Note: This catalog may contain attachments and optional equipment that are not available in your area. It may contain photographs of machines with specifications that differ from those of machines sold in your area. Please consult your nearest KOBELCO distributor for these items if you require.

Due to our policy of continuous product improvements, all designs and specifications are subject to change without advance notice.

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KOBELCO CONSTRUCTION MACHINERY EUROPE B.V.
Veluwezoom 15
1327 AE Almere
The Netherlands
www.kobelco-europe.com

Bucket Capacity: 1.2 - 1.8 m³
Engine Power: 213 kW / 2,100 min⁻¹
Operating Weight: 36,300 - 39,300 kg
Power Meets Efficiency

To urban centers, and to mines around the world, Kobelco’s all-out innovation brings you durable earth-friendly construction machinery that’s equal to any task, at sites all over the planet. Increased power and even greater fuel economy bring higher efficiency to any project. Kobelco 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. Also, this machine conforms to Stage IIIB Exhaust Emission Standards, thanks to its significantly reduced NOx* emissions.

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 the world over.

*NOx: Nitrogen Oxide

SK350 LC  SK350 NLC
Power Meets Efficiency

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* NOx: Nitrogen Oxide

SK350 LC  SK350 NLC
Arm Interflow System

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

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.

Hydraulic System: Revolutionary Technology Saves Fuel

Evolution Continues, with Improved Fuel Efficiency

In Pursuit of Improved Fuel Efficiency

Operation Mode

Fuel consumption is lower in ECO-mode/S-mode in comparison with the previous model (Generation 9).

ECO-mode...About 9% improvement

S-mode...About 10% improvement

Always and Forever. Yesterday, Today, and Tomorrow. We’re Obsessed with Fuel Efficiency.

Over the past 10 years, KOBELCO has achieved an average fuel consumption reduction of 47% across its fleet. We are to lead the industry in improving fuel efficiency.

Compared to previous models

Compared to SK350LC-6 model (2006)

AIS (Auto Idle Stop)

If the boarding/disembarking lever is left up, the engine will stop automatically. This eliminates wasted idling during standing, saving fuel and reducing CO2 emissions as well.

Engine Meets Stage IV Standards

Reduces Fuel Consumption and Minimizes Exhaust Emissions

Hino engines are renowned for fuel efficiency and environmental performance, and Kobelco has tuned these powerplants especially for construction machinery. The pressure within the common rail fuel injection system, the VG turbo, and the exhaust gas after-treatment system reduce exhaust PM*3 while the large-capacity EGR cooler sharply reduces the formation of NOx gases.

*3 PM: Particulate Matter

ECO-mode

About 9% improvement

S-mode...About 10% improvement

About 47% improvement

VG Turbo Reduces PM

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.

SCR System with DEF/Urea

The engine exhaust system has an SCR system that converts NOx emissions into harmless nitrogen and water. Combining this with a post-exhaust gas treatment system that captures and disposes of PM, the SK350LC has a much cleaner exhaust that meets Stage IV exhaust emission standards.

About 80% decrease

EGR Cooler Reduces NOx

Cooled exhaust gases from the EGR cooler are mixed with fresh air in the intake. The recirculated air lowers the combustion temperature which reduces NOx.

Higher fuel efficiency means “Efficiency”
Evolution Continues, with Improved Fuel Efficiency

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EGR Cooler Reduces NOx
Cooled exhaust gases from the EGR cooler are mixed with fresh air in the intake. The recirculated air lowers the combustion temperature which reduces NOx.

Higher fuel efficiency 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 10%2. The engine, already well-known for its environmental performance has a new SCR system, and its reduced NOx emissions means the engine now meets Stage IV Standards.

ECO-mode

About 9% improvement

S-mode

About 10% improvement

SCR: Selective Catalytic Reduction

Comparing to previous models

*1 Compared to S-mode on the SK350LC-9
*2 SCR: Selective Catalytic Reduction
More Power and Higher Efficiency

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

Improved fuel efficiency contributes to high performance

Superior Digging Volume
This excavator offers dynamic digging force even as it minimizes fuel consumption rates, achieving class-leading work volume. It is made with an increased torque setting, delivering about 5% greater digging volume.

- Digging volume/minute:
  - Normal: 222 kN
  - With Power Boost: 244 kN

- Max. Bucket Digging Force:
  - Normal: 163 kN
  - With Power Boost: 180 kN

About 5% increase

Get More Done Faster with Superior Operability

Piping for Quick Hitch

A quick hitch hydraulic line, which speeds up attachment changes, is optional as a standard.

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

It takes 25% 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 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: 332 kN

Top Class Digging Volume

This excavator offers dynamic digging force even as it minimizes fuel consumption rates, achieving class-leading work volume. H-mode with an increased torque setting delivers about 5% greater digging volume.

- Max. Arm Crowding Force:
  - Normal: 163 kN
  - With Power Boost: 180 kN

- Drawbar Pulling Force:
  - 332 kN

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.

- Analog gauge provides an intuitive reading of fuel level and engine water temperature
- Green indicator light shows low fuel consumption during operation
- PM accumulation display (left)/Ultra level gauge (right)
- Fuel consumption/Switch indicator for rear camera image
- Digging mode switch
- Monitor display switch

One-Touch Attachment Mode Switch
A simple flick of a switch converts the hydraulic circuit and flow amount to match attachment changes, thus helping the operator to confirm the proper configuration at a glance.

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- **Max. Arm Crowding Force**
  - Normal: 163 kN
  - With Power Boost: 180 kN

*Values are for HD arm (3.30 m)

Get More Done Faster with Superior Operability

Piping for Quick Hitch

A quick hitch hydraulic line, which speeds up attachment changes, is available as a standard.

It takes 25% less effort to work the operation lever, which reduces fatigue over long working hours or continued operations.

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

Top Class Traveling Force

Powerful traveling force and 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**: 332 kN

Top Class Excavating Reach

Top-class excavating reach extends working range.

- **Max. digging reach**: 11,260 mm
- **Max. digging depth**: 7,560 mm
- **Max. vertical wall digging depth**: 6,610 mm

*Values are for HD arm (3.30 m)

Better Digging Volume

This excavator offers dynamic digging force even as it minimizes fuel consumption rates, achieving class-leading work volume. H-mode with an increased torque setting delivers about 5% greater digging volume.

- **Drawbar Pulling Force**: 332 kN

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

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- Digging mode switch
- Monitor display switch

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.
Double-Element Air Cleaner
The large-capacity element features a double-filter structure that keeps the engine running clean even in industrial environments.

Fuel Filter
The pre-filter, with built-in water separator maximizes filtering performance.

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

Hydraulic Fluid Filter Clog Detector
Pressure sensors at the inlet and outlet of the hydraulic fluid filter monitor differences in pressure to determine the degree of clogging. If the difference in pressure exceeds a predetermined level, a warning appears on the multi-display, so any contamination can be removed from the filter before it reaches the hydraulic fluid reservoir.

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.

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

Enlarged Reinforcement of the Arm Foot
HD: Base plate thickness has been increased 1.3 times.

Modified Foot Boss Shape
The arm foot boss shape has been modified and improved to distribute stress, delivering 2.6 times more strength for tasks like digging next to a wall.

Current
New
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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 vibrations.

Air Conditioner Register behind the Seat

The large air-conditioner has registers on the back pillar 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

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

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

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

Right Side Camera Fitted as Standard

Further to the existing rear-view camera, a camera for the right side is fitted as standard for easy safety checks all round the machine.

Rear View Camera Right Side View Camera

Rear view shows the area directly behind the cab.

TOP Guard is fitted as standard

Hammer for emergency exit

TOP Guard is fitted as standard.

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.

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.

Twice the stroke of a conventional mount

Coil spring

Silicone oil
Comfortable Cab Is Now Safer than Ever

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**Comfort**

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**More Comfortable Seat Means Higher Productivity**

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**

- Automatic AM/FM radio
- Spacious storage tray
- Large cup holder
- USB pin/24V power outlet
- Twin type USB pin/24V power outlet

**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**

- Right Side Camera Fitted as Standard
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Further to the existing rear-view camera, a camera for the right side is fitted as standard for easy safety checks all round the machine.
Remote Monitoring for Peace of Mind

KOBELCO (Kobelco Monitoring Excavator System) uses satellite communication and internet to relay data, and therefore can be deployed in areas where other forms of communication are 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.

Security System

Engine Start Alarm

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

Area Alarm

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

Warning Alerts

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

Maintenance Data and Warning Alerts

Operating Hours

A comparison of operating times of machines at multiple locations shows which locations are busier and more profitable.

Operating hours on site can be accurately recorded, for running time calculations needed for rental machines, etc.

Fuel Consumption Data

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

Graph of Work Content

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

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.

Daily/Monthly Reports

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

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.

KOMEXS (Kobelco Monitoring Excavator System) uses satellite communication and internet to relay data, and therefore can be deployed in areas where other forms of communication are 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.

Alarm messages can be received on mobile device.
**Direct Access to Operational Status**

**Location Data**
- Accurate location data can be obtained even from sites where communications are difficult.
- Location records and work sites can be confirmed remotely.

**Security System**
- Area Alarm: It can be set as an alarm if the machine is moved out of its designated area to another location.

**Engine Start Alarm**
- The system can be set as an alarm if the machine is operated outside designated time.

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**Maintenance Data and Warning Alerts**
- Engine start alarm outside prescribed work time
- Machine maintenance data
- Fuel consumption

**Warning Alerts**
- This system issues an alert if an anomaly is sensed, preventing damage that could result in machine downtime.

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**KOBELCO office**
- KOBELCO service personnel

**KOBELCO service personnel/Dealer/customer**
- Remote Monitoring for Peace of Mind

**GPS**
- Web server

**KOBELCO service personnel/Dealer/customer**
- KOBELCO office
Efficient Maintenance Keeps the Machine in Peak Operating Condition

More Efficient
Maintenance Inside the Cab

More finely differentiated fuses make it easier to locate malfunctions.

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

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

Easy Cleaning

Special crawler frame design is easily cleaned of mud.

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

Engine oil pan equipped with drain valve.

Long-Interval Maintenance

Long-life hydraulic oil reduces cost and labor.

Replacement cycle: 1,000 hours

Highly Durable Super-fine Filter

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

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 regular and transient malfunctions.
Efficient Maintenance Keeps the Machine in Peak Operating Condition

More Efficient Maintenance Inside the Cab

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Easy Cleaning

Special crawler frame design is easily cleaned of mud.
Detachable two-piece floor mat with handles for easy removal. A floor drain is located under floor mat.
Engine oil pan equipped with drain valve.

Easy, On-the-Spot Maintenance

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.

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.

More Efficient Maintenance Inside the Cab

Long-Interval Maintenance

Long-life hydraulic oil reduces cost and labor.

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Display only the maintenance information that’s needed, when it’s needed.
Self-diagnostic function provides early warning detection and display of electrical system malfunctions.
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Examples of displaying maintenance information

Machine Information Display Function

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Specifications

**Travel System**
- Travel motors: 2 x axial piston, two-step motors
- Travel brakes: Hydraulic brake motor pair
- Parking brakes: Oil disc brake per motor
- Travel shoes: 46 each side
- Travel speed: 5.6/3.3 km/h
- Drawbar pulling force: 332 kN (ISO 7464)
- Gravitation: 70 N (5T)

**Hydraulic System**
- Type: Two variable displacement pumps + one gear pump
- Max. discharge flow: 2 x 294 L/min, 1 x 21 L/min
- Rated flow: 164 L/min
- Power Boost: 34.3 MPa {350 kgf/cm²}
- Swing torque: 1,017 N
- Swing speed: 10.0 min⁻¹ {rpm}
- Swing reduction gear: One gear pump
- Swing motor: Axial piston motor
- Swing control: Hydraulic, locking automatically when the swing control lever is in neutral position
- Breaking resistant: 988 N
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**Boom, Arm & Bucket**
- Bucket cylinders: 140 mm x 1,550 mm
- Arm cylinder: 170 mm x 1,786 mm
- Bucket cylinder: 150 mm x 1,793 mm

**Refilling Capacities & Lubrications**
- Fuel tank: 503 L
- Cooling system: 35 L
- Engine oil: 28.5 L
- Gear oil: 28.5 L
- Hydraulic oil: 245 L, tank oil level
- DEF/urea tank: 83 L

**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
- Electric rotary type engine throttle

**Engine**
- Model: HINO JO8EVV-KSDK
- Type: Direct injection, water-cooled, 4-cycle diesel engine with turbocharger, intercooler
- No. of cylinders: 6
- Bore and stroke: 112 mm x 130 mm
- Displacement: 7.64 L
- Rated power output: 201 kW/2,100 min⁻¹ (ISO 9249)
- Max. torque: 988 N·m/1,600 min⁻¹ (ISO 14396)
- Relieve valve setting: 222
- Max. discharge flow: 5.6/3.3 km/h
- Drawbar pulling force: 332 kN (ISO 7464)
- Gravitation: 70 N (5T)

**Dimensions**
- Overall width of crawler: 11,380 mm
- Overall length: 3,600 mm
- Overall height (to top of cab): 2,990 mm
- Arm length: 1,200 mm
- Overall width of upperstructure: 11,330 mm
- Distance from center of swing to rear end: 3,090 mm
- Overall length of crawler: 3,490 mm
- Track gauge: 244* mm
- Shoe width: 600 mm
- Overall width of upperstructure: 2,990 mm

**Working Ranges**
- Engine Oil: ISO 32
- Oil cooler: Air cooled type
- Oil disc brake per motor
- Hydraulic brake per motor
- Swing reduction gear
- Axial piston motor

**Attachments**
- Bucket capacity ISO heaped: 1,450 m³
- Opening width: 1,420 mm
- No. of teeth: 4
- Bucket weight: 1,100 kg
- Combination: 2.6 m short arm

**Operating Weight & Ground Pressure**
- In standard trim, with standard boom, 3.3 m arm, and 1.4 m³ ISO heaped bucket.
- Shovel width: 660 mm
- Single grouser shoes: 660 mm
- Triple grouser shoes (max. height): 700 mm
- Overall width of crawler: 3,150 mm
- Ground pressure: 53 kPa
- Operating weight: 36,400 kg
## Specifications

### Engine

<table>
<thead>
<tr>
<th>Model</th>
<th>MHO-14DV5-4DCKM</th>
</tr>
</thead>
<tbody>
<tr>
<td>Type</td>
<td>Direct injection, water-cooled, 4-cylinder diesel engine with turbocharger, intercooler</td>
</tr>
<tr>
<td>No. of cylinders</td>
<td>6</td>
</tr>
<tr>
<td>Bore and stroke</td>
<td>112 mm x 130 mm</td>
</tr>
<tr>
<td>Displacement</td>
<td>7.64L</td>
</tr>
<tr>
<td>Rated power output</td>
<td>201 kW/2,100 min⁻¹ (ISO 9249)</td>
</tr>
<tr>
<td>213 kW/2,100 min⁻¹ (ISO 14396)</td>
<td></td>
</tr>
<tr>
<td>Max. torque</td>
<td>988 Nm/1,600 min⁻¹ (ISO 9249)</td>
</tr>
<tr>
<td>1,017 Nm/1,600 min⁻¹ (ISO 14396)</td>
<td></td>
</tr>
</tbody>
</table>

### Hydraulic System

<table>
<thead>
<tr>
<th>Type</th>
<th>Two variable displacement pumps + one gear pump</th>
</tr>
</thead>
<tbody>
<tr>
<td>Max. discharge flow</td>
<td>2 x 294 L/min, 1 x 21 L/min</td>
</tr>
<tr>
<td>Rated flow (max)</td>
<td>28 L/min</td>
</tr>
<tr>
<td>Boom, arm and bucket</td>
<td>34.3 MPa (350 kgf/cm²)</td>
</tr>
<tr>
<td>Travel circuit</td>
<td>37.8 MPa (386 kgf/cm²)</td>
</tr>
<tr>
<td>Swing circuit</td>
<td>29.0 MPa (300 kgf/cm²)</td>
</tr>
<tr>
<td>Control circuit</td>
<td>5.0 MPa (50 kgf/cm²)</td>
</tr>
<tr>
<td>Pilot control pump</td>
<td>Gear type</td>
</tr>
<tr>
<td>Main control valve</td>
<td>8-speed</td>
</tr>
<tr>
<td>Oil cooler</td>
<td>Air cooled type</td>
</tr>
</tbody>
</table>

### Swing System

<table>
<thead>
<tr>
<th>Swing motor</th>
<th>Axial piston motor</th>
</tr>
</thead>
<tbody>
<tr>
<td>Brake</td>
<td>Hydraulically locked automatically when the swing control lever is in neutral position</td>
</tr>
<tr>
<td>Parking brake</td>
<td>Oil disc brake, hydraulically operated automatically</td>
</tr>
<tr>
<td>Swing speed</td>
<td>10.9 m/min (rpm)</td>
</tr>
<tr>
<td>Swing torque</td>
<td>11.6 kN•m</td>
</tr>
<tr>
<td>Tail swing radius</td>
<td>3,600 mm</td>
</tr>
<tr>
<td>Min. front swing radius</td>
<td>4,310 mm</td>
</tr>
</tbody>
</table>

### Backhoe bucket and combination

<table>
<thead>
<tr>
<th>Use</th>
<th>Backhoe bucket</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bucket capacity</td>
<td>ISO-heaped</td>
</tr>
<tr>
<td>ISO</td>
<td></td>
</tr>
<tr>
<td>mm</td>
<td>(Short Arm)</td>
</tr>
<tr>
<td>1,2</td>
<td>1.2</td>
</tr>
<tr>
<td>1,4</td>
<td>1.4</td>
</tr>
<tr>
<td>1,6</td>
<td>1.6</td>
</tr>
<tr>
<td>Opening width</td>
<td>1,240</td>
</tr>
<tr>
<td>With side cutter</td>
<td>1,110</td>
</tr>
<tr>
<td>Without side cutter</td>
<td>1,110</td>
</tr>
<tr>
<td>No. of teeth</td>
<td>4</td>
</tr>
<tr>
<td>Bucket weight</td>
<td>2,980</td>
</tr>
<tr>
<td>Combination</td>
<td>3.6 m short arm</td>
</tr>
</tbody>
</table>

### Attachments

- 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.
  - Air cooled type
  - Gear type
  - one gear pump
  - Two variable displacement pumps + one gear pump
  - Axial piston motor

### Refilling Capacities & Lubrications

- Fuel tank: 503 L
- Cooling system: 35 L
- Engine oil: 28.5 L
- Travel reduction gear: 2.8 x 6.8 L
- Swing reduction gear: 7.4 L
- Hydraulic oil tank: 245 L, tank oil level
- DEF/油箱: 83 L

### Travel System

- Travel motors: 2 x axial piston, two-step motors
- Travel brakes: Hydraulic brake pad motor
- Parking brakes: Oil disc brake per motor
- Travel shoes: 46 each side
- Travel speed: 5.6 x 3.3 m/h
- Drawbar pulling force: 332 kN (ISO 7464)
- Gradability: 76 % (15°)

### Working Ranges

<table>
<thead>
<tr>
<th>Arm</th>
<th>Short (A)</th>
<th>Standard (B)</th>
<th>Long (C)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Digging depth</td>
<td>10.1</td>
<td>11.24</td>
<td>11.97</td>
</tr>
<tr>
<td>Max. depth</td>
<td>10.4</td>
<td>11.06</td>
<td>11.79</td>
</tr>
<tr>
<td>Max. digging reach</td>
<td>5.86</td>
<td>7.56</td>
<td>8.41</td>
</tr>
<tr>
<td>Max. digging reach at ground level</td>
<td>10.26</td>
<td>12.59</td>
<td>13.7</td>
</tr>
<tr>
<td>Max. dumping clearance</td>
<td>7.60</td>
<td>7.7</td>
<td>7.13</td>
</tr>
<tr>
<td>Max. dumping clearance</td>
<td>3.32</td>
<td>2.62</td>
<td>1.77</td>
</tr>
<tr>
<td>Max. vertical wall digging depth</td>
<td>5.84</td>
<td>6.61</td>
<td>7.15</td>
</tr>
<tr>
<td>Max. swing radius</td>
<td>4.45</td>
<td>4.91</td>
<td>4.43</td>
</tr>
<tr>
<td>Swing motor</td>
<td>2.4 m (8 ft)</td>
<td>1.6</td>
<td>1.4</td>
</tr>
<tr>
<td>Cab</td>
<td>2.4 x</td>
<td>2.4</td>
<td>2.4</td>
</tr>
<tr>
<td>Digging depth for 2.4 m (8 ft)</td>
<td>6.67</td>
<td>7.4</td>
<td>8.27</td>
</tr>
</tbody>
</table>

### Dimensions

<table>
<thead>
<tr>
<th>Arm</th>
<th>Short (A)</th>
<th>Standard (B)</th>
<th>Long (C)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Overall length</td>
<td>11,390</td>
<td>11,390</td>
<td>11,390</td>
</tr>
<tr>
<td>Track gauge</td>
<td>4,960</td>
<td>4,960</td>
<td>4,960</td>
</tr>
<tr>
<td>Overall width of upper structure</td>
<td>3,600</td>
<td>3,600</td>
<td>3,600</td>
</tr>
<tr>
<td>Overall width of undercarriage</td>
<td>4,050</td>
<td>4,050</td>
<td>4,050</td>
</tr>
<tr>
<td>Trolley distance</td>
<td>4,050</td>
<td>4,050</td>
<td>4,050</td>
</tr>
<tr>
<td>Overall length of crawler</td>
<td>3,180</td>
<td>3,180</td>
<td>3,180</td>
</tr>
<tr>
<td>Track gauge</td>
<td>2,590</td>
<td>2,590</td>
<td>2,590</td>
</tr>
<tr>
<td>Shoe width</td>
<td>600</td>
<td>600</td>
<td>600</td>
</tr>
<tr>
<td>Overall width of upper structure</td>
<td>2,980</td>
<td>2,980</td>
<td>2,980</td>
</tr>
</tbody>
</table>

### Operating Weight & Ground Pressure

- In standard trim, with standard boom, 3.3 m arm, and 1.4 m ISO heaped bucket.

- **Digger Force (ISO 6161)**
  - Short Arm: 222, 222, 222
  - Standard Arm: 244, 244, 244
  - Long Arm: 265, 173, 140

- **Caterpillar Elevator Force (ISO 4611)**
  - Short Arm: 205, 192, 140
  - Standard Arm: 225, 185, 140

- **Ground pressure (ISO 16898)**
  - SK350LC: 180 kPa

- **Swing System**
  - Swing motor: Axial piston motor
  - Brake: Hydraulically locked automatically when the swing control lever is in neutral position
  - Parking brake: Oil disc brake, hydraulically operated automatically
  - Swing speed: 10.9 m/min (rpm)
  - Swing torque: 11.6 kN•m
  - Tail swing radius: 3,600 mm
  - Min. front swing radius: 4,310 mm

- **Backhoe bucket and combination**
  - Bucket capacity: ISO-heaped
  - Opening width: With side cutter
  - Without side cutter: 1,110, 1,300, 1,410
  - Min. front swing radius: 4,310 mm
  - No. of teeth: 4
  - Bucket weight: 990
  - Combination: 2.6 m short arm, 3.3 m short arm, 4.1 m long arm

- **Cab & Control**
  - Features: All-weather, sound-suppressed steel cab
  - Air cooled type
  - Gear type
  - One gear pump
  - Two variable displacement pumps + one gear pump
  - Axial piston motor

- **Hydraulic System**
  - Type: Two variable displacement pumps + one gear pump
  - Max. discharge flow: 2 x 294 L/min, 1 x 21 L/min
  - Rated flow (max): 28 L/min
  - Boom, arm and bucket: 34.3 MPa (350 kgf/cm²)
  - Travel circuit: 37.8 MPa (386 kgf/cm²)
  - Swing circuit: 29.0 MPa (300 kgf/cm²)
  - Control circuit: 5.0 MPa (50 kgf/cm²)
  - Pilot control pump: Gear type
  - Main control valve: 8-speed
  - Oil cooler: Air cooled type

- **Travel System**
  - Travel motors: 2 x axial piston, two-step motors
  - Travel brakes: Hydraulic brake pad motor
  - Parking brakes: Oil disc brake per motor
  - Travel shoes: 46 each side
  - Travel speed: 5.6 x 3.3 m/h
  - Drawbar pulling force: 332 kN (ISO 7464)
  - Gradability: 76 % (15°)
## Lifting Capacities

### SK350LC

**Bucket: without**

<table>
<thead>
<tr>
<th>Radius (m)</th>
<th>5.0 m</th>
<th>7.5 m</th>
<th>10.0 m</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.5 m</td>
<td>4170</td>
<td>5190</td>
<td>6100</td>
</tr>
<tr>
<td>3.0 m</td>
<td>5910</td>
<td>7290</td>
<td>8590</td>
</tr>
<tr>
<td>4.5 m</td>
<td>8110</td>
<td>9910</td>
<td>11710</td>
</tr>
</tbody>
</table>

### SK350NLC

**Bucket: without**

<table>
<thead>
<tr>
<th>Radius (m)</th>
<th>5.0 m</th>
<th>7.5 m</th>
<th>10.0 m</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.5 m</td>
<td>4170</td>
<td>5190</td>
<td>6100</td>
</tr>
<tr>
<td>3.0 m</td>
<td>5910</td>
<td>7290</td>
<td>8590</td>
</tr>
<tr>
<td>4.5 m</td>
<td>8110</td>
<td>9910</td>
<td>11710</td>
</tr>
</tbody>
</table>

### Notes:
1. Do not attempt to lift or build any load that is greater than the lift capacity at the specified lift.
2. Lift capacities are based on machine standing on firm, level, and uniform ground. Lift operator will determine if load exceeds rated limits.
3. Lift capacities marked with an asterisk (*) are limited by relief valve setting at 37.8 MPa (385 kgf/cm²).
4. The above lift capacities are in compliance with ISO 10567. They do not exceed 87% of hydraulic lifting capacity or 75% of tipping load.
### Lifting Capacities

**Nominal Lifting Capacities**

<table>
<thead>
<tr>
<th>Model</th>
<th>Boom (m)</th>
<th>Arm (m)</th>
<th>Bucket</th>
<th>Shoe (mm)</th>
<th>Radius (m)</th>
<th>Thrust (kN)</th>
<th>Rated Load (kN)</th>
</tr>
</thead>
<tbody>
<tr>
<td>SK350LC</td>
<td>6.5</td>
<td>3.3</td>
<td>3.0</td>
<td>600</td>
<td>5.0</td>
<td>30</td>
<td>26</td>
</tr>
<tr>
<td>SK350NLC</td>
<td>6.5</td>
<td>4.15</td>
<td>3.0</td>
<td>600</td>
<td>5.0</td>
<td>30</td>
<td>26</td>
</tr>
<tr>
<td>SK350LC-10</td>
<td>6.5</td>
<td>4.15</td>
<td>3.0</td>
<td>600</td>
<td>5.0</td>
<td>30</td>
<td>26</td>
</tr>
</tbody>
</table>

**Note:**

1. Do not attempt to lift or build any load that is greater than the lift capacity at any lift height. Always refer to equipment manuals when choosing equipment for a lift.
2. Lift capacities are based on machine standing on level, firm, and uniform ground. Users must allow for additional safety factors due to job conditions, soil, etc.
3. Users must allow for additional safety factors due to job conditions, soil, etc.
4. Lift capacities are limited by hydraulic capacity rather than tipping load.

**Relief valve setting:** 37.8 MPa (385 kgf/cm²)

---

**Radioactive Warning:**

-5.0 m kg
-4.5 m kg
-3.0 m kg
-1.5 m kg
-0.0 m kg

**Lifting Capacities:**

<table>
<thead>
<tr>
<th>Model</th>
<th>Boom (m)</th>
<th>Arm (m)</th>
<th>Bucket</th>
<th>Shoe (mm)</th>
<th>Radius (m)</th>
<th>Thrust (kN)</th>
<th>Rated Load (kN)</th>
</tr>
</thead>
<tbody>
<tr>
<td>SK350LC</td>
<td>6.0</td>
<td>3.2</td>
<td>2.5</td>
<td>1.5</td>
<td>1.3</td>
<td>1.1</td>
<td>0.9</td>
</tr>
</tbody>
</table>

**Bucket:**

-6.0 m kg
-4.5 m kg
-3.0 m kg
-1.5 m kg
-0.0 m kg

---

**Rated Load:**

-5.0 m kg
-4.5 m kg
-3.0 m kg
-1.5 m kg
-0.0 m kg
## Lifting Capacities

### 2 Piece Boom Specifications

#### Working Ranges

<table>
<thead>
<tr>
<th>Range</th>
<th>Unit: m</th>
<th>2.6 m</th>
<th>3.3 m</th>
<th>4.15 m</th>
</tr>
</thead>
<tbody>
<tr>
<td>Arm length</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Short</td>
<td>2.6 m</td>
<td>3.3 m</td>
<td>4.15 m</td>
<td></td>
</tr>
<tr>
<td>Standard</td>
<td>3.3 m</td>
<td>4.15 m</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Long</td>
<td>4.15 m</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

#### Digging Force (ISO 6015)

<table>
<thead>
<tr>
<th>G'</th>
<th>D</th>
<th>H</th>
<th>B</th>
<th>J</th>
</tr>
</thead>
<tbody>
<tr>
<td>2.6 m</td>
<td>3.3 m</td>
<td>4.15 m</td>
<td>3.92</td>
<td></td>
</tr>
<tr>
<td>0.82</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

#### Bucket capacity (ISO heaped m³)

<table>
<thead>
<tr>
<th>f- Digging depth</th>
<th>2.4 m (8')</th>
</tr>
</thead>
<tbody>
<tr>
<td>j- Min. swing radius</td>
<td>0.82</td>
</tr>
<tr>
<td>h- Min. dumping clearance</td>
<td>0.12</td>
</tr>
<tr>
<td>d- Max. digging height</td>
<td>3.92</td>
</tr>
</tbody>
</table>

#### Lifting Capacities

<table>
<thead>
<tr>
<th>10.5 m</th>
<th>15.0 m</th>
<th>20.5 m</th>
</tr>
</thead>
<tbody>
<tr>
<td>10.5 m</td>
<td>15.0 m</td>
<td>20.5 m</td>
</tr>
<tr>
<td>10.5 m</td>
<td>15.0 m</td>
<td>20.5 m</td>
</tr>
<tr>
<td>10.5 m</td>
<td>15.0 m</td>
<td>20.5 m</td>
</tr>
<tr>
<td>10.5 m</td>
<td>15.0 m</td>
<td>20.5 m</td>
</tr>
<tr>
<td>10.5 m</td>
<td>15.0 m</td>
<td>20.5 m</td>
</tr>
<tr>
<td>10.5 m</td>
<td>15.0 m</td>
<td>20.5 m</td>
</tr>
<tr>
<td>10.5 m</td>
<td>15.0 m</td>
<td>20.5 m</td>
</tr>
<tr>
<td>10.5 m</td>
<td>15.0 m</td>
<td>20.5 m</td>
</tr>
</tbody>
</table>

#### Operating Weight & Ground Pressure

| In standard trim, with 2-piece boom, 3.3 m arm, and 1.4 m³ ISO heaped bucket. |
|-----------------------------|-----------|
| Shaped                      | Triple-groove sheaves (even height) |
| Overall width of clawer     | 8.08 m |
| Ground pressure              | 9.00 m |
| Overall weight               | 10.60 m |

#### Dimensions

<table>
<thead>
<tr>
<th>Arm length</th>
<th>Short</th>
<th>Standard</th>
<th>Long</th>
</tr>
</thead>
<tbody>
<tr>
<td>2.6 m</td>
<td>11.98</td>
<td>13.73</td>
<td>15.50</td>
</tr>
<tr>
<td>3.3 m</td>
<td>13.73</td>
<td>15.50</td>
<td>17.25</td>
</tr>
<tr>
<td>4.15 m</td>
<td>15.50</td>
<td>17.25</td>
<td>18.98</td>
</tr>
</tbody>
</table>

---

1. Do not attempt to lift load that is greater than the load lifting capacities at the specified lift distance.  
2. Lifting capacities are based on the clawer's lifting angle and weight of all outriggers.  
3. All distances are approximate and vary based on job conditions.  
4. All figures assume a level ground.  
5. Arm tip deflection is less than 2.50 m.

---

A: Reach from swing centerline to arm top
B: Arm tip height above below ground
C: Lifting capacities in kilograms
Basket: Without bucket
Relief valve setting: 37.8 MPa (550 psi)
## Lifting Capacities

### 2 Piece Boom Specifications

**Working Ranges**

<table>
<thead>
<tr>
<th>Boom</th>
<th>Short Arm</th>
<th>Standard Arm</th>
<th>Long Arm</th>
</tr>
</thead>
<tbody>
<tr>
<td>3.15 m</td>
<td>2,400</td>
<td>2,800</td>
<td>3,200</td>
</tr>
<tr>
<td>4.10 m</td>
<td>2,850</td>
<td>3,500</td>
<td>4,000</td>
</tr>
</tbody>
</table>

- **a- Max. digging reach**
- **b- Max. digging reach at ground level**
- **c- Max. digging depth**
- **d- Max. digging height**
- **e- Min. dumping clearance**
- **f- Min. dumping clearance**
- **g- Max. vertical wall digging depth**
- **h- Min. digging radius**
- **i- Horizontal digging stroke**
- **j- Digging depth for 2.4 m (8')**

**Rating over end**

**Rating over side or 360 degrees**

### Operating Weight & Ground Pressure

- **Short Arm**
  - **Bucket: Without bucket**
  - **Shoe: 600 mm (Heavy Lift)**

- **Standard Arm**
  - **Bucket: Without bucket**
  - **Shoe: 600 mm (Heavy Lift)**

- **Long Arm**
  - **Bucket: Without bucket**
  - **Shoe: 600 mm (Heavy Lift)**

### Dimensions

<table>
<thead>
<tr>
<th>Arm length</th>
<th>Short Arm</th>
<th>Standard Arm</th>
<th>Long Arm</th>
</tr>
</thead>
<tbody>
<tr>
<td>2.6 m</td>
<td>1,050</td>
<td>1,300</td>
<td>1,550</td>
</tr>
<tr>
<td>3.3 m</td>
<td>1,450</td>
<td>1,700</td>
<td>2,050</td>
</tr>
</tbody>
</table>

- **a- Max. digging reach**
- **b- Max. digging reach at ground level**
- **c- Max. digging depth**
- **d- Max. digging height**
- **e- Min. swing radius**
- **f- Max. digging clearance**
- **g- Max. dumping clearance**
- **h- Max. digging height at ground level**
- **i- Max. digging reach**
- **j- Max. digging reach**

### Notes:

1. Do not attempt to lift any load that is greater than these lift capacities at their specified lift positions.
2. Lift capacities are based on the machine's load on the wheel or the specified lift position.
3. Lift capacities apply only to the machine in its original condition and normally equipped by KOBELCO CONSTRUCTION MACHINERY CO., LTD.
Lifting Capacities

Notes:
1. Do not attempt to lift or hold any load that is greater than these lift capacities at their specified lift point radius and heights. Weight of all accessories must be deducted from the above lift capacities.
2. Lift capacities are based on machine standing on level, firm, and uniform ground. User must make allowance for any conditions such as soft or uneven ground, out of level conditions, side loads, sudden stopping (e.g., hazardous conditions, experience of personnel, etc.).
3. Arm top defined as lift point.

1.5 m kg 3.0 m kg 4.5 m kg 6.0 m kg 7.5 m kg 9.0 m kg

<table>
<thead>
<tr>
<th>10.5 m</th>
<th>9.0 m</th>
<th>7.5 m</th>
<th>6.0 m</th>
<th>4.5 m</th>
<th>3.0 m</th>
<th>2.5 m</th>
</tr>
</thead>
<tbody>
<tr>
<td>13,790</td>
<td>13,790</td>
<td>13,790</td>
<td>13,790</td>
<td>13,790</td>
<td>13,790</td>
<td>13,790</td>
</tr>
</tbody>
</table>

| 2.5 m | 2.0 m | 1.5 m | 1.0 m | | | |
|--------|--------|--------|--------| | | |
| 9,070 | 9,070 | 9,070 | 9,070 | | | |

**SK350NLC**

- **Boom**: 2 piece boom
- **Arm**: 2.6 m
- **Bucket**: without
- **Shoe**: 600 mm (Heavy Lift)

**SK350NLC**

- **Boom**: 2 piece boom
- **Arm**: 4.15 m
- **Bucket**: without
- **Shoe**: 600 mm (Heavy Lift)

**SK350NLC**

- **Boom**: 2 piece boom
- **Arm**: 3.3 m
- **Bucket**: without
- **Shoe**: 600 mm (Heavy Lift)

**STANDARD EQUIPMENT**

- Engine, HINO J08EV 6SDK, diesel engine with turbocharger and intercooler
- Auto idle-Step (AS)
- Batteries (2 x 12V 125Ah)
- Starting motor (24V x 150W) 60 amp alternator
- Automatic engine shut-down for low engine oil pressure
- Engine oil purifier
- Double element air cleaner
- Refueling pump

**CONTROL**

- Working mode selector (H-mode, S-mode and ECO-mode)
- Power Boost
- Heavy-lift
- Object/Handling Kit (boom and arm safety valve + hook)
- Extra N&B piping (proportional hand controlled)

**SWING SYSTEM & TRAVEL SYSTEM**

- Swing/rebound prevention system
- Straight prop system
- Two-speed winch with automatic shift down
- Sealed & lubricated track links
- Groove type track adjusters
- Automatic swing brake

**HYDRAULIC**

- Arm regeneration system
- Auto warm-up system
- Aluminum hydraulic oil cooler
- Hydraulic fluid filter clog detector
- Hydraulic pressure adjustment function for N&B piping
- Quick hitch piping

**OPTIONAL EQUIPMENT**

- Various optional arms
- Wide range of shoes
- Additional track guide
- Two cab lights
- Extended rear tail

**CAB & CONTROL**

- Two control levers, pilot-operated
- Horn, electric
- Cab light (interior)
- Luggage tray
- Large-cap brake
- Detachable two-piece floor mat
- Headrest
- Handrails
- Intermittent windshield wiper with double-spray washer
- Sunlight
- 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
- Kit suction seat with heater (Optional for N&B piping specification)
- Radio, AM/FM stereo with speaker
- ESP pin
- Top guard (ISO3862: 1996)
- Remote machine monitoring system “KOMEXS”
- Tie rope
### Lifting Capacities

#### SK350Lc

<table>
<thead>
<tr>
<th>Boom: 2-piece boom</th>
<th>Arm: 3.3 m</th>
<th>Bucket: without</th>
<th>Max. Reach</th>
<th>Radius</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>3.0 m</strong></td>
<td>8,260</td>
<td>8,260</td>
<td>9,430</td>
<td>7,410</td>
</tr>
<tr>
<td><strong>4.5 m</strong></td>
<td>7,970</td>
<td>7,970</td>
<td>8,600</td>
<td>7,920</td>
</tr>
<tr>
<td><strong>6.0 m</strong></td>
<td>7,110</td>
<td>7,110</td>
<td>7,780</td>
<td>7,180</td>
</tr>
<tr>
<td><strong>8.03 m</strong></td>
<td>6,440</td>
<td>6,440</td>
<td>7,600</td>
<td>6,920</td>
</tr>
<tr>
<td><strong>9.0 m</strong></td>
<td>5,950</td>
<td>5,950</td>
<td>7,910</td>
<td>7,300</td>
</tr>
<tr>
<td><strong>10.39 m</strong></td>
<td>5,690</td>
<td>5,690</td>
<td>8,390</td>
<td>7,850</td>
</tr>
</tbody>
</table>

#### SK350Nlc

<table>
<thead>
<tr>
<th>Boom: 2-piece boom</th>
<th>Arm: 3.3 m</th>
<th>Bucket: without</th>
<th>Max. Reach</th>
<th>Radius</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>3.5 m</strong></td>
<td>8,460</td>
<td>8,460</td>
<td>9,590</td>
<td>7,930</td>
</tr>
<tr>
<td><strong>4.5 m</strong></td>
<td>11,120</td>
<td>11,120</td>
<td>9,420</td>
<td>8,800</td>
</tr>
<tr>
<td><strong>5.49 m</strong></td>
<td>10,140</td>
<td>10,140</td>
<td>9,000</td>
<td>8,500</td>
</tr>
<tr>
<td><strong>6.15 m</strong></td>
<td>9,840</td>
<td>9,840</td>
<td>8,850</td>
<td>8,300</td>
</tr>
<tr>
<td><strong>9.07 m</strong></td>
<td>9,190</td>
<td>9,190</td>
<td>8,200</td>
<td>7,700</td>
</tr>
<tr>
<td><strong>10.77 m</strong></td>
<td>8,820</td>
<td>8,820</td>
<td>7,900</td>
<td>7,450</td>
</tr>
</tbody>
</table>

#### Notes:
1. Do not attempt to lift or load any load that is greater than these lift capacities or that specified lift height.
2. Lift capacities are based on machine standing on level, firm, and uniform ground. The user must make allowances for all other conditions, such as uneven ground, lack of uniform, non-firm ground, adverse weather conditions, side slope, outside stopping radius, hazardous conditions, experience of personnel, etc.
3. Arm top defined as lift point.
4. The above lifting capacities are in compliance with ISO 10567. They do not exceed 87% of hydraulic capacity rather than tipping load.
5. Lifting capacities marked with an asterisk (*) are limited by each machine's relief valve settings.
6. These lifting capacities are in compliance with ISO-10567. They do not exceed 87% of hydraulic capacity rather than tipping load. Lifting capacities marked with an asterisk (*) are limited by hydraulic capacity rather than lifting load. The user must make allowances for all other conditions, such as uneven ground, lack of uniform, non-firm ground, adverse weather conditions, side slope, outside stopping radius, hazardous conditions, experience of personnel, etc.

#### STANDARD EQUIPMENT

- **Engine:** Hino J08EV 68kW, diesel engine with turbocharger and intercooler
- **Auto idle-stop (AS)**
- **Batteries (2 x 12V - 125Ah)**
- **Starting motor (24V - 155Ah), 60 amp alternator**
- **Automatic engine shutoff for low engine oil pressure**
- **Engine oil drain cock**
- **Double element air cleaner**
- **Refueling pump**

#### CONTROLS

- **Working mode selector (H-mode, S-mode and ECO-mode)**
- **Power Boost**
- **Heavy-lift**
- **Object handling kit (Boom and Arm safety valve + hook)**
- **Extra N&B piping (proportional hand controlled)**

#### SWING SYSTEM & TRAVEL SYSTEM

- **Swing/rodbend prevention system**
- **Straight propeller 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**
- **Hydraulic fluid filter/clog detector**
- **Hydraulic pressure adjustment function for N&B piping**
- **Quick hitch piping**

#### OPTIONAL EQUIPMENT

- Various optional arms
- Wide range of shovels
- Additional track guide
- Two cab lights
- Extended tail gate

#### MIRRORS, LIGHTS & CAMERAS

- Rearview mirror
- Three front working lights
- Rear & right side cameras

#### CAB & CONTROL

- Two control levers, pilot-operated
- Horn, electric
- Cab light (interior)
- Luggage tray
- Large cup holder
- Detachable two-piece floor mat
- Hoodvent
- Handrails
- Intermittent windshield wiper with double-spray washer
- Daylight
- 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
- Kit suspension seat with heater (Optional for N&B piping specification)
- Radio, AM/FM stereo with speaker
- USB pin
- Tire pressure (ISO10262 - 1998)

### SK350Lc - 10

<table>
<thead>
<tr>
<th>Engine</th>
<th>Hino J08EV 68kW, diesel engine with turbocharger and intercooler</th>
</tr>
</thead>
</table>

### SK350Nlc - 10

<table>
<thead>
<tr>
<th>Engine</th>
<th>Hino J08EV 68kW, diesel engine with turbocharger and intercooler</th>
</tr>
</thead>
</table>

---

**Relief valve setting:** 37.8 MPa (385 kgf/cm²)

**USB pin**

**Easy-to-read multi-display color monitor**

**Auto idle-stop (AS)**

**Batteries (2 x 12V - 125Ah)**

**Starting motor (24V - 155Ah), 60 amp alternator**

**Automatic engine shutoff for low engine oil pressure**

**Engine oil drain cock**

**Double element air cleaner**

**Refueling pump**

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

**Power Boost**

**Heavy-lift**

**Object handling kit (Boom and Arm safety valve + hook)**

**Extra N&B piping (proportional hand controlled)**

**Swing/rodbend prevention system**

**Straight propeller system**

**Two-speed travel with automatic shift down**

**Sealed & lubricated track links**

**Grease type track adjusters**

**Automatic swing brake**

**Arm regeneration system**

**Auto warm up system**

**Aluminum hydraulic oil cooler**

**Hydraulic fluid filter/clog detector**

**Hydraulic pressure adjustment function for N&B piping**

**Quick hitch piping**

**Various optional arms**

**Wide range of shovels**

**Additional track guide**

**Two cab lights**

**Extended tail gate**

**Rain visor (may interfere with bucket action)**

**Cab guard**

**Travel alarm**

**Lower under cover**

**Rigger capacity P4 pump and steel PTO housing**
**SK350LC-10/SK350NLC-10**

- **Bucket Capacity:** 1.2 - 1.8 m³
- **Engine Power:** 213 kW / 2,100 min⁻¹
- **Operating Weight:** 36,300 - 39,300 kg

Note: This catalog may contain attachments and optional equipment that are not available in your area. 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.

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