KOBELCO

SK230SRLC-7/SK270SRLC-7/SK270SRNLC-7

Performance X Design

# SK230SR LC
# SK270SR LC
# SK270SR NLC

- **Bucket capacity:**
  **0.51 – 0.93 $m^3$**
- **Engine power:**
  **127 kW / 2,000 $min^{-1}$**
- **Operating weight:**
  **24,000 – 29,800 kg**

**Complies with the EU Stage V exhaust emission regulation**

*Built for Perfectionists™*


SK270SR LC

# Performance X Design

**SK230SRLC/SK270SRLC/SK270SRNLC of KOBELCO has realised a completely new value by harmonising PERFORMANCE and DESIGN. 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.**

# 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.


LOCK
+
SRC
REDIAL
DAB
LIST UPDT
MODE
ENTER
PTY
A.PRESET
DOWN
UP
1
2

# UNFORGETTABLE COMFORT

## Air suspension seat

A GRAMMER* seat is installed as standard equipment, which achieves excellent shock absorption and superior ride comfort.

*GRAMMER is trademark of GRAMMER AG. registered in Germany and other countries.

## 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.

## New hydraulic control

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

## 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.

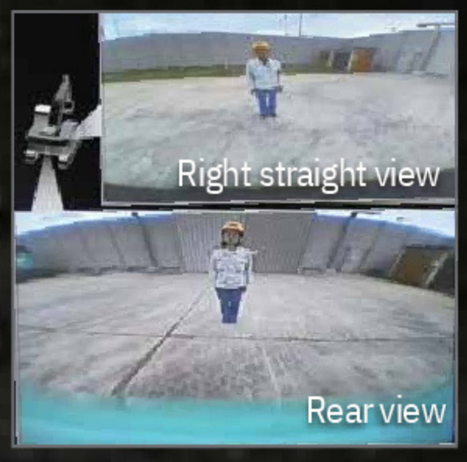
## Parallel wipers secure a wide field of view

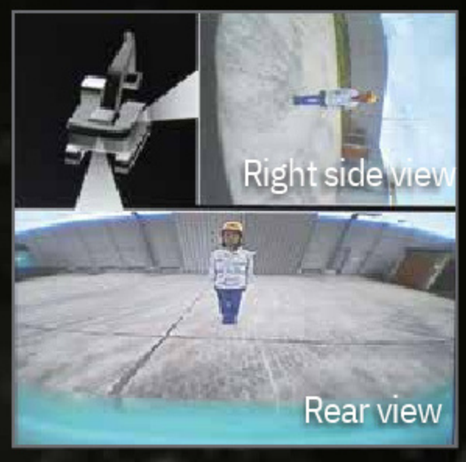

KOBELCO
04:33
SETTING MENU
PICTURE OF CAMERA
CLOCK SETTING
SCREEN BRIGHTNESS
MAINTENANCE
CONSUMPTION
LANGUAGE SELECTION
PR
PRESSURE RELEASE
E
F
E
F
mode
AUTO
n/min

# 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.





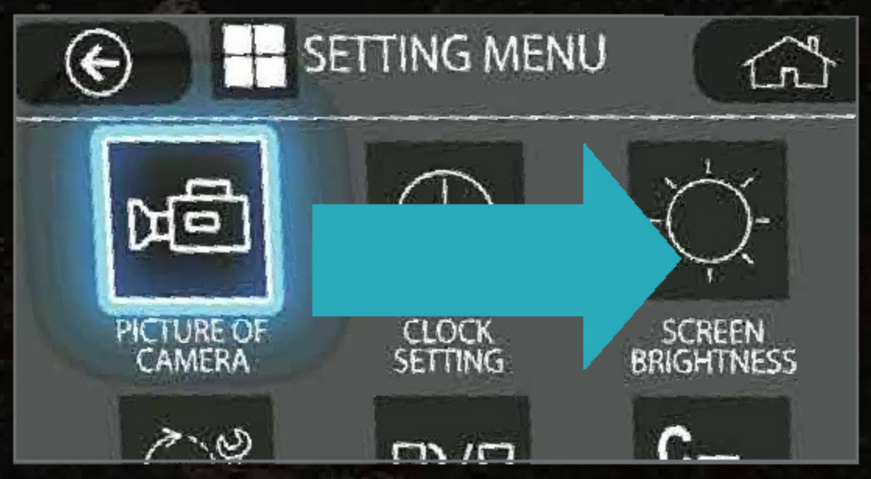

Eagle Eye View

## 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 con rm selection.




# IDEAL FOR URBAN WORK SITES PROVIDES A BROAD WORKING RANGE

## Minimal swing radius improves efficiency

The tail of the upper body extends very little past the crawlers, so the operator can concentrate on the job at hand. This also reduces the risk of collision damage.

## Easy workability even in Close Quarters

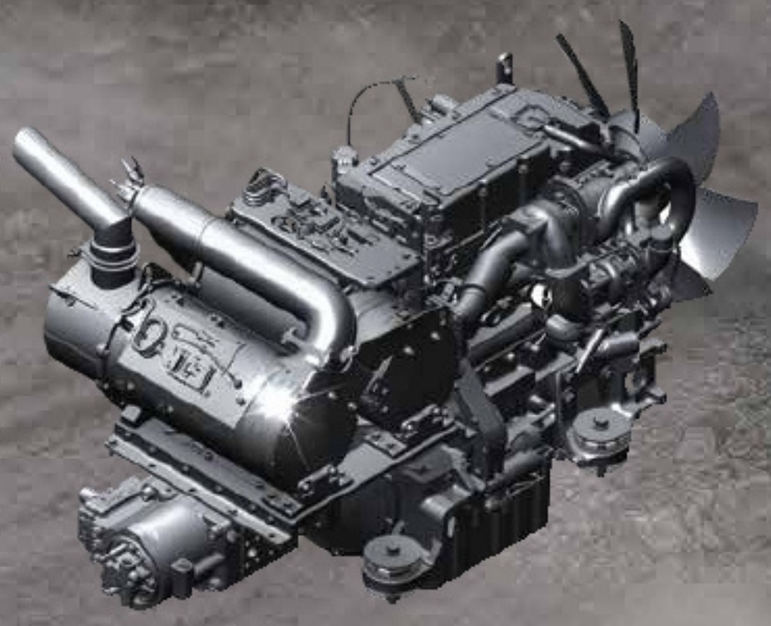
The compact design allows continuous 180° dig, and load operations within a working space of just 4.06m (SK230SR) / 3.68m (SK270SR).


Figures above show the value for standard boom and standard arm spec.

# EXPERIENCING A COMPETENT PERFORMANCE

## Higher Efficiency, plus a EU Stage V Compliant Engine

The new SK230SRLC/SK270SRLC/SK270SRNLC is equipped with a Yanmar Stage V compliant engine, which has a higher torque value. Superior balance between engine output and torque contributes to more efficient performance than the previous models. In addition, the DPF replacement interval has been extended.



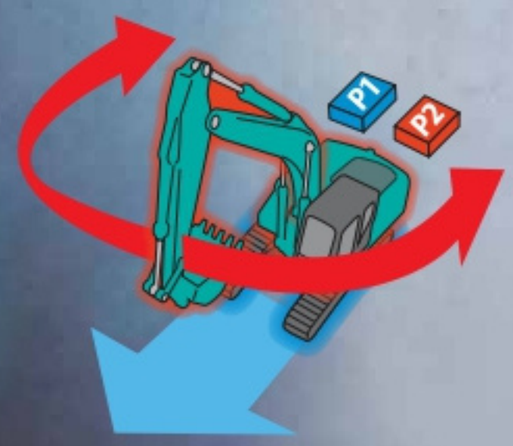
Model: YANMAR 4TN107FTT

### Engine output

**127 kW / 2,000 min$^{-1}$**

## Independent Travel

Selecting Independent Travel dedicates one hydraulic pump to travel and one to the attachment on a continuous basis, allowing for a smooth and constant movement speed even while swinging or using the boom or attachment. With Independent Travel, safely carrying a large pipe across a job site is a breeze.

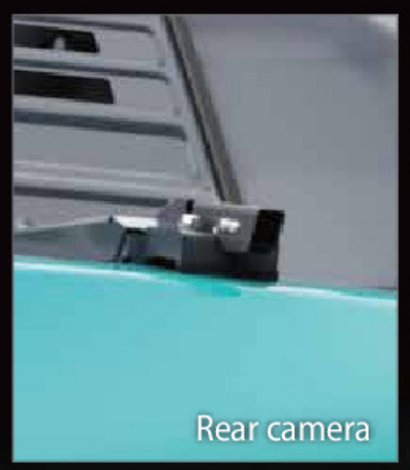


# GREATER MULTI-FUNCTION CAPABILITIES

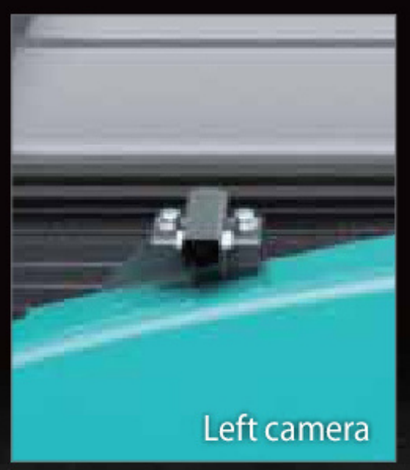
## Attachment mode slection

The auxiliary flow rates for the bucket, breaker, nibbler, and rotating are all now adjustable by the operator through the monitor, allowing you to change tools quickly and easily. Mode settings for other attachments like the tilt rotator can be added or changed.

# CONVENIENT AND SENSIBLE EQUIPMENT



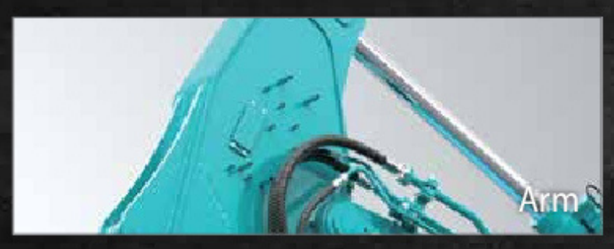





**Standard Rear, Left and Right Side Cameras**

**Parallel wiper**

**Sun screen (Option)**

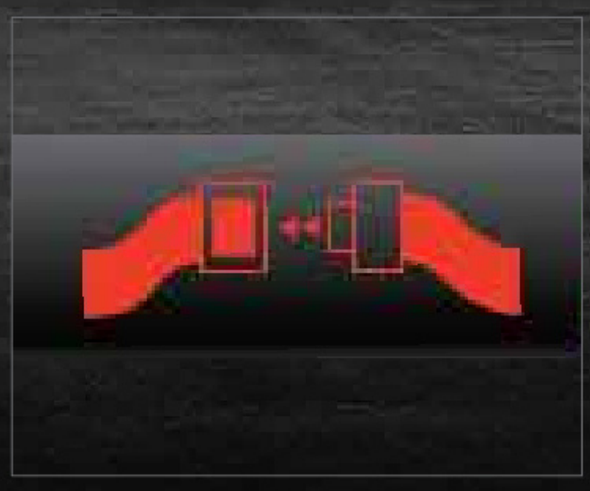






**Machine Guidance Ready Brackets**

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



**Seatbelt Unfastened Indicator On Monitor**

**Console mount**

The console-integrated seat allows for comfortable operation.

**DAB+ radio (FM/AM & AUX & USB & Bluetooth® & hands-free telephone)**

**USB port/12 V power outlet**


**Smartphone holder**

You can use the holder with your smartphone connected to the USB port.


**Engine start password**

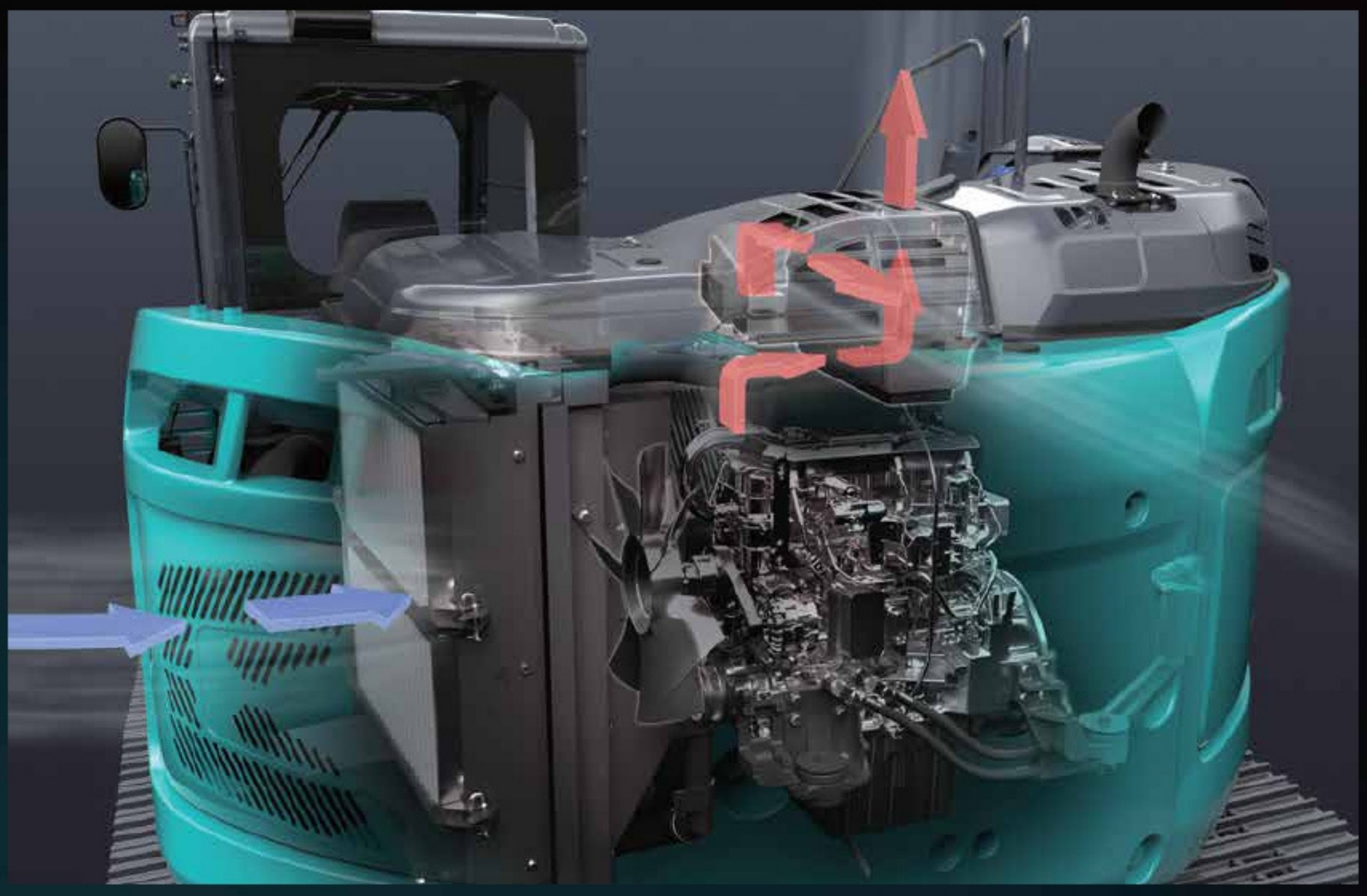
A password is required when starting the engine for greater security.

**Wiper adjustment function**

In addition to the intermittent wiper mode and continuous wiper mode, the one-time wiper mode was added.

Note: Bluetooth® is a registered trademark of the Bluetooth SIG Inc.

# NON-STOP OPERATION BY iNDr



## Ultimate low noise

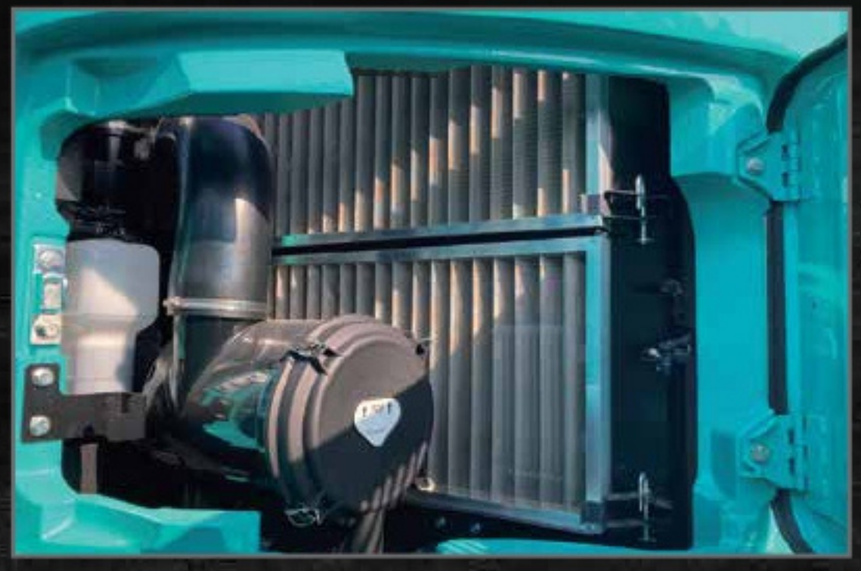
KOBELCO's exclusive iNDr Cooling System delivers amazingly quiet operation.

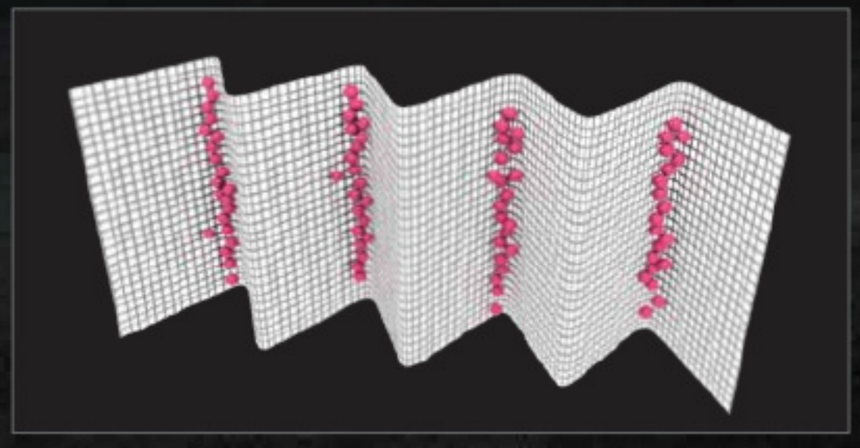
**Sound Power Level** 99 dB

## iNDr Filter

A high-density mesh filter blocks dust intruding during air intake. This prevents the cooling device and the air cleaner from clogging with dust and maintains their performances.
The ridges of the corrugated filter allow the air to pass through, and the grooves collect the dust, which prevents the filter from clogging.

iNDr Integrated Noise & Dust Reduction Cooling System





The iNDr filter has a high-density mesh of 30 lines per inch to collect dust.

# EASY MAINTENANCE


### 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)

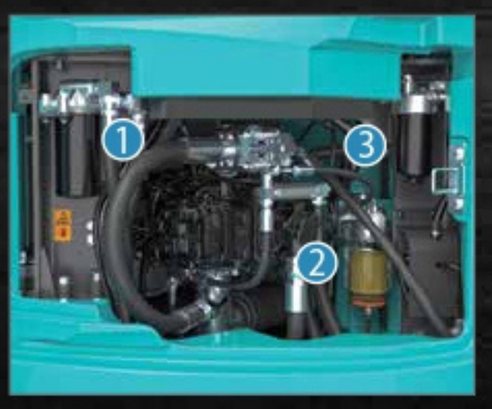
### Two-Stage Air Filter

### Left Side (Radiator and Cooling System Elements)

Laid out for easy access to radiator and cooling system with clean out screen.

### DEF/AdBlue® Tank

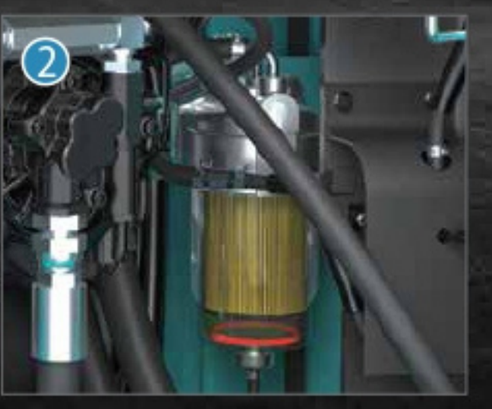
The DEF/AdBlue® fill is placed on the step for easy access.




### Right Side (Ground Level Maintenance)

Hydraulic pump and engine filter compartment.


### Engine Oil Filter




### Pre-Filter with Integrated Water Separator


### Fuel Filter

Note: AdBlue® is a registered trademark of the Verband der Automobilindustrie e.V. (VDA).

# KOMEXS KOBELCO MONITORING EXCAVATOR SYSTEM

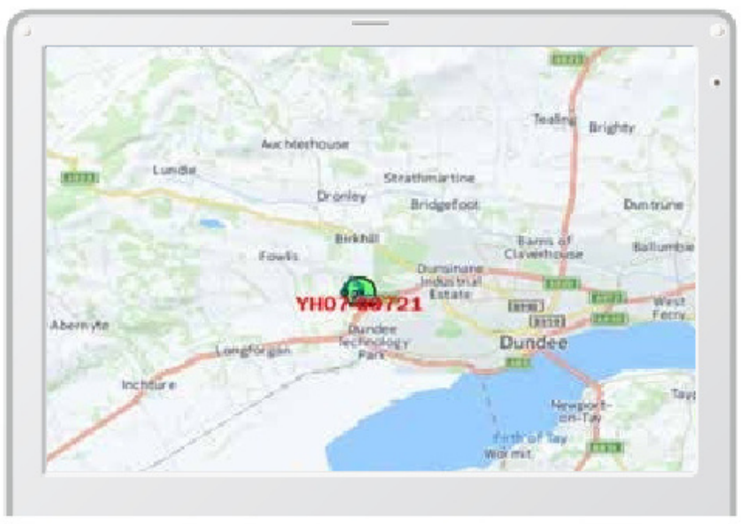

## Remote Monitoring for Peace of Mind

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

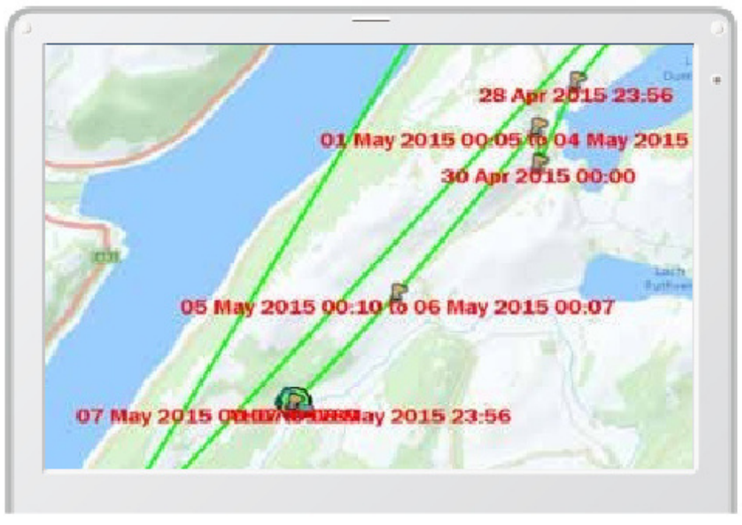
## Direct Access to Operational Status

### Location Data

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




Latest location




Location records


Work data

## Operating Hours

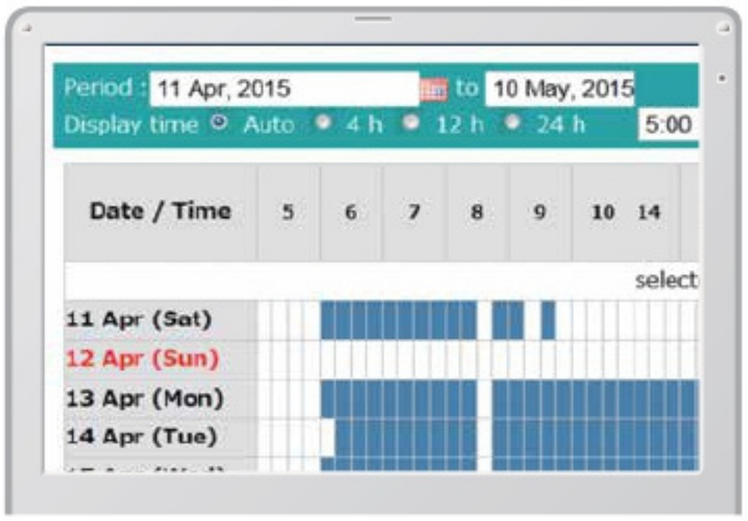
- A comparison of operating times of machines at multiple locations shows which locations are busier and more profitable.
- Operating hours on site can be accurately recorded, for running time calculations needed for rental machines, etc.

## Fuel Consumption Data

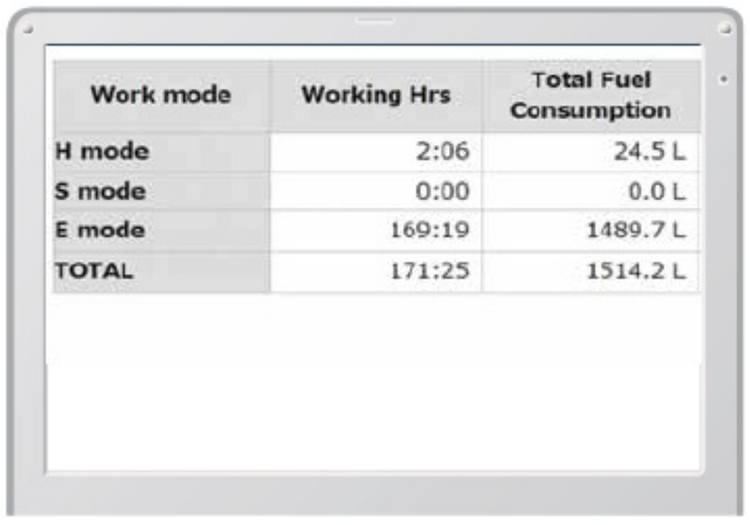
Data on fuel consumption and idling times can be used to indicate improvements in fuel consumption.

## Graph of Work Content

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

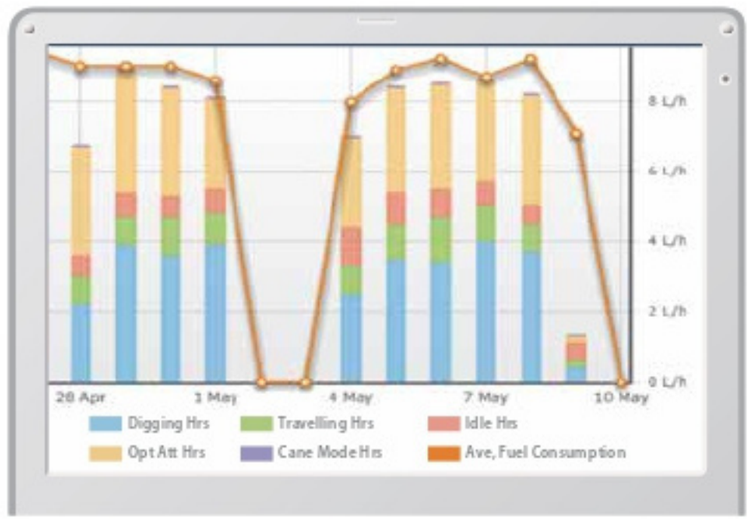



Daily report



| 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 |

Fuel consumption

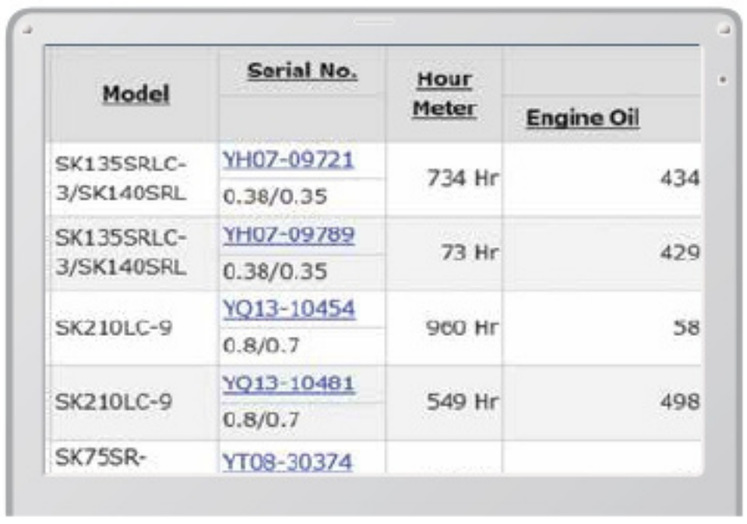



Work status

# Maintenance Data and Warning Alerts

## Machine Maintenance Data

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



| Model | Serial No. | Hour Meter | Engine Oil |
|---|---|---|---|
| SK135SRLC-3/SK140SRL | YH07-09721 | 734 Hr | 434 |
| | 0.38/0.35 | | |
| SK135SRLC-3/SK140SRL | YH07-09789 | 73 Hr | 429 |
| | 0.38/0.35 | | |
| SK210LC-9 | YQ13-10454 | 960 Hr | 58 |
| | 0.8/0.7 | | |
| SK210LC-9 | YQ13-10481 | 549 Hr | 498 |
| | 0.8/0.7 | | |
| SK75SR- | YT08-30374 | | |

Maintenance

## Warning Alerts

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

## Alarm Information Can Be Received through E-mail

Alarm information or maintenance notice can be received through E-mail, using a computer or cell phone.


Alarm messages can be received on mobile device.

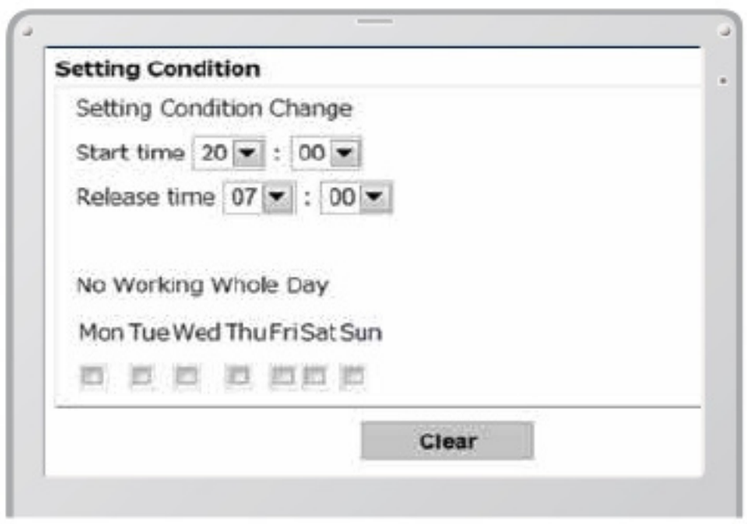
## Daily/Monthly Reports

Operational data downloaded onto a computer helps in formulating daily and monthly reports.

# Security System

## Engine Start Alarm

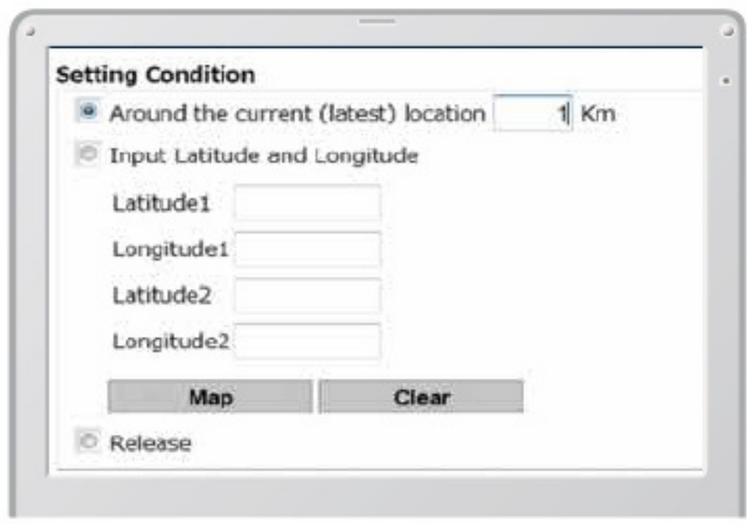
The system can be set an alarm if the machine is operated outside designated time.




Engine start alarm outside prescribed work time

## Area Alarm

It can be set an alarm if the machine is moved out of its designated area to another location.




Alarm for outside of reset area

# Specifications

## Engine

| Model | | YANMAR 4TN107FTT |
|---|---|---|
| Type | | Direct injection, water-cooled, 4-cycle diesel engine with turbocharger, intercooler, EU Stage V compliant |
| No. of cylinders | | 4 |
| Bore and stroke | | 107 mm × 127 mm |
| Displacement | | 4.567 L |
| Rated power output | | 122 kW /2,000 $min^{-1}$ (ISO 9249 : with fan) |
| | | 127 kW /2,000 $min^{-1}$ (ISO 14396 : without fan) |
| Max. torque | | 791 N·m /1,500 $min^{-1}$ (ISO 9249 : with fan) |
| | | 805 N·m/1,500 $min^{-1}$ (ISO 14396 : without fan) |

## Hydraulic system

| Pump | | |
|---|---|---|
| Type | | Axial piston pumps + extra gear pump + pilot gear pump |
| Max. discharge flow | | 2 × 220 L/min, 1 × 40.6 L/min , 1 × 20 L/min |
| **Relief valve setting** | | |
| Boom, arm and bucket | | 34.3 MPa {350 kgf/$cm^2$} |
| Power Boost | | 37.8 MPa {385 kgf/$cm^2$} |
| Travel circuit | | 34.3 MPa {350 kgf/$cm^2$} |
| Swing circuit | SK230SRLC | 29.0 MPa {296 kgf/$cm^2$} |
| | SK270SR(N)LC | 28.4 MPa {290 kgf/$cm^2$} |
| Control circuit | | 5.0 MPa {50 kgf/$cm^2$} |
| Pilot control pump | | Gear type |
| Main control valve | | 8-spool |
| Oil cooler | | Air cooled type |

## Swing system

| Model | SK230SRLC | SK270SR(N)LC |
|---|---|---|
| Swing motor | One fixed displacement 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 $min^{-1}$ | 10.2 $min^{-1}$ |
| Swing torque | 73.0 kN·m | 87.7 kN·m |

## Boom, arm & bucket

bore × stroke

| Model | SK230SRLC | SK270SR(N)LC |
|---|---|---|
| Boom cylinders | 120 mm × 1,355 mm | 125 mm × 1,320 mm |
| Arm cylinder | 130 mm × 1,406 mm | 135 mm × 1,558 mm |
| Bucket cylinder | 110 mm × 1,064 mm | 120 mm × 1,080 mm |
| Jib cylinder | 150 mm × 992 mm | 150 mm × 1,193 mm |

## Travel system

| Model | SK230SRLC | SK270SR(N)LC |
|---|---|---|
| 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 | 5.8 / 3.5 km/h | 5.2 / 3.2 km/h |
| Drawbar pulling force | 227 kN (SAE) | 244 kN (SAE) |
| Gradeabillty | 70% {35°} | |

## Cab & control

| Cab |
|---|
| All-weather, sound-suppressed steel cab mounted on the high suspension mounts filled with silicone oil and equipped with a heavy, insulated floor mat. |

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

| Noise levels | |
|---|---|
| External | 99 dB(A) (2000/14/EC) |
| Operator | 71 dB(A) (ISO 6396) |
| **Vibration levels** | |
| Hand/arm* | ≤ 2.5 $m/s^2$ |
| Body* | ≤ 0.5 $m/s^2$ |

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

## Refilling capacities & lubrications

| Model | SK230SRLC | SK270SR(N)LC |
|---|---|---|
| Fuel tank | 330 L | |
| Cooling system | 23 L | |
| Engine oil | 20 L | |
| Travel reduction gear | 2 × 4.5 L | |
| Swing reduction gear | 2.7 L | 5.0 L |
| Hydraulic oil tank | 114 L tank oil level | |
| | 230 L hydraulic system | |
| DEF tank | 33.9 L | |

## Dozer blade (Optional)

bore × stroke

| Model | SK230SRLC | SK270SR(N)LC |
|---|---|---|
| Dozer cylinder | 140 mm × 200 mm | |

## Attachments

Backhoe bucket and combination

| Use | | | Backhoe bucket | | | |
|---|---|---|---|---|---|---|
| | | | Normal digging | | | |
| Bucket capacity | ISO Heaped | $m^3$ | 0.51 | 0.7 | 0.8 | 0.93 |
| | Struck | $m^3$ | 0.39 | 0.52 | 0.59 | 0.67 |
| Opening width | With side cutters | mm | 870 | 1,080 | 1,160 | 1,330 |
| | Without side cutters | mm | 770 | 980 | 1,060 | 1,230 |
| No. of bucket teeth | | | 3 | 5 | 5 | 5 |
| Bucket weight | | kg | 520 | 630 | 650 | 710 |
| Combinations | SK230SRLC 2.87 m standard arm | | ○ | ○ | ◎ | △ |
| | SK270SR(N)LC 2.94 m standard arm | | ○ | ○ | ◎ | △ |

◎ Standard ○ Recommended △ Loading only

# SK230SRLC SK270SRLC SK270SRNLC

SK230SRLC-7 SK270SRLC-7 SK270SRNLC-7

## Working ranges

Unit: mm

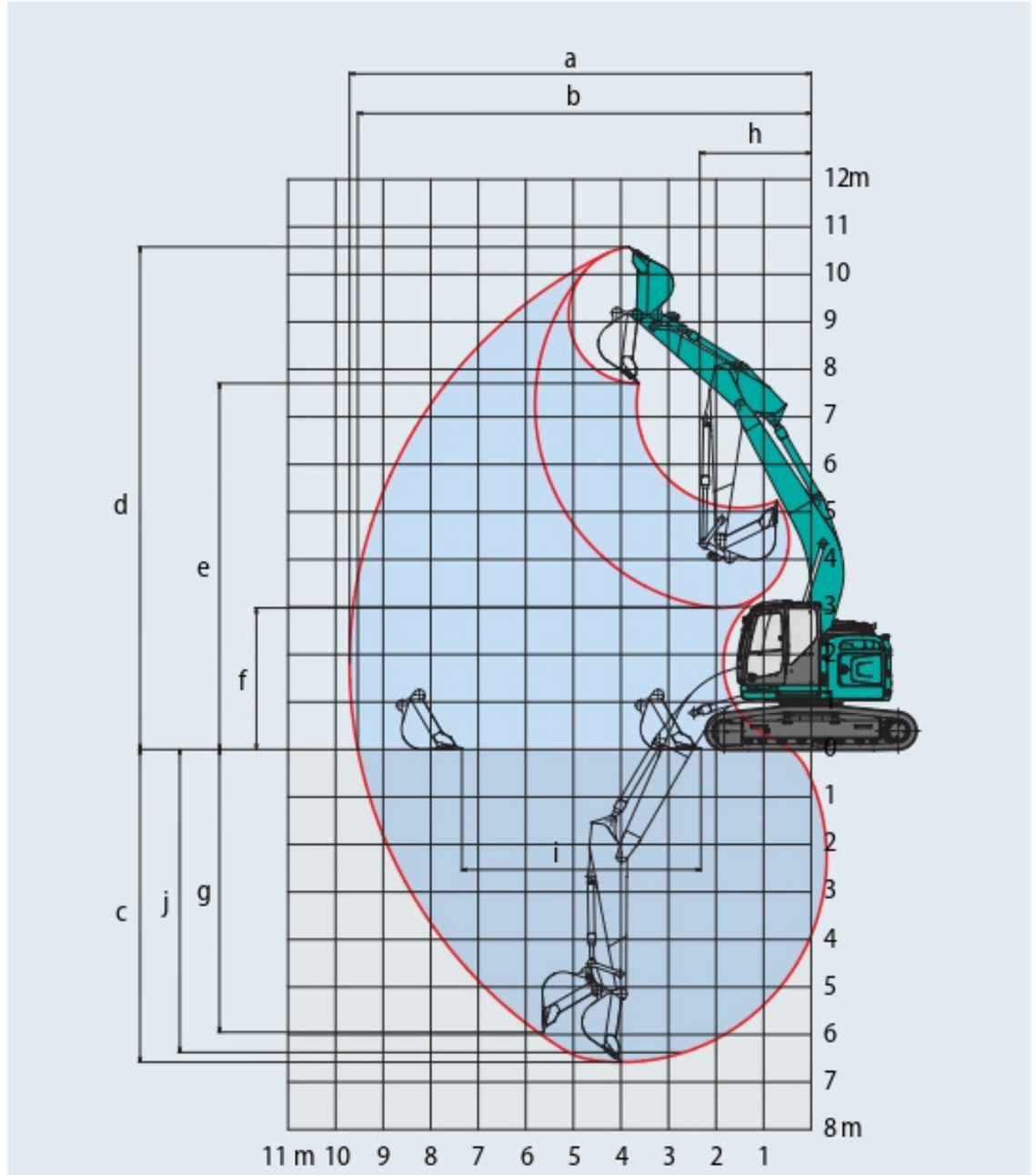
| Model | SK230SRLC | SK270SR(N)LC |
|---|---|---|
| Boom | 5.62 m | 5.65 m |
| Arm / Range | Standard 2.87 m | Standard 2.94 m |
| a- Max. digging reach | 9,700 | 9,850 |
| b- Max. digging reach at ground level | 9,530 | 9,680 |
| c- Max. digging depth | 6,580 | 6,650 |
| d- Max. digging height | 10,580 | 11,210 |
| e- Max. dumping clearance | 7,710 | 8,330 |
| f- Min. dumping clearance | 2,980 | 3,140 |
| g- Max. vertical wall digging depth | 5,950 | 6,060 |
| h- Min. swing radius | 2,370 | 1,960 |
| i- Horizontal digging stroke at ground level | 5,030 | 5,270 |
| j- Digging depth for 2.4 m (8') flat bottom | 6,370 | 6,470 |
| Bucket capacity ISO heaped $m^3$ | 0.80 | 0.80 |

### Digging Force (ISO 6015)

Unit: kN

| Model | SK230SRLC | SK270SR(N)LC |
|---|---|---|
| Arm length | Standard 2.87 m | Standard 2.94 m |
| Bucket digging force | 120<br>132* | 143<br>157* |
| Arm crowding force | 88<br>97* | 102<br>112* |

*Power Boost engaged.

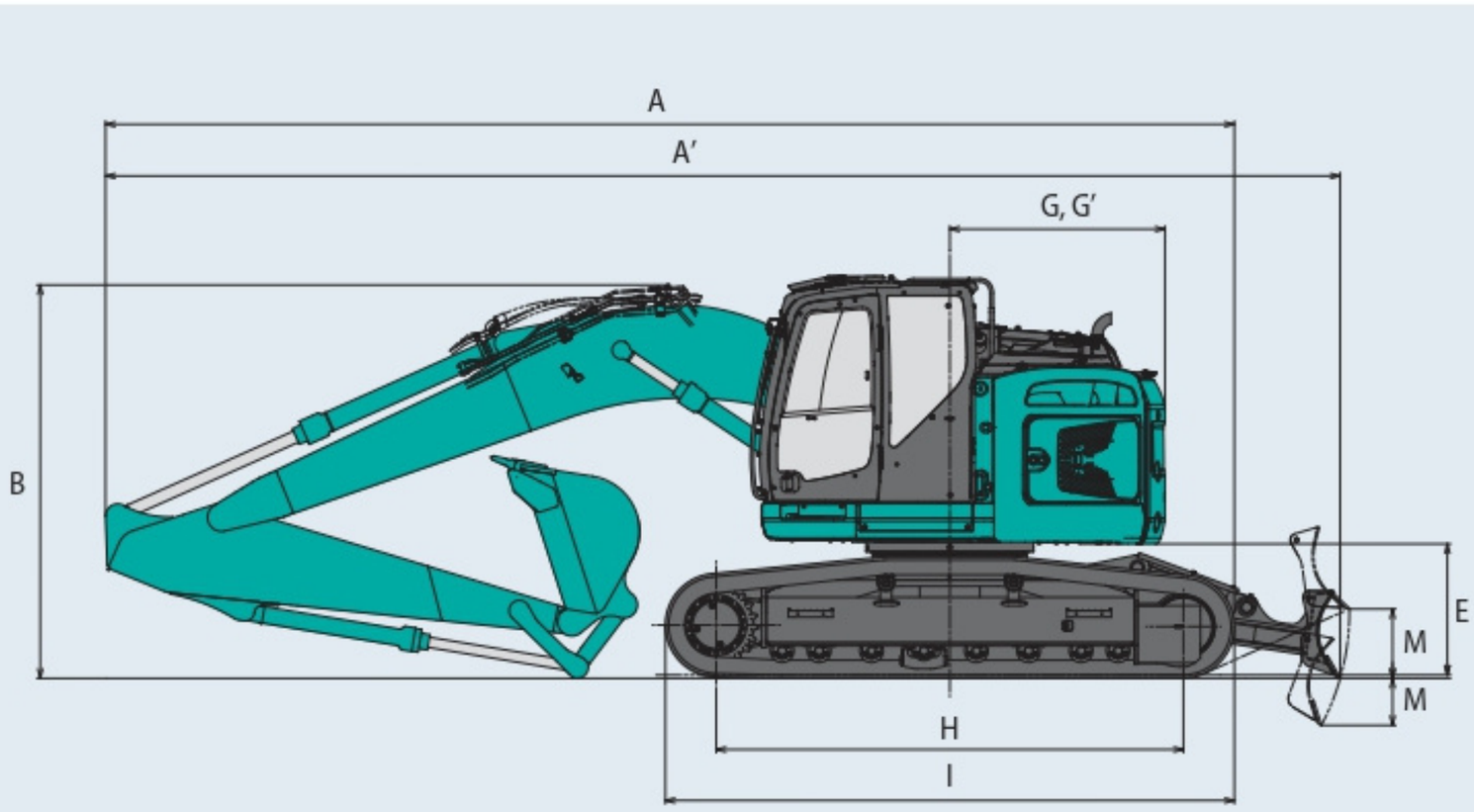


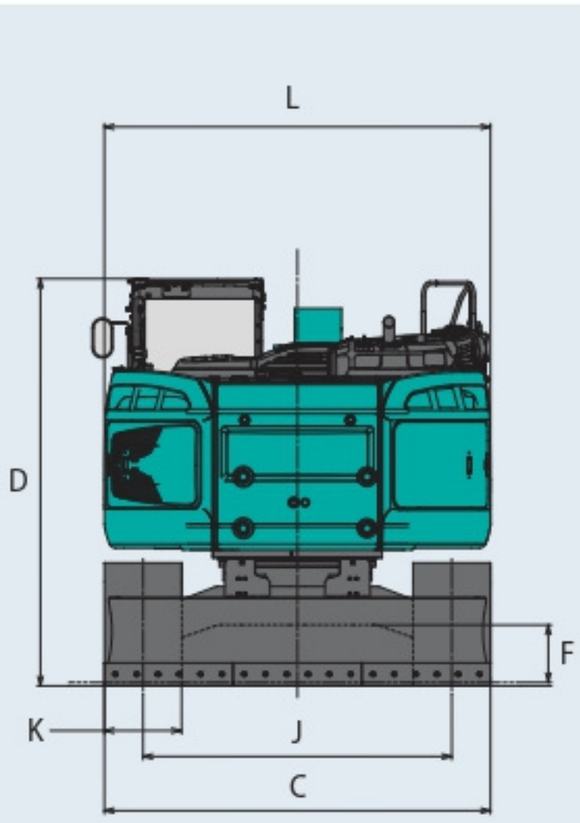

## Dimensions

Unit: mm

| Model | | | SK230SRLC | SK270SR(N)LC |
|---|---|---|---|---|
| Boom | | | 5.62 m | 5.65 m |
| Arm length | | | Standard 2.87 m | Standard 2.94 m |
| A | Overall length | | 8,830 | 8,970 |
| A' | Overall length (with dozer blade) | SRLC | 9,660 | — |
| | | SRNLC | — | 9,830 |
| B | Overall height (to top of boom) | | 3,080 | 3,060 |
| C | Overall width | SRLC | 2,990 | 3,190 |
| | | SRNLC | — | 2,990 |
| D | Overall height (to top of cab) | | 3,160 | 3,180 |
| E | Ground clearance of rear end* | | 1,030 | 1,050 |
| F | Ground clearance* | | 425 | 440 |
| G | Tail swing radius {additional counterweight} | | 1,680 {1,840**} | 1,720 {1,880**} |
| G' | Distance from centre of swing to rear end {additional counterweight} | | 1,680 {1,840**} | 1,720 {1,880**} |
| H | Tumbler distance | | 3,660 | 3,850 |
| I | Overall length of crawler | | 4,450 | 4,640 |
| J | Track gauge | SRLC | 2,390 | 2,590 |
| | | SRNLC | — | 2,390 |
| K | Shoe width | | 600 | 600 |
| L | Overall width of upperstructure | | 2,990 | 2,990 |
| M | Dozer blade (up/down) | | 545/370 | 555/355 |

*Without including height of shoe lug **Standard counterweight + additional counterweight 1,400 kg



# Operating weight & ground pressure

**SK230SRLC**

In standard trim, with standard boom, 2.87 m arm, and 0.8 $m^3$ ISO heaped bucket, without dozer
Standard counterweight

| Shaped | | | Triple grouser shoe | | | |
|---|---|---|---|---|---|---|
| Shoes | | mm | 600 | 700 | 790 | 900 |
| Overall width of crawler | SK230SRLC | mm | 2,990 | 3,090 | 3,180 | 3,290 |
| Ground pressure | SK230SRLC | kPa | 50 | 43 | 39 | 35 |
| Operation weight | SK230SRLC | kg | 24,000 | 24,300 | 24,600 | 24,900 |

In standard trim, with standard boom, 2.87 m arm, and 0.8 $m^3$ ISO heaped bucket, without dozer
Standard counterweight + additional counterweight 1,400 kg

| Shaped | | | Triple grouser shoe | | | |
|---|---|---|---|---|---|---|
| Shoes | | mm | 600 | 700 | 790 | 900 |
| Overall width of crawler | SK230SRLC | mm | 2,990 | 3,090 | 3,180 | 3,290 |
| Ground pressure | SK230SRLC | kPa | 53 | 46 | 41 | 36 |
| Operation weight | SK230SRLC | kg | 25,400 | 25,700 | 26,000 | 26,300 |

In standard trim, with standard boom, 2.87 m arm, and 0.8 $m^3$ ISO heaped bucket, with dozer
Standard counterweight

| Shaped | | | Triple grouser shoe |
|---|---|---|---|
| Shoes | | mm | 600 |
| Overall width of crawler | SK230SRLC | mm | 2,990 |
| Ground pressure | SK230SRLC | kPa | 53 |
| Operation weight | SK230SRLC | kg | 25,600 |

In standard trim, with standard boom, 2.87 m arm, and 0.8 $m^3$ ISO heaped bucket, with dozer
Standard counterweight + additional counterweight 1,400 kg

| Shaped | | | Triple grouser shoe |
|---|---|---|---|
| Shoes | | mm | 600 |
| Overall width of crawler | SK230SRLC | mm | 2,990 |
| Ground pressure | SK230SRLC | kPa | 56 |
| Operation weight | SK230SRLC | kg | 27,000 |

**SK270SR(N)LC**

In standard trim, with standard boom, 2.94 m arm, and 0.8 m³ ISO heaped bucket, without dozer
Standard counterweight

| Shaped | | | Triple grouser shoe | | | |
|---|---|---|---|---|---|---|
| Shoes | | mm | 600 | 700 | 800 | 900 |
| Overall width of crawler | SK270SRLC | mm | 3,190 | 3,290 | 3,390 | 3,490 |
| | SK270SRNLC | mm | 2,990 | 3,090 | 3,190 | — |
| Ground pressure | SK270SRLC | kPa | 51 | 44 | 39 | 35 |
| | SK270SRNLC | kPa | 51 | 44 | 39 | — |
| Operation weight | SK270SRLC | kg | 25,700 | 26,100 | 26,400 | 26,700 |
| | SK270SRNLC | kg | 25,600 | 26,000 | 26,300 | — |

In standard trim, with standard boom, 2.94 m arm, and 0.8 m³ ISO heaped bucket, without dozer
Standard counterweight + additional counterweight 1,400 kg

| Shaped | | | Triple grouser shoe | | | |
|---|---|---|---|---|---|---|
| Shoes | | mm | 600 | 700 | 800 | 900 |
| Overall width of crawler | SK270SRLC | mm | 3,190 | 3,290 | 3,390 | 3,490 |
| | SK270SRNLC | mm | 2,990 | 3,090 | 3,190 | — |
| Ground pressure | SK270SRLC | kPa | 54 | 47 | 41 | 37 |
| | SK270SRNLC | kPa | 54 | 47 | 41 | — |
| Operation weight | SK270SRLC | kg | 27,100 | 27,500 | 27,800 | 28,100 |
| | SK270SRNLC | kg | 27,000 | 27,400 | 27,700 | — |

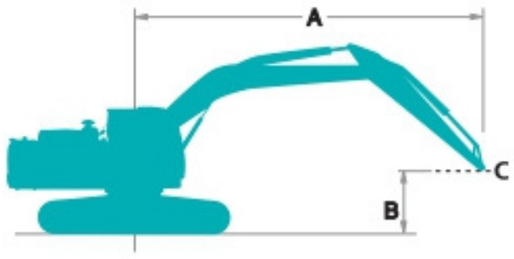
In standard trim, with standard boom, 2.94 m arm, and 0.8 m³ ISO heaped bucket, with dozer
Standard counterweight

| Shaped | | | Triple grouser shoe |
|---|---|---|---|
| Shoes | | mm | 600 |
| Overall width of crawler | SK270SRNLC | mm | 2,990 |
| Ground pressure | SK270SRNLC | kPa | 54 |
| Operation weight | SK270SRNLC | kg | 27,300 |

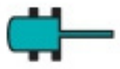
In standard trim, with standard boom, 2.94 m arm, and 0.8 m³ ISO heaped bucket, with dozer
Standard counterweight + additional counterweight 1,400 kg

| Shaped | | | Triple grouser shoe |
|---|---|---|---|
| Shoes | | mm | 600 |
| Overall width of crawler | SK270SRNLC | mm | 2,990 |
| Ground pressure | SK270SRNLC | kPa | 57 |
| Operation weight | SK270SRNLC | kg | 28,700 |

# Lift capacities




Rating over front



Rating over side or 360 degrees

A - Reach from swing centerline to arm top
B - Arm top height above/below ground
C - Lift point
Relief valve setting: 37.8 MPa (385 kgf/cm$^2$)

| SK230SRLC | | Boom: 5.62 m Arm: 2.87 m Bucket: without Counterweight: 5,910 kg Shoe: 600 mm (Heavy Lift) | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| A / B | | 1.5 m | | 3.0 m | | 4.5 m | | 6.0 m | | 7.5 m | | At max. reach | | Radius |
| 9.0 m | kg | | | | | | | | | | | *3,910 | *3,910 | 3.99 m |
| 7.5 m | kg | | | | | *5,300 | *5,300 | | | | | *3,200 | *3,200 | 5.97 m |
| 6.0 m | kg | | | | | *5,780 | *5,780 | *5,320 | 4,970 | | | *2,970 | *2,970 | 7.11 m |
| 4.5 m | kg | | | *9,240 | *9,240 | *7,740 | 7,550 | *6,550 | 4,800 | *4,240 | 3,350 | *2,930 | *2,930 | 7.81 m |
| 3.0 m | kg | | | | | *9,370 | 6,980 | *7,250 | 4,560 | 5,180 | 3,250 | *3,020 | 2,830 | 8.18 m |
| 1.5 m | kg | | | | | *10,710 | 6,470 | 7,080 | 4,310 | 5,050 | 3,130 | *3,240 | 2,720 | 8.25 m |
| G.L. | kg | | | *6,420 | *6,420 | 10,900 | 6,190 | 6,890 | 4,140 | 4,960 | 3,050 | *3,640 | 2,760 | 8.05 m |
| −1.5 m | kg | *6,660 | *6,660 | *10,550 | *10,550 | *10,590 | 6,120 | 6,810 | 4,080 | *4,920 | 3,030 | *4,390 | 3,010 | 7.55 m |
| −3.0 m | kg | *10,920 | *10,920 | *12,190 | 12,070 | *9,120 | 6,190 | *6,760 | 4,120 | | | *5,690 | 3,600 | 6.67 m |
| −4.5 m | kg | | | *8,110 | *8,110 | *6,160 | *6,160 | | | | | *4,940 | *4,940 | 5.23 m |

| SK230SRLC | | Boom: 5.62 m Arm: 2.87 m Bucket: without Counterweight: 5,910 kg + 1,400 kg Shoe: 600 mm (Heavy Lift) | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| A / B | | 1.5 m | | 3.0 m | | 4.5 m | | 6.0 m | | 7.5 m | | At max. reach | | Radius |
| 9.0 m | kg | | | | | | | | | | | *3,910 | *3,910 | 3.99 m |
| 7.5 m | kg | | | | | *5,300 | *5,300 | | | | | *3,200 | *3,200 | 5.97 m |
| 6.0 m | kg | | | | | *5,780 | *5,780 | *5,320 | *5,320 | | | *2,970 | *2,970 | 7.11 m |
| 4.5 m | kg | | | *9,240 | *9,240 | *7,740 | *7,740 | *6,550 | 5,470 | *4,240 | 3,860 | *2,930 | *2,930 | 7.81 m |
| 3.0 m | kg | | | | | *9,370 | 7,960 | *7,250 | 5,220 | *5,830 | 3,760 | *3,020 | *3,020 | 8.18 m |
| 1.5 m | kg | | | | | *10,710 | 7,450 | *7,900 | 4,980 | 5,710 | 3,640 | *3,240 | 3,170 | 8.25 m |
| G.L. | kg | | | *6,420 | *6,420 | *11,120 | 7,170 | 7,780 | 4,810 | 5,620 | 3,560 | *3,640 | 3,230 | 8.05 m |
| −1.5 m | kg | *6,660 | *6,660 | *10,550 | *10,550 | *10,590 | 7,100 | 7,710 | 4,740 | *4,920 | 3,540 | *4,390 | 3,510 | 7.55 m |
| −3.0 m | kg | *10,920 | *10,920 | *12,190 | *12,190 | *9,120 | 7,170 | *6,760 | 4,790 | | | *5,690 | 4,180 | 6.67 m |
| −4.5 m | kg | | | *8,110 | *8,110 | *6,160 | *6,160 | | | | | *4,940 | *4,940 | 5.23 m |

| SK230SRLC | | Boom: 5.62 m Arm: 2.87 m Bucket: without Counterweight: 5,910 kg Shoe: 600 mm Dozer: blade up (Heavy Lift) | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| A / B | | 1.5 m | | 3.0 m | | 4.5 m | | 6.0 m | | 7.5 m | | At max. reach | | Radius |
| 9.0 m | kg | | | | | | | | | | | *3,910 | *3,910 | 3.99 m |
| 7.5 m | kg | | | | | *5,300 | *5,300 | | | | | *3,200 | *3,200 | 5.97 m |
| 6.0 m | kg | | | | | *5,780 | *5,780 | *5,320 | 5,290 | | | *2,970 | *2,970 | 7.11 m |
| 4.5 m | kg | | | *9,240 | *9,240 | *7,740 | *7,740 | *6,550 | 5,120 | *4,240 | 3,590 | *2,930 | *2,930 | 7.81 m |
| 3.0 m | kg | | | | | *9,370 | 7,450 | *7,250 | 4,880 | 5,300 | 3,490 | *3,020 | *3,020 | 8.18 m |
| 1.5 m | kg | | | | | *10,710 | 6,940 | 7,250 | 4,630 | 5,170 | 3,380 | *3,240 | 2,930 | 8.25 m |
| G.L. | kg | | | *6,420 | *6,420 | *11,120 | 6,670 | 7,050 | 4,470 | 5,080 | 3,290 | *3,640 | 2,990 | 8.05 m |
| −1.5 m | kg | *6,660 | *6,660 | *10,550 | *10,550 | *10,590 | 6,590 | 6,980 | 4,400 | *4,920 | 3,280 | *4,390 | 3,250 | 7.55 m |
| −3.0 m | kg | *10,920 | *10,920 | *12,190 | *12,190 | *9,120 | 6,670 | *6,760 | 4,450 | | | *5,690 | 3,880 | 6.67 m |
| −4.5 m | kg | | | *8,110 | *8,110 | *6,160 | *6,160 | | | | | *4,940 | *4,940 | 5.23 m |

# SK230SRLC
SK230SRLC-7

# SK270SRLC
SK270SRLC-7

# SK270SRNLC
SK270SRNLC-7

| SK230SRLC | | Boom: 5.62 m Arm: 2.87 m Bucket: without Counterweight: 5,910 kg + 1,400 kg Shoe: 600 mm Dozer: blade up (Heavy Lift) | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| A / B | | 1.5 m | | 3.0 m | | 4.5 m | | 6.0 m | | 7.5 m | | At max. reach | | Radius |
| 9.0 m | kg | | | | | | | | | | | *3,910 | *3,910 | 3.99 m |
| 7.5 m | kg | | | | | *5,300 | *5,300 | | | | | *3,200 | *3,200 | 5.97 m |
| 6.0 m | kg | | | | | *5,780 | *5,780 | *5,320 | *5,320 | | | *2,970 | *2,970 | 7.11 m |
| 4.5 m | kg | | | *9,240 | *9,240 | *7,740 | *7,740 | *6,550 | 5,790 | *4,240 | 4,100 | *2,930 | *2,930 | 7.81 m |
| 3.0 m | kg | | | | | *9,370 | 8,430 | *7,250 | 5,550 | *5,830 | 4,000 | *3,020 | *3,020 | 8.18 m |
| 1.5 m | kg | | | | | *10,710 | 7,920 | *7,900 | 5,300 | 5,830 | 3,880 | *3,240 | *3,240 | 8.25 m |
| G.L. | kg | | | *6,420 | *6,420 | *11,120 | 7,650 | 7,950 | 5,130 | 5,740 | 3,800 | *3,640 | 3,450 | 8.05 m |
| –1.5 m | kg | *6,660 | *6,660 | *10,550 | *10,550 | *10,590 | 7,570 | 7,870 | 5,070 | *4,920 | 3,780 | *4,390 | 3,750 | 7.55 m |
| –3.0 m | kg | *10,920 | *10,920 | *12,190 | *12,190 | *9,120 | 7,650 | *6,760 | 5,110 | | | *5,690 | 4,470 | 6.67 m |
| –4.5 m | kg | | | *8,110 | *8,110 | *6,160 | *6,160 | | | | | *4,940 | *4,940 | 5.23 m |

| SK270SRLC | | Boom: 5.65 m Arm: 2.94 m Bucket: without Counterweight: 5,910 kg Shoe: 600 mm (Heavy Lift) | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| A / B | | 1.5 m | | 3.0 m | | 4.5 m | | 6.0 m | | 7.5 m | | At max. reach | | Radius |
| 9.0 m | kg | | | | | | | | | | | *5,190 | *5,190 | 4.35 m |
| 7.5 m | kg | | | | | *6,720 | *6,720 | *5,120 | *5,120 | | | *4,270 | *4,270 | 6.20 m |
| 6.0 m | kg | | | | | *7,000 | *7,000 | *6,350 | 5,760 | | | *3,940 | *3,940 | 7.30 m |
| 4.5 m | kg | | | *10,090 | *10,090 | *8,120 | *8,120 | *6,780 | 5,560 | 5,980 | 3,860 | *3,860 | 3,460 | 7.97 m |
| 3.0 m | kg | | | *11,230 | *11,230 | *9,650 | 8,160 | *7,430 | 5,270 | 5,850 | 3,730 | *3,930 | 3,140 | 8.32 m |
| 1.5 m | kg | | | | | *10,810 | 7,560 | *7,980 | 4,980 | 5,690 | 3,590 | *4,160 | 3,030 | 8.40 m |
| G.L. | kg | | | *6,640 | *6,640 | *11,020 | 7,220 | 7,810 | 4,780 | 5,580 | 3,490 | *4,600 | 3,090 | 8.19 m |
| –1.5 m | kg | *6,750 | *6,750 | *11,340 | *11,340 | *10,270 | 7,120 | *7,690 | 4,690 | 5,550 | 3,470 | 5,360 | 3,350 | 7.70 m |
| –3.0 m | kg | *11,820 | *11,820 | *11,260 | *11,260 | *8,600 | 7,200 | *6,380 | 4,740 | | | *5,020 | 4,000 | 6.84 m |
| –4.5 m | kg | | | *7,030 | *7,030 | *5,490 | *5,490 | | | | | *3,990 | *3,990 | 5.45 m |

| SK270SRLC | | Boom: 5.65 m Arm: 2.94 m Bucket: without Counterweight: 5,910 kg + 1,400 kg Shoe: 600 mm (Heavy Lift) | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| A / B | | 1.5 m | | 3.0 m | | 4.5 m | | 6.0 m | | 7.5 m | | At max. reach | | Radius |
| 9.0 m | kg | | | | | | | | | | | *5,190 | *5,190 | 4.35 m |
| 7.5 m | kg | | | | | *6,720 | *6,720 | *5,120 | *5,120 | | | *4,270 | *4,270 | 6.20 m |
| 6.0 m | kg | | | | | *7,000 | *7,000 | *6,350 | *6,350 | | | *3,940 | *3,940 | 7.30 m |
| 4.5 m | kg | | | *10,090 | *10,090 | *8,120 | *8,120 | *6,780 | 6,260 | *6,010 | 4,390 | *3,860 | *3,860 | 7.97 m |
| 3.0 m | kg | | | *11,230 | *11,230 | *9,650 | 9,210 | *7,430 | 5,970 | *6,230 | 4,260 | *3,930 | 3,610 | 8.32 m |
| 1.5 m | kg | | | | | *10,810 | 8,600 | *7,980 | 5,680 | 6,380 | 4,130 | *4,160 | 3,490 | 8.40 m |
| G.L. | kg | | | *6,640 | *6,640 | *11,020 | 8,260 | *8,140 | 5,480 | 6,270 | 4,020 | *4,600 | 3,560 | 8.19 m |
| –1.5 m | kg | *6,750 | *6,750 | *11,340 | *11,340 | *10,270 | 8,170 | *7,690 | 5,400 | *5,720 | 4,000 | *5,400 | 3,870 | 7.70 m |
| –3.0 m | kg | *11,820 | *11,820 | *11,260 | *11,260 | *8,600 | 8,250 | *6,380 | 5,450 | | | *5,020 | 4,590 | 6.84 m |
| –4.5 m | kg | | | *7,030 | *7,030 | *5,490 | *5,490 | | | | | *3,990 | *3,990 | 5.45 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.

# Lift capacities

| SK270SRNLC | | Boom: 5.65 m Arm: 2.94 m Bucket: without Counterweight: 5,910 kg Shoe: 600 mm (Heavy Lift) | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| A / B | | 1.5 m | | 3.0 m | | 4.5 m | | 6.0 m | | 7.5 m | | At max. reach | | Radius |
| 9.0 m | kg | | | | | | | | | | | *5,190 | *5,190 | 4.35 m |
| 7.5 m | kg | | | | | *6,720 | *6,720 | *5,120 | *5,120 | | | *4,270 | *4,270 | 6.20 m |
| 6.0 m | kg | | | | | *7,000 | *7,000 | *6,350 | 5,190 | | | *3,940 | 3,660 | 7.30 m |
| 4.5 m | kg | | | *10,090 | *10,090 | *8,120 | 7,910 | *6,780 | 4,990 | 5,920 | 3,450 | *3,860 | 3,090 | 7.97 m |
| 3.0 m | kg | | | *11,230 | *11,230 | *9,650 | 7,250 | *7,430 | 4,710 | 5,790 | 3,330 | *3,930 | 2,800 | 8.32 m |
| 1.5 m | kg | | | | | *10,810 | 6,670 | 7,960 | 4,430 | 5,640 | 3,200 | *4,160 | 2,690 | 8.40 m |
| G.L. | kg | | | *6,640 | *6,640 | *11,020 | 6,340 | 7,730 | 4,230 | 5,520 | 3,100 | *4,600 | 2,740 | 8.19 m |
| −1.5 m | kg | *6,750 | *6,750 | *11,340 | *11,340 | *10,270 | 6,250 | 7,630 | 4,150 | 5,500 | 3,070 | 5,300 | 2,970 | 7.70 m |
| −3.0 m | kg | *11,820 | *11,820 | *11,260 | *11,260 | *8,600 | 6,320 | *6,380 | 4,190 | | | *5,020 | 3,550 | 6.84 m |
| −4.5 m | kg | | | *7,030 | *7,030 | *5,490 | *5,490 | | | | | *3,990 | *3,990 | 5.45 m |

| SK270SRNLC | | Boom: 5.65 m Arm: 2.94 m Bucket: without Counterweight: 5,910 kg + 1,400 kg Shoe: 600 mm (Heavy Lift) | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| A / B | | 1.5 m | | 3.0 m | | 4.5 m | | 6.0 m | | 7.5 m | | At max. reach | | Radius |
| 9.0 m | kg | | | | | | | | | | | *5,190 | *5,190 | 4.35 m |
| 7.5 m | kg | | | | | *6,720 | *6,720 | *5,120 | *5,120 | | | *4,270 | *4,270 | 6.20 m |
| 6.0 m | kg | | | | | *7,000 | *7,000 | *6,350 | 5,860 | | | *3,940 | *3,940 | 7.30 m |
| 4.5 m | kg | | | *10,090 | *10,090 | *8,120 | *8,120 | *6,780 | 5,660 | *6,010 | 3,960 | *3,860 | 3,560 | 7.97 m |
| 3.0 m | kg | | | *11,230 | *11,230 | *9,650 | 8,230 | *7,430 | 5,380 | *6,230 | 3,840 | *3,930 | 3,250 | 8.32 m |
| 1.5 m | kg | | | | | *10,810 | 7,650 | *7,980 | 5,090 | 6,320 | 3,700 | *4,160 | 3,130 | 8.40 m |
| G.L. | kg | | | *6,640 | *6,640 | *11,020 | 7,320 | *8,140 | 4,900 | 6,210 | 3,600 | *4,600 | 3,190 | 8.19 m |
| −1.5 m | kg | *6,750 | *6,750 | *11,340 | *11,340 | *10,270 | 7,230 | *7,690 | 4,810 | *5,720 | 3,580 | *5,400 | 3,470 | 7.70 m |
| −3.0 m | kg | *11,820 | *11,820 | *11,260 | *11,260 | *8,600 | 7,300 | *6,380 | 4,860 | | | *5,020 | 4,110 | 6.84 m |
| −4.5 m | kg | | | *7,030 | *7,030 | *5,490 | *5,490 | | | | | *3,990 | *3,990 | 5.45 m |

| SK270SRNLC | | Boom: 5.65 m Arm: 2.94 m Bucket: without Counterweight: 5,910 kg Shoe: 600 mm Dozer: blade up (Heavy Lift) | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| A / B | | 1.5 m | | 3.0 m | | 4.5 m | | 6.0 m | | 7.5 m | | At max. reach | | Radius |
| 9.0 m | kg | | | | | | | | | | | *5,190 | *5,190 | 4.35 m |
| 7.5 m | kg | | | | | *6,720 | *6,720 | *5,120 | *5,120 | | | *4,270 | *4,270 | 6.20 m |
| 6.0 m | kg | | | | | *7,000 | *7,000 | *6,350 | 5,560 | | | *3,940 | *3,940 | 7.30 m |
| 4.5 m | kg | | | *10,090 | *10,090 | *8,120 | *8,120 | *6,780 | 5,360 | *6,010 | 3,730 | *3,860 | 3,350 | 7.97 m |
| 3.0 m | kg | | | *11,230 | *11,230 | *9,650 | 7,790 | *7,430 | 5,080 | 5,950 | 3,610 | *3,930 | 3,050 | 8.32 m |
| 1.5 m | kg | | | | | *10,810 | 7,210 | *7,980 | 4,790 | 5,800 | 3,480 | *4,160 | 2,930 | 8.40 m |
| G.L. | kg | | | *6,640 | *6,640 | *11,020 | 6,880 | 7,950 | 4,600 | 5,690 | 3,380 | *4,600 | 2,990 | 8.19 m |
| −1.5 m | kg | *6,750 | *6,750 | *11,340 | *11,340 | *10,270 | 6,790 | *7,690 | 4,510 | 5,660 | 3,350 | *5,400 | 3,240 | 7.70 m |
| −3.0 m | kg | *11,820 | *11,820 | *11,260 | *11,260 | *8,600 | 6,860 | *6,380 | 4,560 | | | *5,020 | 3,860 | 6.84 m |
| −4.5 m | kg | | | *7,030 | *7,030 | *5,490 | *5,490 | | | | | *3,990 | *3,990 | 5.45 m |

| SK270SRNLC | | Boom: 5.65 m Arm: 2.94 m Bucket: without Counterweight: 5,910 kg + 1,400 kg Dozer: blade up Shoe: 600 mm (Heavy Lift) | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| A / B | | 1.5 m | | 3.0 m | | 4.5 m | | 6.0 m | | 7.5 m | | At max. reach | | Radius |
| 9.0 m | kg | | | | | | | | | | | *5,190 | *5,190 | 4.35 m |
| 7.5 m | kg | | | | | *6,720 | *6,720 | *5,120 | *5,120 | | | *4,270 | *4,270 | 6.20 m |
| 6.0 m | kg | | | | | *7,000 | *7,000 | *6,350 | 6,230 | | | *3,940 | *3,940 | 7.30 m |
| 4.5 m | kg | | | *10,090 | *10,090 | *8,120 | *8,120 | *6,780 | 6,030 | *6,010 | 4,240 | *3,860 | 3,820 | 7.97 m |
| 3.0 m | kg | | | *11,230 | *11,230 | *9,650 | 8,770 | *7,430 | 5,740 | *6,230 | 4,120 | *3,930 | 3,490 | 8.32 m |
| 1.5 m | kg | | | | | *10,810 | 8,180 | *7,980 | 5,460 | *6,410 | 3,980 | *4,160 | 3,380 | 8.40 m |
| G.L. | kg | | | *6,640 | *6,640 | *11,020 | 7,860 | *8,140 | 5,260 | *6,340 | 3,880 | *4,600 | 3,440 | 8.19 m |
| −1.5 m | kg | *6,750 | *6,750 | *11,340 | *11,340 | *10,270 | 7,770 | *7,690 | 5,180 | *5,720 | 3,860 | *5,400 | 3,740 | 7.70 m |
| −3.0 m | kg | *11,820 | *11,820 | *11,260 | *11,260 | *8,600 | 7,840 | *6,380 | 5,230 | | | *5,020 | 4,430 | 6.84 m |
| −4.5 m | kg | | | *7,030 | *7,030 | *5,490 | *5,490 | | | | | *3,990 | *3,990 | 5.45 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.

SK230SRLC SK270SRLC SK270SRNLC

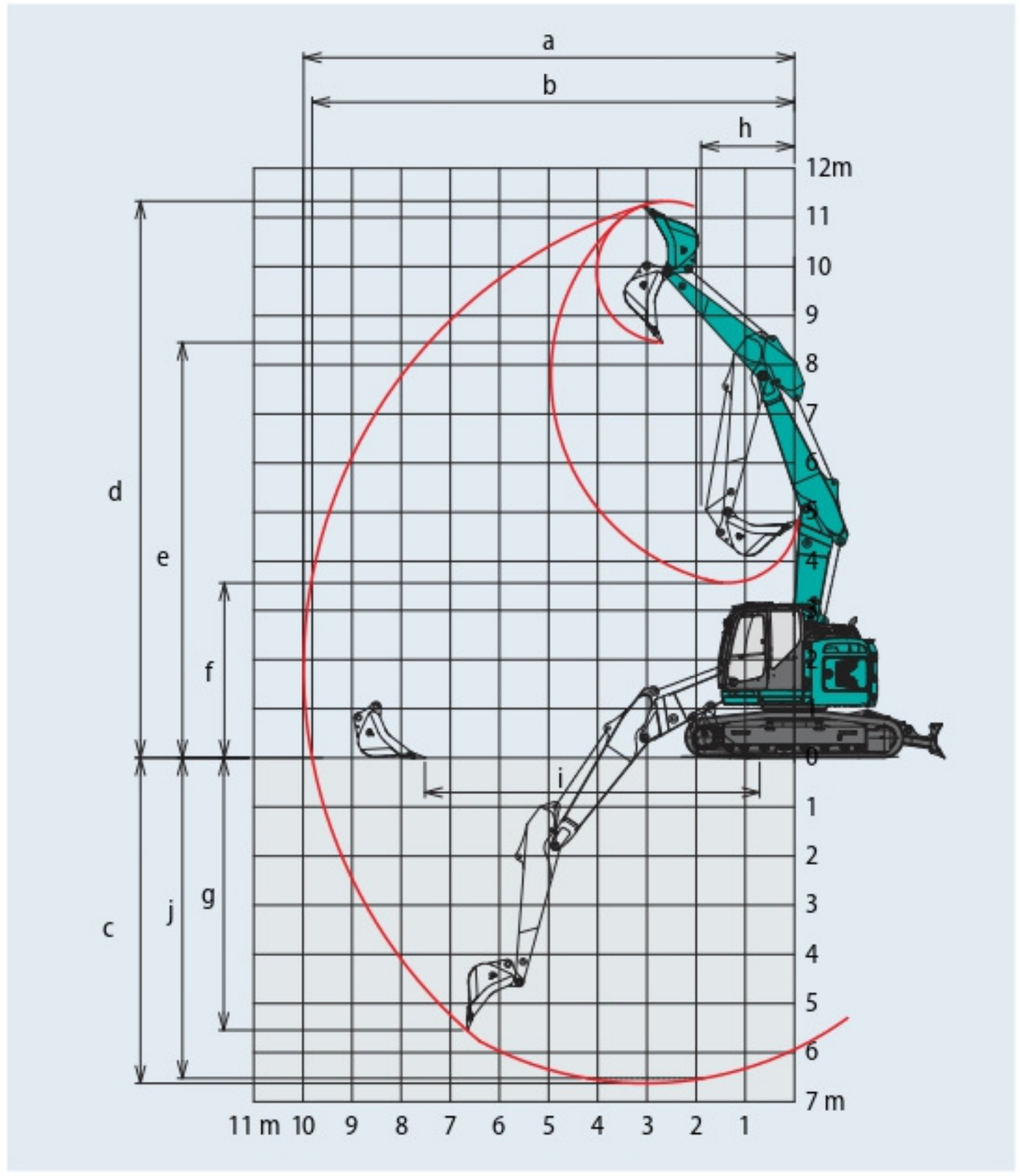
SK230SRLC-7 SK270SRLC-7 SK270SRNLC-7

# 2 Piece Boom Specifications

## Working ranges

Unit: mm

| Model | | SK230SRLC | SK270SR(N)LC |
|---|---|---|---|
| Boom | | 2 Piece Boom | |
| Range \ Arm | | Standard 2.87 m | Standard 2.94 m |
| a- Max. digging reach | | 9,980 | 10,360 |
| b- Max. digging reach at ground level | | 9,810 | 10,200 |
| c- Max. digging depth | | 6,625 | 6,990 |
| d- Max. digging height | | 11,330 | 11,950 |
| e- Max. dumping clearance | | 8,450 | 9,070 |
| f- Min. dumping clearance | | 3,555 | 1,450 |
| g- Max. vertical wall digging depth | | 5,545 | 5,930 |
| h- Min. swing radius | | 1,900 | 1,490 |
| i- Horizontal digging stroke at ground level | | 6,809 | 7,160 |
| j- Digging depth for 2.4 m (8') flat bottom | | 6,523 | 6,890 |
| Bucket capacity ISO heaped $m^3$ | | 0.80 | 0.80 |

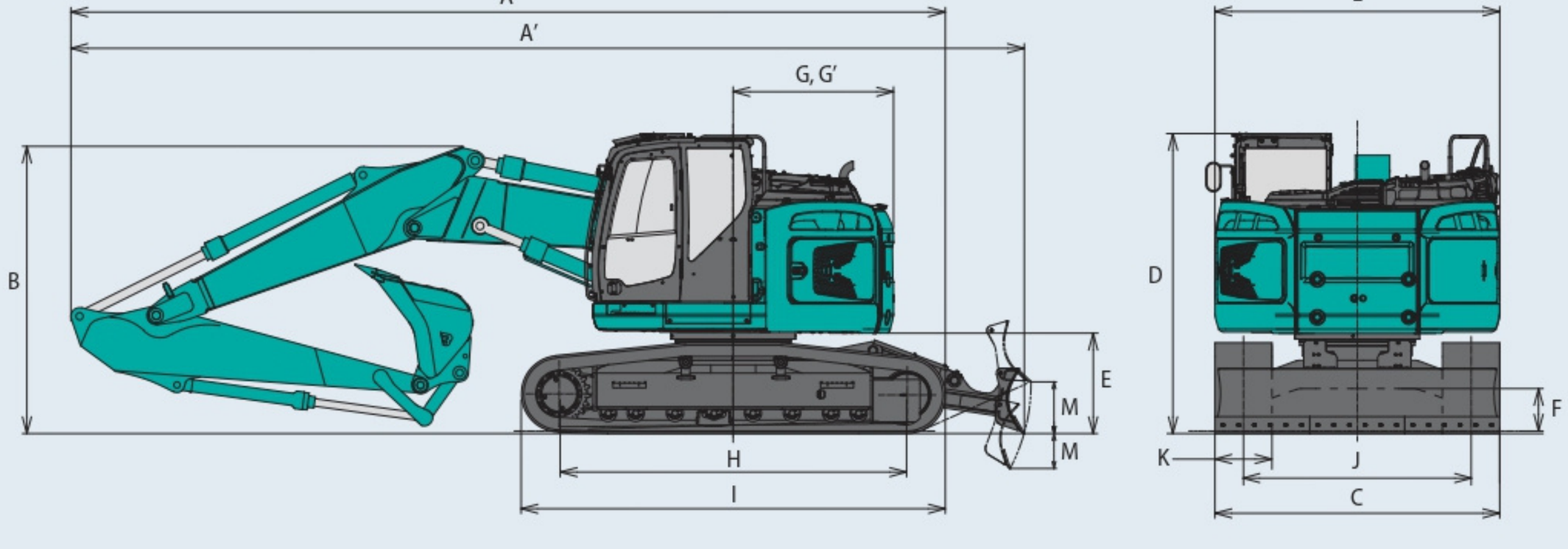



## Dimensions

Unit: mm

| Model | | | SK230SRLC | SK270SR(N)LC |
|---|---|---|---|---|
| Boom | | | 2 Piece Boom | |
| Arm length | | | Standard 2.87 m | Standard 2.94 m |
| A | Overall length | | 9,200 | 9,510 |
| A' | Overall length (with dozer blade) | SRLC | 10,030 | — |
| | | SRNLC | — | 10,370 |
| B | Overall height (to top of boom) | | 3,160 | 3,020 |
| C | Overall width | SRLC | 2,990 | 3,190 |
| | | SRNLC | — | 2,990 |
| D | Overall height (to top of cab) | | 3,160 | 3,180 |
| E | Ground clearance of rear end* | | 1,030 | 1,050 |
| F | Ground clearance* | | 425 | 440 |
| G | Tail swing radius {additional counterweight} | | 1,680 {1,840**} | 1,720 {1,880**} |
| G' | Distance from centre of swing to rear end {additional counterweight} | | 1,680 {1,840**} | 1,720 {1,880**} |
| H | Tumbler distance | | 3,660 | 3,850 |
| I | Overall length of crawler | | 4,450 | 4,640 |
| J | Track gauge | SRLC | 2,390 | 2,590 |
| | | SRNLC | — | 2,390 |
| K | Shoe width | | 600 | 600 |
| L | Overall width of upperstructure | | 2,990 | 2,990 |
| M | Dozer blade (up/down) | | 545/370 | 555/355 |

*Without including height of shoe lug **Standard counterweight + additional counterweight 1,400 kg



# Operating weight & ground pressure

**SK230SRLC**

In standard trim, with 2 Piece boom, 2.87 m arm, and 0.8 $m^3$ ISO heaped bucket, without dozer
Standard counterweight

| Shaped | | | Triple grouser shoe | | | |
|---|---|---|---|---|---|---|
| Shoes | | mm | 600 | 700 | 790 | 900 |
| Overall width of crawler | SK230SRLC | mm | 2,990 | 3,090 | 3,180 | 3,290 |
| Ground pressure | SK230SRLC | kPa | 52 | 45 | 41 | 36 |
| Operation weight | SK230SRLC | kg | 25,200 | 25,500 | 25,800 | 26,100 |

In standard trim, with 2 Piece boom, 2.87 m arm, and 0.8 $m^3$ ISO heaped bucket, without dozer
Standard counterweight + additional counterweight 1,400 kg

| Shaped | | | Triple grouser shoe | | | |
|---|---|---|---|---|---|---|
| Shoes | | mm | 600 | 700 | 790 | 900 |
| Overall width of crawler | SK230SRLC | mm | 2,990 | 3,090 | 3,180 | 3,290 |
| Ground pressure | SK230SRLC | kPa | 55 | 48 | 43 | 38 |
| Operation weight | SK230SRLC | kg | 26,600 | 26,900 | 27,200 | 27,500 |

In standard trim, with 2 Piece boom, 2.87 m arm, and 0.8 $m^3$ ISO heaped bucket, with dozer
Standard counterweight

| Shaped | | | Triple grouser shoe |
|---|---|---|---|
| Shoes | | mm | 600 |
| Overall width of crawler | SK230SRLC | mm | 2,990 |
| Ground pressure | SK230SRLC | kPa | 54 |
| Operation weight | SK230SRLC | kg | 26,000 |

In standard trim, with 2 Piece boom, 2.87 m arm, and 0.8 $m^3$ ISO heaped bucket, with dozer
Standard counterweight + additional counterweight 1,400 kg

| Shaped | | | Triple grouser shoe |
|---|---|---|---|
| Shoes | | mm | 600 |
| Overall width of crawler | SK230SRLC | mm | 2,990 |
| Ground pressure | SK230SRLC | kPa | 57 |
| Operation weight | SK230SRLC | kg | 27,400 |

**SK270SR(N)LC**

In standard trim, with 2 Piece boom, 2.94 m arm, and 0.8 $m^3$ ISO heaped bucket, without dozer
Standard counterweight

| Shaped | | | Triple grouser shoe | | | |
|---|---|---|---|---|---|---|
| Shoes | | mm | 600 | 700 | 800 | 900 |
| Overall width of crawler | SK270SRLC | mm | 3,190 | 3,290 | 3,390 | 3,490 |
| | SK270SRNLC | mm | 2,990 | 3,090 | 3,190 | — |
| Ground pressure | SK270SRLC | kPa | 53 | 46 | 41 | 37 |
| | SK270SRNLC | kPa | 53 | 46 | 41 | — |
| Operation weight | SK270SRLC | kg | 26,800 | 27,100 | 27,400 | 27,800 |
| | SK270SRNLC | kg | 26,700 | 27,000 | 27,300 | — |

In standard trim, with 2 Piece boom, 2.94 m arm, and 0.8 $m^3$ ISO heaped bucket, without dozer
Standard counterweight + additional counterweight 1,400 kg

| Shaped | | | Triple grouser shoe | | | |
|---|---|---|---|---|---|---|
| Shoes | | mm | 600 | 700 | 800 | 900 |
| Overall width of crawler | SK270SRLC | mm | 3,190 | 3,290 | 3,390 | 3,490 |
| | SK270SRNLC | mm | 2,990 | 3,090 | 3,190 | — |
| Ground pressure | SK270SRLC | kPa | 56 | 48 | 43 | 39 |
| | SK270SRNLC | kPa | 56 | 48 | 43 | — |
| Operation weight | SK270SRLC | kg | 28,200 | 28,500 | 28,800 | 29,200 |
| | SK270SRNLC | kg | 28,100 | 28,400 | 28,700 | — |

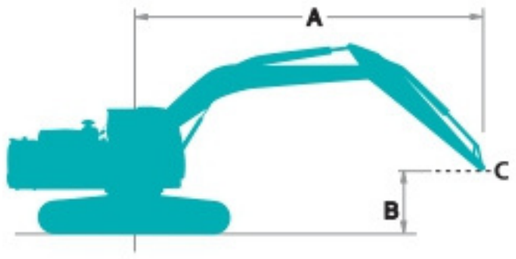
In standard trim, with 2 Piece boom, 2.94 m arm, and 0.8 $m^3$ ISO heaped bucket, with dozer
Standard counterweight

| Shaped | | | Triple grouser shoe |
|---|---|---|---|
| Shoes | | mm | 600 |
| Overall width of crawler | SK270SRNLC | mm | 2,990 |
| Ground pressure | SK270SRNLC | kPa | 56 |
| Operation weight | SK270SRNLC | kg | 28,400 |

In standard trim, with 2 Piece boom, 2.94 m arm, and 0.8 $m^3$ ISO heaped bucket, with dozer
Standard counterweight + additional counterweight 1,400 kg

| Shaped | | | Triple grouser shoe |
|---|---|---|---|
| Shoes | | mm | 600 |
| Overall width of crawler | SK270SRNLC | mm | 2,990 |
| Ground pressure | SK270SRNLC | kPa | 59 |
| Operation weight | SK270SRNLC | kg | 29,800 |

# Lift capacities




Rating over front

Rating over side or 360 degrees

A - Reach from swing centerline to arm top
B - Arm top height above/below ground
C - Lift point
Relief valve setting: 37.8 MPa (385 kgf/cm$^2$)

| SK230SRLC | | 2 Piece Boom Arm: 2.87 m Bucket: without Counterweight: 5,910 kg Shoe: 600 mm (Heavy Lift) | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| A / B | | 1.5 m | | 3.0 m | | 4.5 m | | 6.0 m | | 7.5 m | | At max. reach | | |
| | | | | | | | | | | | | | | Radius |
| 9.0 m | kg | | | | | *3,700 | *3,700 | | | | | *3,700 | *3,700 | 4.50 m |
| 7.5 m | kg | | | | | *5,300 | *5,300 | *4,000 | *4,000 | | | *3,200 | *3,200 | 6.36 m |
| 6.0 m | kg | | | | | *6,100 | *6,100 | *5,100 | *5,100 | | | *3,000 | *3,000 | 7.44 m |
| 4.5 m | kg | | | *10,800 | *10,800 | *7,100 | *7,100 | *5,400 | 5,100 | *4,600 | 3,200 | *3,100 | *3,100 | 8.11 m |
| 3.0 m | kg | *15,900 | *15,900 | *15,400 | 14,900 | *9,300 | 7,800 | *6,100 | 4,800 | *4,800 | 3,100 | *3,400 | 2,500 | 8.46 m |
| 1.5 m | kg | | | *16,000 | 13,400 | *10,400 | 7,000 | *7,200 | 4,500 | 5,000 | 2,900 | *3,500 | 2,300 | 8.54 m |
| G.L. | kg | *11,300 | *11,300 | *16,100 | 11,900 | *10,400 | 6,300 | 7,100 | 4,100 | 4,700 | 2,700 | *4,000 | 2,200 | 8.34 m |
| –1.5 m | kg | *14,300 | *14,300 | *16,300 | 11,200 | *10,600 | 5,900 | 6,700 | 3,700 | 4,600 | 2,500 | *4,700 | 2,500 | 7.86 m |
| –3.0 m | kg | *16,200 | *16,200 | *15,300 | 11,100 | *9,800 | 5,600 | *6,300 | 3,600 | | | *4,100 | 2,900 | 7.02 m |
| –4.5 m | kg | *17,200 | *17,200 | *9,900 | *9,900 | *5,600 | 5,600 | | | | | *2,900 | *2,900 | 5.67 m |

| SK230SRLC | | 2 Piece Boom Arm: 2.87 m Bucket: without Counterweight: 5,910 kg + 1,400 kg Shoe: 600 mm (Heavy Lift) | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| A / B | | 1.5 m | | 3.0 m | | 4.5 m | | 6.0 m | | 7.5 m | | At max. reach | | |
| | | | | | | | | | | | | | | Radius |
| 9.0 m | kg | | | | | *3,700 | *3,700 | | | | | *3,700 | *3,700 | 4.50 m |
| 7.5 m | kg | | | | | *5,300 | *5,300 | *4,000 | *4,000 | | | *3,200 | *3,200 | 6.36 m |
| 6.0 m | kg | | | | | *6,100 | *6,100 | *5,100 | *5,100 | | | *3,000 | *3,000 | 7.44 m |
| 4.5 m | kg | | | *10,800 | *10,800 | *7,100 | *7,100 | *5,400 | *5,400 | *4,600 | 3,700 | *3,100 | *3,100 | 8.11 m |
| 3.0 m | kg | *15,900 | *15,900 | *15,400 | *15,400 | *9,300 | 8,700 | *6,100 | 5,500 | *4,800 | 3,600 | *3,200 | 2,900 | 8.46 m |
| 1.5 m | kg | | | *16,000 | 15,200 | *10,400 | 8,000 | *7,200 | 5,100 | *5,300 | 3,400 | *3,500 | 2,700 | 8.54 m |
| G.L. | kg | *11,300 | *11,300 | *16,100 | 13,700 | *10,400 | 7,300 | *7,600 | 4,700 | 5,400 | 3,200 | *4,000 | 2,700 | 8.34 m |
| –1.5 m | kg | *14,300 | *14,300 | *16,300 | 13,000 | *10,600 | 6,900 | 7,600 | 4,400 | 5,300 | 3,000 | *4,700 | 2,900 | 7.86 m |
| –3.0 m | kg | *16,200 | *16,200 | *15,300 | 12,900 | *9,800 | 6,600 | *6,300 | 4,200 | | | *4,100 | 3,500 | 7.02 m |
| –4.5 m | kg | *17,200 | *17,200 | *9,900 | *9,900 | *5,600 | *5,600 | | | | | *2,900 | *2,900 | 5.67 m |

| SK230SRLC | | 2 Piece Boom Arm: 2.87 m Bucket: without Counterweight: 5,910 kg Shoe: 600 mm Dozer: blade up (Heavy Lift) | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| A / B | | 1.5 m | | 3.0 m | | 4.5 m | | 6.0 m | | 7.5 m | | At max. reach | | |
| | | | | | | | | | | | | | | Radius |
| 9.0 m | kg | | | | | *3,700 | *3,700 | | | | | *3,700 | *3,700 | 4.50 m |
| 7.5 m | kg | | | | | *5,300 | *5,300 | *4,000 | *4,000 | | | *3,200 | *3,200 | 6.36 m |
| 6.0 m | kg | | | | | *6,100 | *6,100 | *5,100 | *5,100 | | | *3,000 | *3,000 | 7.44 m |
| 4.5 m | kg | | | *10,800 | *10,800 | *7,100 | *7,100 | *5,400 | *5,400 | *4,600 | 3,500 | *3,100 | *3,100 | 8.11 m |
| 3.0 m | kg | *15,900 | *15,900 | *15,400 | *15,400 | *9,300 | 8,300 | *6,100 | 5,200 | *4,800 | 3,300 | *3,200 | 2,700 | 8.46 m |
| 1.5 m | kg | | | *16,000 | 15,200 | *10,400 | 7,600 | *7,200 | 4,800 | *5,300 | 3,200 | *3,500 | 2,500 | 8.54 m |
| G.L. | kg | *11,300 | *11,300 | *16,100 | 13,700 | *10,400 | 6,900 | *7,600 | 4,500 | 5,200 | 3,000 | *4,000 | 2,500 | 8.34 m |
| –1.5 m | kg | *14,300 | *14,300 | *16,300 | 13,000 | *10,600 | 6,400 | 7,300 | 4,100 | 5,100 | 2,800 | *4,700 | 2,700 | 7.86 m |
| –3.0 m | kg | *16,200 | *16,200 | *15,300 | 12,900 | *9,800 | 6,200 | *6,300 | 3,900 | | | *4,100 | 3,100 | 7.02 m |
| –4.5 m | kg | *17,200 | *17,200 | *9,900 | *9,900 | *5,600 | *5,600 | | | | | *2,900 | *2,900 | 5.67 m |

# SK230SRLC
SK230SRLC-7

# SK270SRLC
SK270SRLC-7

# SK270SRNLC
SK270SRNLC-7

| SK230SRLC | | 2 Piece Boom Arm: 2.87 m Bucket: without Counterweight: 5,910 kg + 1,400 kg Shoe: 600 mm Dozer: blade up (Heavy Lift) | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| A / B | | 1.5 m | | 3.0 m | | 4.5 m | | 6.0 m | | 7.5 m | | At max. reach | | Radius |
| 9.0 m | kg | | | | | *3,700 | *3,700 | | | | | *3,700 | *3,700 | 4.50 m |
| 7.5 m | kg | | | | | *5,300 | *5,300 | *4,000 | *4,000 | | | *3,200 | *3,200 | 6.36 m |
| 6.0 m | kg | | | | | *6,100 | *6,100 | *5,100 | *5,100 | | | *3,000 | *3,000 | 7.44 m |
| 4.5 m | kg | | | *10,800 | *10,800 | *7,100 | *7,100 | *5,400 | *5,400 | *4,600 | 4,000 | *3,100 | *3,100 | 8.11 m |
| 3.0 m | kg | *15,900 | *15,900 | *15,400 | *15,400 | *9,300 | 9,300 | *6,100 | 5,900 | *4,800 | 3,900 | *3,200 | 3,100 | 8.46 m |
| 1.5 m | kg | | | *16,000 | *16,000 | *10,400 | 8,600 | *7,200 | 5,500 | *5,300 | 3,700 | *3,500 | 2,900 | 8.54 m |
| G.L. | kg | *11,300 | *11,300 | *16,100 | 14,700 | *10,400 | 7,900 | *7,600 | 5,100 | *5,800 | 3,500 | *4,000 | 2,900 | 8.34 m |
| –1.5 m | kg | *14,300 | *14,300 | *16,300 | 14,100 | *10,600 | 7,400 | *7,700 | 4,800 | *5,300 | 3,300 | *4,700 | 3,100 | 7.86 m |
| –3.0 m | kg | *16,200 | *16,200 | *15,300 | 14,000 | *9,800 | 7,200 | *6,300 | 4,600 | | | *4,100 | 3,700 | 7.02 m |
| –4.5 m | kg | *17,200 | *17,200 | *9,900 | *9,900 | *5,600 | *5,600 | | | | | *2,900 | *2,900 | 5.67 m |

| SK270SRLC | | 2 Piece Boom Arm: 2.94 m Bucket: without Counterweight: 5,910 kg Shoe: 600 mm (Heavy Lift) | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| A / B | | 1.5 m | | 3.0 m | | 4.5 m | | 6.0 m | | 7.5 m | | At max. reach | | Radius |
| 10.5 m | kg | | | | | | | | | | | *7,200 | *7,200 | 1.91 m |
| 9.0 m | kg | | | *7,090 | *7,090 | *7,240 | *7,240 | | | | | *4,630 | *4,630 | 5.28 m |
| 7.5 m | kg | | | | | *6,810 | *6,810 | *6,220 | *6,030 | | | *4,070 | *4,070 | 6.88 m |
| 6.0 m | kg | | | *6,870 | *6,870 | *7,550 | *7,550 | *6,720 | 5,790 | *5,450 | 3,960 | *3,870 | 3,510 | 7.88 m |
| 4.5 m | kg | *23,120 | *23,120 | *13,430 | *13,430 | *9,110 | 8,700 | *7,120 | 5,460 | *5,940 | 3,950 | *3,850 | 2,970 | 8.51 m |
| 3.0 m | kg | | | *15,830 | 14,950 | *10,170 | 7,720 | *7,550 | 5,030 | 5,730 | 3,820 | *3,970 | 2,680 | 8.84 m |
| 1.5 m | kg | | | *15,860 | 13,510 | *10,510 | 6,930 | *7,740 | 4,640 | 5,800 | 3,630 | 4,200 | 2,550 | 8.91 m |
| G.L. | kg | | | *11,500 | *11,500 | *9,850 | 6,560 | 7,450 | 4,370 | 5,560 | 3,410 | 4,260 | 2,560 | 8.72 m |
| –1.5 m | kg | | | *8,740 | *8,740 | *8,500 | 6,470 | 7,810 | 4,690 | 5,380 | 3,240 | *4,210 | 2,750 | 8.25 m |
| –3.0 m | kg | | | *7,010 | *7,010 | *10,100 | 7,070 | *6,730 | 4,480 | | | *3,570 | 3,200 | 7.46 m |
| –4.5 m | kg | *19,570 | *19,570 | *10,700 | *10,700 | *6,510 | *6,510 | *2,980 | *2,980 | | | *2,300 | *2,300 | 6.22 m |

| SK270SRLC | | 2 Piece Boom Arm: 2.94 m Bucket: without Counterweight: 5,910 kg + 1,400 kg Shoe: 600 mm (Heavy Lift) | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| A / B | | 1.5 m | | 3.0 m | | 4.5 m | | 6.0 m | | 7.5 m | | At max. reach | | Radius |
| 10.5 m | kg | | | | | | | | | | | *7,200 | *7,200 | 1.91 m |
| 9.0 m | kg | | | *7,090 | *7,090 | *7,240 | *7,240 | | | | | *4,630 | *4,630 | 5.28 m |
| 7.5 m | kg | | | | | *6,810 | *6,810 | *6,220 | *6,220 | | | *4,070 | *4,070 | 6.88 m |
| 6.0 m | kg | | | *6,870 | *6,870 | *7,550 | *7,550 | *6,720 | 6,500 | *5,450 | 4,490 | *3,870 | *3,870 | 7.88 m |
| 4.5 m | kg | *23,120 | *23,120 | *13,430 | *13,430 | *9,110 | *9,110 | *7,120 | 6,170 | *5,940 | 4,480 | *3,850 | 3,430 | 8.51 m |
| 3.0 m | kg | | | *15,830 | *15,830 | *10,170 | 8,760 | *7,550 | 5,740 | *6,070 | 4,360 | *3,970 | 3,110 | 8.84 m |
| 1.5 m | kg | | | *15,860 | 15,520 | *10,510 | 7,980 | *7,740 | 5,340 | *6,080 | 4,160 | *4,240 | 2,980 | 8.91 m |
| G.L. | kg | | | *11,500 | *11,500 | *9,850 | 7,610 | *7,490 | 5,070 | *6,150 | 3,940 | *4,590 | 3,010 | 8.72 m |
| –1.5 m | kg | | | *8,740 | *8,740 | *8,500 | 7,510 | *7,870 | 5,400 | *5,630 | 3,770 | *4,210 | 3,220 | 8.25 m |
| –3.0 m | kg | | | *7,010 | *7,010 | *10,100 | 8,120 | *6,730 | 5,190 | | | *3,570 | *3,570 | 7.46 m |
| –4.5 m | kg | *19,570 | *19,570 | *10,700 | *10,700 | *6,510 | *6,510 | *2,980 | *2,980 | | | *2,300 | *2,300 | 6.22 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.

# Lift capacities

| SK270SRNLC | | 2 Piece Boom Arm: 2.94 m Bucket: without Counterweight: 5,910 kg Shoe: 600 mm (Heavy Lift) | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| A / B | | 1.5 m | | 3.0 m | | 4.5 m | | 6.0 m | | 7.5 m | | At max. reach | | |
| | | | | | | | | | | | | | | Radius |
| 10.5 m | kg | | | | | | | | | | | *7,200 | *7,200 | 1.91 m |
| 9.0 m | kg | | | *7,090 | *7,090 | *7,240 | *7,240 | | | | | *4,630 | *4,630 | 5.28 m |
| 7.5 m | kg | | | | | *6,810 | *6,810 | *6,220 | 5,480 | | | *4,070 | *4,070 | 6.88 m |
| 6.0 m | kg | | | *6,870 | *6,870 | *7,550 | *7,550 | *6,720 | *5,410 | *5,450 | 3,540 | *3,870 | 3,130 | 7.88 m |
| 4.5 m | kg | *23,120 | *23,120 | *13,430 | *13,430 | *9,110 | 7,750 | *7,120 | 4,880 | 5,890 | 3,530 | *3,850 | 2,630 | 8.51 m |
| 3.0 m | kg | | | *15,830 | 12,820 | *10,170 | 6,800 | *7,550 | 4,460 | *5,720 | 3,410 | *3,970 | 2,350 | 8.84 m |
| 1.5 m | kg | | | *15,860 | 11,460 | *10,510 | 6,040 | 7,670 | 4,080 | 5,750 | 3,220 | 4,160 | 2,230 | 8.91 m |
| G.L. | kg | | | *11,500 | 11,160 | *9,850 | 5,680 | 7,370 | 3,810 | 5,510 | 3,000 | 4,220 | 2,240 | 8.72 m |
| –1.5 m | kg | | | *8,740 | *8,740 | *8,500 | 5,590 | 7,730 | 4,130 | 5,320 | 2,840 | *4,210 | 2,390 | 8.25 m |
| –3.0 m | kg | | | *7,010 | *7,010 | *10,100 | 6,170 | *6,730 | 3,920 | | | *3,570 | 2,790 | 7.46 m |
| –4.5 m | kg | *19,570 | *19,570 | *10,700 | *10,700 | *6,510 | 6,100 | *2,980 | *2,980 | | | *2,300 | *2,300 | 6.22 m |

| SK270SRNLC | | 2 Piece Boom Arm: 2.94 m Bucket: without Counterweight: 5,910 kg + 1,400 kg Shoe: 600 mm (Heavy Lift) | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| A / B | | 1.5 m | | 3.0 m | | 4.5 m | | 6.0 m | | 7.5 m | | At max. reach | | |
| | | | | | | | | | | | | | | Radius |
| 10.5 m | kg | | | | | | | | | | | *7,200 | *7,200 | 1.91 m |
| 9.0 m | kg | | | *7,090 | *7,090 | *7,240 | *7,240 | | | | | *4,630 | *4,630 | 5.28 m |
| 7.5 m | kg | | | | | *6,810 | *6,810 | *6,220 | *6,030 | | | *4,070 | *4,070 | 6.88 m |
| 6.0 m | kg | | | *6,870 | *6,870 | *7,550 | *7,550 | *6,720 | 5,780 | *5,450 | 4,050 | *3,870 | 3,610 | 7.88 m |
| 4.5 m | kg | *23,120 | *23,120 | *13,430 | *13,430 | *9,110 | 8,730 | *7,120 | 5,550 | *5,940 | 4,040 | *3,850 | 3,060 | 8.51 m |
| 3.0 m | kg | | | *15,830 | 14,650 | *10,170 | 7,780 | *7,550 | 5,130 | *6,070 | 3,920 | *3,970 | 2,770 | 8.84 m |
| 1.5 m | kg | | | *15,860 | 13,290 | *10,510 | 7,020 | *7,740 | 4,740 | *6,080 | 3,720 | *4,240 | 2,640 | 8.91 m |
| G.L. | kg | | | *11,500 | *11,500 | *9,850 | 6,660 | *7,490 | 4,480 | *6,150 | 3,510 | *4,590 | 2,660 | 8.72 m |
| –1.5 m | kg | | | *8,740 | *8,740 | *8,500 | 6,570 | *7,870 | 4,800 | *5,630 | 3,340 | *4,210 | 2,850 | 8.25 m |
| –3.0 m | kg | | | *7,010 | *7,010 | *10,100 | 7,150 | *6,730 | 4,590 | | | *3,570 | 3,300 | 7.46 m |
| –4.5 m | kg | *19,570 | *19,570 | *10,700 | *10,700 | *6,510 | *6,510 | *2,980 | *2,980 | | | *2,300 | *2,300 | 6.22 m |

# SK230SRLC SK270SRLC SK270SRNLC

SK230SRLC-7 SK270SRLC-7 SK270SRNLC-7

| SK270SRNLC | | 2 Piece Boom Arm: 2.94 m Bucket: without Counterweight: 5,910 kg Shoe: 600 mm Dozer: blade up (Heavy Lift) | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| A / B | | 1.5 m | | 3.0 m | | 4.5 m | | 6.0 m | | 7.5 m | | At max. reach | | |
| | | | | | | | | | | | | | | Radius |
| 10.5 m | kg | | | | | | | | | | | *7,200 | *7,200 | 1.91 m |
| 9.0 m | kg | | | *7,090 | *7,090 | *7,240 | *7,240 | | | | | *4,630 | *4,630 | 5.28 m |
| 7.5 m | kg | | | | | *6,810 | *6,810 | *6,220 | 5,840 | | | *4,070 | *4,070 | 6.88 m |
| 6.0 m | kg | | | *6,870 | *6,870 | *7,550 | *7,550 | *6,720 | 5,570 | *5,450 | 3,820 | *3,870 | 3,390 | 7.88 m |
| 4.5 m | kg | *23,120 | *23,120 | *13,430 | *13,430 | *9,110 | 8,290 | *7,120 | 5,250 | *5,940 | 3,810 | *3,850 | 2,870 | 8.51 m |
| 3.0 m | kg | | | *15,830 | 13,820 | *10,170 | 7,340 | *7,550 | 4,830 | 5,830 | 3,690 | *3,970 | 2,580 | 8.84 m |
| 1.5 m | kg | | | *15,860 | 12,470 | *10,510 | 6,580 | *7,740 | 4,440 | 5,910 | 3,500 | *4,240 | 2,460 | 8.91 m |
| G.L. | kg | | | *11,500 | *11,500 | *9,850 | 6,220 | *7,490 | 4,180 | 5,670 | 3,280 | 4,350 | 2,470 | 8.72 m |
| –1.5 m | kg | | | *8,740 | *8,740 | *8,500 | 6,130 | *7,870 | 4,500 | 5,480 | 3,120 | *4,210 | 2,640 | 8.25 m |
| –3.0 m | kg | | | *7,010 | *7,010 | *10,100 | 6,710 | *6,730 | 4,290 | | | *3,570 | 3,070 | 7.46 m |
| –4.5 m | kg | *19,570 | *19,570 | *10,700 | *10,700 | *6,510 | *6,510 | *2,980 | *2,980 | | | *2,300 | *2,300 | 6.22 m |

| SK270SRNLC | | 2 Piece Boom Arm: 2.94 m Bucket: without Counterweight: 5,910 kg + 1,400 kg Dozer: blade up Shoe: 600 mm (Heavy Lift) | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| A / B | | 1.5 m | | 3.0 m | | 4.5 m | | 6.0 m | | 7.5 m | | At max. reach | | |
| | | | | | | | | | | | | | | Radius |
| 10.5 m | kg | | | | | | | | | | | *7,200 | *7,200 | 1.91 m |
| 9.0 m | kg | | | *7,090 | *7,090 | *7,240 | *7,240 | | | | | *4,630 | *4,630 | 5.28 m |
| 7.5 m | kg | | | | | *6,810 | *6,810 | *6,220 | *6,220 | | | *4,070 | *4,070 | 6.88 m |
| 6.0 m | kg | | | *6,870 | *6,870 | *7,550 | *7,550 | *6,720 | 6,240 | *5,450 | 4,330 | *3,870 | 3,870 | 7.88 m |
| 4.5 m | kg | *23,120 | *23,120 | *13,430 | *13,430 | *9,110 | *9,110 | *7,120 | 5,920 | *5,940 | 4,320 | *3,850 | 3,300 | 8.51 m |
| 3.0 m | kg | | | *15,830 | 15,660 | *10,170 | 8,320 | *7,550 | 5,500 | *6,070 | 4,200 | *3,970 | 3,000 | 8.84 m |
| 1.5 m | kg | | | *15,860 | 14,300 | *10,510 | 7,560 | *7,740 | 5,110 | *6,080 | 4,000 | *4,240 | 2,870 | 8.91 m |
| G.L. | kg | | | *11,500 | *11,500 | *9,850 | 7,200 | *7,490 | 4,850 | *6,150 | 3,790 | *4,590 | 2,890 | 8.72 m |
| –1.5 m | kg | | | *8,740 | *8,740 | *8,500 | 7,110 | *7,870 | 5,170 | *5,630 | 3,620 | *4,210 | 3,100 | 8.25 m |
| –3.0 m | kg | | | *7,010 | *7,010 | *10,100 | 7,690 | *6,730 | 4,960 | | | *3,570 | *3,570 | 7.46 m |
| –4.5 m | kg | *19,570 | *19,570 | *10,700 | *10,700 | *6,510 | *6,510 | *2,980 | *2,980 | | | *2,300 | *2,300 | 6.22 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.

SK230SRLC SK270SRLC SK270SRNLC

SK230SRLC-7 SK270SRLC-7 SK270SRNLC-7

# Standard and Optional Equipment

● = Std ○ = Opt — = N/A

| Category | Description | SK230SRLC-7 | SK270SRLC-7 | SK270SRNLC-7 |
|---|---|---|---|---|
| | | Mono Boom / 2 Piece Boom | | |
| **Engine** | YANMAR 4TN107FTT (EU Stage V compliant) | ● | ● | ● |
| | Exhaust DOC DPF SCR system | ● | ● | ● |
| | Alternator 24 V /80 A | ● | ● | ● |
| | Starter motor 24 V/5 kW | ● | ● | ● |
| | Batteries 2x 12V (105Ah) | ● | ● | ● |
| | Fan suction type cooling system | ● | ● | ● |
| | iNDr system | ● | ● | ● |
| | Auto deceleration function | ● | ● | ● |
| | Auto idle stop | ● | ● | ● |
| **Hydraulic system** | 3 work modes H, S, Eco | ● | ● | ● |
| | Power boost (37.8 MPa {385 kgf/cm$^2$}) | ● | ● | ● |
| | Heavy lift mode | ● | ● | ● |
| | Pressure release function | ● | ● | ● |
| | Independent travel function | ● | ● | ● |
| | Auto warm up system | ● | ● | ● |
| | Proportional Hand Control (for E&N&B piping) | ● | ● | ● |
| | Hydraulic oil VG32 | ● | ● | ● |
| | Hydraulic oil VG46 | ○ | ○ | ○ |
| | Hydraulic oil VG68 | ○ | ○ | ○ |
| **Piping** | E & N&B piping | ● | ● | ● |
| | E & N&B piping + Bigger capacity P4 pump (89.4 L/min) | ○ | ○ | ○ |
| | QH piping | ● | ● | ● |
| **Cabin** | Air suspension seat with heating | ● | ● | ● |
| | 10 inch colour monitor | ● | ● | ● |
| | LED door light | ● | ● | ● |
| | Air-conditioner | ● | ● | ● |
| | DAB+ radio (FM/AM & AUX & USB & Bluetooth® & hands free telephone) | ● | ● | ● |
| | Harness for cab four lights and cab yellow flasher | ● | ● | ● |
| | Parallel wiper | ● | ● | ● |
| | 12V power outlet | ● | ● | ● |
| | Rain visor | ○ | ○ | ○ |
| | Sun screen | ○ | ○ | ○ |
| **Lights** | LED work lights ; 2 on boom, 1 on upper frame, 2 on rear counterweight | ● | ● | ● |
| | LED work lights ; 2 on cab top front | ○ | ○ | ○ |
| **Working equipment** | Standard boom (5.62m) | ● | – | – |
| | Standard boom (5.65m) | – | ● | ● |
| | 2 Piece Boom | ○ | ○ | ○ |
| | Standard arm (2.87m) | ● | – | – |
| | Standard HD arm (2.94m) with rock guard | – | ● | ● |
| | OHK hook | ● | ● | ● |
| **Counter weight** | Standard C/W (5,910kg) | ● | ● | ● |
| | Standard C/W (5,910kg) + Additional C/W (1,400kg) | ○ | ○ | ○ |
| **Undercarriage** | 600mm steel shoe | ● | ● | ● |
| | 700mm steel shoe | ○ | ○ | ○ |
| | 790mm steel shoe | ○ | – | – |
| | 800mm steel shoe | – | ○ | ○ |
| | 900mm steel shoe | ○ | ○ | – |
| | Track guide (one per side) | ● | ● | ● |
| | Additional track guides (two additional per side) | ○ | ○ | ○ |
| | Lower frame guard | ● | ● | ● |
| | Dozer blade (2,990mm/for 600mm shoes) | ○ | – | ○ |
| **Safety** | Engine emergency stop switch | ● | ● | ● |
| | Pump emergency mode (KPSS release switch) | ● | ● | ● |
| | Emergency accel dial | ● | ● | ● |
| | Emergency manual valve for lowering attachment | ● | ● | ● |
| | Overload alarm | ● | ● | ● |
| | Safety valve for boom & arm cylinder | ● | ● | ● |
| | ROPS compliant cab (ISO 12117-2:2008) | ● | ● | ● |
| | OPG Level II top guard (ISO 10262;1998) | ● | ● | ● |
| | OPG Level II front guard (ISO 10262;1998) | ○ | ○ | ○ |
| | Eagle-eye view camera (Rear, Right, Left) | ● | ● | ● |
| | Seatbelt indicator on display | ● | ● | ● |
| | Travel alarm | ○ | ○ | ○ |
| **Others** | Refueling pump | ● | ● | ● |
| | Harness for engine room light | ● | ● | ● |
| | RAL color | ○ | ○ | ○ |
| | KOMEXS | ● | ● | ● |

*The air conditioning system on this machine contains fluorinated greenhouse gas HFC-134a (GWP 1430). Quantity of gas 0.8 kg ($CO_2$ equivalent 1.2 t).
Note: Bluetooth® is a registered trademark of the Bluetooth SIG Inc.

Note: This catalogue may contain attachments and optional equipment that are not available in your area. And it may contain photographs of machines with specifications that differ from those of machines sold in your areas. Please consult your nearest KOBELCO distributor for those items you require.
Specialist equipment is needed to use this machine in demolition work. Before using it please contact your KOBELCO dealer.
Due to our policy of continuous product improvements all designs and specifications are subject to change without advance notice.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