### SK350LC-9 SK350NLC-9

KOBELCO

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#### STANDARD EQUIPMENT

#### ENGINE

- Engine, HINO J08E-UV, diesel engine with turbocharger and intercooler
- Automatic engine deceleration
- Batteries (2 x 12V 120Ah)
- Starting motor (24V 5kW), 60 amp alternator
- Automatic engine shut-down for low engine oil pressure
- Engine oil pan drain cock
- Double element air cleaner
- CONTROL
- Working mode selector (H-mode, S-mode and ECO-mode)
- Power Boost
- Heavy lift
- 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
- Auto warm up system
- Aluminum hydraulic oil cooler MIRRORS & LIGHTS
- MIRRORS & LIGHTS
- Three rearview mirrors
   Three front working lights
- I nree front working lights

#### **CAB & CONTROL**

- Two control levers, pilot-operated
- Tow eves
- Horn, electric
- Integrated left-right slide-type control box
- Cab light (interior)
- Luggage tray
- Large cup holder
- Detachable two-piece floor mat
- Retractable seatbelt
- Headrest
- Handrails
- Intermittent windshield wiper with double-spray washer
- Skylight
- Tinted safety glass
- Pull-type front window and removable lower front window
- Easy-to-read multi-display color monitor
- Automatic air conditioner
- Emergency escape hammer
- Suspension seat
- Radio. AM/FM stereo speaker
- TOP guard

- **OPTIONAL EQUIPMENT**
- Wide range of buckets
- Various optional arms
- Wide range of shoes
- Object Handling Kit (boom and arm safety valve + hook)
- Additional hydraulic circuit
- Two cab lights
- Air suspension seat
- Rain visor (may interfere with bucket action)

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. 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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#### SK350LC-9/SK350NLC-9



Achieving a Low-Carbon Societ

## EVER IMPROVING FUEL ECONOMY

KOBELCO savings on fuel just keep getting better. The "Three E's" concept that gave birth to the SK series (Enhancement, Economy, Environment) has been further refined to clear the latest exhaust gas regulations, minimize fuel consumption to incredible new lows, and create a new breed of hydraulic excavator on the cutting edge of performance. The SK350LC/SK350NLC meets increasingly stringent environmental requirements while delivering revolutionary, next-generation operation. To offset the cost of reducing the machine's environmental impact, we've cut running costs in quick response to modern needs. Through our ongoing crusade to cut fuel costs, we continue to create value for our customers, the KOBELCO way.

KOBELCO

**Pursuing The "Three E's"** 

#### Enhancement

•High productivity resulting from lower fuel costs •New environmental engine and energy-efficient hydraulic circuit improve fuel efficiency

#### Economy

New ECO mode greatly reduces fuel consumption
Low-maintenance design reduces operating costs
High structural durability and reliability boost machine resale value

#### Environment

•New design achieves low vibration and low noise levels (including improvements in sound quality)



### **Reducing Fuel Consumption while Boosting** Environmental Performance.

KOBELCO engineers are constantly seeking better fuel efficiency and cleaner exhaust emissions. To that end, they've combined a newly developed engine with KOBELCO's proprietary energy-efficient system. The result is a machine that opens new frontiers for environmentally responsible operation.

### New, Environmentally Friendly Engine



About **75% reduction** 

The new ECO mode provides a maximum of about a 25% reduction in fuel consumption.



Since the adoption of 2006 regulations, PM emissions have been reduced by about 88%, and NOx emissions by about 44%.

#### **Next-Generation Electronic Engine Control**

The new electronic-control common-rail engine features high-pressure fuel injection and multiple injection with improved precision. It is fitted with an EGR

Reduces nitrous oxides (created by reaction with oxygen at high

While ensuring sufficient oxygen for combustion, cooled emission gases are mixed with the air intake and re-circulated into the engine.

The lowered oxygen temperature lowers the combustion temperature

Water-cooled

EGR

Fxhaust

cooler, and DP filter which deliver high output from optimized combustion and greatly reduce PM and NOx emissions.

NOx emissions cut:

and increases combustion efficiency.

Air intake

temperature)

EGR Cooler



#### PM emissions cut:

Limits creation of particulate matter (which results from incomplete combustion of fuel)

#### Common Rail System

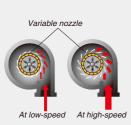
High-pressure injection atomizes the fuel, and injection timing is more precise, improving combustion efficiency.

#### ■VG Turbo

The variable-geometry turbocharger adjusts air intake to maximize combustion efficiency. At low engine speeds the nozzles are closed, the turbo speed increased and air intake is boosted. This helps lower fuel consumption.

#### Diesel Particular Filter (DPF)

Carbon builds up as soot on the diesel particulate filter and is burned off at high temperature. At low engine speeds the exhaust temperature is too low, and the common rail multiple injection system is ( then used to raise the temperature sufficiently to burn off the soot.



Platinum catalyze

\* Normally, re-circulation occurs automatically. Under certain circumstances, however, it must be done manually using a switch.

### **Energy-Efficient System**

#### ECO-mode

Work modes for a closer match to the job in hand. An addition to the existing H-mode and S-mode, the new ECO-mode saves even more energy.

#### H-mode

For heavy duty when a higher performance level is required. S-mode

For normal operations with lower fuel consumption.

#### ECO-mode

Puts priority on low fuel consumption and economic performance.

#### **Fuel Savings in Each Mode**

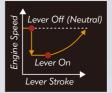
(Compared with previous models)





#### Automatic Acceleration/Deceleration Function **Reduces Engine Speed**

Engine speed is automatically reduced when the control lever is placed in neutral, effectively saving fuel and reducing noise and exhaust emissions. The engine quickly returns to full speed when the lever is moved out of neutral.



#### New Hydraulic System

Rigorous inspections for pressure loss are performed on all components of the hydraulic piping, from the spool of the control valve to the connectors. This regimen, combined with the use a new, high-efficiency pump, cuts energy loss to a minimum.





# Big Power, Little Fuel for Unbeatable Cost Performance.



Working Volume Per Unit Fuel (ECO mode, compared with S mode on previous machines) 23% increase

#### Max. Arm Crowding Force

| Normal:                           | <b>165</b> kN {16.8tf} |
|-----------------------------------|------------------------|
| With power boost:                 | <b>181</b> kN {18.5tf} |
| Max. Bucket Digging Force         |                        |
| Normal:                           | <b>222</b> kN {22.7tf} |
| With power boost:                 | <b>244</b> kN {24.9tf} |
| Fop-of-Class Working Ranges       |                        |
| Max. digging reach:               | 11,260                 |
| Max. digging depth:               | <b>7,560</b> mm        |
| Max. vertical wall digging depth: | 6,610mm                |





#### Powerful and Smooth Travel and Swing

Thanks to top-of-class travel torque, smooth travel is assured on slopes and uneven terrain, as well as when changing machine



direction. Powerful swing torque also ensures smooth swing acceleration and deceleration for more efficient performance.

#### Multi-Display Color Monitor for Easy Checking

An LCD multi-display color monitor is fitted as standard. Operations data as well as the full range of machine-status data can readily be checked.



#### **One-Touch Attachment Mode Switch**

A simple flick of a switch converts the hydraulic circuit and flow amount to match attachment changes. Icons help the operator to confirm the proper configuration at a glance.

### MAINTENANCE



AVERAGE 7.6 LA VIEWE



Fuel consumption

Rearview monitoring

4m





Crusher mode

Breaker mode



### Cab Design That Puts the Operator First



#### **Big Cab**

The big cab provides a roomy operating space with plenty of legroom, and the door opens wide for entry and exit. As well as giving a wide, open view to the front, the cab has increased window areas on both sides and to the rear, for improved visibility in all directions.



### 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.



#### Wide-Access Cab Aids Smooth Entry and Exit

Easy entry and exit assured with wider cab entry and safety lock lever integrated with mounting for control levers.



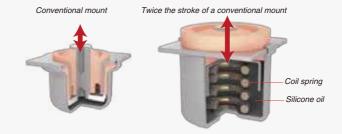
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#### Low Vibration

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.

Vibration control compared with previous models

- When traveling: about 30% reduction
- When digging: about **30%** to **50%** reduction



#### Safety

#### **ROPS** Cab

The newly developed, 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.





• Level 2 TOP Guard (FOPS Guard) (ISO 10262) is fitted as Standard.

- To fit vandalism guards, please contact your KOBELCO dealer (Mounting brackets for vandalism guards)
- Wiper is stored out of sight when not in use to maintain a clear view
- Greater safety assured by rearview mirrors on left and right, and a third mirror mounted at lower right



• Reinforced glass windows meet European standards



#### **Rear View Camera**

A rear view camera is installed as standard to simplify checking for safety behind the machine. The picture

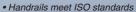


appears on the color monitor.

### Safety Features Take Various Scenarios into Consideration



Hammer for emergency exit



 Retractable seatbelt requires no manual adjustment



• Firewall separates the pump compartment from the engine

• Thermal guard prevents contact with hot components during engine inspections

### Fast, Accurate and Low-Cost Maintenance

### Monitor Display with Essential Information for Accurate Maintenance Checks



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
Record function of previous breakdowns including irregular and transient malfunction

|             | INTERVAL | REMANING | EXCHANGE<br>DAY |
|-------------|----------|----------|-----------------|
| ENGINE OIL  | 500      | 497      |                 |
| FUEL FILTER | 500      | 497      | //              |
| HYD. FILTER | 1000     | 997      |                 |
| HYD. OIL    | 5000     | 4997     |                 |

#### **Comfortable "On the Ground" Maintenance**

Most daily inspection and regular maintenance tasks can be easily implemented with ready access on the ground.



#### Double-element air cleaner

The large-capacity element features a double-filter structure that keeps the engine running clean even industy environments.

#### Pre-fuel filter (built-in water separator)



The large capacity fuel filter is designed specially for common rail engines. This high-grade filter catches 95% of all dust particles and other impurities in the fuel.





Engine oil filter Refueling pump

### Maintenance Carried Out on Top of the Machine Is Safety-Oriented

Three steps are provided for climbing the machine, with handrails that meet ISO standards, so that maintenance can be safely carried out on top of the machine.





Three steps



1 Ian

#### More Efficient Maintenance Inside the Cab



Easy-access fuse box More finely differentiated fuses make it easier to locate malfunctions.



#### Hour meter

Hour meter can be checked while standing on the ground.

#### **Easy Cleaning**



#### DPF reactivation switch

If the monitor warning goes off, the filter should be reactivated manually using a switch.



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



**Crawler frame** Special crawler frame design is easily cleaned of mud.



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





*Fuel tank Fuel tank equipped with bottom flange and large drain valve.* 

#### **Emergency Acceleration Feature**



In the unlikely event of an ITCS control system malfunction, the emergency acceleration feature enables the operator to control the engine directly. The machine's backup system automatically switches to emergency operation mode.

#### **Long-Interval Maintenance**

Long-life hydraulic oil reduces cost and labor.



#### **Highly Durable Super-fine Filter**

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





### **Specifications**

### Engine

| Model              | HINO J08E-UV                                                                 |
|--------------------|------------------------------------------------------------------------------|
| Туре               | Direct injection, water-cooled, 4-cycle enginewith turbocharger, intercooler |
| No. of cylinders   | 6                                                                            |
| Bore and stroke    | 112 mm x 130 mm                                                              |
| Displacement       | 7.684 L                                                                      |
| Rated power output | 201 kW/2,100 min <sup>-1</sup> (ISO 9249)                                    |
| naleu power oulput | 213 kW/2,100 min <sup>-1</sup> (ISO 14396)                                   |
| Max. torque        | 988 N·m/1,600 min <sup>-1</sup> (ISO 9249)                                   |
| Max. torque        | 1,017 N·m/1,600 min <sup>-1</sup> (ISO 14396)                                |

### Hydraulic System

| Pump                 |                                                    |  |  |  |  |
|----------------------|----------------------------------------------------|--|--|--|--|
| Туре                 | Two variable displacement pumps +<br>one gear pump |  |  |  |  |
| Max. discharge flow  | 2 x294 L/min, 1 x 20 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 valve   | 6-spool                                            |  |  |  |  |
| Oil cooler           | Air cooled type                                    |  |  |  |  |

### Swing System

| Swing motor             | Axial piston motor                                                                   |
|-------------------------|--------------------------------------------------------------------------------------|
| Brake                   | Hydraulic; locking automatically when the swing control lever is in neutral position |
| Parking brake           | Oil disc brake, hydraulic operated automatically                                     |
| Swing speed             | 9.7 min <sup>-1</sup> {rpm}                                                          |
| Tail swing radius       | 3,500 mm                                                                             |
| Min. front swing radius | 4,370 mm                                                                             |



| Travel motors         | 2 x axial-piston, two-step motors |
|-----------------------|-----------------------------------|
| Travel brakes         | Hydraulic brake per motor         |
| Parking brakes        | Oil disc brake per motor          |
| Travel shoes          | 48 each side                      |
| Travel speed          | 5.4/3.2 km/h                      |
| Drawbar pulling force | 321 kN (ISO 7464)                 |
| Gradeability          | 70 % {35°}                        |

### Cab & Control

All-weather, sound-suppressed steel cab mounted on the high suspension mounts filled with silicone oil and equipped with a heavy, insulated floor mat. Contro 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             | 580 L                  |
|-----------------------|------------------------|
| Cooling system        | 31.1 L                 |
| Engine oil            | 28.9 L                 |
| Travel reduction gear | 2 x 9.5 L              |
| Swing reduction gear  | 7.4 L                  |
| Hydraulic oil tank    | 245 L tank oil level   |
|                       | 413 L hydraulic system |



#### Backhoe bucket and combination

| Use                                  |                           | Backhoe bucket |             |                  |                  |  |  |  |
|--------------------------------------|---------------------------|----------------|-------------|------------------|------------------|--|--|--|
| 036                                  |                           |                | Light-duty  |                  |                  |  |  |  |
| Bucket capacity                      | ISO heaped m <sup>3</sup> | 1.2            | 1.4         | 1.6              | 1.8              |  |  |  |
| Struck                               | m <sup>3</sup>            | 0.84           | 1.0         | 1.2              | 1.4              |  |  |  |
| Oponing width                        | With side cutter mm       | 1,240          | 1,420       | 1,570            | —                |  |  |  |
| Opening width Without side cutter mm |                           | 1,110          | 1,300       | 1,450            | 1,680            |  |  |  |
| No. of teeth                         |                           | 4              | 5           | 5                | 5                |  |  |  |
| Bucket weight kg                     |                           | 930            | 1,070       | 1,100            | 1,200            |  |  |  |
|                                      | 2.6 m short arm           | 0              | 0           | 0                | $\bigtriangleup$ |  |  |  |
| Combination                          | 3.3 m standard arm        | 0              | O           | $\bigtriangleup$ | ×                |  |  |  |
|                                      | 4.15 m long arm           | 0              | $\triangle$ | X                | Х                |  |  |  |

O Standard  $\bigcirc$  Recommended  $\bigtriangleup$  Loading only  $\times$  Not recommended

## Working Ranges

|                                                                   |       |          | onne m |
|-------------------------------------------------------------------|-------|----------|--------|
| Boom                                                              |       | 6.5 m    |        |
| Arm                                                               | Short | Standard | Long   |
| Range                                                             | 2.6 m | 3.3 m    | 4.15 m |
| a-Max. digging reach                                              | 10.61 | 11.26    | 11.97  |
| b-Max. digging reach<br>at ground level                           | 10.4  | 11.06    | 11.79  |
| c- Max. digging depth                                             | 6.86  | 7.56     | 8.41   |
| d-Max. digging height                                             | 10.26 | 10.58    | 10.7   |
| e-Max. dumping clearance                                          | 7.06  | 7.37     | 7.53   |
| f- Min. dumping clearance                                         | 3.32  | 2.62     | 1.77   |
| g- Max. vertical wall<br>digging depth                            | 5.84  | 6.61     | 7.15   |
| h-Min. swing radius                                               | 4.45  | 4.37     | 4.43   |
| <ul> <li>Horizontal digging stroke<br/>at ground level</li> </ul> | 4.21  | 5.82     | 7.21   |
| j- Digging depth for 2.4 m (8')<br>flat bottom                    | 6.67  | 7.4      | 8.27   |
| Bucket capacity ISO heaped m <sup>3</sup>                         | 1.6   | 1.4      | 1.2    |
|                                                                   |       |          |        |

#### Digging Force (ISO 6015)

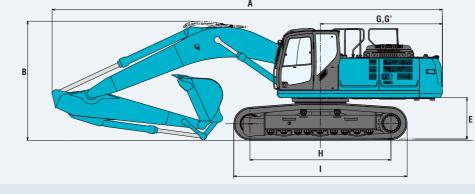
| Digging Force (ISO 6015) |       |          | Unit: kN |  |
|--------------------------|-------|----------|----------|--|
| Arm length               | Short | Standard | Long     |  |
|                          | 2.6 m | 3.3 m    | 4.15 m   |  |
| Bucket digging force     | 221   | 222      | 221      |  |
|                          | 244*  | 244*     | 243*     |  |
| Arm crowding force       | 205   | 165      | 140      |  |
|                          | 225*  | 181*     | 154*     |  |

#### \*Power Boost engaged.

Unit: m

### Dimensions

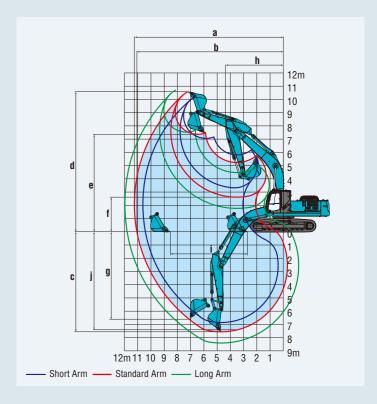
|                         |                                     |          |          |                                 |        |       |                                           |                           |          |                         | Unit: min   |
|-------------------------|-------------------------------------|----------|----------|---------------------------------|--------|-------|-------------------------------------------|---------------------------|----------|-------------------------|-------------|
| Arm length              |                                     | Short    | Standard | Long                            |        | G'    | Distance from center of swing to rear end |                           | 3,500    |                         |             |
|                         |                                     |          | 2.6 m    | 3.3 m                           | 4.15 m |       | н                                         | Tumbler distance          | SK350LC  | 4,050                   |             |
| A                       | Overall length                      |          | 11,290   | 11,200                          | 11,230 |       | п                                         |                           | SK350NLC | 4,050                   |             |
| В                       | Overall height (to top of boom)     |          | 3,690    | 3,420                           | 3,580  |       |                                           | Overall length of crawler | SK350LC  | 4,960                   |             |
| c                       | Overall width of crawler            | SK350LC  |          | 3,190                           |        |       | •                                         | Track gauge               | SK350NLC | 4,960                   |             |
| U                       | overall width of clawler            | SK350NLC |          | 2,990                           |        |       |                                           |                           | SK350LC  | 2,590                   |             |
| D                       | Overall height (to top of cab)      |          |          | 3,210                           |        |       |                                           | Hack yauge                | SK350NLC | 2,390                   |             |
| Ε                       | Ground clearance of rear end* 1,190 |          | 1,190    |                                 |        | K     | Shoe width                                |                           | 600      |                         |             |
| F Ground clearance* 500 |                                     |          | L        | Overall width of upperstructure |        | 2,980 |                                           |                           |          |                         |             |
| G                       | Tail swing radius                   |          |          | 3,500                           |        |       |                                           |                           |          | *Without including heig | ght of shoe |



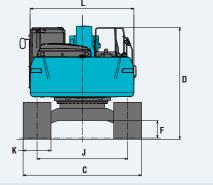
#### **Operating Weight & Ground Pressure**

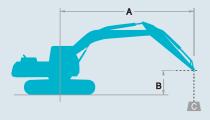
In standard trim, with standard boom, 3.3 m arm, and 1.4 m<sup>3</sup> ISO heaped bucket

| Shaped                   |          |     |        | Triple grouser shoes (even height) |        |  |  |  |  |  |  |
|--------------------------|----------|-----|--------|------------------------------------|--------|--|--|--|--|--|--|
| Shoe width               |          | mm  | 600    | 800                                | 900    |  |  |  |  |  |  |
| Overall width of crawler | SK350LC  | mm  | 3,190  | 3,390                              | 3,490  |  |  |  |  |  |  |
| Overall width of crawler | SK350NLC | mm  | 2,990  | _                                  | —      |  |  |  |  |  |  |
| Ground pressure          | SK350LC  | kPa | 67     | 51                                 | 47     |  |  |  |  |  |  |
| diounu pressure          | SK350NLC | kPa | 66     | _                                  | —      |  |  |  |  |  |  |
| Operating weight         | SK350LC  | kg  | 35,400 | 36,500                             | 36,900 |  |  |  |  |  |  |
| Operating weight         | SK350NLC | kg  | 35,200 |                                    |        |  |  |  |  |  |  |



|   | mit. |    |  |
|---|------|----|--|
| U | nit: | mm |  |





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: 37.8 MPa (385 kgf/cm<sup>2</sup>)

| SK350L0 | ;  | Boom: 6. | Boom: 6.5 m Arm: 3.3 m, Bucket: without Shoe: 600 mm |         |          |         |        |         |        |         |        |        |         |         |        |        |
|---------|----|----------|------------------------------------------------------|---------|----------|---------|--------|---------|--------|---------|--------|--------|---------|---------|--------|--------|
|         | А  | 1.5 m    |                                                      | 3.0 m   |          | 4.5     | m      | 6.0     | 6.0 m  |         | i m    | 9.0    | m       | At Max. | Reach  |        |
| В       |    |          | ₫                                                    |         | <b>-</b> | ł       | ₫-     | ł       | ₫—     | ł       | ₫-     | ł      | <b></b> | ł       | ₫-     | Radius |
| 9.0 m   | kg |          |                                                      |         |          |         |        |         |        |         |        |        |         | *6,370  | *6,370 | 6.56 m |
| 7.5 m   | kg |          |                                                      |         |          |         |        |         |        | *7,890  | *7,890 |        |         | *5,840  | *5,840 | 7.86 m |
| 6.0 m   | kg |          |                                                      |         |          |         |        |         |        | *8,010  | 7,820  |        |         | *5,650  | *5,650 | 8.71 m |
| 4.5 m   | kg |          |                                                      |         |          |         |        | *9,810  | *9,810 | *8,580  | 7,560  | *7,900 | 5,660   | *5,660  | 5,390  | 9.25 m |
| 3.0 m   | kg |          |                                                      |         |          | *15,260 | 15,080 | *11,280 | 9,990  | *9,340  | 7,240  | *8,260 | 5,510   | *5,840  | 5,040  | 9.52 m |
| 1.5 m   | kg |          |                                                      |         |          | *17,510 | 14,050 | *12,580 | 9,440  | *10,070 | 6,940  | 8,250  | 5,360   | *6,210  | 4,920  | 9.54 m |
| G.L.    | kg |          |                                                      |         |          | *18,290 | 13,600 | *13,340 | 9,080  | *10,540 | 6,720  | 8,130  | 5,250   | *6,840  | 5,000  | 9.33 m |
| -1.5 m  | kg |          |                                                      | *15,400 | *15,400  | *17,940 | 13,500 | *13,410 | 8,930  | 10,440  | 6,620  |        |         | *7,900  | 5,340  | 8.85 m |
| -3.0 m  | kg | *17,520  | *17,520                                              | *22,610 | *22,610  | *16,610 | 13,630 | *12,670 | 8,970  | *9,830  | 6,660  |        |         | *8,770  | 6,080  | 8.07 m |
| -4.5 m  | kg |          |                                                      | *18,500 | *18,500  | *14,020 | 13,970 | *10,650 | 9,210  |         |        |        |         | *8,690  | 7,710  | 6.88 m |

| SK350LC |    | Boom: 6. | 5 m Arm: 4 | .15 m, Bud | ket: withou | t Shoe: 60 | 0 mm     |         |         |         |        |        |       |         |            |         |
|---------|----|----------|------------|------------|-------------|------------|----------|---------|---------|---------|--------|--------|-------|---------|------------|---------|
| $\sim$  |    | 1        | .5 m       | 3.0        | m           | 4.5        | i m      | 6.      | D m     | 7.5     | i m    | 9.0    | m     | At Max. | Reach      |         |
| В       |    |          | <b>-</b>   |            | <b>-</b>    | L          | <b>-</b> | ł       | ₫—      | H       | ₫-     | ł      | ₫—    | ł       | <b>4</b> - | Radius  |
| 9.0 m   | kg |          |            |            |             |            |          |         |         | *5,100  | *5,100 |        |       | *4,790  | *4,790     | 7.56 m  |
| 7.5 m   | kg |          |            |            |             |            |          |         |         |         |        |        |       | *4,480  | *4,480     | 8.71 m  |
| 6.0 m   | kg |          |            |            |             |            |          |         |         | *6,980  | *6,980 | *6,610 | 5,810 | *4,380  | *4,380     | 9.49 m  |
| 4.5 m   | kg |          |            |            |             |            |          |         |         | *7,640  | *7,640 | *7,110 | 5,680 | *4,410  | *4,410     | 9.98 m  |
| 3.0 m   | kg |          |            | *21,410    | *21,410     | *13,220    | *13,220  | *10,090 | *10,090 | *8,490  | 7,270  | *7,550 | 5,480 | *4,560  | 4,430      | 10.23 m |
| 1.5 m   | kg |          |            |            |             | *16,010    | 14,290   | *11,600 | 9,480   | *9,350  | 6,900  | *8,030 | 5,270 | *4,840  | 4,300      | 10.25 m |
| G.L.    | kg |          |            | *10,840    | *10,840     | *17,570    | 13,510   | *12,680 | 8,990   | *10,020 | 6,600  | 7,990  | 5,100 | *5,320  | 4,350      | 10.05 m |
| -1.5 m  | kg | *10,200  | *10,200    | *14,970    | *14,970     | *17,920    | 13,200   | *13,150 | 8,720   | 10,250  | 6,420  | 7,890  | 5,010 | *6,080  | 4,580      | 9.62 m  |
| -3.0 m  | kg | *14,890  | *14,890    | *20,410    | *20,410     | *17,250    | 13,190   | *12,900 | 8,650   | *10,100 | 6,370  |        |       | *7,380  | 5,100      | 8.91 m  |
| -4.5 m  | kg | *20,330  | *20,330    | *21,570    | *21,570     | *15,470    | 13,410   | *11,710 | 8,780   | *8,900  | 6,500  |        |       | *8,240  | 6,150      | 7.85 m  |
| -6.0 m  | kg |          |            | *16,160    | *16,160     | *11,970    | *11,970  | *8,710  | *8,710  |         |        |        |       | *8,100  | *8,100     | 6.26 m  |

| SK350LC |    | Boom: 6. | Boom: 6.5 m Arm: 2.6 m, Bucket: without Shoe: 600 mm |         |                      |         |         |         |         |               |        |        |  |  |  |  |
|---------|----|----------|------------------------------------------------------|---------|----------------------|---------|---------|---------|---------|---------------|--------|--------|--|--|--|--|
| $\sim$  |    | 3        | 3.0 m                                                |         | 4.5 m 6.0 m 7.5 m At |         |         |         | At Max. | At Max. Reach |        |        |  |  |  |  |
| В       |    |          | <b></b>                                              |         | <b></b>              | L       | <b></b> | L       | <b></b> |               | ₫-     | Radius |  |  |  |  |
| 7.5 m   | kg |          |                                                      |         |                      |         |         |         |         | *8,980        | 8,560  | 7.06 m |  |  |  |  |
| 6.0 m   | kg |          |                                                      |         |                      | *9,580  | *9,580  | *8,840  | 7,710   | *8,770        | 6,910  | 8.00 m |  |  |  |  |
| 4.5 m   | kg |          |                                                      | *13,770 | *13,770              | *10,730 | 10,420  | *9,270  | 7,490   | *8,760        | 6,070  | 8.58 m |  |  |  |  |
| 3.0 m   | kg |          |                                                      |         |                      | *12,090 | 9,830   | *9,920  | 7,200   | 8,600         | 5,640  | 8.87 m |  |  |  |  |
| 1.5 m   | kg |          |                                                      |         |                      | *13,160 | 9,370   | *10,500 | 6,950   | 8,430         | 5,500  | 8.89 m |  |  |  |  |
| G.L.    | kg |          |                                                      | *18,320 | 13,650               | *13,610 | 9,110   | 10,610  | 6,780   | 8,680         | 5,630  | 8.66 m |  |  |  |  |
| -1.5 m  | kg |          |                                                      | *17,410 | 13,690               | *13,320 | 9,050   | *10,480 | 6,750   | *9,370        | 6,090  | 8.15 m |  |  |  |  |
| -3.0 m  | kg | *19,790  | *19,790                                              | *15,580 | 13,910               | *12,090 | 9,170   |         |         | *9,410        | 7,140  | 7.29 m |  |  |  |  |
| -4.5 m  | kg | *15,130  | *15,130                                              | *12,160 | *12,160              |         |         |         |         | *8,920        | *8,920 | 5.95 m |  |  |  |  |

| SK350N | LC | Boom: 6. | Boom: 6.5 m Arm: 3.3 m, Bucket: without Shoe: 600 mm |         |         |         |         |         |         |         |         |        |         |               |         |        |
|--------|----|----------|------------------------------------------------------|---------|---------|---------|---------|---------|---------|---------|---------|--------|---------|---------------|---------|--------|
|        | Α  | 1        | .5 m                                                 | 3.0 m   |         | 4.5     | m       | 6.0 m   |         | 7.5 m   |         | 9.0 m  |         | At Max. Reach |         |        |
| в      |    |          | <b></b>                                              |         | <b></b> | H       | <b></b> | L       | <b></b> |         | <b></b> |        | <b></b> | L             | <b></b> | Radius |
| 9.0 m  | kg |          |                                                      |         |         |         |         |         |         |         |         |        |         | *6,370        | *6,370  | 6.56 m |
| 7.5 m  | kg |          |                                                      |         |         |         |         |         |         | *7,890  | *7,890  |        |         | *5,840        | *5,840  | 7.86 m |
| 6.0 m  | kg |          |                                                      |         |         |         |         |         |         | *8,010  | 7,800   |        |         | *5,650        | *5,650  | 8.71 m |
| 4.5 m  | kg |          |                                                      |         |         |         |         | *9,810  | *9,810  | *8,580  | 7,550   | *7,900 | 5,650   | *5,660        | 5,380   | 9.25 m |
| 3.0 m  | kg |          |                                                      |         |         | *15,260 | 15,050  | *11,280 | 9,970   | *9,340  | 7,230   | *8,260 | 5,500   | *5,840        | 5,030   | 9.52 m |
| 1.5 m  | kg |          |                                                      |         |         | *17,510 | 14,020  | *12,580 | 9,420   | *10,070 | 6,920   | 8,230  | 5,350   | *6,210        | 4,910   | 9.54 m |
| G.L.   | kg |          |                                                      |         |         | *18,290 | 13,570  | *13,340 | 9,060   | 10,530  | 6,700   | 8,110  | 5,240   | *6,840        | 4,990   | 9.33 m |
| -1.5 m | kg |          |                                                      | *15,400 | *15,400 | *17,940 | 13,470  | *13,410 | 8,910   | 10,420  | 6,600   |        |         | *7,900        | 5,330   | 8.85 m |
| -3.0 m | kg | *17,520  | *17,520                                              | *22,610 | *22,610 | *16,610 | 13,600  | *12,670 | 8,950   | *9,830  | 6,650   |        |         | *8,770        | 6,070   | 8.07 m |
| -4.5 m | kg |          |                                                      | *18,500 | *18,500 | *14,020 | 13,940  | *10,650 | 9,190   |         |         |        |         | *8,690        | 7,690   | 6.88 m |

| SK350NL | C  | Boom: 6.5 m Arm: 4.15 m, Bucket: without Shoe: 600 mm |          |           |          |         |          |         |         |         |        |        |         |         |         |         |
|---------|----|-------------------------------------------------------|----------|-----------|----------|---------|----------|---------|---------|---------|--------|--------|---------|---------|---------|---------|
|         | А  | 1.5 m                                                 |          | 3.0 m 4.5 |          |         | ö m      | 6.      | 0 m     | 7.5     | i m    | 9.0    | m       | At Max. | Reach   |         |
| В       |    |                                                       | <b>—</b> |           | <b>—</b> |         | <b>-</b> |         | ₫-      |         | ₫-     | ł      | <b></b> | ł       | <b></b> | Radius  |
| 9.0 m   | kg |                                                       |          |           |          |         |          |         |         | *5,100  | *5,100 |        |         | *4,790  | *4,790  | 7.56 m  |
| 7.5 m   | kg |                                                       |          |           |          |         |          |         |         |         |        |        |         | *4,480  | *4,480  | 8.71 m  |
| 6.0 m   | kg |                                                       |          |           |          |         |          |         |         | *6,980  | *6,980 | *6,610 | 5,800   | *4,380  | *4,380  | 9.49 m  |
| 4.5 m   | kg |                                                       |          |           |          |         |          |         |         | *7,640  | 7,620  | *7,110 | 5,660   | *4,410  | *4,410  | 9.98 m  |
| 3.0 m   | kg |                                                       |          | *21,410   | *21,410  | *13,220 | *13,220  | *10,090 | *10,090 | *8,490  | 7,250  | *7,550 | 5,460   | *4,560  | 4,420   | 10.23 m |
| 1.5 m   | kg |                                                       |          |           |          | *16,010 | 14,260   | *11,600 | 9,460   | *9,350  | 6,880  | *8,030 | 5,260   | *4,840  | 4,290   | 10.25 m |
| G.L.    | kg |                                                       |          | *10,840   | *10,840  | *17,570 | 13,480   | *12,680 | 8,970   | *10,020 | 6,580  | 7,970  | 5,090   | *5,320  | 4,340   | 10.05 m |
| -1.5 m  | kg | *10,200                                               | *10,200  | *14,970   | *14,970  | *17,920 | 13,170   | *13,150 | 8,700   | 10,230  | 6,400  | 7,870  | 4,990   | *6,080  | 4,570   | 9.62 m  |
| -3.0 m  | kg | *14,890                                               | *14,890  | *20,410   | *20,410  | *17,250 | 13,160   | *12,900 | 8,630   | *10,100 | 6,360  |        |         | *7,380  | 5,090   | 8.91 m  |
| -4.5 m  | kg | *20,330                                               | *20,330  | *21,570   | *21,570  | *15,470 | 13,380   | *11,710 | 8,760   | *8,900  | 6,490  |        |         | *8,240  | 6,140   | 7.85 m  |
| -6.0 m  | kg |                                                       |          | *16,160   | *16,160  | *11,970 | *11,970  | *8,710  | *8,710  |         |        |        |         | *8,100  | *8,100  | 6.26 m  |

| SK350NL | 350NLC Boom: 6.5 m Arm: 2.6 m, Bucket: without Shoe: 600 mm |         |          |         |         |         |          |         |         |         |         |        |
|---------|-------------------------------------------------------------|---------|----------|---------|---------|---------|----------|---------|---------|---------|---------|--------|
|         | А                                                           | 3.0 m   |          | 4.5     | m       | 6.0     | m        | 7.5     | m       | At Max. | Reach   |        |
| B       |                                                             |         | <b>-</b> |         | ₫-      | ł       | <b>-</b> | ł       | <b></b> | ł       | <b></b> | Radius |
| 7.5 m   | kg                                                          |         |          |         |         |         |          |         |         | *8,980  | 8,550   | 7.06 m |
| 6.0 m   | kg                                                          |         |          |         |         | *9,580  | *9,580   | *8,840  | 7,690   | *8,770  | 6,900   | 8.00 m |
| 4.5 m   | kg                                                          |         |          | *13,770 | *13,770 | *10,730 | 10,400   | *9,270  | 7,470   | *8,760  | 6,060   | 8.58 m |
| 3.0 m   | kg                                                          |         |          |         |         | *12,090 | 9,810    | *9,920  | 7,190   | 8,580   | 5,630   | 8.87 m |
| 1.5 m   | kg                                                          |         |          |         |         | *13,160 | 9,350    | *10,500 | 6,930   | 8,420   | 5,490   | 8.89 m |
| G.L.    | kg                                                          |         |          | *18,320 | 13,620  | *13,610 | 9,090    | 10,590  | 6,770   | 8,660   | 5,620   | 8.66 m |
| -1.5 m  | kg                                                          |         |          | *17,410 | 13,660  | *13,320 | 9,030    | *10,480 | 6,730   | *9,370  | 6,080   | 8.15 m |
| -3.0 m  | kg                                                          | *19,790 | *19,790  | *15,580 | 13,880  | *12,090 | 9,150    |         |         | *9,410  | 7,130   | 7.29 m |
| -4.5 m  | kg                                                          | *15,130 | *15,130  | *12,160 | *12,160 |         |          |         |         | *8,920  | *8,920  | 5.95 m |

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.

3. Arm top 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 other the provided of the safe operation.
- at all times.
- 6. Lift capacities apply to only machine as originally manufactured and normally equipped by KOBELCO CONSTRUCTION MACHINERY CO., LTD.

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