KOBELCO

SK330 SK350LC



Power Meets Efficiency







In Pursuit of Improved Fuel Efficiency

Operation Mode

Fuel consumption is lower in ECO-mode/S-mode/ H-mode in comparison with the previous model (Generation 8).



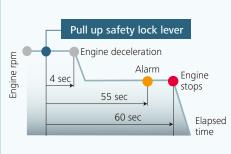
Always and Forever. Yesterday, Today, and Tomorrow. Obsessed with Fuel Efficiency.

Over the past 10 years, Kobelco has achieved an average reduction of about 37% in fuel consumption. And we vow to continue to lead in fuel efficiency. Compared to SK330-6 model (2006)



.....45%

Value is approximate improvement rate



AIS (Auto Idle Stop)

If the boarding/disembarking lever is left up, the engine will stop automatically.

This eliminates wasteful idling during standby, saving fuel and reducing CO₂ emissions as well.

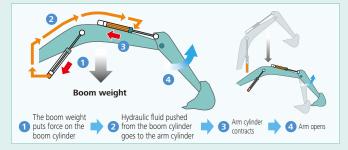


Hydraulic System: Revolutionary Technology Saves Fuel

Arm Interflow System VEW

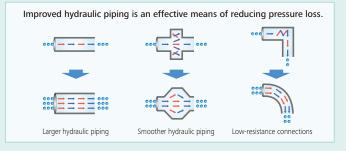


When lowering the boom, this system uses the downward force generated by the boom's weight to push fluid to the shovel arm. This greatly reduces the need to apply power from outside the system.



Hydraulic circuit reduces energy loss

We have made every effort to enhance fuel efficiency by minimizing hydraulic pressure resistance, improving the hydraulic line layout to control friction resistance loss and minimizing valve resistance.



Pursuing maximum fuel efficiency

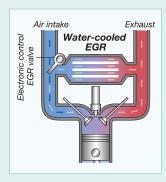
Common rail system

High-pressure injection atomizes the fuel, and more precise injection improves combustion efficiency. This also contributes to better fuel economy.



EGR cooler

While ensuring sufficient oxygen for combustion, cooled emission gases are mixed with the intake air and recirculated into the engine. This reduces oxygen content and lowers combustion temperature.



More Power and Higher Efficiency.

The highly efficient hydraulic system minimizes fuel consumption while maximizing power. With nimble movement and ample digging power, this excavator promises to improve your job productivity.

Superior Digging Force

■ Max. Bucket Digging Force

Normal: 222kN

With power boost: 244kN

■ Max. Arm Crowding Force

Normal: 163kN

With power boost: 180kN

*Values are for HD arm (3.30m)



Get More Done Faster with Superior Operability



*Values are for HD arm (3.30m)

Piping for Quick Hitch



A quick hitch hydraulic line, which speeds up attachment changes, is fitted as standard.

A Light Touch on the Lever Means Smoother, Less Tiring Work



It takes 38% less effort to work the operation lever, which reduces fatigue over long working hours or continued operations.

Heavy Lift

10% more hydraulic pressure (Heavy Lift) means greater lifting power, at close radius, allowing for smooth and steady operation while moving heavy objects.



Top Class Traveling Force

Powerful traveling force and pulling force deliver plenty of speed when climbing slopes or negotiating bad roads, and the agility to change direction swiftly and smoothly.

■ Drawbar Pulling Force: 333kN

Operator-friendly Features Include Controls that Are Easy to See, Easy to Use



Multi-Display in Color

Brilliant colors and graphic displays are easy to recognize on the LCD multi-display in the console. The display shows fuel consumption, maintenance intervals, and more.

- 1 Analog gauge provides an intuitive reading of fuel level and engine water temperature
- ② Green indicator light shows low fuel consumption during operation
- 3 Fuel consumption/Switch indicator for rear camera images
- 4 Digging mode switch
- 6 Monitor display switch



Fuel consumption



Maintenance



Breaker mod



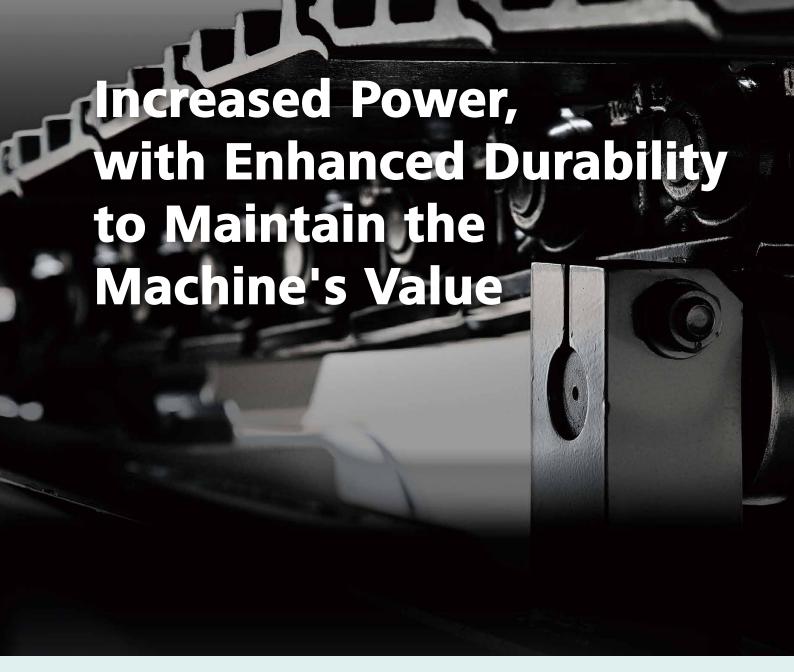
Nibbler mode

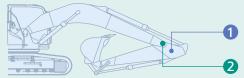


Rearview monitoring

One-Touch Attachment Mode Switch

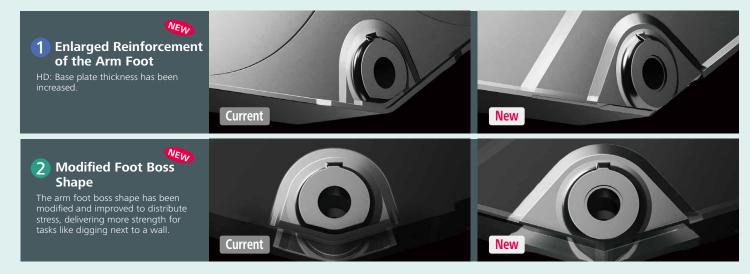
A simple flick of a switch converts the hydraulic circuit and flow amount to match attachment changes. Icons help the operator to confirm the proper configuration at a glance.





Built to Operate in Tough Working Environments

The attachment has been reinforced to handle a higher work volume, with greater power and excellent durability that can withstand demanding work conditions.





Improved Filtration System Reliability

Clean, contaminant-free fuel and hydraulic fluid are essential to stable performance. The improved filtration systems reduce the risk of mechanical trouble and enhance longevity and durability.

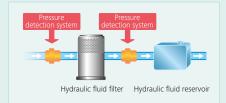
Hydraulic Fluid Filter WWW

Recognized as the best in the industry, our super-fine filter separates out even the smallest particles. New cover prevents contamination when changing filters.



Hydraulic Fluid Filter Clog Detector

Pressure sensors at the inlet and outlet of the hydraulic fluid filter monitor differences in pressure to determine the degree of clogging If the difference in pressure exceeds a predetermined level, a warning appears on the multi-display, so any contamination can be removed from the filter before it reaches the hydraulic fluid reservoir.





Metal mesh cover viva air cleaner

Metal mesh cover ensures strength and durability.



Fuel filter

The pre-filter with built-in water-separator has 1.6 times more filter area compared to the previous models, with a new final stage to maximize filtering performance.



Comfortable Cab Is Now Safer than Ever.



Comfort

Super-Airtight Cab



The high level of air-tightness keeps dust out of the cab.

Quiet Inside

The high level of air-tightness ensures a quiet, comfortable cabin interior.

Low Vibration

Coil springs absorb small vibrations, and high suspension mounts filled with silicone oil reduce heavy vibration. The long stroke achieved by this system provides excellent protection from vibration.



Broad View Liberates the Operator

The front window features one large piece of glass without a center pillar on the right side for a wide, unobstructed

Air Conditioner Register behind the Seat



The large air-conditioner has registers on the back pillars that blow from behind and to the right and left of the operator's seat. They can be adjusted to put a direct flow of cool/warm air on the operator, which means a more comfortable operating environment.

More Comfortable Seat Means Higher Productivity







Interior Equipment Adds to Comfort and Convenience











Large Cab Is Easy to Get in and out of

The expanded cab provides plenty of room for a large door, more headroom and smoother entry and exit.

Safety

ROPS Cab

ROPS (Roll-Over-Protective Structure)-compliant cab clears ISO standards (ISO-12117-2: 2008) and ensures greater safety for the operator should the machine tip over.







TOP Guard is fitted as standard.

Expanded Field of View for Greater Safety



Greater safety assured by rearview mirrors on left and right.





A rear view camera is installed as standard to simplify checking for safety behind the machine. The picture appears on the color monitor.



GEOSCAN

Excavator Remote Monitoring System



Direct Access to Operational Status

Location Data

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



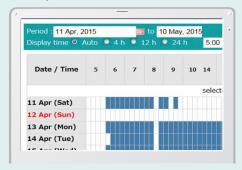




Latest location Location records Work data

Operating Hours

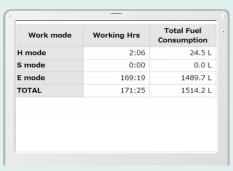
- A comparison of operating times of machines at multiple locations shows which locations are busier and more profitable.
- Operating hours on site can be accurately recorded, for running time calculations needed for rental machines, etc.



Daily report

Fuel Consumption Data

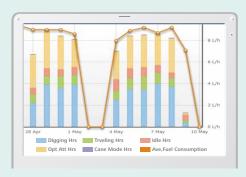
• Data on fuel consumption and idling times can be used to indicate improvements in fuel consumption.



Fuel consumption

Graph of Work Content

•The graph shows how working hours are divided among different operating categories, including digging, idling, traveling 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.	<u>Hour</u> <u>Meter</u>	Engine Oil	
SK135SRLC- 3/SK140SRL	YH07-09721		434	
	0.38/0.35	734 Hr		
SK135SRLC- 3/SK140SRL	YH07-09789	73 Hr	429	
	0.38/0.35			
SK210LC-9	YQ13-10454	960 Hr	58	
SK210LC-9	0.8/0.7	900 Hr		
SK210LC-9	YQ13-10481	549 Hr	498	
SKZ1ULC-9	0.8/0.7	349 M	490	
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.



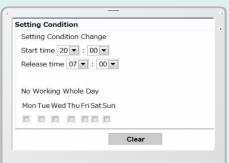
Daily/Monthly Reports

•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



Easy, On-the-Spot Maintenance

There is ample space in the engine compartment for a mechanic to do maintenance work inside. The distance between steps is lower so entry and exit is easier. And the mechanic can work in comfort, without contortions or unnatural body positions. Finally, the hood is lighter and easier to raise and lower.



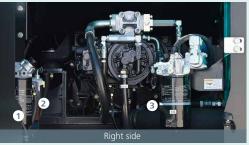




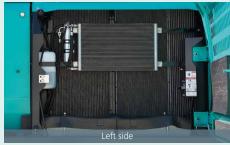
Maintenance Work, Daily Checks, Etc., Can Be Done from Ground Level

The layout allows for easy access from the ground for many daily checks and regular maintenance tasks.









Fuel filter

2 Fuel filter with built-in water-separator

3 Engine oil filter

Laid out for easy access to radiator and cooling system elements

Efficient Maintenance Keeps the Machine in Peak Operating Condition.



More Efficient Maintenance Inside the Cab



More finely differentiated fuses make it easier to locate malfunctions.



Internal and external air conditioner filters can be easily removed without tools for cleaning.

Easy Cleaning



Special crawler frame design is easily cleaned of mud.



Detachable two-piece floor mat with handles for easy removal. A floor drain is located under floor mat.



Engine oil pan equipped with drain valve.



Long-Interval Maintenance

Long-life hydraulic oil reduces cost and labor.

Replacement cycle:
1,000 hours

Highly Durable Super-fine Filter

The high-capacity hydraulic oil filter incorporates glass fiber with superior cleaning power and durability.





Engine

Model	J08ETM-KSDL		
Туре	Direct injection, water-cooled, 4-cycle diesel engine with turbocharger, intercooler		
No. of cylinders	6		
Bore and stroke	112 mm x 130 mm		
Displacement	7.684 L		
Datad marray arritment	197 kW/2,100 min-1 (ISO 9249)		
Rated power output	209 kW/2,100 min-1 (ISO 14396)		
May town	969 N·m/1,600 min-1 (ISO 9249)		
Max. torque	998 N·m/1,600 min-1 (ISO 14396)		



Hydraulic System

Pump				
Туре	Two variable displacement pumps + One gear pump			
May discharge flow	2 x 294 L/min, 1 x 21 L/min			
Max. discharge flow	Extra gear pump 1 x 43 L/min			
Relief valve setting				
Boom, arm and bucket	34.3 MPa {350 kgf/cm ² }			
Power Boost	37.8 MPa {385 kgf/cm²}			
Travel circuit	34.3 MPa {350 kgf/cm²}			
Swing circuit	29.0 MPa {296 kgf/cm²}			
Control circuit	5.0 MPa {50 kgf/cm²}			
Pilot control pump	Gear type			
Main control valve	8-spool			
Oil cooler	Air cooled type			



Swing System

Swing motor	Axial-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	10 min-1 {rpm}
Tail swing radius	3,600 mm
Min. front swing radius	4,310 mm



Travel System

Travel motors	2 x axial-piston, two-step motors
Travel brakes	Hydraulic brake per motor
Parking brakes	Oil disc brake per motor
Travel shoes	45 (48) each side
Travel speed	5.8/3.6 km/h
Drawbar pulling force	333 kN (ISO 7464)
Gradeability	70% {35°}

() show SK350LC



Cab & Control

All-weather, sound-suppressed steel cab mounted on the high suspension mounts filled with silicone oil and equipped with a heavy,

Control
Two hand levers and two foot pedals for travel
Two hand levers for excavating and swing
Electric rotary-type engine throttle



Boom, Arm & Bucket

Boom cylinders	140 mm x 1,550 mm
Arm cylinder	170 mm x 1,788 mm
Bucket cylinder	150 mm x 1,193 mm



Refilling Capacities & Lubrications

Fuel tank	503 L
Cooling system	35 L
Engine oil	28.5 L
Travel reduction gear	2 x 8.0 L
Swing reduction gear	7.4 L
Hydraulic oil tank	245 L tank oil level
	410 L hydraulic system



Attachments

Backhoe bucket and combination

Use		Backhoe bucket			
		Normal digging			
Bucket capacity	Heaped (ISO7451) m ³	1.20	1.40	1.60	
bucket capacity	Struck (ISO7451) m ³	0.84	1.00	1.20	
Opening width	With side cutter mm	1,240	1,420	1,570	
	Without side cutter mm	1,110	1,390	1,450	
No. of teeth		4	5	5	
Bucket weight kg		930	1,080	1,140	
	2.60 m short arm	0	0	©	
Combination	3.30 m standard arm	0	©	\triangle	
	4.15 m long arm	0	Δ	×	



Working Ranges

Unit: m

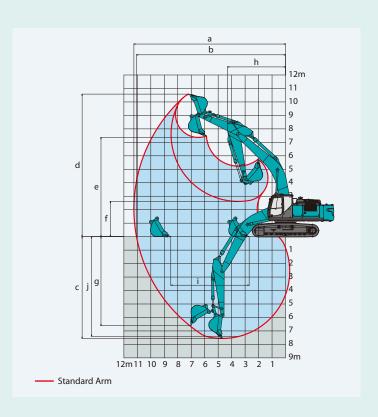
Boom	6.50 m		
Arm	Short	Standard	Long
Range	2.6 m	3.3 m	4.15 m
a- Max. digging reach	10.61	11.26	11.97
b-Max. digging reach at ground level	10.4	11.06	11.79
c- Max. digging depth	6.86	7.56	8.41
d-Max. digging height	10.26	10.58	10.7
e- Max. dumping clearance	7.06	7.37	7.53
f- Min. dumping clearance	3.32	2.62	1.77
g-Max. vertical wall digging depth	5.84	6.61	7.15
h-Min. swing radius	4.45	4.31	4.43
i- Horizontal digging stroke at ground level	4.21	5.82	7.21
j- Digging depth for 2.4 m (8') flat bottom	6.67 7.4 8		8.27
Bucket capacity ISO heaped m ³	1.6	1.4	1.2



Unit: kN {tf}

Arm length	Short	Standard	Long
	2.6 m	3.3 m	4.15 m
Bucket digging force	221	222	221
	244*	244*	243*
Arm crowding force	205	163	140
	225*	180*	154*

*Power Boost engaged.



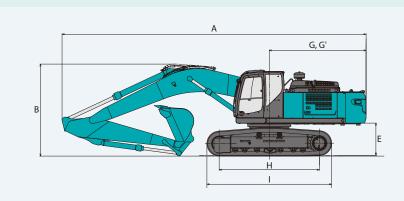


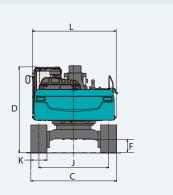
Dimensions

Ar	Arm length		Standard 3.3 m	Long 4.15 m
Α	Overall length	11,380	11,300	11,330
В	Overall height (to top of boom)	3,680	3,420	3,590
C	Overall width of crawler	3,190		
D	Overall height (to top of cab)	3,200		
Ε	Ground clearance of rear end*		1,190	
F	Ground clearance*		475	
G	G Tail swing radius 3,600			

			Unit: mm
G'	Distance from center of swing	to rear end	3,600
н	Tumbler distance	SK330	3,720
п	rumbier distance	4,050	
	Overall law with of successor	SK330	4,630
'	Overall length of crawler	SK350LC	4,960
J	Track gauge		2,590
K	Shoe width	600	
L	Overall width of upperstructur	3,120	
		*NACCLE CONTROL OF CON	

*Without including height of shoe



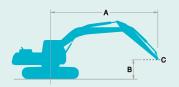


Operating Weight & Ground Pressure

In standard trim, with standard boom, 3.3 m arm, and 1.4 m³ ISO heaped bucket

Shaped			Triple grouser shoes (even height)						
Shoe width		mm	600	700	800				
O	SK330	mm	3,190	3,290	3,390				
Overall width of crawler	SK350LC	mm	3,190	3,290	3,390				
C	SK330	kPa	72	63	56				
Ground pressure	SK350LC	kPa	68	59	53				
Operating weight	SK330	kg	35,500	36,300	36,700				
	SK350LC	kg	36,300	37,100	37,500				

Lift Capacities





A: Reach from swing centerline to arm top B: Arm top height above/below ground C: Lift point Bucket: Without bucket Relief valve setting: 37.8 MPa (385 kgf/cm²)

SK330		Boom:	6.5 m Arm	։ 3.3 m, Bւ	ıcket: with	out Shoe:	600 mm (l	Heavy Lift)								
	Α	1.5	m	3.0	m	4.5	m	6.0	m	7.5	m	9.0) m	At Max	. Reach	
В		4		1		4		1		1		4		1		Radius
9.0 m	kg													*6,370	*6,370	6.56 m
7.5 m	kg									*7,800	7,800			*5,840	*5,840	7.86 m
6.0 m	kg									*7,920	7,700			*5,650	*5,650	8.71 m
4.5 m	kg							*9,710	*9,710	*8,480	7,420	7,650	5,530	*5,650	5,260	9.25 m
3.0 m	kg					*15,070	14,790	*11,140	9,790	*9,220	7,080	7,480	5,370	*5,840	4,900	9.52 m
1.5 m	kg					*17,270	13,700	*12,400	9,200	9,550	6,760	7,310	5,210	*6,210	4,770	9.54 m
G.L.	kg					*18,030	13,210	12,860	8,830	9,300	6,520	7,180	5,090	6,830	4,850	9.33 m
-1.5 m	kg			*15,400	*15,400	*17,660	13,110	12,690	8,670	9,180	6,410			7,320	5,180	8.85 m
-3.0 m	kg	*17,520	*17,520	*22,230	*22,230	*16,350	13,240	*12,470	8,700	9,230	6,460			8,370	5,910	8.07 m
-4.5 m	kg			*18,150	*18,150	*13,770	13,600	*10,460	8,960					*8,520	7,500	6.88 m

SK330 Boom: 6.5 m Arm: 4.15 m, Bucket: without Shoe: 600 mm (Heavy Lift)																
		1.5	m	3.0	m	4.5	m	6.0) m	7.5	m	9.0) m	At Max	. Reach	
В		4		4		4		1		4		4		1	-	Radius
9.0 m	kg									*5,080	*5,080			*4,780	*4,780	7.56 m
7.5 m	kg													*4,470	*4,470	8.71 m
6.0 m	kg									*6,880	*6,880	*6,590	5,680	*4,360	*4,360	9.49 m
4.5 m	kg									*7,510	7,490	*6,980	5,530	*4,380	*4,380	9.98 m
3.0 m	kg			*21,130	*21,130	*13,030	*13,030	*9,930	*9,930	*8,340	7,090	*7,410	5,320	*4,530	4,270	10.23 m
1.5 m	kg					*15,740	13,920	*11,400	9,230	*9,180	6,690	7,210	5,100	*4,820	4,140	10.25 m
G.L.	kg			*10,830	*10,830	*17,260	13,080	*12,450	8,700	9,160	6,380	7,020	4,910	*5,290	4,180	10.05 m
-1.5 m	kg	*10,180	*10,180	*14,960	*14,960	*17,590	12,750	12,440	8,420	8,950	6,180	6,910	4,810	*6,050	4,400	9.62 m
-3.0 m	kg	*14,870	*14,870	*20,400	*20,400	*16,920	12,740	12,360	8,340	8,900	6,130			7,030	4,900	8.91 m
-4.5 m	kg	*20,320	*20,320	*21,120	*21,120	*15,150	12,980	*11,460	8,480	*8,700	6,270			*8,050	5,930	7.85 m
-6.0 m	kg			*15,750	*15,750	*11,680	*11,680	*8,490	*8,490					*7,890	*7,890	6.26 m

SK330		Boom: 6.5	m Arm: 2.6 m	Bucket: withou	out Shoe: 600	mm (Heavy Lif	ft)					
	Α	3.0) m	4.5	m	6.0	m	7.5	m	At Max	. Reach	
В		<u> </u>		<u> </u>					# -		# —	Radius
7.5 m	kg									*8,750	8,330	7.06 m
6.0 m	kg					*9,350	*9,350	*8,600	7,460	*8,530	6,660	8.00 m
4.5 m	kg			*13,440	*13,440	*10,450	10,120	*9,010	7,220	8,090	5,810	8.58 m
3.0 m	kg					*11,750	9,460	*9,630	6,900	7,520	5,370	8.87 m
1.5 m	kg					*12,780	8,950	9,400	6,620	7,350	5,220	8.89 m
G.L.	kg			*17,790	13,010	12,690	8,670	9,210	6,440	7,550	5,340	8.66 m
-1.5 m	kg			*16,890	13,070	12,620	8,600	9,170	6,400	8,210	5,780	8.15 m
-3.0 m	kg	*19,120	*19,120	*15,080	13,310	*11,700	8,740			*9,090	6,810	7.29 m
-4.5 m	kg	*14,520	*14,520	*11,710	*11,710					*8,570	*8,570	5.95 m

SK350LC	SK350LC			ո։ 3.3 m, Bւ	ıcket: with	out Shoe:	600 mm (l	leavy Lift)								
A B		1.5	m	3.0	m	4.5	m	m 6.0 m		7.5 m		9.0 m		At Max. Reach		
						<u> </u>										Radius
9.0 m	kg													*6,370	*6,370	6.56 m
7.5 m	kg									*7,800	*7,800			*5,840	*5,840	7.86 m
6.0 m	kg									*7,920	7,810			*5,650	*5,650	8.71 m
4.5 m	kg							*9,710	*9,710	*8,480	7,540	*7,840	5,620	*5,650	5,350	9.25 m
3.0 m	kg					*15,070	15,030	*11,140	9,950	*9,220	7,200	*8,140	5,470	*5,840	4,990	9.52 m
1.5 m	kg					*17,270	13,930	*12,400	9,360	*9,920	6,880	8,230	5,300	*6,210	4,860	9.54 m
G.L.	kg					*18,030	13,440	*13,140	8,980	*10,380	6,640	8,100	5,180	*6,840	4,940	9.33 m
-1.5 m	kg			*15,400	*15,400	*17,660	13,340	*13,210	8,820	*10,400	6,530			*7,890	5,270	8.85 m
-3.0 m	kg	*17,520	*17,520	*22,230	*22,230	*16,350	13,480	*12,470	8,860	*9,670	6,580			*8,620	6,010	8.07 m
-4.5 m	kg			*18,150	*18,150	*13,770	*13,770	*10,460	9,110					*8,520	7,630	6.88 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.
- 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.
- Lift capacities apply to only machine as originally manufactured and normally equipped by KOBELCO CONSTRUCTION MACHINERY CO., LTD.

SK350LC		Boom:	6.5 m Arm	: 4.15 m, E	Bucket: wit	thout Shoe	e: 600 mm	(Heavy Lif	t)							
	Α	1.5	1.5 m		3.0 m		4.5 m		m	7.5	m	9.0 m		At Max	. Reach	
В		4		1		4		1		1		1		4		Radius
9.0 m	kg									*5,080	*5,080			*4,780	*4,780	7.56 m
7.5 m	kg													*4,470	*4,470	8.71 m
6.0 m	kg									*6,880	*6,880	*6,590	5,770	*4,360	*4,360	9.49 m
4.5 m	kg									*7,510	*7,510	*6,980	5,620	*4,380	*4,380	9.98 m
3.0 m	kg			*21,130	*21,130	*13,030	*13,030	*9,930	*9,930	*8,340	7,210	*7,410	5,410	*4,530	4,350	10.23 m
1.5 m	kg					*15,740	14,150	*11,400	9,380	*9,180	6,810	*7,870	5,190	*4,820	4,220	10.25 m
G.L.	kg			*10,830	*10,830	*17,260	13,310	*12,450	8,860	*9,830	6,490	7,930	5,010	*5,290	4,260	10.05 m
-1.5 m	kg	*10,180	*10,180	*14,960	*14,960	*17,590	12,980	*12,900	8,570	*10,130	6,300	7,820	4,910	*6,050	4,490	9.62 m
-3.0 m	kg	*14,870	*14,870	*20,400	*20,400	*16,920	12,970	*12,650	8,500	*9,890	6,250			*7,350	5,000	8.91 m
-4.5 m	kg	*20,320	*20,320	*21,120	*21,120	*15,150	13,210	*11,460	8,630	*8,700	6,390			*8,050	6,040	7.85 m
-6.0 m	kg			*15,750	*15,750	*11,680	*11,680	*8,490	*8,490					*7,890	*7,890	6.26 m

SK350LC		Boom: 6.5	m Arm: 2.6 m	, Bucket: with	out Shoe: 600	mm (Heavy Li	ft)					
	Α	3.0) m	4.5	m	6.0	m	7.5	m	At Max	At Max. Reach	
В		<u> </u>		-		<u> </u>		1			"-	Radius
7.5 m	kg									*8,750	8,450	7.06 m
6.0 m	kg					*9,350	*9,350	*8,600	7,580	*8,530	6,770	8.00 m
4.5 m	kg			*13,440	*13,440	*10,450	10,270	*9,010	7,340	*8,500	5,910	8.58 m
3.0 m	kg					*11,750	9,620	*9,630	7,020	8,460	5,470	8.87 m
1.5 m	kg					*12,780	9,110	*10,190	6,740	8,290	5,320	8.89 m
G.L.	kg			*17,790	13,250	*13,210	8,820	10,430	6,560	8,520	5,430	8.66 m
-1.5 m	kg			*16,890	13,300	*12,910	8,760	*10,150	6,520	*9,070	5,890	8.15 m
-3.0 m	kg	*19,120	*19,120	*15,080	13,540	*11,700	8,900			*9,090	6,930	7.29 m
-4.5 m	kg	*14,520	*14,520	*11,710	*11,710					*8,570	*8,570	5.95 m

STANDARD EQUIPMENT

ENGINE

- Engine, HINO J08ETM-KSDL, diesel engine with turbocharger and intercooler
- Automatic engine deceleration
 Auto Idle Stop (AIS)
- Batteries (2 x 12V 96Ah)
- Starting motor (24V 5 kW), 60 amp alternator
- Automatic engine shut-down for low engine oil pressure
 Engine oil pan drain cock
- Double element air cleaner

CONTROL

- Working mode selector (H-mode, S-mode and ECO-mode)
- Power Boost
- SWING SYSTEM & TRAVEL SYSTEM
- Swing rebound prevention system Straight propel system
- Two-speed travel with automatic shift down
- Sealed & lubricated track links
- Grease-type track adjusters Automatic swing brake
- HYDRAULIC

- Arm regeneration systemAuto warm up systemAluminum hydraulic oil cooler

MIRRORS & LIGHTS

- Two rear view mirrors
- Three front working lights (2 for boom, one for right storage box)

CAB & CONTROL

- Two control levers, pilot-operated
- Horn, electric
- Cab light (interior)
- Luggage tray
- Large cup holderDetachable two-piece floor mat
- Headrest
- Handrails
 Intermittent windshield wiper with double-spray washer
- Skylight
- Tinted safety glass
 Pull-up type front window and removable lower front window
- Easy-to-read multi-display color monitor
 Automatic air conditioner
- Emergency escape hammer
- Suspension seat
 Radio (AUX & Bluetooth®)
- TOP guard
- Boom & Arm safety valve
 GEOSCAN
- Travel alarm
- Quick hitch piping

OPTIONAL EQUIPMENT

- Various optional arms
- Wide range of shoes
- Additional track guide
 Multi control valve
- Extra hydraulic circuit

- Two cab lights
- Air suspension seat
- Rain visor (may interfere with bucket action)

 Cab guard
- Refueling pump

Note: Standard and optional equipment may vary. Consult your KOBELCO dealer for specifics. Bluetooth® is a registered trademark of the Bluetooth SIG Inc.

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. Due to our policy of continuous product improvements all designs and specifications are subject to change without advance notice. Copyright by **KOBELCO CONSTRUCTION MACHINERY CO., LTD.** No part of this catalog may be reproduced in any manner without notice.

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