

**Hydraulic Excavator** 

# -7 series SK230SRLC SK270SRL

OBEIO

sk270



Bucket Capacity:

0.63-1.80 cu. yd. SAE

Engine Power:

164 hp {122 kW} @ 2,000 rpm (SAE NET)

Operating Weight:

57,100 lb {25,900 kg} SK230SRLC 61,100 lb {27,700 kg} SK270SRLC

Complies with the latest exhaust emission regulations

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KOBELCO

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### **PERFORMANCE BY DESIGN**

The next generation of KOBELCO excavators bring together superior performance and thoughtful design like never before. Performance enhancements offer greater efficiency and productivity along with increased power and speed. Design improvements provide the ultimate in comfort and control.

KOBELCO refuses to compromise, creating machines that meet every challenge.

# EXCEPTIONAL PERFORMANCE JUST GOT EVEN BETTER

### Higher Efficiency, Plus a Tier IV Final Compliant Engine

The new SK230SR and SK270SR are equipped with a new Yanmar Tier IV Final compliant engine that provides excellent torque. The superior balance between engine output and torque contributes to more efficient performance than the previous models.

Model: YANMAR 4TN107FTT

Engine Output 164 hp {122 kw}/2,000 rpm (SAE NET)

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# Bucket Digging Force SK230SRLC 29,700 Ib {132 kN} (with power boost engaged)

# sk270srlc 35,300 lb{157 kN}

KOBELCC

(with power boost engaged)

Lifting Capacity SK230SRLC **17,270** Ib {7,830 kg} (Ground level over front @ 20')

sk270srlc 17,770 lb{8,060 kg}

(Ground level over front @ 20')



# 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.



# THE ULTIMATE IN SIMPLE DESIGN

In our pursuit of functional beauty and styling, we created an all new interior design focused with the operator in mind.

### Jog Dial

This dial integrates multiple functions into a single, easy to use interface. Even with gloves on, the operator can make the adjustments they need.

### **LED Illumination**

Dials and buttons are now backlit to provide a bright, clear view in any lighting condition.



# **GREATER MULTI-FUNCTION CAPABILITIES**

### **Attachment Mode Selection**

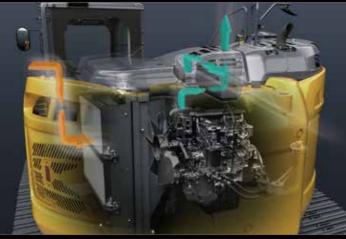
The flow-rate modes for the bucket, breaker, nibbler and thumb are all adjustable presets, allowing you to change tools quickly and easily. Mode settings for other attachments like the tilt rotator can be added or changed.



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KOBELCO

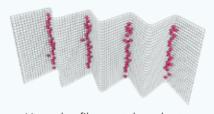
# EASY MAINTENANCE



### iNDr

A high-density, stainless steel mesh filter, blocks debris from clogging the machine's coolers while promoting easy clean out without tools. The ridges of the corrugated filter allow the air to pass through, and the grooves collect the dust, which prevents the filter from clogging.





### How the filter catches dust

#### **iNDr Filter**

The corrugated design of the iNDr filter helps prevent the cooling system and air cleaner from clogging with dust while also reducing noise and maintenance to promote a cooler, more reliable hydraulics system and engine.



#### Standard Overhead Top Guard Level II

The standard overhead cab guard can be tilted open with gas damper for easy window cleaning. Meets standard top guard level II requirements. (ISO 10262)



**Two-Stage Air Filter** Provides superior cleaning and engine protection.



**DEF Tank** The DEF fill is located inside the locking tool box.



**Control valve** Cleanly mounted with easy access to test ports.



Right Side (Ground Level Maintenance) Hydraulic pump and engine filter compartment.



Fuel filters Main Filter / Pre-Filter with Integrated Water Separator.



Engine Oil Filter Remote mounted for easy maintenance.



# 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.



### **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
H mode	2:06	24.5 L
S mode	0:00	0.0 L
E mode	169:19	1489.7 L
TOTAL	171:25	1514.2 L



#### **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).



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	Secial No.	Hour Meter	Engine Oil	1
SK135SALC- 1/SK1405RL	YH07-09721 0.36/0.35	734.11	434.10	
5K1355ALC- 3/5K1405AL	<u>9962-09289</u> 0.36/0.35	73.10	429 H	
5K210LC-9	Y013-10454 0.6/0.7	968 HF	50 Hr	
SK210LC-9	Y013-10481 0.8/0.7	540 Hr	498 Hr	
SK255R-	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.

# 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.

on counterweight



**Travel Alarm** 



Seatbelt Unfastened **Indicator On Monitor** 



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 guicker 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.

# **Specifications**

# **I** Engine

Model	YANMAR 4TN107FTT
Туре	Direct injection, water-cooled, 4-cycle diesel engine with turbocharger, intercooler, Tier IV Final certified
No. of cylinders	4
Bore and stroke	4.2" × 5.0" {107 mm × 127 mm}
<b>Displacement</b> 278.7 cu.in {4.567 L}	
Dated neuror output	164 hp {122 kW} /2,000 min <sup>-1</sup> (SAE NET)
Rated power output	170 hp {127 kW} /2,000 min <sup>-1</sup> (Without fan)
N.4	584 lbft {792 N·m} /1,500 min <sup>-1</sup> (SAE NET)
Max. torque	594 lb-ft {805 N·m} /1,500 min <sup>-1</sup> (Without fan)

# Hydraulic System

Pump			
Туре		Two variable displacement pumps +one gear pump	
Max. discharge flow		2 × 58.1 U.S.gph {2 × 220 L/min} 1 × 5.3 U.S.gph {1 × 20 L/min}	
Relief valve set	tting		
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}	
Curring circuit	SK230SRLC	4,210 psi {29.0 Mpa}	
Swing circuit	SK270SRLC	4,120 psi {28.4 Mpa}	
Control circuit	Control circuit 725 psi {5.0 Mpa}		
Pilot control pump		Gear type	
Main control va	lve	8-spool	
Oil cooler		Air cooled type	

### Swing System

Model	SK230SRLC	SK270SRLC	
Swing motor	Axial piston motor		
Brake	Hydraulic; locking automatically when the swing control lever is in the neutral position		
Parking brake	Oil disk brake, hydraulic operated automatically		
Swing speed	12.6 rpm {12.6 min <sup>-1</sup> } 10.2 rpm {10.2 min		
Swing torque	52,740 lb-ft {71.5 kN·m} (SAE)	64,680 lb-ft {87.7 kN·m} (SAE)	

# Hydraulic P.T.O.

Output	Maximum pressure	Max. flow U.S. gpm, {lpm} (0 pressure)
Specification	psi {MPa}	2,000 rpm
Auxiliary	4,970 {34.3}	2 × 58.1 {2 × 220}
Rotation	2,990 {20.6}	10.7 {40.6}

# **Operating Weight & Ground Pressure**

In standard trim, with standard boom, 9'5'' {2.87 m} arm, and 1.05 cu.yd. {0.8 m<sup>3</sup>} SAE heaped bucket

Model		SK230SRLC
Shaped		Triple grouser shoes (even height)
Shoe width 1	ft-in {mm}	31.1" {790}
Overall width of crawler	ft-in{mm}	10'5" {3,180}
Ground pressure	psi{kPa}	5.9 {41.0}
Ground pressure (with dozer blade)	psi{kPa}	6.3 {43.0}
Operating weight	lb{kg}	57,100 {25,900}
Operating weight (with dozer blade	) lb{kg}	60,600 {27,500}

# Travel System

Model	SK230SRLC	SK270SRLC	
Travel motors	2 × axial-piston, two-step motors		
Travel brakes	Hydraulic brake per motor		
Parking brakes	Oil disc brake per motors		
Travel shoes	49 each side 51 each side		
Travel speed	3.6/2.2 mph {5.8/3.5 km/h}	3.2/2.0 mph {5.2/3.2 km/h}	
Drawbar pulling force	50,800 lb {226 kN}	54,400 lb {242 kN}	
Gradeabillty	70% {35°}		

# Cab & Control

Cab

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

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

Doom, Ann a Ducket		Unit: ft-in {mm}
Model	SK230SRLC	SK270SRLC
Boom cylinders	4.7" {120} × 4'5" {1,355}	4.9" {125} × 4'4" {1,320}
Arm cylinder	5.1" {130} × 4'7" {1,406}	5.3" {135} × 5'1" {1,558}
Bucket cylinder	4.3" {110} × 3'6" {1,064}	4.7" {120} × 3'7" {1,080}

# Dozer Blade (Optional)

Model	SK230SRLC	SK270SRLC
Dozer cylinder	5.5" {140 mm} >	< 7.9" {200 mm}
Dimension	10'5" {3,180 mm} (width) 27.0" {685 mm} (height)	11'1" {3,390 mm} (width) 27.0" {685 mm} (height)
Working range	21.5" {545 mm} (up) 14.6" {370 mm} (down)	21.9" {555 mm} (up) 14.0" {355 mm} (down)

# Refilling Capacities & Lubrications

Model	SK230SRLC	SK270SRLC					
Fuel tank	87.2 U.S.g	gal {330 L}					
Cooling system	6.1 U.S.g	gal {23 L}					
Engine oil	5.3 U.S.g	gal {20 L}					
Travel reduction gear	2 × 1.3 U.S.gal {2 × 5 L}						
Swing reduction gear	0.7 U.S.gal {2.7 L}	1.3 U.S.gal {5 L}					
Hydraulic oil tank	30.1 U.S.gal {114 L} tank oil level						
	60.8 U.S.gal {230 L} hydraulic system						
DEF tank	9.0 U.S.gal {33.9 L}						

In standard trim, with standard boom, 9'8" {2.94 m} arm, and 1.05 cu.yd. {0.8m<sup>3</sup>} SAE heaped bucket

Model		SK270SRLC
Shaped		Triple grouser shoes (even height)
Shoe width f	t-in {mm}	31.5" {800}
Overall width of crawler	ft-in{mm}	11'1" {3,390}
Ground pressure	psi{kPa}	6.0 {41.0}
Ground pressure (with dozer blade)	psi{kPa}	6.3 {44.0}
Operating weight	lb{kg}	61,100 {27,700}
Operating weight (with dozer blade)	lb{kg}	64,600 {29,300}





# Working Ranges (SK230SRLC)

	Unit: ft-in {m}
Boom	18′5″ {5.62 m}
Arm	9′5″ {2.87 m}
a-Max. digging reach	31'10" {9.70}
b-Max. digging reach at ground level	31'3" {9.53}
c- Max. digging depth	21'7" {6.58}
d-Max. digging height	34'9" {10.58}
e-Max. dumping clearance	25'4" {7.71}
f- Min. dumping clearance	9'9" {2.98}
g-Max. vertical wall digging depth	19'6" {5.95}
h-Min. swing radius	7'9" {2.37}
i- Horizontal digging stroke at ground level	16'6" {5.03}
j- Digging depth for 8' {2.4 m} flat bottom	20'11" {6.37}
Bucket capacity SAE heaped cu.yd. {m <sup>3</sup> }	1.05 {0.80}

### Digging Force (ISO 6015)

	130 00	Unit: lb {kN}
Arm length		9′5″ {2.87 m}
Bucket digging force	SAE	24,300 {108} 26,800 {119}*
Bucket digging force	ISO	27,000 {120} 29,700 {132}*
Arm crowding force	SAE	19,200 {85.5} 21,200 {94.1}*
Ann crowding force	ISO	19,800 {88.0} 21,800 {96.8}*

\*Power Boost engaged.

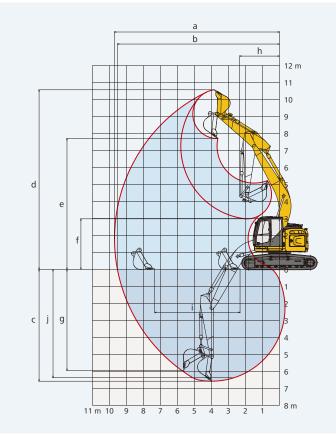
Unit: ft-in {m}

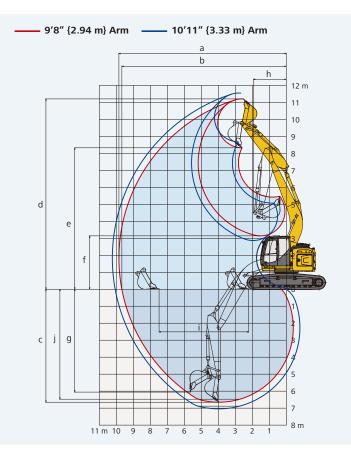
### Working Ranges (SK270SRLC)

Boom	18'6″ {5.65 m}					
Arm	9′8″ {2.94 m}	10′11″ {3.33 m}				
a-Max. digging reach	32'4" {9.85}	33'7" {10.24}				
b-Max. digging reach at ground level	31'9" {9.68}	33'0" {10.07}				
c- Max. digging depth	21'10" {6.65}	23'1" {7.04}				
d-Max. digging height	36'9" {11.21}	37'11" {11.55}				
e-Max. dumping clearance	27'4" {8.33}	28'5" {8.67}				
f- Min. dumping clearance	10'4" {3.14}	9'5" {2.87}				
g-Max. vertical wall digging depth	19'11" {6.06}	21'2" {6.44}				
h-Min. swing radius	6'5" {1.96}	7'10" {2.40}				
i- Horizontal digging stroke at ground level	17'3" {5.27}	18'7" {5.66}				
j- Digging depth for 8' {2.4 m} flat bottom	21'3" {6.47}	22'7" {6.88}				
Bucket capacity SAE heaped cu.yd. {m3}	1.05 {0.80}	0.9 {0.70}				

Digging Force (ISO 6015)										
Arm length	9′8″ {2.94 m}	10'11″ {3.33 m}								
Duckat disains force	SAE	29,330 32,190	) {130} ) {143}*							
Bucket digging force	ISO	32,100 35,300	) {143} ) {157}*							
Arm crowding force	SAE	22,200 {98.8} 24,500 {109}*	20,900 {92.8} 22,900 {102}*							
Ann crowding force	22,900 {102} 25,200 {112}*	21,500 {95,6} 23.600 {105}*								
		*De	user Deest speed							

\*Power Boost engaged.





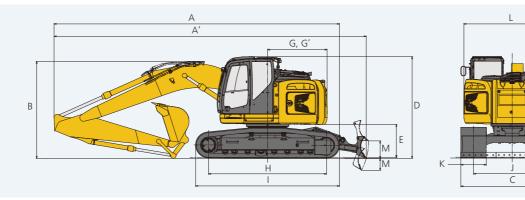
### Dimensions (SK230SRLC)

	JIIIEIISIOIIS (SK230SRI	Unit: ft-in {mm}
Ar	m length	9′5″ {2.87 m}
А	Overall length	29'0" {8,830}
A'	Overall length (with dozer blade)	31'8" {9,660}
В	Overall height (to top of boom)	9'11" {3,010}
С	Overall width	10'5" {3,180}
D	Overall height (to top of cab)	10'4" {3,160}
Е	Ground clearance of rear end*	3'5" {1,030}
F	Ground clearance*	17.5" {445}
G	Tail swing radius	6'0" {1,840}
G'	Distance from center of swing to rear end	6'0" {1,840}
Н	Tumbler distance	12'0" {3,660}
1	Overall length of crawler	14'7" {4,450}
J	Track gauge	7'10" {2,390}
Κ	Shoe width	31.1" {790}
L	Overall width of upperstructure	9'10" {2,990}
Μ	Dozar blade (up/down)**	21.5" {545}/14.6" {370}
	*Without including height of	shoe lug. **Shoe width: 31.1" {790 mm}

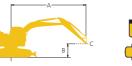
### Dimensions (SK270SRLC)

Unit: ft-in {mm} Arm length A Overall length 29'5" {8,970} 29'8" {9,040} A' Overall length (with dozer blade) 32'1" {9,770} 32'3" {9,840} B Overall height (to top of boom) 11'3" {3,430} 9'9" {2,980} C Overall width 11'1" {3,390} D Overall height (to top of cab) 10'5" {3,180} E Ground clearance of rear end\* 3'5" {1,050} F Ground clearance\* 17.9" {455} G Tail swing radius 6'2" {1,880} G' Distance from center of swing to rear end 6'2" {1,880} H Tumbler distance 12'8" {3,850} 15'3" {4,640} Overall length of crawler Т 8'6" {2,590} J Track gauge 31.5" {800} K Shoe width L Overall width of upperstructure 9'10" {2,990} M Dozar blade (up/down)\*\* 21.9" {555}/14.0" {355}

\*Without including height of shoe lug. \*\*Shoe width: 31.5" {800 mm}



**Lift Capacities** 



A - Reach from swing centerline to arm top

B - Arm top height above/below ground

C - Lift point {kg}

Relief valve setting {Heavy Lift}: 5,480 psi {37.8 MPa}

ÎF

SK230S	RLC	Boom: 18'5" {5.62 m} Arm: 9'5" {2.87m} Without bucket: Counterweight: 16,100 lb {7,310 kg} Shoe: 31.1" {790 mm} Dozer: without (Heavy										vy Lift)		
	А	5′ {1.5 m}		10' {3	10' {3.0 m} 1		.6 m}	20' {6.1 m}		25' {7.6 m}		At max. reach		
в		ŀ	<mark></mark>	ŀ	<mark>,</mark>	ł	<del>,</del> –	H	<del>,</del>	H	<del>4</del> -	H	<del>,</del> –	Radius
30' {9.1 m}	lb {kg}											*8,980 {4,070}	*8,980 {4,070}	12'2" {3.71 m}
25' {7.6 m}	lb {kg}					*11,550 {5,230}	*11,550 {5,230}					*7,150 {3,240}	*7,150 {3,240}	19'2" {5.85 m}
20' {6.1 m}	lb {kg}					*12,690 {5,750}	*12,690 {5,750}	*11,400 {5,170}	*11,400 {5,170}			*6,600 {2,990}	*6,600 {2,990}	23'2" {7.06 m}
15' {4.6 m}	lb {kg}			*18,970 {8,600}	*18,970 {8,600}	*16,800 {7,620}	*16,800 {7,620}	*14,340 {6,500}	12,110 {5,490}	*8,240 {3,730}	*8,240 {3,730}	*6,490 {2,940}	*6,490 {2,940}	25'6" {7.79 m}
10' {3.0 m}	lb {kg}			*27,890 {12,650}	*27,890 {12,650}	*20,360 {9,230}	17,650 {8,000}	*15,850 {7,180}	11,610 {5,260}	*11,980 {5,430}	8,370 {3,790}	*6,680 {3,020}	*6,680 {3,020}	26'9" {8.17 m}
5' {1.5 m}	lb {kg}					*23,320 {10,570}	16,580 {7,520}	*17,260 {7,820}	11,100 {5,030}	12,690 {5,750}	8,130 {3,680}	*7,170 {3,250}	*7,170 {3,250}	27'1" {8.26 m}
G.L.	lb {kg}			*14,740 {6,680}	*14,740 {6,680}	*24,280 {11,010}	15,980 {7,240}	17,270 {7,830}	10,750 {4,870}	12,500 {5,660}	7,960 {3,610}	*8,070 {3,660}	7,390 {3,350}	26'5" {8.05 m}
-5' {-1.5 m}	lb {kg}	*14,910 {6,760}	*14,910 {6,760}	*23,980 {10,870}	*23,980 {10,870}	*23,140 {10,490}	15,820 {7,170}	17,120 {7,760}	10,610 {4,810}			*9,750 {4,420}	8,050 {3,650}	24'8" {7.54 m}
-10' {-3.0 m}	lb {kg}	*24,530 {11,120}	*24,530 {11,120}	*26,640 {12,080}	*26,640 {12,080}	*19,870 {9,010}	15,980 {7,240}	*14,600 {6,620}	10,730 {4,860}			*12,650 {5,730}	9,630 {4,360}	21'9" {6.63 m}
-15' {-4.6 m}	lb {kg}			*17,390 {7,880}	*17,390 {7,880}	*13,040 {5,910}	*13,040 {5,910}					*10,890 {4,930}	*10,890 {4,930}	16'10" {5.14 m}

Rating over front

Rating over side or 360 degrees

SK230S	SK230SRLC Boom: 18'5" {5.62 m}			Arm: 9'5" {2.87 m} Without bucket: Counterweight: 16,100 lb {7,310 kg} Shoe: 31							1.1" {790 mm} Dozer: Blade down (Heavy Lift)			
	A 5' {1.5 m}		.5 m}	10' {3.0 m}		15′ {4	l.6 m}	20′ {6.1 m}		25' {7.6 m}		At max. reach		
в		<mark>⊢⇔</mark>		L	<del>,</del>	ŀ	<del>,</del>	L	<del>4</del> -		<del>,</del> -	H	<del>,</del> -	Radius
30' {9.1 m}	lb {kg}											*8,980 {4,070}	*8,980 {4,070}	12'2" {3.71 m}
25' {7.6 m}	lb {kg}					*11,550 {5,230}	*11,550 {5,230}					*7,150 {3,240}	*7,150 {3,240}	19'2" {5.85 m}
20' {6.1 m}	lb {kg}					*12,690 {5,750}	*12,690 {5,750}	*11,400 {5,170}	*11,400 {5,170}			*6,600 {2,990}	*6,600 {2,990}	23'2" {7.06 m}
15' {4.6 m}	lb {kg}			*18,970 {8,600}	*18,970 {8,600}	*16,800 {7,620}	*16,800 {7,620}	*14,340 {6,500}	12,820 {5,810}	*8,240 {3,730}	*8,240 {3,730}	*6,490 {2,940}	*6,490 {2,940}	25'6" {7.79 m}
10' {3.0 m}	lb {kg}			*27,890 {12,650}	*27,890 {12,650}	*20,360 {9,230}	18,690 {8,470}	*15,850 {7,180}	12,320 {5,580}	*11,980 {5,430}	8,900 {4,030}	*6,680 {3,020}	*6,680 {3,020}	26'9" {8.17 m}
5' {1.5 m}	lb {kg}					*23,320 {10,570}	17,610 {7,980}	*17,260 {7,820}	11,810 {5,350}	*14,010 {6,350}	8,670 {3,930}	*7,170 {3,250}	*7,170 {3,250}	27'1" {8.26 m}
G.L.	lb {kg}			*14,740 {6,680}	*14,740 {6,680}	*24,280 {11,010}	17,020 {7,720}	*17,890 {8,110}	11,460 {5,190}	*14,040 {6,360}	8,500 {3,850}	*8,070 {3,660}	7,900 {3,580}	26'5" {8.05 m}
-5' {-1.5 m}	lb {kg}	*14,910 {6,760}	*14,910 {6,760}	*23,980 {10,870}	*23,980 {10,870}	*23,140 {10,490}	16,860 {7,640}	*17,250 {7,820}	11,320 {5,130}			*9,750 {4,420}	8,590 {3,890}	24'8" {7.54 m}
-10' {-3.0 m}	lb {kg}	*24,530 {11,120}	*24,530 {11,120}	*26,640 {12,080}	*26,640 {12,080}	*19,870 {9,010}	17,020 {7,720}	*14,600 {6,620}	11,440 {5,180}			*12,650 {5,730}	10,270 {4,650}	21'9" {6.63 m}
-15' {-4.6 m}	lb {kg}			*17,390 {7,880}	*17,390 {7,880}	*13,040 {5,910}	*13,040 {5,910}					*10,890 {4,930}	*10,890 {4,930}	16'10" {5.14 m}



SK2705	RLC	Boom: 18'	6″ {5.65 m}	Arm: 9'8" {	[2.94 m} W	4 m} Without bucket: Counterweight: 16,100 lb {7,310 kg} Shoe: 31.5" {800 mm} Dozer: without (Heavy Lif									
	A 5' {1.5 m}		.5 m}	10′ {3	8.0 m}	15′ {4	.6 m}	20′ {6	.1 m}	25′ {7	.6 m}	A	At max. reach		
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30' {9.1 m}	lb {kg}											*11,850 {5,370}	*11,850 {5,370}	13'5" (4.10 m)	
25' {7.6 m}	lb {kg}					*14,860 {6,740}	*14,860 {6,740}					*9,540 {4,320}	*9,540 {4,320}	19'11" (6.08 m)	
20' {6.1 m}	lb {kg}					*15,360 {6,960}	*15,360 {6,960}	*13,980 {6,340}	*13,980 {6,340}			*8,760 {3,970}	*8,760 {3,970}	23'9" (7.24 m)	
15' {4.6 m}	lb {kg}			*20,910 {9,480}	*20,910 {9,480}	*17,660 {8,010}	*17,660 {8,010}	*14,840 {6,730}	13,890 {6,300}	*12,290 {5,570}	9,760 {4,420}	*8,540 {3,870}	*8,540 {3,870}	26'1" (7.95 m)	
10' {3.0 m}	lb {kg}			*30,270 {13,730}	*30,270 {13,730}	*20,970 {9,510}	20,440 {9,270}	*16,230 {7,360}	13,290 {6,020}	*13,650 {6,190}	9,520 {4,310}	*8,700 {3,940}	8,290 {3,760}	27'3" (8.32 m)	
5' {1.5 m}	lb {kg}					*23,560 {10,680}	19,160 {8,690}	*17,430 {7,900}	12,690 {5,750}	*14,020 {6,350}	9,230 {4,180}	*9,210 {4,170}	8,010 {3,630}	27'6" (8.40 m)	
G.L.	lb {kg}			*15,300 {6,930}	*15,300 {6,930}	*24,060 {10,910}	18,440 {8,360}	*17,770 {8,060}	12,270 {5,560}	*13,820 {6,260}	9,030 {4,090}	*10,190 {4,620}	8,180 {3,710}	26'10" (8.19 m)	
-5' {-1.5 m}	lb {kg}	*15,150 {6,870}	*15,150 {6,870}	*25,820 {11,710}	*25,820 {11,710}	*22,450 {10,180}	18,230 {8,260}	*16,780 {7,610}	12,090 {5,480}	*12,290 {5,570}	8,990 {4,070}	*11,980 {5,430}	8,890 {4,030}	25'2" (7.69 m)	
-10' {-3.0 m}	lb {kg}	*26,600 {12,060}	*26,600 {12,060}	*24,610 {11,160}	*24,610 {11,160}	*18,720 {8,490}	18,400 {8,340}	*13,770 {6,240}	12,210 {5,530}			*11,160 {5,060}	10,600 {4,800}	22'4" (6.80 m)	
-15' {-4.6 m}	lb {kg}			*15,060 {6,830}	*15,060 {6,830}	*11,600 {5,260}	*11,600 {5,260}					*8,730 {3,950}	*8,730 {3,950}	17'7" (5.37 m)	

SK2705	RLC	Boom: 18'6	5″ {5.65 m}	Arm: 9'8" {2.94 m} Without bucket: Counterweight: 16,100 lb {7,310 kg} Shoe: 31.5" {800 mm} Dozer: Blade down (Heavy Lif										Heavy Lift)
	A 5' {1.5 m}		.5 m}	10' {3	8.0 m}	15′ {4	.6 m}	20′ {6.1 m}		25' {7.6 m}		At max. reach		
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30' {9.1 m}	lb {kg}											*11,850 {5,370}	*11,850 {5,370}	13'5" (4.10 m)
25' {7.6 m}	lb {kg}					*14,860 {6,740}	*14,860 {6,740}					*9,540 {4,320}	*9,540 {4,320}	19'11" (6.08 m)
20' {6.1 m}	lb {kg}					*15,360 {6,960}	*15,360 {6,960}	*13,980 {6,340}	*13,980 {6,340}			*8,760 {3,970}	*8,760 {3,970}	23'9" (7.24 m)
15' {4.6 m}	lb {kg}			*20,910 {9,480}	*20,910 {9,480}	*17,660 {8,010}	*17,660 {8,010}	*14,840 {6,730}	14,700 {6,660}	*12,290 {5,570}	10,360 {4,690}	*8,540 {3,870}	*8,540 {3,870}	26'1" (7.95 m)
10' {3.0 m}	lb {kg}			*30,270 {13,730}	*30,270 {13,730}	*20,970 {9,510}	*20,970 {9,510}	*16,230 {7,360}	14,100 {6,390}	*13,650 {6,190}	10,120 {4,590}	*8,700 {3,940}	*8,700 {3,940}	27'3" (8.32 m)
5' {1.5 m}	lb {kg}					*23,560 {10,680}	20,350 {9,230}	*17,430 {7,900}	13,500 {6,120}	*14,020 {6,350}	9,840 {4,460}	*9,210 {4,170}	8,550 {3,870}	27'6" (8.40 m)
G.L.	lb {kg}			*15,300 {6,930}	*15,300 {6,930}	*24,060 {10,910}	19,630 {8,900}	*17,770 {8,060}	13,070 {5,920}	*13,820 {6,260}	9,640 {4,370}	*10,190 {4,620}	8,730 {3,950}	26'10" (8.19 m)
-5' {-1.5 m}	lb {kg}	*15,150 {6,870}	*15,150 {6,870}	*25,820 {11,710}	*25,820 {11,710}	*22,450 {10,180}	19,420 {8,800}	*16,780 {7,610}	12,900 {5,850}	*12,290 {5,570}	9,600 {4,350}	*11,980 {5,430}	9,500 {4,300}	25'2" (7.69 m)
-10' {-3.0 m}	lb {kg}	*26,600 {12,060}	*26,600 {12,060}	*24,610 {11,160}	*24,610 {11,160}	*18,720 {8,490}	*18,720 {8,490}	*13,770 {6,240}	13,020 {5,900}			*11,160 {5,060}	*11,160 {5,060}	22'4" (6.80 m)
-15' {-4.6 m}	lb {kg}			*15,060 {6,830}	*15,060 {6,830}	*11,600 {5,260}	*11,600 {5,260}					*8,730 {3,950}	*8,730 {3,950}	17'7" (5.37 m)

SK270S	RLC	Boom: 18'	6″ {5.65 m}	Arm: 10'11	″ {3.33 m}	Without bucket: Counterweight: 16,100 lb {7,310 kg} Shoe: 31.5" {800 mm} Dozer: without (Heavy Lif								Heavy Lift)
	A 5' {1.5 m}		.5 m}	10' {3.0 m}		15′ {4	.6 m}	20' {6.1 m}		25' {7.6 m}		At max. reach		
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30' {9.1 m}	lb {kg}					*12,350 {5,600}	*12,350 {5,600}					*10,710 {4,850}	*10,710 {4,850}	15'11" (4.85 m)
25' {7.6 m}	lb {kg}					*13,380 {6,060}	*13,380 {6,060}	*11,890 {5,390}	*11,890 {5,390}			*8,920 {4,040}	*8,920 {4,040}	21'8" (6.61 m)
20' {6.1 m}	lb {kg}					*13,130 {5,950}	*13,130 {5,950}	*13,180 {5,970}	*13,180 {5,970}	*9,020 {4,090}	*9,020 {4,090}	*8,250 {3,740}	*8,250 {3,740}	25'2" (7.69 m)
15' {4.6 m}	lb {kg}			*14,150 {6,410}	*14,150 {6,410}	*15,720 {7,130}	*15,720 {7,130}	*14,150 {6,410}	14,040 {6,360}	*12,720 {5,760}	9,850 {4,460}	*8,040 {3,640}	*8,040 {3,640}	27'5" (8.36 m)
10' {3.0 m}	lb {kg}			*30,260 {13,720}	*30,260 {13,720}	*19,980 {9,060}	*19,980 {9,060}	*15,670 {7,100}	13,410 {6,080}	*13,280 {6,020}	9,570 {4,340}	*8,160 {3,700}	7,740 {3,510}	28'7" (8.71 m)
5' {1.5 m}	lb {kg}					*22,980 {10,420}	19,370 {8,780}	*17,070 {7,740}	12,770 {5,790}	*13,820 {6,260}	9,250 {4,190}	*8,580 {3,890}	7,490 {3,390}	28'9" (8.78 m)
G.L.	lb {kg}			*15,760 {7,140}	*15,760 {7,140}	*24,070 {10,910}	18,510 {8,390}	*17,710 {8,030}	12,280 {5,570}	*13,890 {6,300}	9,000 {4,080}	*9,390 {4,250}	7,620 {3,450}	28'2" (8.59 m)
-5' {-1.5 m}	lb {kg}	*13,570 {6,150}	*13,570 {6,150}	*24,030 {10,890}	*24,030 {10,890}	*23,010 {10,430}	18,180 {8,240}	*17,100 {7,750}	12,040 {5,460}	*12,940 {5,860}	8,900 {4,030}	*10,830 {4,910}	8,210 {3,720}	26'7" (8.11 m)
-10' {-3.0 m}	lb {kg}	*23,430 {10,620}	*23,430 {10,620}	*26,980 {12,230}	*26,980 {12,230}	*19,880 {9,010}	18,250 {8,270}	*14,750 {6,690}	12,070 {5,470}			*10,830 {4,910}	9,580 {4,340}	23'10" (7.28 m)
-15' {-4.6 m}	lb {kg}			*18,270 {8,280}	*18,270 {8,280}	*13,870 {6,290}	*13,870 {6,290}					*9,080 {4,110}	*9,080 {4,110}	19'6" (5.96 m)

SK270SRLC		Boom: 18'6" {5.65 m}		Arm: 10'11"	{3.33 m} V	Without bucket: Counterweight: 16,100 lb {7,310			kg} Shoe: 3	31.5″ {800 m	m} Dozer: l	n} Dozer: Blade down (Heavy Lift)		
A		5′ {1.5 m}		10' {3.0 m}		15′ {4.6 m}		20' {6.1 m}		25′ {7.6 m}		At max. reach		
в		ŀ	<del>,</del>	ŀ	<del></del>	ŀ	<del>,</del>	ł	<del></del>	ł	<del>,</del>	ł	<del>,</del> -	Radius
30' {9.1 m}	lb {kg}					*12,350 {5,600}	*12,350 {5,600}					*10,710 {4,850}	*10,710 {4,850}	13'5" (4.10 m)
25' {7.6 m}	lb {kg}					*13,380 {6,060}	*13,380 {6,060}	*11,890 {5,390}	*11,890 {5,390}			*8,920 {4,040}	*8,920 {4,040}	19'11" (6.08 m)
20' {6.1 m}	lb {kg}					*13,130 {5,950}	*13,130 {5,950}	*13,180 {5,970}	*13,180 {5,970}	*9,020 {4,090}	*9,020 {4,090}	*8,250 {3,740}	*8,250 {3,740}	23'9" (7.24 m)
15' {4.6 m}	lb {kg}			*14,150 {6,410}	*14,150 {6,410}	*15,720 {7,130}	*15,720 {7,130}	*14,150 {6,410}	*14,150 {6,410}	*12,720 {5,760}	10,460 {4,740}	*8,040 {3,640}	*8,040 {3,640}	26'1" (7.95 m)
10' {3.0 m}	lb {kg}			*30,260 {13,720}	*30,260 {13,720}	*19,980 {9,060}	*19,980 {9,060}	*15,670 {7,100}	14,220 {6,450}	*13,280 {6,020}	10,180 {4,610}	*8,160 {3,700}	*8,160 {3,700}	27'3" (8.32 m)
5' {1.5 m}	lb {kg}					*22,980 {10,420}	20,560 {9,320}	*17,070 {7,740}	13,570 {6,150}	*13,820 {6,260}	9,860 {4,470}	*8,580 {3,890}	8,000 {3,620}	27'6" (8.40 m)
G.L.	lb {kg}			*15,760 {7,140}	*15,760 {7,140}	*24,070 {10,910}	19,700 {8,930}	*17,710 {8,030}	13,090 {5,930}	*13,890 {6,300}	9,610 {4,350}	*9,390 {4,250}	8,140 {3,690}	26'10" (8.19 m)
-5' {-1.5 m}	lb {kg}	*13,570 {6,150}	*13,570 {6,150}	*24,030 {10,890}	*24,030 {10,890}	*23,010 {10,430}	19,370 {8,780}	*17,100 {7,750}	12,840 {5,820}	*12,940 {5,860}	9,500 {4,300}	*10,830 {4,910}	8,770 {3,970}	25'2" (7.69 m)
-10' {-3.0 m}	lb {kg}	*23,430 {10,620}	*23,430 {10,620}	*26,980 {12,230}	*26,980 {12,230}	*19,880 {9,010}	19,440 {8,810}	*14,750 {6,690}	12,880 {5,840}			*10,830 {4,910}	10,220 {4,630}	22'4" (6.80 m)
-15' {-4.6 m}	lb {kg}			*18,270 {8,280}	*18,270 {8,280}	*13,870 {6,290}	*13,870 {6,290}					*9,080 {4,110}	*9,080 {4,110}	17'7" (5.37 m)

#### Notes:

1. 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.

2. 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. Bucket pin attachment point 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.

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

# **Standard and Optional Equipment**

SK230SRLC-7 Category SK270SRLC-7 Engine YANMAR 4TN107FTT (Tier IV Final certified) Auto engine acceleration/deceleration Auto Idle Stop Hydraulic system 3 work modes H, S, Eco Power boost Heavy lift mode • Hydraulic Pressure Release Independent travel Swing priority Auto warm-up system Bi-direction and single direction auxiliary (Nibbler/Breaker) with proportional hand control • Rotation hydraulics with proportional hand control Hydraulic oil VG46 Cabin Air suspension seat with heat • 10-inch color monitor LED door light 0 Automatic climate control Radio (AM/FM, AUX, USB, Bluetooth® and hands-free telephone) • 12V power outlet Liahts 7 LED work lights: 2 on boom, 2 on cab front, 2 on rear counterweight, 1 on front right Working equipment Standard boom 18'5" {5.62 m} Standard HD boom 18'6" {5.65 m} Standard arm 9'5" {2.87 m} . Standard HD arm 9'8" {2.94 m} with rock guard • Long HD arm 10'11" {3.33 m} **Counter weight** Standard C/W 16,100 lb {7,310 kg} with swing flashers Undercarriage 31.1" {790 mm} triple grouser shoe 31.5" {800 mm} triple grouser shoe Lower swivel guard • Dozer blade with float Safety ROPS cab (ISO 12117-2:2008) • • Tilt opening top cab guard (Top guard level II ISO 10262:1998) Bar-type front guard (Front guard level II ISO 10262:1998) Mesh-type front guard (Front guard level I ISO 10262:1998) Engine emergency stop switch 3-inch retractable seat belt Seatbelt indicator on display • Travel alarm Swing flashers in counterweight Left and right side mirrors 0 3-side 270-degree camera system 0 Hose burst valve for boom and arm cylinder Others 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

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Bulletin SK230-SK270SRLC-7 -NA-102-2311XXEX

●=Std ○=Opt