

**Hydraulic Excavator** 

-11 SERIES

SK520L



■ Engine Power:

463 hp {345 kW} @ 1,800 rpm (SAE NET)

■ Operating Weight:

121,000 lb {54,900 kg}









# **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.







# PREMIER OPERATOR COMFORTS

### **Heated Air Ride Suspension Seat**

A 7-way adjustable seat achieves excellent shock absorption and superior ride comfort.

### **Multi Vent Air Conditioner**

Cool air is blown from multiple outlets toward the operator's body for more comfortable operation.

### **Ergonomic Lever Angles**

Operators can move levers horizontally without twisting their wrists, reducing fatigue.



### **Adjustable Height Joysticks**

Joystick height is manually adjustable to suit operator's preference.

### **LED Interior Light**

Interior lights turn on and off automatically when the door is open or the ignition is turned to the OFF position.

This ensures safe entry and exit in the dark.

### **Tilting Left Side Console**

Flip-up left console with integrated pilot control lock lever tilts for easy entry and exit from the cab.





# **SAFETY AND CONVENIENCE IN EVERY CORNER**



Standard Rear, Left and Right Side Cameras



Swing Flashers for a Safer Jobsite

Standard swing flashers notify ground workers that the machine is swinging.



**Travel Alarm** 



**Single Pedal Travel** 



Standard 7 LED Lights
Bright LED lights ensure visibility even during night work.



Wire Mesh or Vertical Bar Front Cab Guard (optional)



Battery Disconnect Switch with DEF Purge Notification Buzzer



Machine Guidance Ready Brackets
Pre-welded brackets for quicker and easier installation of
Machine Guidance Systems.



**Quick Coupler Piping Brackets** 



Adjustable Height Joystick Consoles

The operator can adjust height of attachment control levers.



Hands-Free Bluetooth® Phone Calls



USB Charging Port / 12V Power Outlet



Smartphone Holder Includes USB port for charging.



# Total Support for Machines with Network Speed and Accuracy

KOMEXS is a telematics system for receiving machine information. Manage your machines anywhere in the world using the Internet. Location, workload and diagnostic data aid business operations.



KOBELCO service personnel/dealer/customer

### **Direct Access to Operational Status**

#### **Location Data**

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



Latest location

#### **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
l mode	2:06	24.5 L
mode	0:00	0.0 L
mode	169:19	1489.7 L
OTAL	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, traveling, and optional operations (N&B).



Vork 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-	YH07-09721	200.000	dec no	
3/SK140SRL	0.38/0.35	734 Hr	434 Hr	
SK135SRLC-	YH07-09789	70.14	429 Hr	
3/SK140SRL	0.38/0.35	73 Hr	429 HF	
SK210LC-9	YQ13-10454	oco III.	En Vi	
ave Incr-A	0.8/0.7	960 Hr	58 Hr	
SK210LC-9	YQ13-10481	549 Hr	400 144	
overnm.a	0.8/0.7	349 HI	498 Hr	
SK75SR-	YT08-30374			

#### **Warning Alerts**

 This system warns an alert if an anomaly is sensed, preventing damage that could result in machine downtime.

### **Security System**

#### **Engine Start Alarm**

Sends a notification if the engine is started outside of pre-defined hours.

#### Area Alarm

Sends a notification if the machine leaves a pre-defined area.

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### **EASY MAINTENANCE**



Catwalks

Step platforms on the left and right side allow for easy access to the upper frame and fold down for ease of transportation.



**Engine Oil Filter** With an easy-access fuel filter, electromagnetic fuel pump, and sturdy new catwalk as a standard feature, routine maintenance is easier than ever.



Fuel Filter / Pre-Filter with **Integrated Water Separator** 

**Engine Maintenance** 

Moving the fuel filter to the inside left panel and the engine forward makes them easier to service on the spot. With the new electromagnetic fuel pump, you no longer need to touch the priming pump.



The greatly increased filtering capacity reduces clogging and extends reserve power and reliability.



Reversible Fan With the flip of a switch from the drivers seat, the standard feature reversing fan

pulls air in the opposite direction, blowing debris away to prevent clogging.



Hydraulic Drive for Engine Cooling Fan, Independent Oil Cooler Fan



**Tilt Opening Top Guard** Level II



**DEF Tank** 

The DEF fill is located inside the locking tool box.





Counterweight Removal System (Optional)

With less weight during transport, counterweight removal and installation is a safe, one-person job, saving labor and crane rental costs.



# **Specifications**



ISUZU 6WG1		
Direct injection, water-cooled, 4-cycle diesel engine with turbocharger, intercooler, Tier IV Final certified		
6		
5.8" × 6.1" {147 mm × 154 mm}		
956.9 cu.in {15.681 L}		
463 hp {345 kW} /1,800 rpm (Without fan)		
1,460 lb-ft {1,980 N·m} /1,500 rpm (Without fan)		

## I Hydraulic System

Pump	
Туре	Two variable displacement pumps + one gear pump
Max. discharge flow	2 × 97.7 gpm {2 × 370 L/min} 1 × 7.1 gpm {1 × 27 L/min}
Relief valve setting	
Boom, arm and bucket	4,970 psi {34.3 MPa}
Power Boost	5,480 psi {37.8 MPa}
Travel circuit	4,970 psi {34.3 MPa}
Swing circuit	3,770 psi {26.0 MPa}
Control circuit	725 psi {5.0 MPa}
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	7.5 rpm
Swing torque	139,000 lb-ft {188.4 kN·m}

# I Hydraulic P.T.O.

Output	Maximum pressure	Max. flow U.S. gpm, {lpm} (0 pressure) 1,800 rpm		
Specification	psi {MPa}			
Auxiliary	4,970 { 34.3 }	2 x 97.7 { 2 x 370 }		
Rotation	2,990 { 20.6 }	15.4 { 58.5 }		

# **I** 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	50 each side
Travel speed	3.4/2.0 mph {5.4/3.2 km/h}
Drawbar pulling force	92,200 lb {410 kN}
Gradeability	70% {35°}
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### I Cab & Control

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

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

### I Boom, Arm & Bucket

Boom cylinders	6.7" {170 mm} × 5'2" {1,584 mm}
Arm cylinder	7.5" {190 mm} × 6'6" {1,990 mm}
Bucket cylinder	6.3" {160 mm} × 4'8" {1,410 mm}

# **I** Refilling Capacities & Lubrications

Fuel tank	190 U.S.gal {720 L}		
Cooling system	18.2 U.S.gal {69 L}		
Engine oil	13.7 U.S.gal {52 L}		
Travel reduction gear	2 × 4.0 U.S.gal {15 L}		
Swing reduction gear	2 × 1.3 U.S.gal {5 L}		
Heales all tools	97.7 U.S.gal {370 L}: Tank oil level		
Hydraulic oil tank	212 U.S.gal {803 L}: Hydraulic system		
DEF tank	21.9 U.S.gal {83 L}		

# **I** Working Ranges

Unit: ft-in {m}

- Standard Arm

Boom	23′0″ {7.0 m}			
Range	Standard 11'4" (3.45 m)	Semi Long 13'3" (4.04 m)	Long 16'1" {4.90 m}	
a-Max. digging reach	39'7" {12.07}	41'1" {12.51}	43'10" {13.37}	
b-Max. digging reach at ground level	38'11" {11.85}	40'4" {12.30}	43'3" {13.17}	
c- Max. digging depth	25'6" {7.77}	27'5" (8.36)	30'3" {9.22}	
d-Max. digging height	36'0" {10.98}	35'8" {10.87}	37'2" {11.34}	
e-Max. dumping clearance	25'0" {7.62}	24'10" (7.58)	26'4" {8.02}	
f- Min. dumping clearance	9'2" {2.79}	7'3" {2.20}	4'5" {1.34}	
g-Max. vertical wall digging depth	23'2" {7.07}	23'5" {7.13}	26'8" (8.13)	
h-Min. swing radius	17'1" (5.21)	17'4" {5.29}	17'5" {5.31}	
i- Horizontal digging stroke at ground level	19'10" (6.05)	22'9" {6.93}	26'9" {8.15}	
j- Digging depth for 8' {2.4 m} flat bottom	25'0" {7.62}	27'0" {8.23}	29'11" {9.11}	
Bucket capacity SAE heaped cu.yd. {m³}	2.49 (1.90)	2.09 {1.60}	1.77 (1.35)	

# I Digging Force (ISO 6015)

Unit: lb {kN}

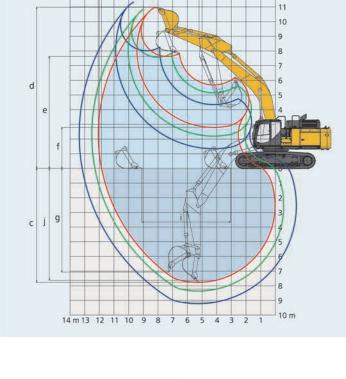
Arm length		Standard 11'4" (3.45 m)	Semi Long 13'3" {4.04 m}	Long 16'1" {4.90 m}
P. 1. 4. P. 1. T.	SAE		57,300 {255} 63,200 {281}*	
Bucket digging force ISO		65,600 {292} 72,200 {321}*	64,700 {288} 71,300 {317}*	64,700 {288} 71,300 {317}*
Arm crowding force	SAE	47,700 {212} 52,400 {233}*	43,600 {194} 47,900 {213}*	38,000 {169} 41,800 {186}*
	ISO	49,500 {220} 54,400 {242}*	45,000 {200} 49,200 {219}*	38,900 {173} 42,700 {190}*

\*Power Boost engaged.

### **I** Dimensions

Unit: ft-in {mm}

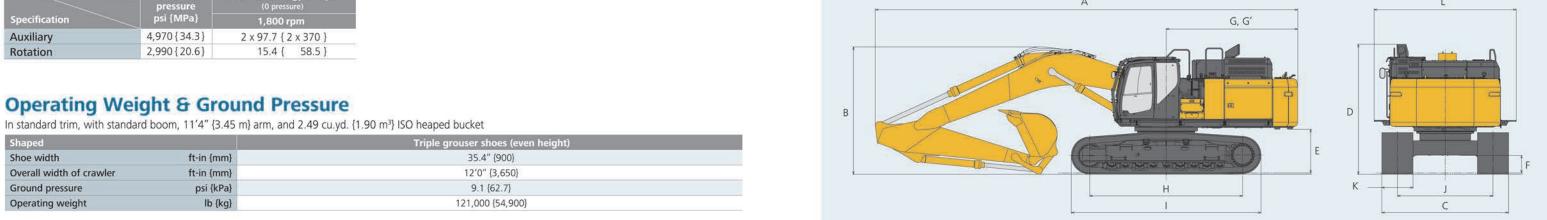
Arm length		Standard 11'4" (3.45 m)	Semi Long 13'3" {4.04 m}	Long 16'1" {4.90 m}
Α	Overall length	39'11" {12,160}	40'3" {12,260}	40'5" {12,330}
В	Overall height (to top of boom)	12'0" {3,670}	12'7" {3,830}	14'5" {4,400}
c	Overall width	12'0" {3,650}**		
D	Overall height (to top of muffler guard)	12'3" (3,740)		
E	Ground clearance of rear end*		4'2" {1,260}	
F	Ground clearance*	clearance* 20.1" {510}		



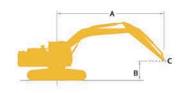
Semi Long Arm

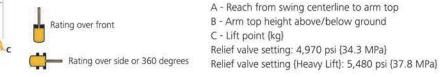
G	Tail swing radius	12'9" (3,880)
Gʻ	Distance from center of swing to rear end	12'5" (3,790)
Н	Tumbler distance	14'5" {4,400}
Ē	Overall length of crawler	17'11" {5,460}
J	Track gauge	9'0" {2,750}
K	Shoe width	35.4" {900}
L	Overall width of upperstructure	13'5" {4,090}

\*Without including height of shoe lug. \*\*Shoe width: 35.4" (900 mm)



# **Lift Capacities**





- A Reach from swing centerline to arm top

SK520 Standard		Boom: 23'	0" {7.0 m}	Arm: 11'4"	{3.45 m} \	Without bu	cket: Coun	terweight:	21,600 lb {	9,800 kg} S	ihoe: 35.4"	{900 mm}	Heavy Lift	)	
	А	10′ {3.0 m}		15′ {4.6 m}		20' {6.1 m}		25′ {7.6 m}		30′ {9.	1 m}	At max. reach			
В		4	<del></del>	4	<b>#</b>	<u> </u>	<b>#</b> -	1	<del></del>	<u> </u>	<del></del>	Ī	-	Radius	
30' {9.1 m}	lb {kg}							*20,980 {9,510}	*20,980 {9,510}			*20,310 {9,210}	*20,310 {9,210}	25'1" {7.65m}	
25' {7.6 m}	lb {kg}											*19,040 {8,630}	*19,040 {8,630}	28'10" {8.79m}	
20' {6.1 m}	lb {kg}							*27,680 {12,550}	27,630 {12,530}	*26,110 {11,840}	20,630 {9,350}	*18,590 {8,430}	*18,590 {8,430}	31'4" {9.56m}	
15' {4.6 m}	lb {kg}			*45,960 {20,840}	*45,960 {20,840}	*35,400 {16,050}	*35,400 {16,050}	*30,070 {13,630}	26,590 {12,060}	*27,050 {12,260}	20,170 {9,140}	*18,710 {8,480}	17,350 {7,860}	32'11" {10.04m}	
10' {3.0 m}	lb {kg}			*56,670 {25,700}	52,090 {23,620}	*40,570 {18,400}	34,770 {15,770}	*32,830 {14,890}	25,430 {11,530}	*28,420 {12,890}	19,560 {8,870}	*19,330 {8,760}	16,430 {7,450}	33'8" {10.26m}	
5' {1.5 m}	lb {kg}			*48,220 {21,870}	*48,220 {21,870}	*44,620 {20,230}	33,020 {14,970}	*35,220 {15,970}	24,400 {11,060}	*29,660 {13,450}	18,990 {8,610}	*20,520 {9,300}	16,150 {7,320}	33'7" {10.25m}	
G.L.	lb {kg}			*54,250 {24,600}	48,250 {21,880}	*46,540 {21,110}	32,000 {14,510}	*36,590 {16,590}	23,710 {10,750}	29,950 {13,580}	18,600 {8,430}	*22,490 {10,200}	16,490 {7,470}	32'10" {10.02m}	
-5' {-1.5 m}	lb {kg}	*38,880 {17,630}	*38,880 {17,630}	*60,990 {27,660}	48,220 {21,870}	*46,130 {20,920}	31,640 {14,350}	*36,420 {16,510}	23,410 {10,610}	*29,420 {13,340}	18,490 {8,380}	*25,720 {11,660}	17,590 {7,970}	31'3" {9.53m}	
-10' {-3.0 m}	lb {kg}	*60,980 {27,660}	*60,980 {27,660}	*55,810 {25,310}	48,760 {22,110}	*43,180 {19,580}	31,830 {14,430}	*34,010 {15,420}	23,550 {10,680}			*27,820 {12,610}	19,870 {9,010}	28'8" {8.74m}	
-15' {-4.6 m}	lb {kg}	*60,170 {27,290}	*60,170 {27,290}	*46,910 {21,270}	*46,910 {21,270}	*36,620 {16,610}	32,590 {14,780}					*27,130 {12,300}	24,580 {11,140}	24'10" {7.57m}	

SK520 Semi lon		Boom:	23'0" {7	.0 m} Ar	m: 13′3′	(4.04 m	} Witho	ut bucke	t: Count	terweigh	t: 21,600	lb {9,80	10 kg) SI	noe: 35.4	" {900 п	nm} (Hea	vy Lift)	
	А	5′ {1.	5' {1.5 m} 10'		i.0 m}	15' {4.6 m}		20′ {6	20' {6.1 m}		25′ {7.6 m}		30′ {9.1 m}		35′ {10.7 m}		At max. reach	
В		1	<del></del>	1	-	1	<del>-</del>	1	<b>—</b>	4	<del>-</del>	4	<del>-</del>	1	<del>-</del>	1	-	Radius
30' {9.1 m}	lb {kg}															*17,680 {8,010}	*17,680 {8,010}	
25' {7.6 m}	lb {kg}											*19,530 {8,850}	*19,530 {8,850}			*16,820 {7,620}	*16,820 {7,620}	
20' {6.1 m}	lb {kg}											*24,100 {10,930}	20,720 {9,390}			*16,580 {7,520}	*16,580 {7,520}	32'11" {10.04m}
15' {4.6 m}	lb {kg}									*27,980 {12,690}	26,700 {12,110}	*25,320 {11,480}	20,130 {9,130}			*16,790 {7,610}	16,050 {7,280}	34'5" {10.49m}
10' {3.0 m}	lb {kg}					*51,860 {23,520}	*51,860 {23,520}	*37,870 {17,170}	35,010 {15,880}	*30,940 {14,030}	25,390 {11,510}		19,410 {8,800}	*18,500 {8,390}	15,280 {6,930}	*17,440 {7,910}	15,190 {6,890}	35'1" {10.71m}
5' {1.5 m}	lb {kg}					*59,710 {27,080}	49,310 {22,360}		32,940 {14,940}	*33,660 {15,260}	24,200 {10,970}		18,720 {8,490}	*19,610 {8,890}	14,960 {6,780}		14,880 {6,740}	35'1" {10.70m}
G.L.	lb {kg}			*24,790 {11,240}	*24,790 {11,240}	*61,480 {27,880}	47,600 {21,590}		31,590 {14,320}		23,320 {10,570}		18,200 {8,250}			*20,420 {9,260}	15,110 {6,850}	34'4" {10.47m}
-5' {-1.5 m}	lb {kg}	*29,300 {13,290}	*29,300 {13,290}	*39,660 {17,980}	*39,660 {17,980}	*61,610 {27,940}	47,160 {21,390}		30,980 {14,050}	*35,990 {16,320}	22,850 {10,360}	29,280 {13,280}	17,940 {8,130}			*23,360 {10,590}	15,980 {7,240}	
-10' {-3.0 m}	lb {kg}	*43,790 {19,860}	*43,790 {19,860}	*56,880 {25,800}	*56,880 {25,800}	*57,750 {26,190}	47,480 {21,530}	*43,900 {19,910}	30,970 {14,040}	*34,590 {15,680}	22,820 {10,350}		18,070 {8,190}			*26,690 {12,100}	17,800 {8,070}	
-15' {-4.6 m}	lb {kg}			*67,840 {30,770}	*67,840 {30,770}	*50,490 {22,900}	48,420 {21,960}	*38,980 {17,680}	31,520 {14,290}	*30,060 {13,630}	23,320 {10,570}					*26,830 {12,160}	21,420 {9,710}	
-20' {-6.1 m}	lb {kg}					*37,800 {17,140}	*37,800 {17,140}	*28,390 {12,870}								*25,420 {11,530}	*25,420 {11,530}	21'5" {6.53m}



SK520 Long a		Boom:	23'0" {7	.0 m} Ar	m: 16′1″	{4.90 m	} Witho	ut bucke	t: Count	erweigh	t: 21,600	) lb {9,80	00 kg} Sl	noe: 35.4	" {900 n	nm} (Hea	vy Lift)				
	А	5′ {1.	.5 m}	10′ {3	10' {3.0 m}		15' {4.6 m}		20' {6.1 m}		25′ {7.6 m}		30' {9.1 m}		35′ {10.7 m}		At max. reach				
В		4	<b>#</b>	<b>⇔</b>	Ţ	Ī	Ţ	-	1	<b>—</b>	4	<del>-</del>	4	<b>—</b>	1	-	1	<b>—</b>	4	<b>—</b>	Radius
30' {9.1 m}	lb {kg}											*15,710 {7,120}	*15,710 {7,120}			*13,590 {6,160}	*13,590 {6,160}				
25' {7.6 m}	lb {kg}											*20,640 {9,360}	*20,640 {9,360}			*12,950 {5,870}		33′9′ {10.29m			
20' {6.1 m}	lb {kg}											*21,380 {9,690}	20,950 {9,500}	*16,440 {7,450}	15,930 {7,220}	*12,730 {5,770}	*12,730 {5,770}	35'11' {10.95m			
15' {4.6 m}	lb {kg}											*22,860 {10,360}	20,240 {9,180}	*21,040 {9,540}	15,610 {7,080}	*12,820 {5,810}	*12,820 {5,810}	37'3' {11.36m			
10' {3.0 m}	lb {kg}					*44,880 {20,350}	*44,880 {20,350}	*33,850 {15,350}	*33,850 {15,350}	*28,140 {12,760}	25,620 {11,620}	*24,730 {11,210}	19,390 {8,790}	*22,550 {10,220}	15,150 {6,870}	*13,200 {5,980}	*13,200 {5,980}	37′11′ {11.56m			
5' {1.5 m}	lb {kg}					*54,660 {24,790}	50,400 {22,860}	*39,220 {17,780}	33,290 {15,100}	*31,300 {14,190}	24,210 {10,980}		18,550 {8,410}	*23,540 {10,670}	14,670 {6,650}	*13,920 {6,310}	12,920 {5,860}	37'11' {11.56m			
G.L.	lb {kg}			*26,410 {11,970}	*26,410 {11,970}	*60,140 {27,270}	47,550 {21,560}	*43,060 {19,530}	31,480 {14,270}	*33,770 {15,310}	23,080 {10,460}	*28,090 {12,740}	17,850 {8,090}	23,330 {10,580}	14,280 {6,470}	*15,060 {6,830}	13,050 {5,910}	37′2′ {11.35m			
-5' {-1.5 m}	lb {kg}	*24,530 {11,120}	*24,530 {11,120}	*35,920 {16,290}	*35,920 {16,290}	*61,530 {27,900}	46,350 {21,020}	*44,840 {20,330}	30,450 {13,810}	*35,080 {15,910}	22,350 {10,130}	28,750 {13,040}	17,390 {7,880}	*23,010 {10,430}	14,080 {6,380}	*16,830 {7,630}	13,660 {6,190}	35′9′ {10.92m			
-10' {-3.0 m}	lb {kg}	*35,810 {16,240}	*35,810 {16,240}	*48,460 {21,980}	*48,460 {21,980}	*59,660 {27,060}	46,190 {20,950}	*44,390 {20,130}	30,100 {13,650}	*34,830 {15,790}	22,070 {10,010}		17,260 {7,820}			*19,690 {8,930}	14,930 {6,770}	33'7' {10.24m			
-15' {-4.6 m}	lb {kg}	*48,790 {22,130}	*48,790 {22,130}	*64,860 {29,410}	*64,860 {29,410}	*54,600 {24,760}	46,770 {21,210}	*41,360 {18,760}	30,340 {13,760}	*32,370 {14,680}	22,250 {10,090}	*24,920 {11,300}	17,590 {7,970}			*24,260 {11,000}	17,320 {7,850}				
-20' {-6.1 m}	lb {kg}			*61,860 {28,050}	*61,860 {28,050}	*45,300 {20,540}	*45,300 {20,540}		31,220 {14,160}	*25,620 {11,620}	23,100 {10,470}					*24,000 {10,880}	22,190 {10,060}				

- 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

- 5. Operator should be fully acquainted with the Operator's and Maintenance Instructions before operating this machine. Rules for safe operation of equipment should be adhered to at all times.

  6. Lift capacities apply to only machine as originally manufactured and normally equipped by KOBELCO CONSTRUCTION MACHINERY CO., LTD.

# **Standard and Optional Equipment**

Category	Description	SK520LC-11
ingine	ISUZU 6WG1 (Tier IV Final certified)	•
	Auto engine acceleration/deceleration	•
	Auto Idle Stop	•
ydraulic system	3 work modes H, S, Eco	
	Power boost	•
	Heavy lift mode	•
	Hydraulic Pressure Release	•
	Independent travel	•
	Swing priority	•
	Boom to arm regeneration	
	Auto warm-up system	
	Bi-direction (proportional hand control) and single-direction auxiliary hydraulics (nibbler and breaker)	•
	Rotation hydraulics with proportional hand control	0
	Hydraulic oil VG46	•
abin	Air suspension seat with heat	
	10-inch color monitor	
	LED door light	
	Automatic climate control	
	Radio (AM/FM, AUX, USB, Bluetooth® and hands-free telephone)	
	12V power outlet	
ghts	7 LED work lights: 2 on boom, 2 on cab front, 2 on rear counterweight, 1 on front right	
orking equipment	Standard HD boom 23'0" {7.0 m} with boom cylinder	
oriting equipment	Standard HD arm 11'4" (3.45 m) with rock guard	
	Semi long HD arm 13'3" (4.04 m) with rock guard	0
	Long HD arm 16'1" (4.90 m) with rock guard	Ö
ounterweight	Standard C/W 21,600 lb {9,800 kg} with swing flashers	•
ounter weight	Removable Counterweight	0
ndercarriage	35.4" (900 mm) triple grouser shoe	•
nucicarriage	35.4" (900 mm) single grouser shoe	
	Additional track guides (two additional per side)	
	Lower swivel quard	
afety	ROPS cab (ISO 12117-2:2008)	
arety	Tilt opening top cab guard (Top guard level II ISO 10262:1998)	
	Bar-type front guard (Front guard level II ISO 10262:1998)	0
	Mesh-type front guard (Front guard level I ISO 10262:1998)	0
	Engine emergency stop switch	
	3-inch retractable seat belt	
	Seatbelt indicator on display  Travel alarm	
	Swing flashers in counterweight	•
	Left and right side mirrors	
	3-side 270-degree camera system	•
· · · · · ·	Hose burst valve for boom and arm cylinder	
thers	Angled upper deck guards	•
	Catwalk (Left & Right Side)	•
	Reversable Fan	•
	Machine Guidance ready brackets	•
	Quick coupler piping ready brackets	•
	ISO to BHL pattern changer	•
	Battery disconnect switch	•
	KOMEXS Machine Monitoring	•
	4 Year or 4,000 Hour Warranty	•
	Single pedal travel	•

Note: 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.

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