tumbler distance	3,690	3,790
I	Overall length of crawler	4,580	4,660
J	Track gauge	2,640	2,850
K	Shoe Width	600	600
L	Overall width of upperstructure	2,710	2,980

*Without including height of shoe lug.



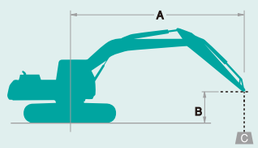


Operating Weight & Ground Pressure

SK210LC High & Wide Spec.			SK260LC High & Wide Spec.		
Operating Weight	Ground Pressure	Shoe Width	Operating Weight	Ground Pressure	Shoe Width
kg	kPa	mm	kg	kPa	mm
25,100	51	600 DG*1	29,000	58	600 DG*1
24,700	51	600 TG*2	28,600	57	600 TG*2
25,300	45	700 DG*1	29,200	50	700 DG*1
25,000	44	700 TG*2	28,900	49	700 TG*2

*1 DG: Double grouser shoe *2 TG: Triple grouser shoe

Lifting Capacities



Rating over front

Rating over side or 360 degrees

A – Reach from swing centerline for arm top
B – Arm top height above/below ground
C – Lifting capacities in kilograms
* Max. discharge pressure: 37.8 MPa

SK210LC	Standard Arm: 2.94 m Bucket: without Shoe: 600 mm Double grouser shoe (High & Wide Specs)												HEAVY LIFT
A / B	1.5 m		3.0 m		4.5 m		6.0 m		7.5 m		At Max. Reach		Radius
7.5 m	kg							*5,890	*5,890			*4,180	*4,180	6.56 m
6.0 m	kg							*5,990	*5,990	*4,220	*4,220	*3,930	*3,930	7.54 m
4.5 m	kg					*7,890	*7,890	*6,620	6,380	*6,000	4,500	*3,880	*3,880	8.14 m
3.0 m	kg					*9,820	9,340	*7,510	6,090	6,160	4,370	*3,990	3,660	8.42 m
1.5 m	kg					*11,340	8,800	*8,300	5,820	6,020	4,240	*4,270	3,590	8.43 m
G.L.	kg			*7,310	*7,310	*11,890	8,540	8,220	5,650	5,930	4,150	*4,770	3,710	8.16 m
-1.5 m	kg	*7,820	*7,820	*12,370	*12,370	*11,520	8,490	8,160	5,600	5,930	4,160	*5,690	4,090	7.59 m
-3.0 m	kg	*13,050	*13,050	*14,010	*14,010	*10,160	8,610	*7,470	5,680			*6,330	4,990	6.63 m
-4.5 m	kg			*9,640	*9,640	*6,970	*6,970					*5,770	*5,770	5.07 m

SK260LC	Standard Arm: 2.98 m Bucket: without Shoe: 600 mm Double grouser shoe (High & Wide Specs)												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											*4,860	*4,860	6.98 m
6.0 m	kg							*5,970	*5,970	*5,920	*5,920	*4,650	*4,650	7.91 m
4.5 m	kg					*8,210	*8,210	*6,870	*6,870	*6,260	5,860	*4,660	*4,660	8.48 m
3.0 m	kg					*10,690	*10,690	*8,040	7,860	*6,840	5,660	*4,830	4,480	8.75 m
1.5 m	kg					*12,660	11,350	*9,140	7,500	7,370	5,470	*5,190	4,390	8.76 m
G. L.	kg			*7,190	*7,190	*13,570	11,040	*9,870	7,270	7,230	5,350	*5,810	4,510	8.50 m
-1.5 m	kg	*8,710	*8,710	*13,020	*13,020	*13,580	10,990	9,940	7,190	7,200	5,310	6,640	4,930	7.95 m
-3.0 m	kg	*14,430	*14,430	*18,010	*18,010	*12,740	11,130	*9,530	7,270			*7,750	5,870	7.05 m
-4.5 m	kg			*14,700	*14,700	*10,570	*10,570					*8,110	*8,110	5.61 m

Notes:

1. Do not attempt to lift or hold any load that is greater than these lifting capacities at their specified lift point radius and heights. Weight of all accessories must be deducted from the above lifting capacities.
2. Lifting 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 lifting capacities are in compliance with ISO 10567. They do not exceed 87% of hydraulic lifting capacity or 75% of tipping load. Lifting 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. Lifting capacities apply to only machine as originally manufactured and normally equipped by KOBELCO CONSTRUCTION MACHINERY CO., LTD.

Specifications

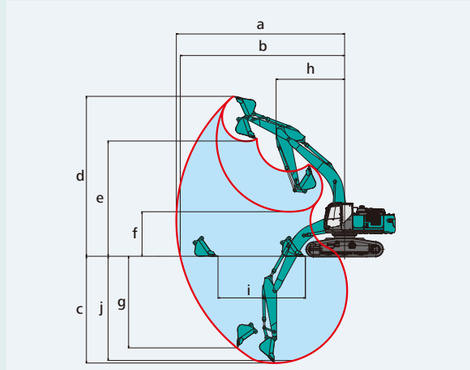
MODEL (High & Wide Specs)			SK300LC	SK350LC
PERFORMANCE				
Bucket Capacity (ISO heaped)		m^3	1.2	1.4
Swing Speed		min^{-1}	10.3	10.0
Travel Speed (high/low)		km/h	5.2/3.1	5.8/3.6
Gradeability		% (degree)	70 (35)	70 (35)
Bucket Digging Force		kN	188/208*	222/244*
Arm Crowding Force		kN	126/139*	163/180*
Drawbar Pulling Force		kN	320	310
ENGINE				
Model			HINO J08ETM-KSDQ	HINO J08ETM-KSDL
Type			Direct injection,water-cooled,4-cycle, 6-cylinder diesel engine with intercooler turbo-charger	
Power Output	(ISO 9249)	kW/min^{-1}	173/2,100	197/2,100
	(ISO 14396)	kW/min^{-1}	185/2,100	209/2,100
Max.Torque	(ISO 9249)	N·m/min^{-1}	966/1,600	969/1,600
	(ISO 14396)	N·m/min^{-1}	998/1,600	998/1,600
Displacement		L	7.684	7.684
Fuel Tank		L	503	503
HYDRAULIC SYSTEM				
Pump			Two variable displacement pumps + One gear pump	
Max. Discharge Flow		L/min	245 x 2, 21 x 1	294 x 2, 21 x 1
			Extra gear pump 1 x 43	
Relief Valve Setting	(main)/{Power Boost}	MPa	34.3/{37.8}	34.3/{37.8}
Swing Motor			Axial piston motor	
Travel Motors			2 x axial-piston, two-step motors	
Hydraulic Oil Tank (system)		L	245 (410)	245 (410)

*Power Boost engaged

Working Ranges

Unit: m

MODEL (High & Wide Specs)	SK300LC	SK350LC
Boom	6.20 m	6.50 m
Arm	Standard 3.10 m	Standard 3.30 m
a- Max. digging reach	10.87	11.26
b- Max. digging reach at ground level	10.61	11
c- Max. digging depth	6.89	7.24
d- Max. digging height	10.32	10.9
e- Max. dumping clearance	7.42	7.68
f- Min. dumping clearance	2.87	2.94
g- Max. vertical wall digging depth	5.91	6.29
h- Min. swing radius	4.43	4.31
i- Horizontal digging stroke at ground level	5.64	5.87
j- Digging depth for 2.4 m (8') flat bottom	6.73	7.08
Bucket capacity ISO heaped m^3	1.2	1.4



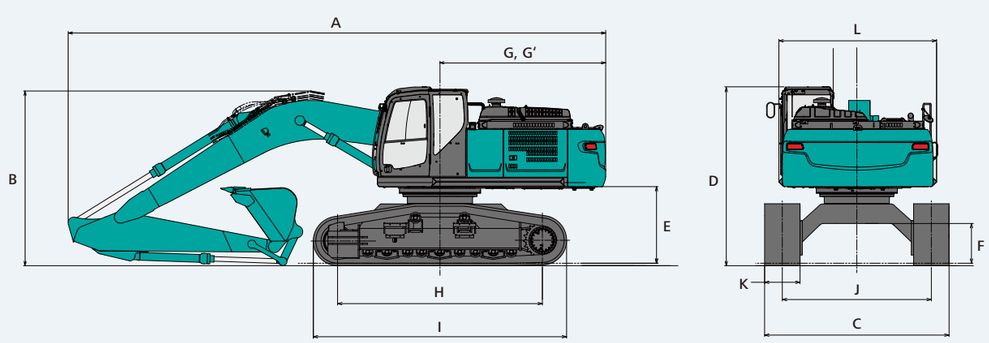
General Dimensions

Unit: mm

MODEL (High & Wide Specs)		SK300LC	SK350LC
Arm length		3.10 m	3.30 m
A	Overall length	10,620	11,170
B	Overall height (to top of boom)	3,450	3,460
C	Overall width	3,650	3,650
D	Overall height (to top of cab)	3,480	3,480
E	Ground clearance of rear end*	1,510	1,510
F	Ground clearance*	785	785

G	Tail swing radius	3,300	3,600
G'	Distance from center of swing to rear end	3,270	3,600
H	Tumbler distance	4,050	4,050
I	Overall length of crawler	5,010	5,010
J	Track gauge	2,950	2,950
K	Shoe Width	600	600
L	Overall width of upperstructure	2,980	2,980

*Without including height of shoe lug.

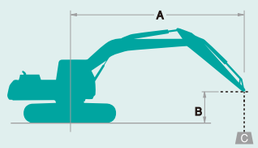


Operating Weight & Ground Pressure

SK300LC High & Wide Spec.			SK350LC High & Wide Spec.		
Operating Weight	Ground Pressure	Shoe Width	Operating Weight	Ground Pressure	Shoe Width
kg	kPa	mm	kg	kPa	mm
34,100	64	600 DG*1	38,600	72	600 DG*1
33,800	63	600 TG*2	38,300	71	600 TG*2
34,600	55	700 DG*1	39,100	62	700 DG*1
34,200	55	700 TG*2	38,700	62	700 TG*2

*1 DG: Double grouser shoe *2 TG: Triple grouser shoe

Lifting Capacities



Rating over front

Rating over side or 360 degrees

A – Reach from swing centerline for arm top
B – Arm top height above/below ground
C – Lifting capacities in kilograms
* Max. discharge pressure: 37.8 MPa

SK300LC	Standard Arm: 3.1 m Bucket: without Shoe: 600 mm Double grouser shoe (High & Wide Specs)														HEAVY LIFT
A / B	1.5 m		3.0 m		4.5 m		6.0 m		7.5 m		9.0 m		At Max. Reach		Radius
9.0 m kg													*4,660	*4,660	6.38 m
7.5 m kg									*5,430	*5,430			*4,200	*4,200	7.68 m
6.0 m kg									*6,390	*6,390			*4,030	*4,030	8.53 m
4.5 m kg					*9,650	*9,650	*7,800	*7,800	*6,960	*6,960	*4,410	*4,410	*4,020	*4,020	9.04 m
3.0 m kg					*12,830	*12,830	*9,310	*9,310	*7,750	6,930	*6,600	5,280	*4,150	*4,150	9.27 m
1.5 m kg					*15,160	13,920	*10,670	9,160	*8,530	6,690	*7,130	5,170	*4,430	*4,430	9.25 m
G. L. kg			*7,100	*7,100	*16,130	13,610	*11,560	8,900	*9,100	6,530			*4,910	*4,910	8.98 m
-1.5 m kg	*9,480	*9,480	*12,970	*12,970	*16,120	13,590	*11,830	8,820	9,180	6,480			*5,770	5,570	8.43 m
-3.0 m kg			*20,040	*20,040	*15,220	13,750	*11,350	8,900	*8,210	6,600			*7,430	6,560	7.53 m
-4.5 m kg			*18,200	*18,200	*12,970	*12,970	*9,320	9,230					*8,950	8,950	6.14 m

SK360LC	Standard Arm: 3.3 m Bucket: without Shoe: 600 mm Double grouser shoe (High & Wide Specs)														HEAVY LIFT
A / B	1.5 m		3.0 m		4.5 m		6.0 m		7.5 m		9.0 m		At Max. Reach		Radius
9.0 m kg													*6,210	*6,210	6.90 m
7.5 m kg									*7,770	*7,770			*5,780	*5,780	8.08 m
6.0 m kg									*8,020	*8,020			*5,630	*5,630	8.86 m
4.5 m kg					*12,740	*12,740	*10,020	*10,020	*8,640	*8,640	*7,900	6,650	*5,680	*5,680	9.33 m
3.0 m kg					*15,680	*15,680	*11,460	*11,460	*9,390	8,490	*8,220	6,480	*5,900	*5,900	9.54 m
1.5 m kg					*17,560	16,940	*12,630	11,170	*10,060	8,170	*8,520	6,320	*6,320	5,830	9.52 m
G. L. kg			*9,920	*9,920	*18,030	16,540	*13,220	10,830	*10,430	7,960	8,530	6,220	*7,030	6,000	9.24 m
-1.5 m kg	*12,450	*12,450	*17,060	*17,060	*17,450	16,500	*13,120	10,710	*10,320	7,880			*8,220	6,490	8.71 m
-3.0 m kg	*19,090	*19,090	*21,480	*21,480	*15,900	*15,900	*12,160	10,800	*9,320	7,980			*8,630	7,540	7.85 m
-4.5 m kg			*16,900	*16,900	*12,920	*12,920	*9,680	*9,680					*8,420	*8,420	6.54 m

Notes:

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2. Lifting 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.
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