

**KOBELCO**

SK330-10/SK350LC-10

**SK330 SK350<sub>LC</sub>**



**We Save You Fuel**  
Achieving a Low-Carbon Society

# Power Meets Efficiency



## SK330 SK350<sub>LC</sub>

**16%**  
Higher fuel saving  
means  
"Efficiency"

Increase in  
productivity  
means  
"Power"

Compared to H-mode on the SK330-8

To urban centers and mines around the world. Kobelco's all-out innovation brings you durable earth-friendly construction machinery suitable for any task and sites all over the planet. With greater fuel economy we deliver higher efficiency to any project.

Kobelco SK330 SK350LC machines are also more durable than ever, able to withstand the rigors of the toughest job sites. It all adds up to new levels of value that are a step ahead of the times. While focusing on the global environment of the future, Kobelco offers next-generation productivity to meet the need for lower life cycle costs and exceed the expectations of customers globally.



# Evolution Continues, with Improved Fuel Efficiency.

## In Pursuit of Improved Fuel Efficiency

### Operation Mode

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

■ Compared to previous models



|          |                |            |
|----------|----------------|------------|
| <b>H</b> | H-mode .....   | <b>16%</b> |
| <b>S</b> | S-mode .....   | <b>19%</b> |
| <b>E</b> | ECO-mode ..... | <b>24%</b> |

Values are approximate improvement rate.

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

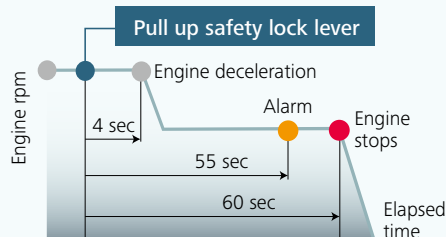
Over the past 10 years, Kobelco has achieved an average reduction of about 37% in fuel consumption. And we vow to continue to lead in fuel efficiency.

■ Compared to SK330-6 model (2006)

|          |                     |       |            |
|----------|---------------------|-------|------------|
| <b>E</b> | ECO-mode (SK330-10) | ..... | <b>37%</b> |
|----------|---------------------|-------|------------|

### 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.





**16%**  
Higher fuel saving  
means  
"Efficiency"

The new arm interflow system more efficiently controls hydraulic fluid flow, and significant reduction of in-line resistance and pressure loss boosts fuel efficiency by about 16%\*.

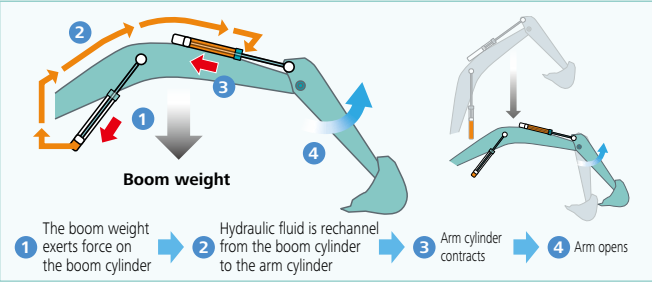
The electronic-control common-rail engine features high-pressure fuel injection and multiple injection with improved precision.

\* Compared to H-mode on the SK330-8

**Hydraulic System: Revolutionary Technology Saves Fuel**

**Arm Interflow System** NEW

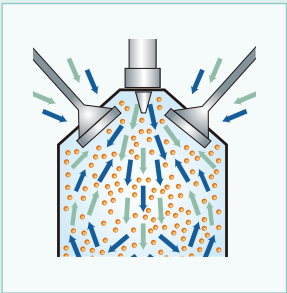
When lowering the boom, this system uses the downward force generated by the boom's weight to push fluid to the shovel arm cylinder. This greatly reduces the need to apply power from outside the system.



**Pursuing maximum fuel efficiency**

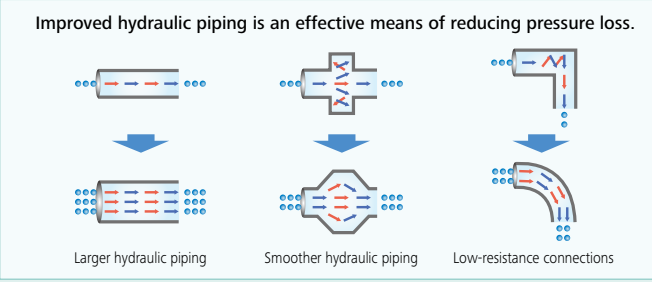
**Common Rail System**

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



**Hydraulic Circuit Reduces Energy Loss**

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



# More Power and Higher Efficiency.

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

## Improved Fuel Efficiency Contributes to High Performance

### Superior Digging Performance

Powerful digging force delivers outstanding performance.

■ Max. Bucket Digging Force

Normal: **222kN**

With power boost: **244kN**

■ Max. Arm Crowding Force

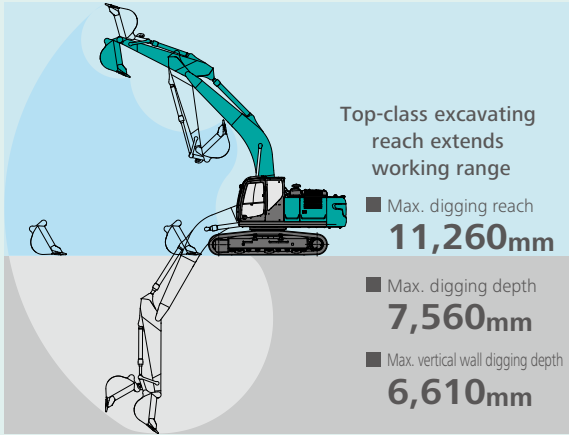
Normal: **163kN**

With power boost: **180kN**

\*Values are for STD arm (3.3m)



## Get More Done Faster with Superior Operability



\*Values are for STD arm (3.3m)

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

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



## Top Class Traveling Force

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

■ Drawbar Pulling Force: **333kN**



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



### Multi-Display in Color

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

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

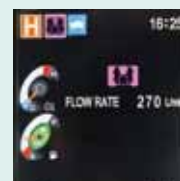
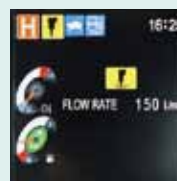
### One-Touch Attachment Mode Switch

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.

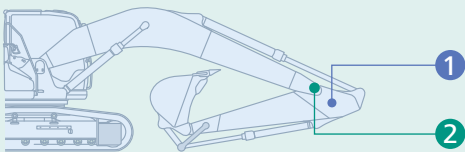


|             | ACTUAL | TIME | EXPIRES |
|-------------|--------|------|---------|
| ENGINE OIL  | 250    | 248  | 187     |
| FUEL FILTER | 500    | 498  | 187     |
| HYD. FILTER | 1000   | 998  | 187     |
| HYD. OIL    | 2000   | 1998 | 187     |

Maintenance



# Increased Power, with Enhanced Durability to Maintain the Machine's Value



## Built to Operate in Tough Working Environments

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

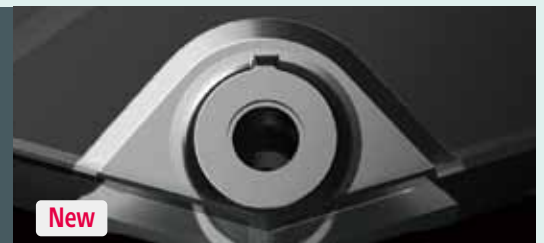
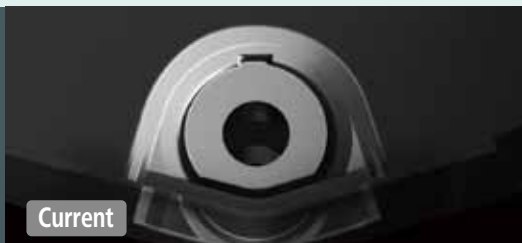
### 1 Enlarged Reinforcement of the Arm Foot

HD: Base plate thickness has been increased.



### 2 Modified Foot Boss Shape

The arm foot boss shape has been modified and improved to distribute stress, delivering more strength for tasks like digging next to a wall.





Increase in  
productivity  
means  
"Power"

Structural design increases strength,  
while eliminating hydraulic problems.  
Enhanced durability takes  
productivity to a new level.



## Improved Filtration System Reliability

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

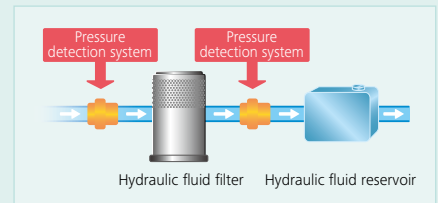
### Hydraulic Fluid Filter NEW

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



### Hydraulic Fluid Filter Clog Detector NEW

Hydraulic tank pressure sensor monitors the pressure difference between the return line and tank inside pressure to determine the degree of clogging. If the difference exceeds a predetermined level, a warning appears on the multi-display, so any contamination can be trapped by the filter and replaced before it reaches the hydraulic fluid in the tank.



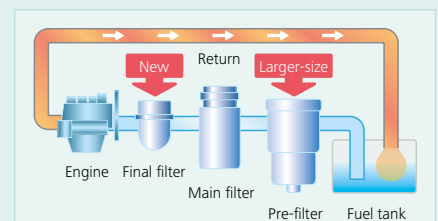
### Metal Mesh Cover NEW Air Cleaner

Metal mesh cover ensures strength and durability.



### Fuel Filter

The pre-filter with built-in water separator has 1.8 times more filter area compared to the previous models and with a new final stage maintenance free fuel filter to maximize filtering performance.



# 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.



## Comfort

### Super-Airtight Cab



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

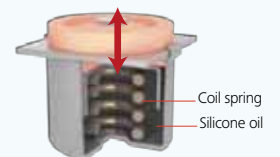
### Quiet Inside

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



### 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 NEW



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



## 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.

## Interior Equipment Adds to Comfort and Convenience



Spacious storage tray



Large cup holder

## Safety

### ROPS Cab

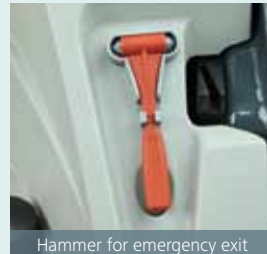
ROPS (Roll-Over-Protective Structure)-compliant cab clears ISO standards (ISO-12117-2: 2008) and ensures greater safety for the operator should the machine tip over.



### Expanded Field of View for Greater Safety

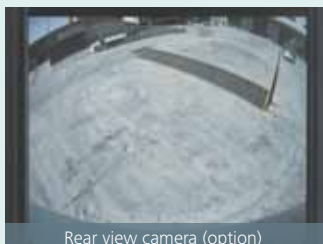


Rearview mirrors left and right



Hammer for emergency exit

Greater safety assured by rearview mirrors on left and right.



Rear view camera (option)



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

# KOMEXS

## KOBELCO MONITORING EXCAVATOR SYSTEM



### 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.

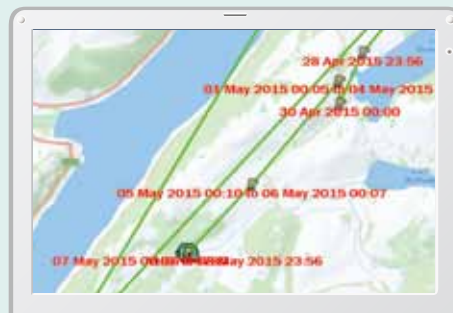
## Direct Access to Operational Status

### Location Data

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



Latest location



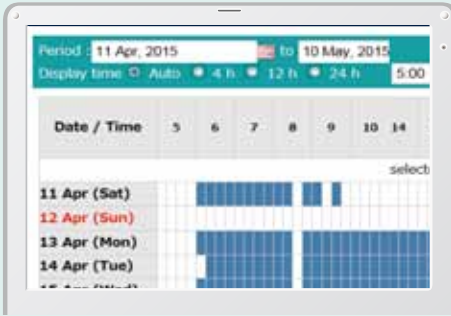
Location records

| Type of Operation | Working Hrs | Ratio |
|-------------------|-------------|-------|
| Total Working Hrs | 169 Hrs     | 100 % |
| Digging Hrs       | 72.2 Hrs    | 43 %  |
| Traveling Hrs     | 18.3 Hrs    | 11 %  |
| Idle Hrs          | 15.9 Hrs    | 9 %   |
| Opt Att Hrs       | 62.5 Hrs    | 37 %  |
| Crane Mode Hrs    | 0 Hrs       | 0 %   |

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

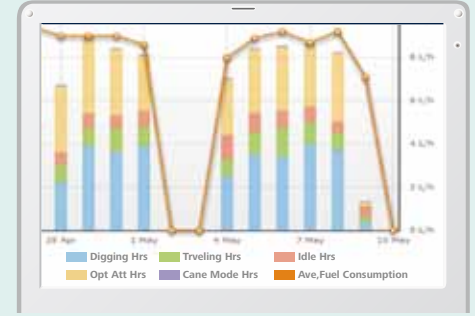
- Data on fuel consumption and idling times can be used to indicate improvements in fuel consumption.

| 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, traveling and optional operations.



Work status

## Maintenance Data and Warning Alerts

### Machine Maintenance Data

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

| Model                | Serial No. | Hour Meter | Engine Oil |
|----------------------|------------|------------|------------|
| SK135RCLC-3/SK140SRL | YH07-09221 | 734 Hr     | 434        |
| SK135RCLC-3/SK140SRL | YH07-09789 | 73 Hr      | 429        |
| SK210LC-9            | Y013-10454 | 960 Hr     | 58         |
| SK210LC-9            | Y013-10481 | 549 Hr     | 498        |
| SK75SR-              | YF08-30374 |            |            |

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.



Messages displayed when the machine returns to the set area.

### Daily/Monthly Reports

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

## Security System

### Engine Start Alarm

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

Engine start alarm outside prescribed work time

### Area Alarm

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

Alarm for outside of reset area



## Easy, On-the-Spot Maintenance NEW

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



Generous space for maintenance work



Step/Hand rail



Double-element air cleaner

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

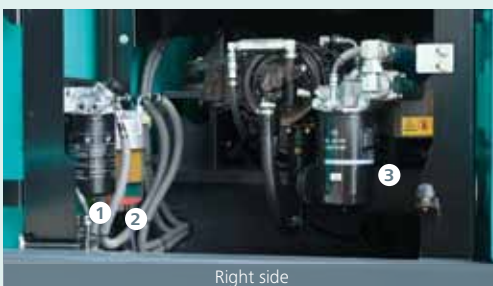
The layout allows for easy access from the ground for many daily checks and regular maintenance tasks.



Fuel filter with built-in water-separator



Fuel filter



Right side



Left side

- ① Fuel filter
- ② Fuel filter with built-in water-separator
- ③ Engine oil filter

Simple layout for easy access to radiator and cooling system elements.

# Efficient Maintenance Keeps the Machine in Peak Operating Condition.



## Machine Information Display Function

Examples of displaying maintenance information

- 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

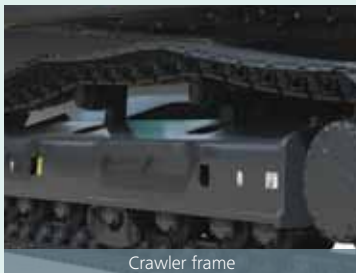
## More Efficient Maintenance Inside the Cab



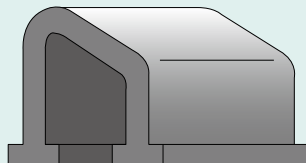
Air conditioner filters

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

## Easy Cleaning



Crawler frame

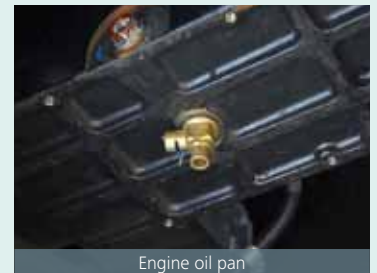


Special crawler frame design for easy mud removal cleaning.



Detachable two-piece floor mat

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



Engine oil pan

Engine oil pan equipped with drain valve.

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.





## Engine

| Model              | HINO J08EUN  |
|--------------------|--|
| Type               | Four-stroke liquid-cooled direct injection diesel turbo charged with intercooler |
| No. of cylinders   | 6  |
| Bore and stroke    | 112 mm X 130 mm  |
| Displacement       | 7.684 L  |
| Rated power output | 188 kW/2,100 min <sup>-1</sup> (ISO 9249)  |
|                    | 200 kW/2,100 min <sup>-1</sup> (ISO 14396)                                       |
| Max. torque        | 969 N•m/1,600 min <sup>-1</sup> (ISO 9249)                                       |
|                    | 998 N•m/1,600 min <sup>-1</sup> (ISO 14396)                                      |



## Hydraulic System

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



## Swing System

|                         |  |
|-------------------------|--|
| Swing motor             | Axial-piston motor   |
| Brake                   | Hydraulic; locking automatically when the swing control lever is in neutral position |
| Parking brake           | Wet multiple plate   |
| Swing speed             | 10 min <sup>-1</sup> {rpm}   |
| Tail swing radius       | 3,600 mm   |
| Min. front swing radius | 4,310 mm   |



## Attachments

Backhoe bucket and arm combination

| Use                 | Backhoe bucket            |                |       |
|---------------------|---------------------------|----------------|-------|
|                     |                           | Normal digging |       |
| Bucket capacity     | ISO heaped m <sup>3</sup> | 1.4            | 1.6   |
|                     | ISO Struck m <sup>3</sup> | 1.0            | 1.2   |
| Opening width       | With side cutters mm      | 1,420          | 1,600 |
|                     | Without side cutters mm   | 1,300          | 1,470 |
| No. of bucket teeth |                           | 5              | 5     |
| Bucket weight kg    |                           | 1,190          | 1,290 |
| Combinations        | 2.25 m super short arm    | ⊙              | ○     |
|                     | 2.60 m short arm          | ⊙              | ○     |
|                     | 3.30 m standard arm       | ⊙              | ○     |

⊙ Standard ○ Recommend



## Travel System

|                       |                                   |              |
|-----------------------|-----------------------------------|--------------|
| Travel motors         | Variable displacement piston pump |              |
| Travel brakes         | Hydraulic                         |              |
| Parking brakes        | Wet multiple plate                |              |
| Travel shoes          | SK330                             | 45 each side |
|                       | SK350LC                           | 48 each side |
| Travel speed          | 5.6/3.3 km/h                      |              |
| Drawbar pulling force | 333 kN (ISO 7464)                 |              |
| 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  | 140 mm x 1,550 mm |
| Arm cylinder    | 170 mm x 1,788 mm |
| Bucket cylinder | 150 mm x 1,193 mm |



## Refilling Capacities & Lubrications

|                       |                        |
|-----------------------|------------------------|
| Fuel tank             | 503 L                  |
| Cooling system        | 35 L                   |
| Engine oil            | 28.5 L                 |
| Travel reduction gear | 2 x 8.0 L              |
| Swing reduction gear  | 7 L                    |
| Hydraulic oil tank    | 245 L tank oil level   |
|                       | 410 L hydraulic system |





## Working Ranges

Unit: m

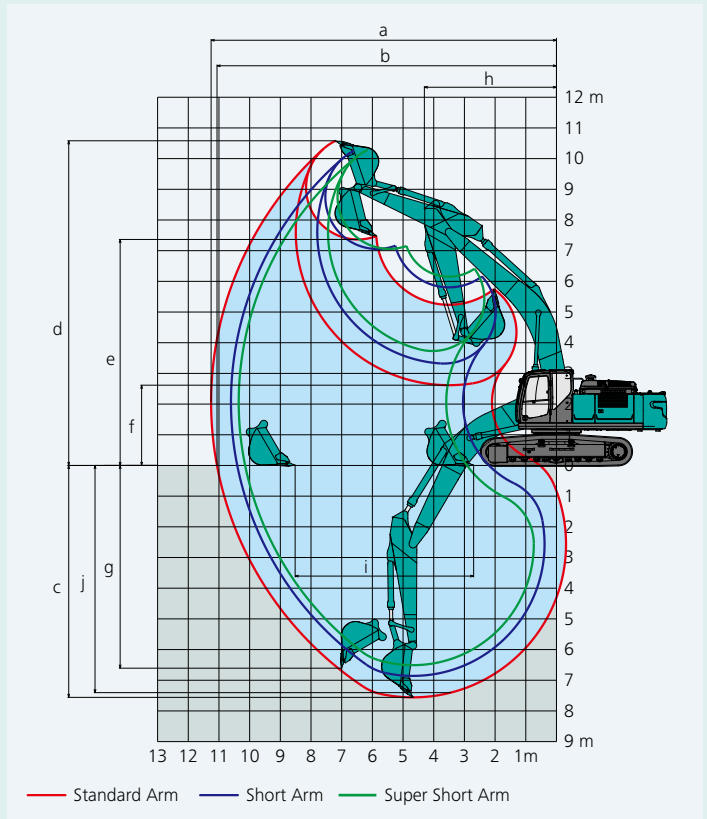
| Boom   | Arm | 6.50m                 |                |                   |
|--|-----|-----------------------|----------------|-------------------|
|  |     | Super short<br>2.25 m | Short<br>2.6 m | Standard<br>3.3 m |
| <b>Range</b>                                 |     |                       |                |                   |
| a- Max. digging reach                        |     | 10.36                 | 10.61          | 11.26             |
| b- Max. digging reach at ground level        |     | 10.15                 | 10.4           | 11.06             |
| c- Max. digging depth                        |     | 6.51                  | 6.86           | 7.56              |
| d- Max. digging height                       |     | 10.29                 | 10.26          | 10.58             |
| e- Max. dumping clearance                    |     | 7.06                  | 7.06           | 7.37              |
| f- Min. dumping clearance                    |     | 3.73                  | 3.32           | 2.62              |
| g- Max. vertical wall digging depth          |     | 4.33                  | 5.84           | 6.61              |
| h- Min. swing radius                         |     | 4.49                  | 4.46           | 4.31              |
| i- Horizontal digging stroke at ground level |     | 3.39                  | 4.21           | 5.82              |
| j- Digging depth for 2.4 m (8') flat bottom  |     | 6.31                  | 6.67           | 7.4               |
| Bucket capacity ISO heaped m <sup>3</sup>    |     | 1.6                   | 1.4            | 1.4               |

## Digging Force (ISO 6015)

Unit: kN

| Arm length           | Super short<br>2.25 m | Short<br>2.6 m | Standard<br>3.3 m |
|----------------------|-----------------------|----------------|-------------------|
| Bucket digging force | 220<br>242*           | 222<br>244*    | 222<br>244*       |
| Arm crowding force   | 232<br>255*           | 205<br>225*    | 163<br>180*       |

\*Power Boost engaged.



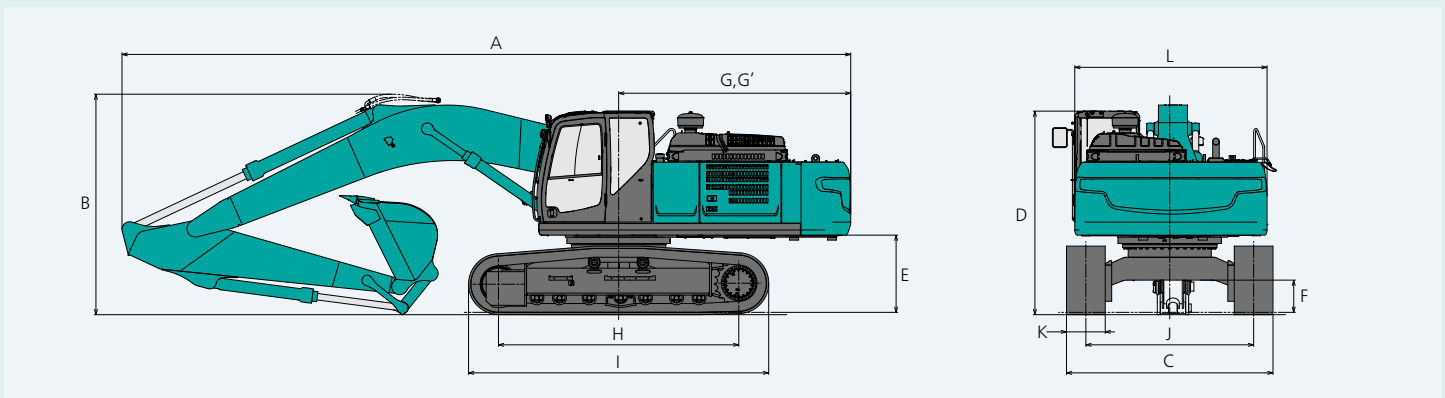
## Dimensions

| Arm length                        | Super short<br>2.25 m | Short<br>2.6 m | Standard<br>3.3 m |
|-----------------------------------|-----------------------|----------------|-------------------|
| A Overall length                  | 11,510                | 11,380         | 11,300            |
| B Overall height (to top of boom) | 3,760                 | 3,690          | 3,430             |
| C Overall width                   |                       | 3,190          |                   |
| D Overall height (to top of cab)  |                       | 3,150          |                   |
| E Ground clearance of rear end*   |                       | 1,200          |                   |
| F Ground clearance*               |                       | 500            |                   |
| G Tail swing radius               |                       | 3,600          |                   |

Unit: mm

|    |   |         |       |
|----|---|---------|-------|
| G' | Distance from center of swing to rear end | 3,600   |       |
| H  | Tumbler distance                          | SK330   | 3,720 |
|    |   | SK350LC | 4,050 |
| I  | Overall length of crawler                 | SK330   | 4,650 |
|    |   | SK350LC | 4,960 |
| J  | Track gauge                               | 2,590   |       |
| K  | Shoe width                                | 600     |       |
| L  | Overall width of upperstructure           | 2,980   |       |

\*Without including height of shoe

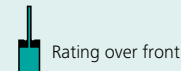
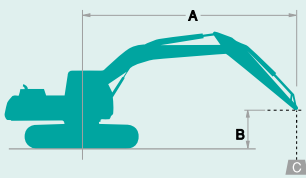


## Operating Weight & Ground Pressure

In standard trim, with standard boom, 3.3 m arm, and 1.4 m<sup>3</sup> ISO heaped bucket

| Shaped           | Triple grouser shoes (even height) |         |        |        |        |
|------------------|------------------------------------|---------|--------|--------|--------|
|                  | mm                                 | 600     | 700    | 800    |        |
| Shoe width       | mm                                 | 600     | 700    | 800    |        |
| Overall width    | mm                                 | 3,190   | 3,290  | 3,390  |        |
| Ground pressure  | kPa                                | SK330   | 70     | 61     | 54     |
|                  |                                    | SK350LC | 66     | 58     | 51     |
| Operating weight | kg                                 | SK330   | 34,700 | 35,500 | 35,900 |
|                  |                                    | SK350LC | 35,400 | 36,200 | 36,600 |

# Lifting 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: Lifting capacities in Kilograms  
 Bucket: Without bucket  
 Relief valve setting: 34.3 MPa (350 kgf/cm<sup>2</sup>)

| SK330  |    | Super Short Arm: 2.25 m Bucket: Without Shoe: 800 mm Counterweight: 7,890 kg |         |         |         |         |        |        |       |               |        |        |
|--------|----|--|---------|---------|---------|---------|--------|--------|-------|---------------|--------|--------|
| A      |    | 3.0 m  |         | 4.5 m   |         | 6.0 m   |        | 7.5 m  |       | At Max. Reach |        |        |
| B      |    |  |         |         |         |         |        |        |       |               |        | Radius |
| 7.5 m  | kg |  |         |         |         | *8,450  | *8,450 |        |       | *8,400        | *8,400 | 6.73 m |
| 6.0 m  | kg |  |         |         |         | *8,800  | *8,800 | *8,090 | 7,280 | *8,080        | 6,920  | 7.71 m |
| 4.5 m  | kg |  |         |         |         | *9,720  | *9,720 | *8,350 | 7,070 | *8,000        | 6,000  | 8.31 m |
| 3.0 m  | kg |  |         |         |         | *10,800 | 9,230  | *8,830 | 6,780 | 7,800         | 5,540  | 8.61 m |
| 1.5 m  | kg |  |         |         |         | *11,590 | 8,770  | *9,230 | 6,520 | 7,630         | 5,390  | 8.64 m |
| G.L.   | kg |  |         |         |         | *11,810 | 8,540  | 9,150  | 6,380 | 7,870         | 5,540  | 8.40 m |
| -1.5 m | kg |  |         | *14,640 | 12,950  | *11,370 | 8,520  | *8,890 | 6,390 | *8,260        | 6,050  | 7.87 m |
| -3.0 m | kg | *15,420  | *15,420 | *12,790 | *12,790 | *10,010 | 8,720  |        |       | *8,110        | 7,220  | 6.98 m |
| -4.5 m | kg |  |         | *9,290  | *9,290  |         |        |        |       | *7,170        | *7,170 | 5.56 m |

| SK330  |    | Short Arm: 2.60 m Bucket: Without Shoe: 800 mm Counterweight: 7,890 kg |         |         |         |         |        |        |       |               |        |        |
|--------|----|--|---------|---------|---------|---------|--------|--------|-------|---------------|--------|--------|
| A      |    | 3.0 m  |         | 4.5 m   |         | 6.0 m   |        | 7.5 m  |       | At Max. Reach |        |        |
| B      |    |  |         |         |         |         |        |        |       |               |        | Radius |
| 7.5 m  | kg |  |         |         |         |         |        |        |       | *7,790        | *7,790 | 7.06 m |
| 6.0 m  | kg |  |         |         |         | *8,330  | *8,330 | *7,630 | 7,300 | *7,570        | 6,520  | 8.00 m |
| 4.5 m  | kg |  |         | *11,970 | *11,970 | *9,290  | *9,290 | *7,990 | 7,060 | *7,530        | 5,680  | 8.58 m |
| 3.0 m  | kg |  |         |         |         | *10,420 | 9,260  | *8,530 | 6,750 | 7,410         | 5,250  | 8.87 m |
| 1.5 m  | kg |  |         |         |         | *11,320 | 8,750  | *9,010 | 6,470 | 7,240         | 5,100  | 8.89 m |
| G.L.   | kg |  |         | *15,750 | 12,710  | *11,680 | 8,470  | *9,070 | 6,290 | 7,440         | 5,210  | 8.66 m |
| -1.5 m | kg |  |         | *14,930 | 12,760  | *11,410 | 8,400  | *8,960 | 6,250 | *8,000        | 5,650  | 8.15 m |
| -3.0 m | kg | *16,830  | *16,830 | *13,300 | 13,000  | *10,320 | 8,540  |        |       | *8,000        | 6,650  | 7.29 m |
| -4.5 m | kg | *12,690  | *12,690 | *10,270 | *10,270 |         |        |        |       | *7,500        | *7,500 | 5.95 m |

| SK330  |    | Standard Arm: 3.30 m Bucket: Without Shoe: 600 mm Counterweight: 7,890 kg |         |         |         |         |         |         |        |        |        |        |       |               |        |        |
|--------|----|---|---------|---------|---------|---------|---------|---------|--------|--------|--------|--------|-------|---------------|--------|--------|
| A      |    | 1.5 m   |         | 3.0 m   |         | 4.5 m   |         | 6.0 m   |        | 7.5 m  |        | 9.0 m  |       | At Max. Reach |        |        |
| B      |    |   |         |         |         |         |         |         |        |        |        |        |       | Radius        |        |        |
| 9.0 m  | kg |   |         |         |         |         |         |         |        |        |        |        |       | *5,750        | *5,750 | 6.56 m |
| 7.5 m  | kg |   |         |         |         |         |         |         |        | *6,910 | *6,910 |        |       | *5,260        | *5,260 | 7.86 m |
| 6.0 m  | kg |   |         |         |         |         |         |         |        | *7,010 | *7,010 |        |       | *5,080        | *5,080 | 8.71 m |
| 4.5 m  | kg |   |         |         |         |         |         | *8,610  | *8,610 | *7,490 | 7,050  | *6,910 | 5,220 | *5,080        | 4,970  | 9.25 m |
| 3.0 m  | kg |   |         |         |         | *13,360 | *13,360 | *9,860  | 9,290  | *8,140 | 6,700  | 7,120  | 5,070 | *5,250        | 4,620  | 9.52 m |
| 1.5 m  | kg |   |         |         |         | *15,280 | 12,950  | *10,960 | 8,700  | *8,750 | 6,380  | 6,950  | 4,900 | *5,580        | 4,490  | 9.54 m |
| G.L.   | kg |   |         |         |         | *15,930 | 12,470  | *11,600 | 8,320  | 8,840  | 6,150  | 6,820  | 4,790 | *6,150        | 4,560  | 9.33 m |
| -1.5 m | kg |   |         | *13,950 | *13,950 | *15,590 | 12,370  | *11,640 | 8,160  | 8,720  | 6,040  |        |       | 6,950         | 4,870  | 8.85 m |
| -3.0 m | kg | *15,880   | *15,880 | *19,570 | *19,570 | *14,400 | 12,500  | *10,970 | 8,200  | *8,490 | 6,080  |        |       | *7,560        | 5,560  | 8.07 m |
| -4.5 m | kg |   |         | *15,910 | *15,910 | *12,080 | *12,080 | *9,170  | 8,460  |        |        |        |       | *7,450        | 7,080  | 6.88 m |

| SK330  |    | Standard Arm: 3.30 m Bucket: Without Shoe: 800 mm Counterweight: 7,890 kg |         |         |         |         |         |         |        |        |        |        |       |               |        |        |
|--------|----|---|---------|---------|---------|---------|---------|---------|--------|--------|--------|--------|-------|---------------|--------|--------|
| A      |    | 1.5 m   |         | 3.0 m   |         | 4.5 m   |         | 6.0 m   |        | 7.5 m  |        | 9.0 m  |       | At Max. Reach |        |        |
| B      |    |   |         |         |         |         |         |         |        |        |        |        |       | Radius        |        |        |
| 9.0 m  | kg |   |         |         |         |         |         |         |        |        |        |        |       | *5,750        | *5,750 | 6.56 m |
| 7.5 m  | kg |   |         |         |         |         |         |         |        | *6,910 | *6,910 |        |       | *5,260        | *5,260 | 7.86 m |
| 6.0 m  | kg |   |         |         |         |         |         |         |        | *7,010 | *7,010 |        |       | *5,080        | *5,080 | 8.71 m |
| 4.5 m  | kg |   |         |         |         |         |         | *8,610  | *8,610 | *7,490 | 7,240  | *6,910 | 5,380 | *5,080        | *5,080 | 9.25 m |
| 3.0 m  | kg |   |         |         |         | *13,360 | *13,360 | *9,860  | 9,550  | *8,140 | 6,900  | *7,170 | 5,230 | *5,250        | 4,770  | 9.52 m |
| 1.5 m  | kg |   |         |         |         | *15,280 | 13,340  | *10,960 | 8,960  | *8,750 | 6,580  | 7,180  | 5,060 | *5,580        | 4,640  | 9.54 m |
| G.L.   | kg |   |         |         |         | *15,930 | 12,860  | *11,600 | 8,590  | 9,130  | 6,340  | 7,050  | 4,950 | *6,150        | 4,710  | 9.33 m |
| -1.5 m | kg |   |         | *13,950 | *13,950 | *15,590 | 12,760  | *11,640 | 8,430  | 9,010  | 6,230  |        |       | *7,100        | 5,030  | 8.85 m |
| -3.0 m | kg | *15,880   | *15,880 | *19,570 | *19,570 | *14,400 | 12,890  | *10,970 | 8,460  | *8,490 | 6,280  |        |       | *7,560        | 5,740  | 8.07 m |
| -4.5 m | kg |   |         | *15,910 | *15,910 | *12,080 | *12,080 | *9,170  | 8,720  |        |        |        |       | *7,450        | 7,300  | 6.88 m |

- Notes:**
- Do not attempt to lift or hold any load that is greater than these lifting capacities at their specified lift point radius and heights. Weight of all accessories must be deducted from the above lifting capacities.
  - Lifting 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 pin is defined as lift point.
  - The above lifting capacities are in compliance with ISO 10567. They do not exceed 87% of hydraulic lifting capacity or 75% of tipping load. Lifting 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.
  - Lifting capacities apply to only machine as originally manufactured and normally equipped by KOBELCO CONSTRUCTION MACHINERY CO., LTD.

| SK350LC |    | Super Short Arm: 2.25 m Bucket: Without Shoe: 800 mm Counterweight: 7,890 kg |         |         |         |         |        |        |       |               |        |        |
|---------|----|--|---------|---------|---------|---------|--------|--------|-------|---------------|--------|--------|
| B \ A   |    | 3.0 m  |         | 4.5 m   |         | 6.0 m   |        | 7.5 m  |       | At Max. Reach |        | Radius |
|         |    |  |         |         |         |         |        |        |       |               |        |        |
| 7.5 m   | kg |  |         |         |         | *8,450  | *8,450 |        |       | *8,400        | *8,400 | 6.73 m |
| 6.0 m   | kg |  |         |         |         | *8,800  | *8,800 | *8,090 | 7,410 | *8,080        | 7,040  | 7.71 m |
| 4.5 m   | kg |  |         |         |         | *9,720  | *9,720 | *8,350 | 7,200 | *8,000        | 6,110  | 8.31 m |
| 3.0 m   | kg |  |         |         |         | *10,800 | 9,390  | *8,830 | 6,910 | *8,020        | 5,650  | 8.61 m |
| 1.5 m   | kg |  |         |         |         | *11,590 | 8,930  | *9,230 | 6,650 | *8,110        | 5,500  | 8.64 m |
| G.L.    | kg |  |         |         |         | *11,810 | 8,710  | *9,350 | 6,500 | *8,210        | 5,650  | 8.40 m |
| -1.5 m  | kg |  |         | *14,640 | 13,200  | *11,370 | 8,690  | *8,890 | 6,520 | *8,260        | 6,160  | 7.87 m |
| -3.0 m  | kg | *15,420  | *15,420 | *12,790 | *12,790 | *10,010 | 8,880  |        |       | *8,110        | 7,360  | 6.98 m |
| -4.5 m  | kg |  |         | *9,290  | *9,290  |         |        |        |       | *7,170        | *7,170 | 5.56 m |

| SK350LC |    | Short Arm: 2.60 m Bucket: Without Shoe: 800 mm Counterweight: 7,890 kg |         |         |         |         |        |        |       |               |        |        |
|---------|----|--|---------|---------|---------|---------|--------|--------|-------|---------------|--------|--------|
| B \ A   |    | 3.0 m  |         | 4.5 m   |         | 6.0 m   |        | 7.5 m  |       | At Max. Reach |        | Radius |
|         |    |  |         |         |         |         |        |        |       |               |        |        |
| 7.5 m   | kg |  |         |         |         |         |        |        |       | *7,790        | *7,790 | 7.06 m |
| 6.0 m   | kg |  |         |         |         | *8,330  | *8,330 | *7,630 | 7,430 | *7,570        | 6,640  | 8.00 m |
| 4.5 m   | kg |  |         | *11,970 | *11,970 | *9,290  | *9,290 | *7,990 | 7,190 | *7,530        | 5,790  | 8.58 m |
| 3.0 m   | kg |  |         |         |         | *10,420 | 9,420  | *8,530 | 6,880 | *7,590        | 5,350  | 8.87 m |
| 1.5 m   | kg |  |         |         |         | *11,320 | 8,910  | *9,010 | 6,590 | *7,710        | 5,200  | 8.89 m |
| G.L.    | kg |  |         | *15,750 | 12,960  | *11,680 | 8,630  | *9,220 | 6,410 | *7,870        | 5,320  | 8.66 m |
| -1.5 m  | kg |  |         | *14,930 | 13,010  | *11,410 | 8,570  | *8,960 | 6,380 | *8,000        | 5,760  | 8.15 m |
| -3.0 m  | kg | *16,830  | *16,830 | *13,300 | 13,250  | *10,320 | 8,710  |        |       | *8,000        | 6,780  | 7.29 m |
| -4.5 m  | kg | *12,690  | *12,690 | *10,270 | *10,270 |         |        |        |       | *7,500        | *7,500 | 5.95 m |

| SK350LC |    | Standard Arm: 3.30 m Bucket: Without Shoe: 600 mm Counterweight: 7,890 kg |         |         |         |         |         |         |        |        |        |        |       |               |        |        |
|---------|----|---|---------|---------|---------|---------|---------|---------|--------|--------|--------|--------|-------|---------------|--------|--------|
| B \ A   |    | 1.5 m   |         | 3.0 m   |         | 4.5 m   |         | 6.0 m   |        | 7.5 m  |        | 9.0 m  |       | At Max. Reach |        | Radius |
|         |    |   |         |         |         |         |         |         |        |        |        |        |       |               |        |        |
| 9.0 m   | kg |   |         |         |         |         |         |         |        |        |        |        |       | *5,750        | *5,750 | 6.56 m |
| 7.5 m   | kg |   |         |         |         |         |         |         |        | *6,910 | *6,910 |        |       | *5,260        | *5,260 | 7.86 m |
| 6.0 m   | kg |   |         |         |         |         |         |         |        | *7,010 | *7,010 |        |       | *5,080        | *5,080 | 8.71 m |
| 4.5 m   | kg |   |         |         |         |         |         | *8,610  | *8,610 | *7,490 | 7,160  | *6,910 | 5,310 | *5,080        | 5,060  | 9.25 m |
| 3.0 m   | kg |   |         |         |         | *13,360 | *13,360 | *9,860  | 9,440  | *8,140 | 6,820  | *7,170 | 5,160 | *5,250        | 4,700  | 9.52 m |
| 1.5 m   | kg |   |         |         |         | *15,280 | 13,170  | *10,960 | 8,850  | *8,750 | 6,490  | *7,450 | 4,990 | *5,580        | 4,570  | 9.54 m |
| G.L.    | kg |   |         |         |         | *15,930 | 12,690  | *11,600 | 8,470  | *9,150 | 6,260  | *7,570 | 4,880 | *6,150        | 4,640  | 9.33 m |
| -1.5 m  | kg |   |         | *13,950 | *13,950 | *15,590 | 12,590  | *11,640 | 8,310  | *9,150 | 6,150  |        |       | *7,100        | 4,960  | 8.85 m |
| -3.0 m  | kg | *15,880   | *15,880 | *19,570 | *19,570 | *14,400 | 12,720  | *10,970 | 8,350  | *8,490 | 6,200  |        |       | *7,560        | 5,660  | 8.07 m |
| -4.5 m  | kg |   |         | *15,910 | *15,910 | *12,080 | *12,080 | *9,170  | 8,610  |        |        |        |       | *7,450        | 7,210  | 6.88 m |

| SK350LC |    | Standard Arm: 3.30 m Bucket: Without Shoe: 800 mm Counterweight: 7,890 kg |         |         |         |         |         |         |        |        |        |        |       |               |        |        |
|---------|----|---|---------|---------|---------|---------|---------|---------|--------|--------|--------|--------|-------|---------------|--------|--------|
| B \ A   |    | 1.5 m   |         | 3.0 m   |         | 4.5 m   |         | 6.0 m   |        | 7.5 m  |        | 9.0 m  |       | At Max. Reach |        | Radius |
|         |    |   |         |         |         |         |         |         |        |        |        |        |       |               |        |        |
| 9.0 m   | kg |   |         |         |         |         |         |         |        |        |        |        |       | *5,750        | *5,750 | 6.56 m |
| 7.5 m   | kg |   |         |         |         |         |         |         |        | *6,910 | *6,910 |        |       | *5,260        | *5,260 | 7.86 m |
| 6.0 m   | kg |   |         |         |         |         |         |         |        | *7,010 | *7,010 |        |       | *5,080        | *5,080 | 8.71 m |
| 4.5 m   | kg |   |         |         |         |         |         | *8,610  | *8,610 | *7,490 | 7,370  | *6,910 | 5,480 | *5,080        | *5,080 | 9.25 m |
| 3.0 m   | kg |   |         |         |         | *13,360 | *13,360 | *9,860  | 9,720  | *8,140 | 7,030  | *7,170 | 5,330 | *5,250        | 4,860  | 9.52 m |
| 1.5 m   | kg |   |         |         |         | *15,280 | 13,590  | *10,960 | 9,130  | *8,750 | 6,710  | *7,450 | 5,160 | *5,580        | 4,730  | 9.54 m |
| G.L.    | kg |   |         |         |         | *15,930 | 13,110  | *11,600 | 8,750  | *9,150 | 6,470  | *7,570 | 5,050 | *6,150        | 4,810  | 9.33 m |
| -1.5 m  | kg |   |         | *13,950 | *13,950 | *15,590 | 13,000  | *11,640 | 8,590  | *9,150 | 6,360  |        |       | *7,100        | 5,130  | 8.85 m |
| -3.0 m  | kg | *15,880   | *15,880 | *19,570 | *19,570 | *14,400 | 13,140  | *10,970 | 8,630  | *8,490 | 6,410  |        |       | *7,560        | 5,860  | 8.07 m |
| -4.5 m  | kg |   |         | *15,910 | *15,910 | *12,080 | *12,080 | *9,170  | 8,890  |        |        |        |       | *7,450        | 7,440  | 6.88 m |

## STANDARD EQUIPMENT

### ENGINE

- Engine, HINO J08EUN, diesel engine with turbocharger and intercooler
- Automatic engine deceleration
- Auto Idle Stop (AIS)
- Batteries (2 x 12V - 96Ah)
- Starting motor (24V - 5 kW), 60 amp alternator
- Automatic engine shut-down
- Engine oil pan drain cock
- Double element air cleaner

### CONTROL

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

### SWING SYSTEM & TRAVEL SYSTEM

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

### HYDRAULIC

- Boom regeneration system
- Auto warm up system
- Aluminum hydraulic oil cooler
- Arm interflow system
- Hydraulic fluid filter clog detector

### MIRRORS & LIGHTS

- Two rear view mirrors
- Five front working lights (Two for boom, one for boom cylinder, 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
- Headrest
- Handrails
- Intermittent windshield wiper with double-spray washer
- Skylight
- Tinted safety glass
- Pull-up type front window and removable lower front window
- Easy-to-read multi-display color monitor
- Automatic air conditioner
- Emergency escape hammer
- KOMEXS
- Suspension seat

## OPTIONAL EQUIPMENT

- Additional track guide
- N & B piping
- Refilling pump
- Rear view camera
- Cab guard
- Two cab lights

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

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

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