

**SK130 SK140<sup>LC</sup>**



Note: This catalog may contain attachments and optional equipment that are not available in your area. And it may contain photographs of machines with specifications that differ from those of machines sold in your areas. Please consult your nearest KOBELCO distributor for those items you require. 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. Copyright by **KOBELCO CONSTRUCTION MACHINERY CO., LTD.** No part of this catalog may be reproduced in any manner without notice.

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# To cities, forests, and all kinds of sites around the world.



Kobelco's innovations have created "earth-friendly construction machines" that play important roles at a diverse range of construction sites throughout the world.

They increase productivity on all types of projects thanks to their power, durability, and outstanding fuel efficiency.

While boasting low fuel consumption, the SK130 and SK140LC are state-of-the-art machines that achieve even greater efficiency.

Featuring strong durability and easy maintenance, they're put to powerful use on all kinds of construction sites.

Their high performance exceeds expectations.

Kobelco is focused on the future of the global environment, striving to provide greater work efficiency and reduce life-cycle costs, as well as offering a new sense of value that's ahead of the times.



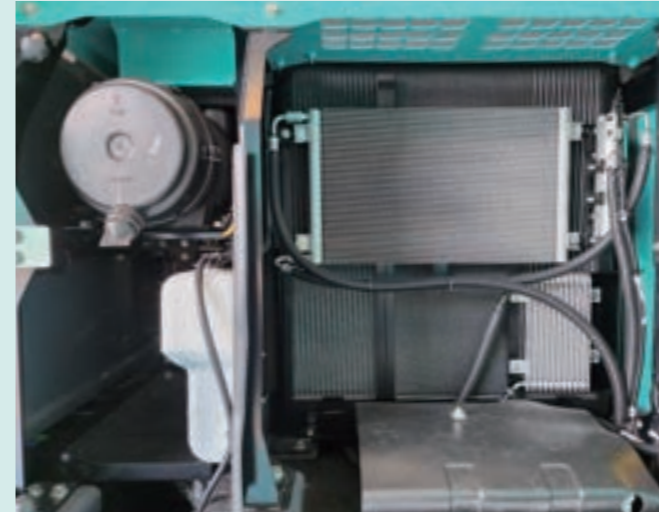
## SK130 SK140<sub>LC</sub>

# More operable. Durable. Better performance.



## Upper Structure

### Cooling System

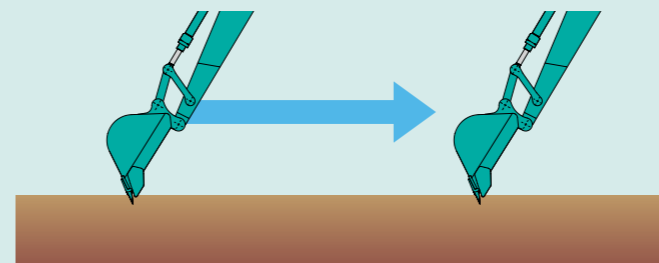


The oil cooler has been changed from a two-layer to a one-layer type. This prevents dust from collecting in the gaps, helping to maintain the cooling function.

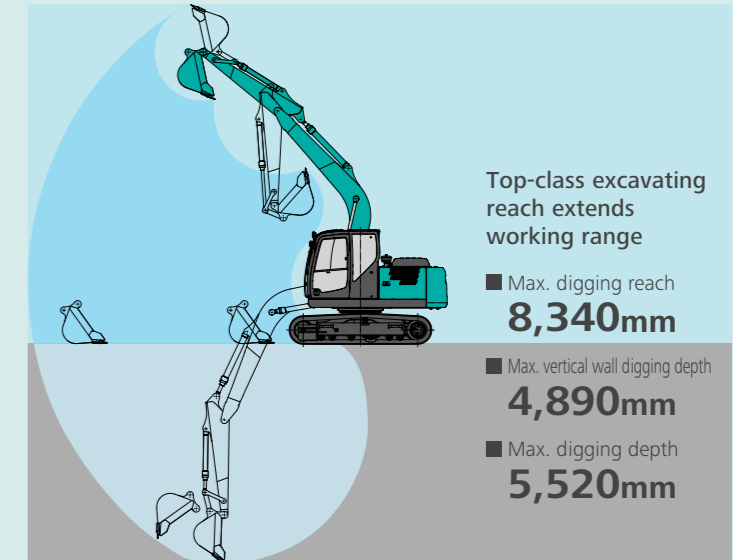
## Improved Workability

### Speedy combined operations

Combined attachment operations, such as horizontal pulling to operate the boom and arm at the same time, are also nimble and smooth, making it possible to work faster.



## Get More Done Faster with Superior Operability

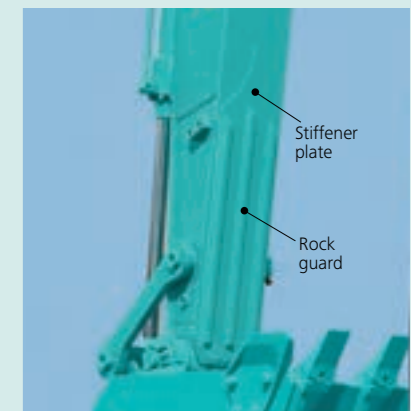


\*1 Values are for STD arm (2.38m)  
\*2 Without including height of shoe

## Attachment/Equipment

### Reinforced Attachments

There is a new long arm. Additionally, rock guard reinforcement can now be attached to the tip. The shape of the lower plate has been optimized for logging work, and the arm strength is enhanced.



## Travel System

### Reinforced Guide Frame

Reinforced guide frame prevents deformation caused by impact or encroaching of loose stones.



### Reinforced Undercover

Reinforced undercover protects the piping and other components from damage caused by accidental contact with branches, debris and other obstacles.



# We're always pursuing fuel efficiency.

# Efficient maintenance to sustain high performance.

## Reduced fuel consumption in ECO-mode

### ECO-mode: Engineered for Economy

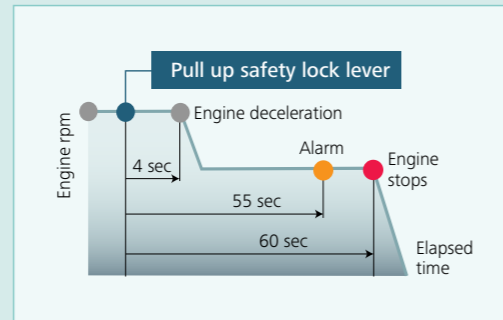
Kobelco's ECO-mode maximizes the operating efficiency of the engine and other components to achieve much greater fuel efficiency. Just press a button to choose the operation mode best suited to the task at hand and the working conditions.

■ Optimal operation with three modes

**H** H-mode ••• Maximum power for maximum productivity on your toughest jobs

**S** S-mode ••• Ideal balance of productivity and fuel efficiency for a range of urban engineering projects

**E** ECO-mode ••• Minimum fuel consumption for utility projects and other work that demands precision



### AIS (Auto Idle Stop)

If the safety lock lever is lifted up, the engine will stop automatically. This eliminates wasteful idling during standby, saving fuel and reducing CO<sub>2</sub> emissions as well.

### Hydraulic system engineered to reduce energy loss

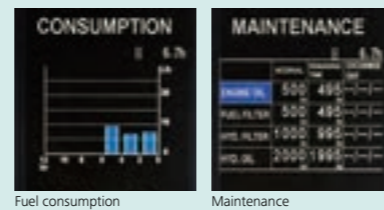
Kobelco's proprietary hydraulic systems offer hydraulic line positioning that reduces friction resistance and valves designed for higher efficiency, minimizing energy loss throughout the system.

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



### Multi-Display in Color

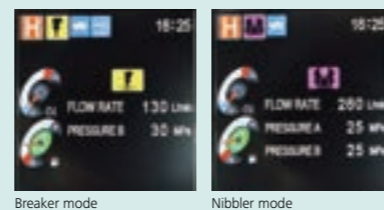
Brilliant colors and graphic displays are easy to recognize on the LCD multi-display in the console. The display shows fuel consumption, maintenance intervals, and more.



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

### One-Touch Attachment Mode Switch

A simple touch of a button, switches the hydraulic circuit and flow amount to match attachment changes. Icons help the operator to confirm the proper configuration at a glance.

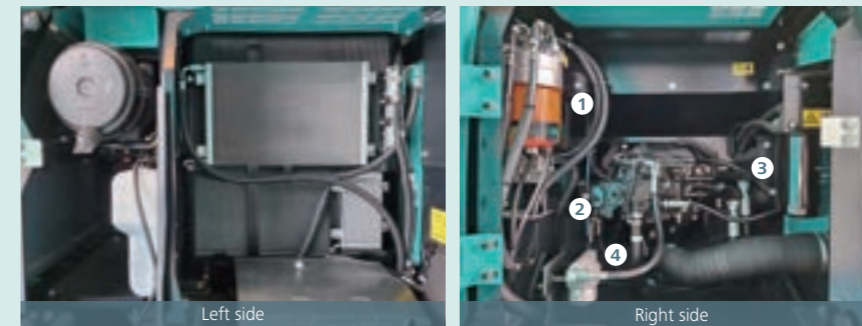


## Compatible with Biofuel

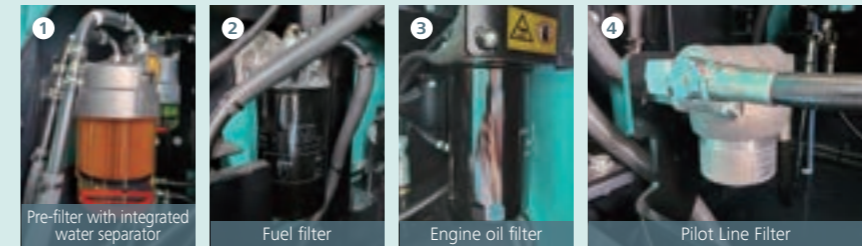
Biofuel may be used with Kobelco machinery, reducing environmental impact and supporting business. \*For more information about using biofuels, please contact the nearest dealer.

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

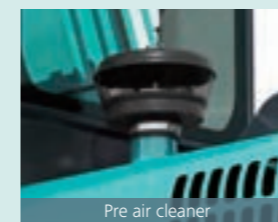
The layout allows for easy access from the ground for many daily checks and regular maintenance tasks.



Simple layout for easy access to radiator and cooling system elements



An enlarged cartridge-type pilot filter simplifies maintenance.

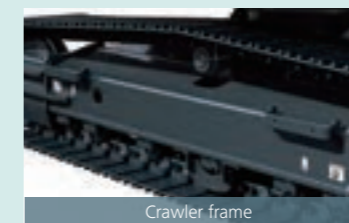


### More Efficient Maintenance Inside the Cab

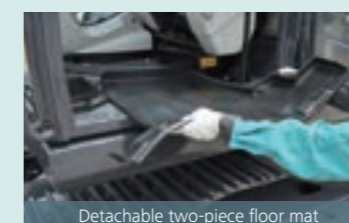
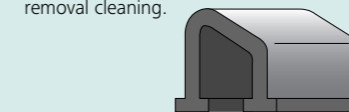


Internal and external air conditioner filters can be easily removed without tools for cleaning.

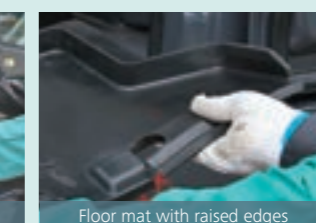
### Easy Cleaning



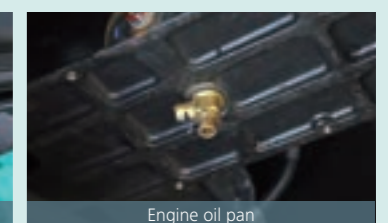
Special crawler frame design for easy mud removal cleaning.



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



Floor mat's raised edges help keep the cab floor free of mud, simplify cleaning.



Engine oil pan equipped with drain valve.



Examples of displaying maintenance information

### Machine Information Display Function

- Displays only the maintenance information that's needed, when it's needed
- Self-diagnostic function provides early-warning detection and display of electrical system malfunctions
- Service-diagnostic function makes it easier to check the status of the machine
- Record function of previous breakdowns including irregular and transient malfunction

Long-life hydraulic oil:  
**2,000** hours

### Long-Interval Maintenance

Long-life hydraulic oil reduces cost and labor.

Replacement cycle:  
**1,000** hours

### Highly Durable Premium-fine Filter

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



# Comfortable Cab Is Now Safer than Ever.

A work environment that is quieter and more comfortable. A cab that puts the operator first is key to improved safety.



\*Prevention bar shall be equipped on the right side window.



\*Prevention bar shall be equipped on the right side window.

## Comfort

### Super-Airtight Cab



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

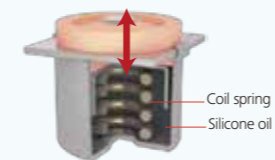
### Quiet Inside

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

### Low Vibration

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

Twice the stroke of a conventional mount



### Anti-theft measures

Theft-prevention brackets have been installed on the ECU, mechatronics, and cluster panels. Their structure makes removal very difficult.



### Broad View Liberates the Operator

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

### Air Conditioner Louvers behind the Seat



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

### More Comfortable Seat Means Higher Productivity



Seat recliner can be pushed back flat



Double slides allow adjustment for optimum comfort

\*Armrests are equipped with suspension seats only.



### Large Cab Is Easy to Get in and Out of

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

\*Prevention bar shall be equipped on the right side window.

### Interior Equipment Adds to Comfort and Convenience



Spacious storage tray



Large cup holder

## Safety

### ROPS Cab

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



### Expanded Field of View for Greater Safety



Rearview mirrors left and right

Greater safety assured by rearview mirrors on left and right.



Hand rail

### Standard 3 LED Lights

Bright LED lights ensure visibility even during night work. (one for boom, one for right storage box, and one for Cab)



Prevention bar for leaning out of window



Hammer for emergency exit



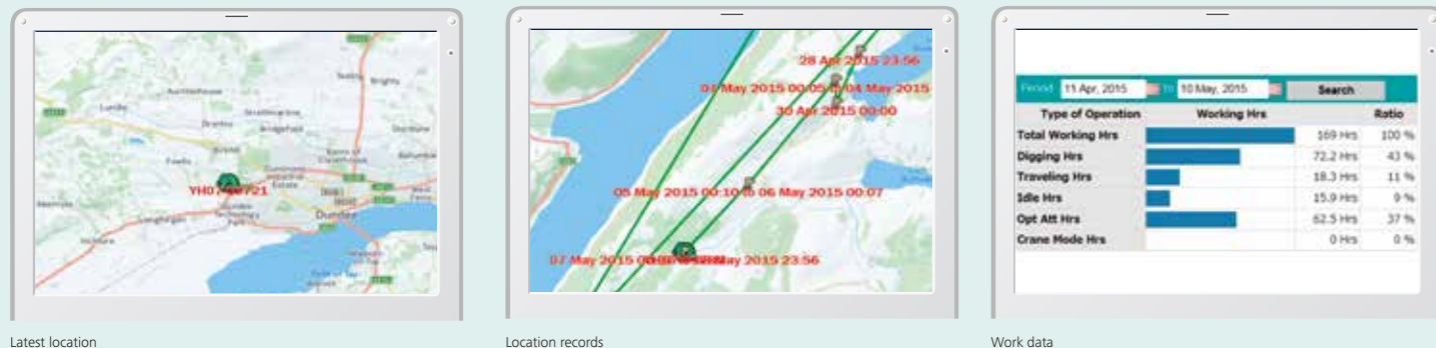
## Remote Monitoring for Peace of Mind

KOMEXS uses satellite communication and internet to relay data, and therefore can be deployed in areas where other forms of communication are difficult. When a hydraulic excavator is fitted 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 difficult.



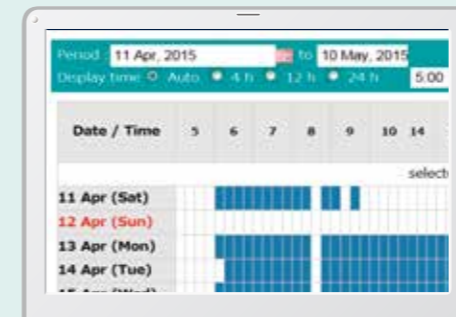
Latest location

Location records

Work data

## Operating Hours

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



Daily report

## Fuel Consumption Data

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

| 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               |
| <b>TOTAL</b> | <b>171:25</b> | <b>1514.2 L</b>        |

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.



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        |
| SK135SRLC-3/SK140SRL | YH07-09789 | 73 Hr      | 429        |
| SK210LC-9            | YQ13-10454 | 960 Hr     | 58         |
| SK210LC-9            | YQ13-10481 | 549 Hr     | 498        |
| SK75SR-              | YT08-30174 |            |            |

Maintenance

### Warning Alerts

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

## Alarm Information Can Be Received via E-mail

- Alarm information or maintenance notice can be received via e-mail, using a computer or a mobile device.



Alarm messages can be received on a 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 up with an alarm if the machine is operated outside designated time.



Engine start alarm outside prescribed work time

### Area Alarm

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



Alarm for outside of reset area

## Engine

| Model              | ISUZU 4JJ1  |
|--------------------|---|
| Type               | Four cycle, water cooled, overhauled camshaft, vertical in-line, direct injection type, with turbocharger             |
| No. of cylinders   | 4   |
| Bore and stroke    | 95.4 mm x 104.9 mm  |
| Displacement       | 2.999 L   |
| Rated power output | 65.4kW / 2,000min <sup>-1</sup> (ISO 9249 : with fan)<br>73.0kW / 2,000 min <sup>-1</sup> (ISO 14396: without fan)    |
| Max. torque        | 341 N•m / 1,600 min <sup>-1</sup> (ISO 9249 : with fan)<br>365 N•m / 1,600 min <sup>-1</sup> (ISO 14396: without fan) |

## Hydraulic System

| Pump                 |   |
|----------------------|---|
| Type                 | Two variable displacement pumps + one gear pump |
| Max. discharge flow  | 2 x 130.4 L/min, 1 x 20 L/min                   |
| Relief valve setting |   |
| Boom, arm and bucket | 34.3 MPa (350 kgf/cm <sup>2</sup> )             |
| Travel circuit       | 34.3 MPa (350 kgf/cm <sup>2</sup> )             |
| Swing circuit        | 28.0 MPa (286 kgf/cm <sup>2</sup> )             |
| Control circuit      | 5.0 MPa (51 kgf/cm <sup>2</sup> )               |
| Pilot control pump   | Gear type                                       |
| Main control valve   | 12-Spool valve                                  |
| Oil cooler           | Air cooled type                                 |

## Swing System

|                         |   |
|-------------------------|---|
| Swing motor             | Axial piston pump   |
| Brake                   | Hydraulic; locking automatically when the swing control lever is in neutral posit |
| Parking brake           | Oil disc brake, hydraulic operated automatically                                  |
| Swing speed             | 10.9 min <sup>-1</sup> {rpm}  |
| Tail swing radius       | 2,330 mm  |
| Min. front swing radius | 2,640 mm  |

## Attachments

Backhoe bucket and combination

| Type            | Backhoe bucket               |                |       |       |         |
|-----------------|------------------------------|----------------|-------|-------|---------|
| Bucket capacity | ISO heaped                   | m <sup>3</sup> | 0.50  | 0.57  | 0.57 HD |
|                 | ISO Struck                   | m <sup>3</sup> | 0.38  | 0.43  | 0.43    |
| Opening width   | With side cutter             | mm             | 1,000 | 1,110 | 1,110   |
|                 | Without side cutter          | mm             | 905   | 1,020 | 1,020   |
| No. of teeth    |                              |                | 5     | 5     | 5       |
| Bucket weight   |                              | kg             | 380   | 390   | 440     |
| Combination     | 2.38m arm (with rock guard)  | SK130          | ○     | △     | △       |
|                 |                              | SK140LC        | ○     | ◎     | ◎       |
|                 | 2.84 m arm (with rock guard) | SK130          | △     | -     | -       |
|                 |                              | SK140LC        | ◎     | △     | △       |

◎ Standard combination ○ Recommended △ Loading only - Not applicable

## Travel System

|                           |                                  |              |
|---------------------------|----------------------------------|--------------|
| Travel motors             | 2x axial-piston, two-step motors |              |
| Travel brakes             | Hydraulic brake per motor        |              |
| Parking brakes            | Oil disc brake per motor         |              |
| Travel shoes              | SK130                            | 44 each side |
|                           | SK140LC                          | 46 each side |
| Travel speed (Low / High) | 3.3 / 5.7 km/h                   |              |
| Drawbar pulling force     | 142 kN (14,500 kgf) SAE          |              |
| Gradeability              | 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   |  |

## Boom, Arm & Bucket

|                 |                   |
|-----------------|-------------------|
| Boom cylinders  | 100 mm x 1,092 mm |
| Arm cylinder    | 115 mm x 1,116 mm |
| Bucket cylinder | 95 mm x 903 mm    |

## Refilling Capacities & Lubrications

|                       |                        |
|-----------------------|------------------------|
| Fuel tank             | 271 L                  |
| Cooling system        | 12 L                   |
| Engine oil            | 17 L                   |
| Travel reduction gear | 2 x 2.1 L              |
| Swing reduction gear  | 1 x 1.65 L             |
| Hydraulic oil tank    | 94.5 L tank oil level  |
|                       | 197 L hydraulic system |

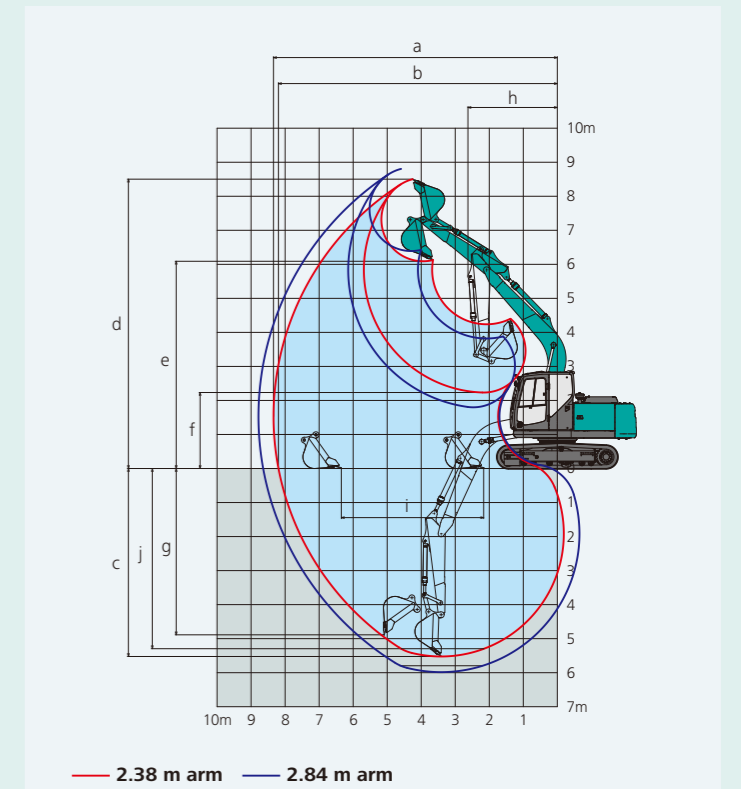
## Working Ranges

| Range  | 4.68 m          |             |
|--|-----------------|-------------|
|  | Standard 2,38 m | Long 2,84 m |
| a- Max. digging reach                        | 8,340           | 8,780       |
| b- Max. digging reach at ground level        | 8,190           | 8,640       |
| c- Max. digging depth                        | 5,520           | 5,980       |
| d- Max. digging height                       | 8,500           | 8,800       |
| e- Max. dumping clearance                    | 6,090           | 6,390       |
| f- Min. dumping clearance                    | 2,230           | 1,800       |
| g- Max. vertical wall digging depth          | 4,890           | 5,350       |
| h- Min. swing radius                         | 2,640           | 2,800       |
| i- Horizontal digging stroke at ground level | 4,180           | 4,670       |
| j- Digging depth for 2.4 m (8') flat bottom  | 5,300           | 5,800       |
| Bucket capacity ISO heaped m <sup>3</sup>    | 0.50            | 0.50        |

| Digging Force (ISO 6015) |                 |             |
|--------------------------|-----------------|-------------|
| Unit: kN                 |                 |             |
| Arm length               | Standard 2,38 m | Long 2,84 m |
| Bucket digging force     | 90.5            | 90.5        |
| Arm crowding force       | 64.2            | 58.2        |

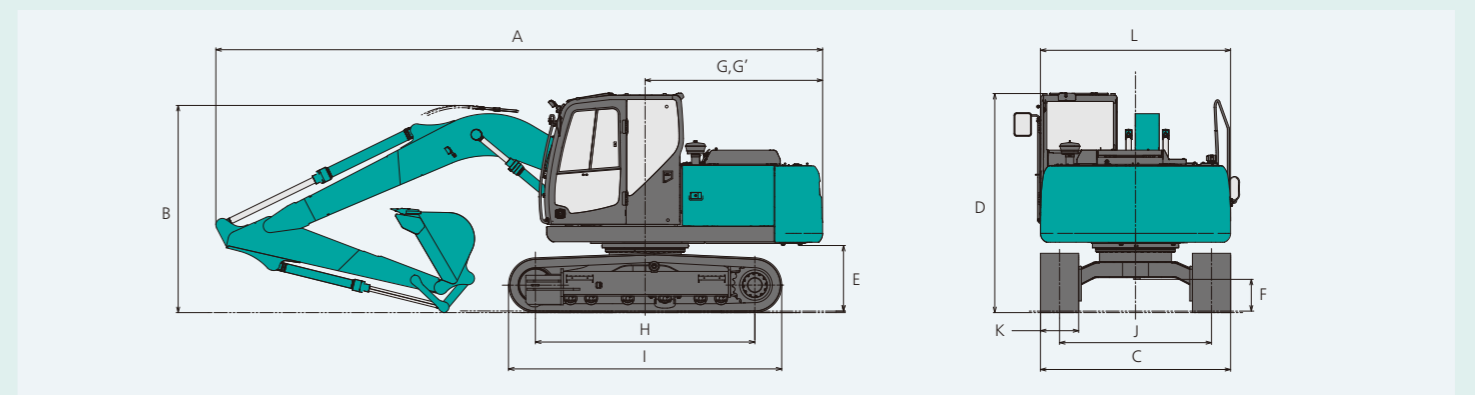
## Dimensions

| Unit: mm                          |                 |             |
|-----------------------------------|-----------------|-------------|
| Arm length                        | Standard 2,38 m | Long 2,84 m |
| A Overall length                  | 7,950           | 7,940       |
| B Overall height (to top of boom) | 2,710           | 3,120       |
| C Overall width of crawler        | 2,490           |             |
| D Overall height (to top of cab)  | 2,880           |             |
| E Ground clearance of rear end*   | 860             |             |
| F Ground clearance*               | 415             |             |
| G Tail swing radius               | 2,330           |             |



| Unit: mm                                     |         |       |
|--|---------|-------|
| G' Distance from centre of swing to rear end | 2,330   |       |
| H Tumbler distance                           | SK130   | 2,870 |
|  | SK140LC | 3,040 |
| I Overall length of crawler                  | SK130   | 3,580 |
|  | SK140LC | 3,750 |
| J Track gauge                                | 1,990   |       |
| K Shoe width                                 | 500     |       |
| L Overall width of upperstructure            | 2,490   |       |

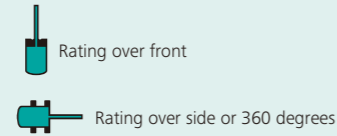
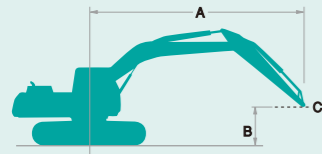
\*Without including height of shoe



## Operating Weight & Ground Pressure

In standard trim, with standard boom, 2.38 m arm, and 0.50 m<sup>3</sup> ISO heaped bucket, triple grouser shoes (even height)

| Engine                   | Non-regulation |       | Tier3  |        |        |        |
|--------------------------|----------------|-------|--------|--------|--------|--------|
| Shoe width               | mm             | 500   | 700    | 500    | 700    |        |
| Overall width of crawler | mm             | 2,490 | 2,690  | 2,490  | 2,690  |        |
| Ground pressure          | SK130          | kPa   | 39.7   | 29.4   | 39.9   | 29.6   |
|                          | SK140LC        | kPa   | 39.6   | 29.4   | 39.8   | 29.5   |
| Operating weight         | SK130          | kg    | 12,600 | 13,100 | 12,700 | 13,200 |
|                          | SK140LC        | kg    | 13,300 | 13,800 | 13,400 | 13,900 |



A: Reach from swing centerline to arm top  
 B: Arm top height above/below ground  
 C: Lift point  
 Bucket: Without bucket  
 Relief valve setting: 34.3 MPa (350 kgf/cm<sup>2</sup>)

| SK130-10E |    | Arm: HD arm 2.38 m Bucket: Without Shoe: 500 mm Counterweight: 2,000 kg |                                 |                   |                                 |                   |                                 |                   |                                 |                   |                                 |        |
|-----------|----|---|---------------------------------|-------------------|---------------------------------|-------------------|---------------------------------|-------------------|---------------------------------|-------------------|---------------------------------|--------|
| B         | A  | 1.5m  |                                 | 3.0m              |                                 | 4.5m              |                                 | 6.0m              |                                 | At max. reach     |                                 | Radius |
|           |    | Rating over front   | Rating over side or 360 degrees | Rating over front | Rating over side or 360 degrees | Rating over front | Rating over side or 360 degrees | Rating over front | Rating over side or 360 degrees | Rating over front | Rating over side or 360 degrees |        |
| 6.0m      | kg |   |                                 |                   |                                 | *3,250            | *3,250                          |                   |                                 | *1,820            | *1,820                          | 5.47m  |
| 4.5m      | kg |   |                                 |                   |                                 | *3,530            | 3,390                           | 3,080             | 2,110                           | *1,680            | *1,680                          | 6.44m  |
| 3.0m      | kg |   |                                 | *6,300            | 5,930                           | *4,380            | 3,170                           | 3,000             | 2,040                           | *1,670            | 1,590                           | 6.96m  |
| 1.5m      | kg |   |                                 | *5,630            | 5,180                           | 4,460             | 2,920                           | 2,880             | 1,930                           | *1,760            | 1,490                           | 7.11m  |
| G.L.      | kg |   |                                 | *6,080            | 4,970                           | 4,270             | 2,750                           | 2,800             | 1,850                           | *1,980            | 1,510                           | 6.93m  |
| -1.5m     | kg | *5,200  | *5,200                          | 8,480             | 4,970                           | 4,210             | 2,700                           | 2,770             | 1,830                           | *2,420            | 1,690                           | 6.40m  |
| -3.0m     | kg | *8,950  | *8,950                          | *7,870            | 5,100                           | 4,280             | 2,760                           |                   |                                 | 3,300             | 2,180                           | 5.39m  |

| SK130-10E |    | Arm: HD long arm 2.84 m Bucket: Without Shoe: 500 mm Counterweight: 2,000 kg |                                 |                   |                                 |                   |                                 |                   |                                 |                   |                                 |                   |                                 |        |
|-----------|----|--|---------------------------------|-------------------|---------------------------------|-------------------|---------------------------------|-------------------|---------------------------------|-------------------|---------------------------------|-------------------|---------------------------------|--------|
| B         | A  | 1.5m   |                                 | 3.0m              |                                 | 4.5m              |                                 | 6.0m              |                                 | 7.5m              |                                 | At max. reach     |                                 | Radius |
|           |    | Rating over front  | Rating over side or 360 degrees | Rating over front | Rating over side or 360 degrees | Rating over front | Rating over side or 360 degrees | Rating over front | Rating over side or 360 degrees | Rating over front | Rating over side or 360 degrees | Rating over front | Rating over side or 360 degrees |        |
| 7.5m      | kg |  |                                 |                   |                                 |                   |                                 |                   |                                 |                   |                                 | *2,070            | *2,070                          | 4.49m  |
| 6.0m      | kg |  |                                 |                   |                                 |                   |                                 | *1,870            | *1,870                          |                   |                                 | *1,710            | *1,710                          | 6.04m  |
| 4.5m      | kg |  |                                 |                   |                                 |                   |                                 | *3,060            | 2,120                           |                   |                                 | *1,590            | *1,590                          | 6.93m  |
| 3.0m      | kg |  |                                 | *5,280            | *5,280                          | *3,930            | 3,200                           | 2,990             | 2,030                           |                   |                                 | *1,580            | 1,410                           | 7.41m  |
| 1.5m      | kg |  |                                 | *8,130            | 5,290                           | 4,470             | 2,920                           | 2,860             | 1,910                           | *1,960            | 1,340                           | *1,660            | 1,320                           | 7.55m  |
| G.L.      | kg |  |                                 | *6,310            | 4,900                           | 4,230             | 2,710                           | 2,750             | 1,800                           |                   |                                 | *1,830            | 1,330                           | 7.39m  |
| -1.5m     | kg | *4,450   | *4,450                          | 8,340             | 4,840                           | 4,140             | 2,630                           | 2,700             | 1,760                           |                   |                                 | *2,190            | 1,460                           | 6.89m  |
| -3.0m     | kg | *7,530   | *7,530                          | *8,370            | 4,940                           | 4,170             | 2,650                           |                   |                                 |                   |                                 | 2,770             | 1,820                           | 5.96m  |
| -4.5m     | kg |  |                                 | *5,960            | 5,200                           |                   |                                 |                   |                                 |                   |                                 | *3,800            | 2,980                           | 4.34m  |

| SK140LC-10E |    | Arm: HD arm 2.38 m Bucket: Without Shoe: 500 mm Counterweight: 2,480 kg |                                 |                   |                                 |                   |                                 |                   |                                 |                   |                                 |        |
|-------------|----|---|---------------------------------|-------------------|---------------------------------|-------------------|---------------------------------|-------------------|---------------------------------|-------------------|---------------------------------|--------|
| B           | A  | 1.5m  |                                 | 3.0m              |                                 | 4.5m              |                                 | 6.0m              |                                 | At max. reach     |                                 | Radius |
|             |    | Rating over front   | Rating over side or 360 degrees | Rating over front | Rating over side or 360 degrees | Rating over front | Rating over side or 360 degrees | Rating over front | Rating over side or 360 degrees | Rating over front | Rating over side or 360 degrees |        |
| 6.0m        | kg |   |                                 |                   |                                 | *3,250            | *3,250                          |                   |                                 | *1,820            | *1,820                          | 5.47m  |
| 4.5m        | kg |   |                                 |                   |                                 | *3,530            | *3,530                          | *3,250            | 2,370                           | *1,680            | *1,680                          | 6.44m  |
| 3.0m        | kg |   |                                 | *6,300            | *6,300                          | *4,380            | 3,540                           | 3,560             | 2,290                           | *1,670            | *1,670                          | 6.96m  |
| 1.5m        | kg |   |                                 | *5,630            | *5,630                          | 5,350             | 3,280                           | 3,450             | 2,190                           | *1,760            | 1,700                           | 7.11m  |
| G.L.        | kg |   |                                 | *6,080            | 5,610                           | 5,160             | 3,120                           | 3,360             | 2,110                           | *1,980            | 1,730                           | 6.93m  |
| -1.5m       | kg | *5,200  | *5,200                          | *9,170            | 5,620                           | 5,100             | 3,070                           | 3,330             | 2,080                           | *2,420            | 1,920                           | 6.40m  |
| -3.0m       | kg | *8,950  | *8,950                          | *7,870            | 5,750                           | 5,170             | 3,130                           |                   |                                 | *3,530            | 2,470                           | 5.39m  |

| SK140LC-10E |    | Arm: HD long arm 2.84 m Bucket: Without Shoe: 500 mm Counterweight: 2,480 kg |                                 |                   |                                 |                   |                                 |                   |                                 |                   |                                 |                   |                                 |        |
|-------------|----|--|---------------------------------|-------------------|---------------------------------|-------------------|---------------------------------|-------------------|---------------------------------|-------------------|---------------------------------|-------------------|---------------------------------|--------|
| B           | A  | 1.5m   |                                 | 3.0m              |                                 | 4.5m              |                                 | 6.0m              |                                 | 7.5m              |                                 | At max. reach     |                                 | Radius |
|             |    | Rating over front  | Rating over side or 360 degrees | Rating over front | Rating over side or 360 degrees | Rating over front | Rating over side or 360 degrees | Rating over front | Rating over side or 360 degrees | Rating over front | Rating over side or 360 degrees | Rating over front | Rating over side or 360 degrees |        |
| 7.5m        | kg |  |                                 |                   |                                 |                   |                                 |                   |                                 |                   |                                 | *2,070            | *2,070                          | 4.49m  |
| 6.0m        | kg |  |                                 |                   |                                 |                   |                                 | *1,870            | *1,870                          |                   |                                 | *1,710            | *1,710                          | 6.04m  |
| 4.5m        | kg |  |                                 |                   |                                 |                   |                                 | *3,060            | 2,380                           |                   |                                 | *1,590            | *1,590                          | 6.93m  |
| 3.0m        | kg |  |                                 | *5,280            | *5,280                          | *3,930            | 3,570                           | *3,400            | 2,280                           |                   |                                 | *1,580            | *1,580                          | 7.41m  |
| 1.5m        | kg |  |                                 | *8,130            | 5,940                           | *5,000            | 3,280                           | 3,430             | 2,160                           | *1,960            | 1,530                           | *1,660            | 1,510                           | 7.55m  |
| G.L.        | kg |  |                                 | *6,310            | 5,550                           | 5,120             | 3,080                           | 3,320             | 2,060                           |                   |                                 | *1,830            | 1,530                           | 7.39m  |
| -1.5m       | kg | *4,450   | *4,450                          | *8,640            | 5,490                           | 5,020             | 2,990                           | 3,260             | 2,010                           |                   |                                 | *2,190            | 1,680                           | 6.89m  |
| -3.0m       | kg | *7,530   | *7,530                          | *8,370            | 5,580                           | 5,050             | 3,020                           |                   |                                 |                   |                                 | *2,980            | 2,070                           | 5.96m  |
| -4.5m       | kg |  |                                 | *5,960            | 5,850                           |                   |                                 |                   |                                 |                   |                                 | *3,800            | 3,360                           | 4.34m  |

- Notes:**
- Do not attempt to lift or hold any load that is greater than these lift capacities at their specified lift point radius and heights. Weight of all accessories must be deducted from the above lift capacities.
  - Lift capacities are based on machine standing on level, firm, and uniform ground. User must make allowance for job conditions such as soft or uneven ground, out of level conditions, side loads, sudden stopping of loads, hazardous conditions, experience of personnel, etc.
  - Arm top defined as lift point.
  - The above lift capacities are in compliance with ISO 10567. They do not exceed 87% of hydraulic lift capacity or 75% of tipping load. Lift capacities marked with an asterisk (\*) are limited by hydraulic capacity rather than tipping load.
  - Operator should be fully acquainted with the Operator's and Maintenance Instructions before operating this machine. Rules for safe operation of equipment should be adhered to at all times.
  - Lift capacities apply to only machine originally manufactured and normally equipped by KOBELCO CONSTRUCTION MACHINERY CO., LTD.

## STANDARD EQUIPMENT

### ENGINE

- Engine, ISUZU 4JJ1, diesel engine with turbocharger and intercooler
- Automatic engine deceleration
- Auto Idle Stop (AIS)
- Batteries (2 x 12 V - 100 Ah)
- Starting motor (24 V - 4 kW), 50 amp alternator
- Engine oil pan drain cock
- Double element air cleaner

### CONTROL

- Working mode selector (H-mode, S-mode and ECO-mode)

### SWING SYSTEM & TRAVEL SYSTEM

- Swing rebound prevention system
- Straight propel system
- Two-speed travel with automatic shift down
- Sealed & lubricated track links
- Grease-type track adjusters
- Automatic swing brake

### HYDRAULIC

- Arm regeneration system
- Aluminum hydraulic oil cooler

### MIRRORS & LIGHTS

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

### CAB & CONTROL

- Two control levers, pilot-operated
- Horn, electric
- Cab light (interior)
- Luggage tray
- Large cup holder
- Detachable two-piece floor mat
- Handrails
- Intermittent windshield wiper with double-spray washer
- Skylight
- Tinted safety glass
- Pull-up type front window and removable lower front window
- Easy-to-read multi-display color monitor
- Automatic air conditioner
- Emergency escape hammer
- KOMEXS

## OPTIONAL EQUIPMENT

- Two cab LED lights
- Rearview camera
- N & B piping
- Wide range of buckets
- Various optional arms
- Wide range of shoes
- Multi control valve
- Suspension seat with armrest

Note: Standard and optional equipment may vary. Consult your KOBELCO dealer for specifics.