STANDARD EQUIPMENT

ENGINE
- ENGINE, HINO J08ETM-KSDQ, diesel engine with turbocharger and intercooler
- turbocharger intercooler
- Automatic engine deceleration
- Auto Idle Stop (AIS)
- Batteries (2 x 12V - 96Ah)
- Starting motor (24V - 5 kW), 50 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

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
- Travel alarm
- Lower under cover
- Three track guides each side

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

MIRRORS, LIGHTS & CAMERAS
- Two rear view mirrors
- Five front working lights (Two for boom, two for cab, one for storage box)
- Swing flashers

CAB & CONTROL
- Two control levers, pilot-operated
- Tow eyes
- Horn, electric
- Cab light (interior)
- Luggage tray
- Large cup holder
- Detachable two-piece floor mat
- Headrest
- Handrails
- Intermittent windshield wiper with double-spray washer
- 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
- Suspension seat
- Remote machine monitoring system (KOMEXS)
- Refueling pump
- Radio, AM/ FM stereo with speaker
- Aux, USB and Bluetooth

OPTIONAL EQUIPMENT

- Various optional arms
- Wide range of shoes
- Top guard (ISO 10262: 1998)
- N&B piping
- Rotate N&B piping
- Front guard protective structure(may interfere with bucket action)
- 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. Due to our policy of continuous product improvements all designs and specifications are subject to change without advance notice.

KOBELCO CONSTRUCTION MACHINERY U.S.A. INC.
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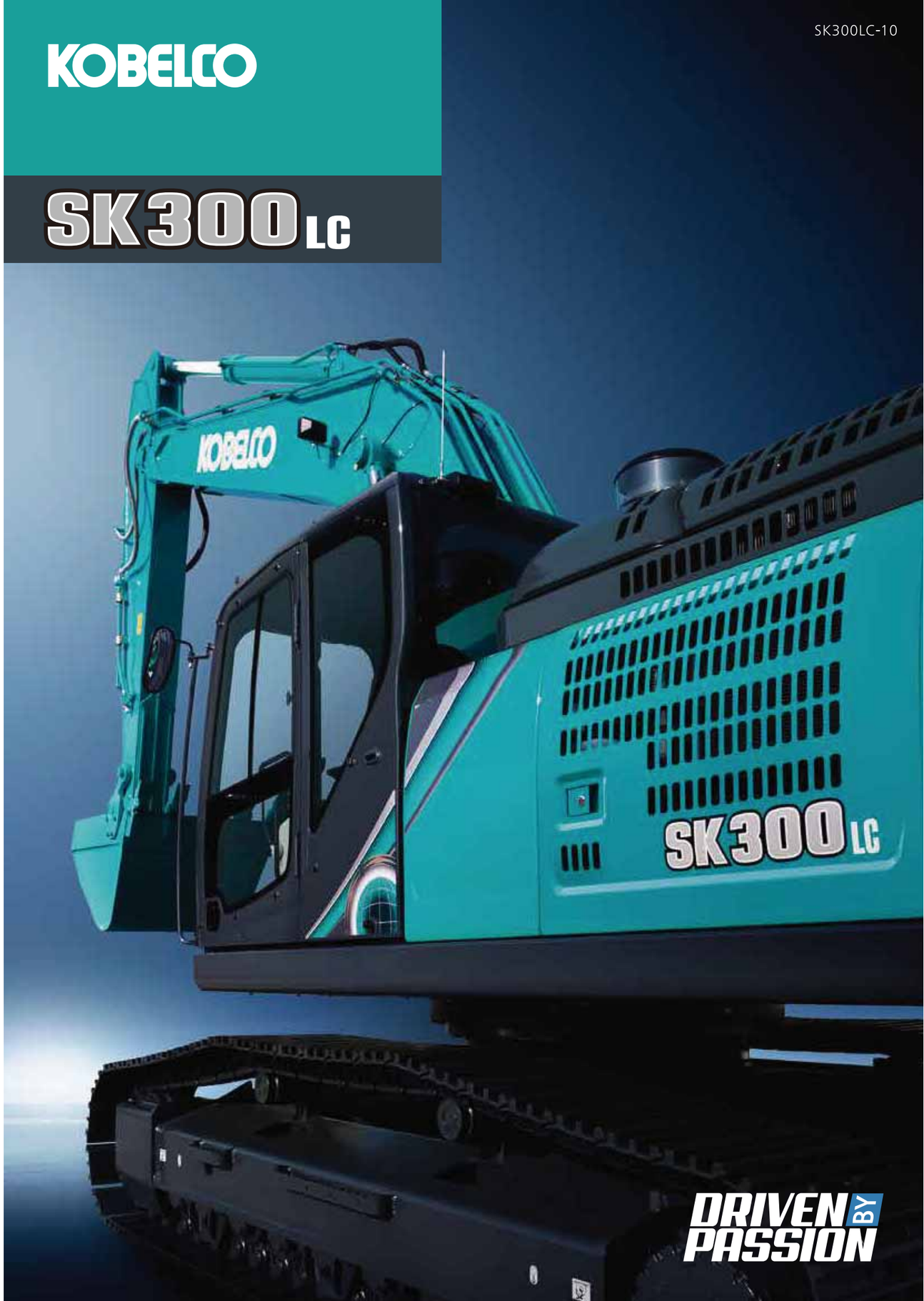
Bulletin No.SK300LC-10-LAR-102-1905E

KOBELCO

SK300LC



Power Meets Efficiency

Higher fuel efficiency means "Efficiency"

Increase in productivity means "Power"

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 SK300LC machines are also more durable than ever, able to withstand the rigors of the toughest job sites. It all adds up to new levels of value that are a step ahead of the times. While focusing on the global environment of the future, Kobelco offers next-generation productivity to meet the need for lower life cycle costs and exceed the expectations of customers the world over.

GENERATION 10

SK300LC

Evolution Continues, with Improved Fuel Efficiency.

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. The electronic-control common-rail engine features high-pressure fuel injection and multiple injection with improved precision. It is fitted with an EGR cooler which greatly reduces PM and NOx emissions, and meets TIERIII Standards.

In Pursuit of Improved Fuel Efficiency

ECO-mode: engineered for economy

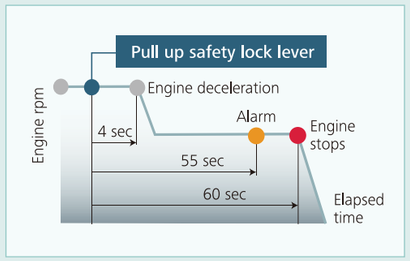
Kobelco's ECO-mode maximizes the operating efficiency of the engine and other components to achieve much greater fuel efficiency. Just press a button to choose the operation mode best suited to the task at hand and the working conditions.

■ Optimal operation with three modes

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

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

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



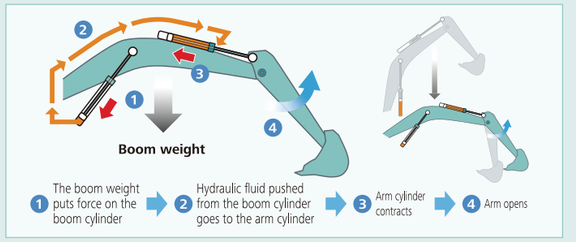
AIS (Auto Idle Stop)

If the boarding/disembarking lever is left up, the engine will stop automatically.
This eliminates wasteful idling during standby, saving fuel and reducing CO_2 emissions as well.

Hydraulic System: Revolutionary Technology Saves Fuel

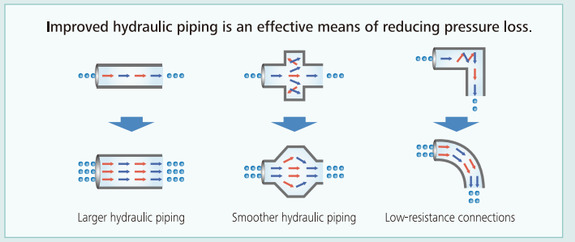
Arm Interflow System NEW

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



Hydraulic circuit reduces energy loss

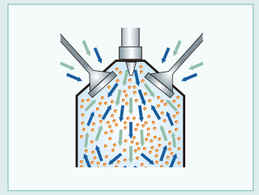
We have made every effort to enhance fuel efficiency by minimizing hydraulic pressure resistance, improving the hydraulic line layout to control friction resistance loss and minimizing valve resistance.



Pursuing maximum fuel efficiency

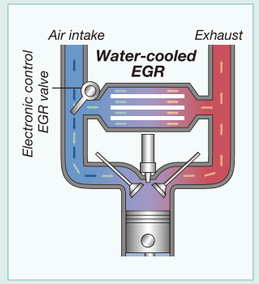
Common rail system

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



EGR cooler

While ensuring sufficient oxygen for combustion, cooled emission gases are mixed with the intake air and recirculated into the engine. This reduces oxygen content and lowers combustion temperature.



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.

Superior Digging Force

■Max. Bucket Digging Force

Normal: **188kN**

With power boost: **208kN**

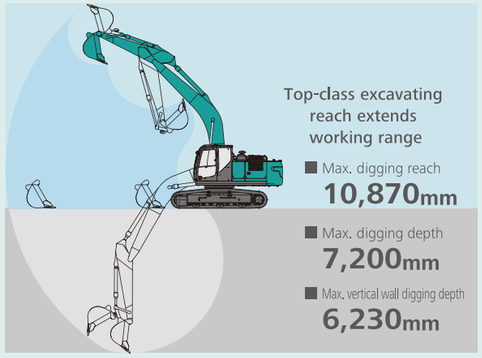
■Max. Arm Crowding Force

Normal: **126kN**

With power boost: **139kN**

*Values are for HD arm (3.10m)

Get More Done Faster with Superior Operability



Top-class excavating reach extends working range

■ Max. digging reach **10,870mm**

■ Max. digging depth **7,200mm**

■ Max. vertical wall digging depth **6,230mm**

*Values are for HD arm (3.10m)

Heavy Lift

10% more hydraulic pressure (Heavy Lift) means greater lifting power, at close radius, allowing for smooth and steady operation while moving heavy objects.

Independent Travel

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

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

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

Top Class Traveling Force

Powerful traveling force and 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: **280kN**

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

Multi-Display in Color

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

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

One-Touch Attachment Mode Switch

A simple 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.

Analog-style gauges

Fuel consumption

Maintenance

Breaker mode

Nibbler mode

Independent Travel mode

Heavy Lift

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

Increase in productivity means "Power"

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

Built to Operate in Tough Working Environments

Redesigned boom offers excellent durability during demanding work conditions to reliably handle work volume.

1 Newly designed boom NEW

Increased boom foot cross section for improve durability against tensile stress

Improved Filtration System Reliability

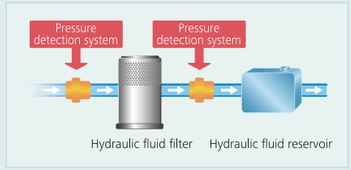
Clean, contaminant-free fuel and hydraulic fluid are essential to stable performance. The improved filtration systems reduce the risk of mechanical trouble and enhance longevity and durability.

Hydraulic Fluid Filter NEW

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

Hydraulic Fluid Filter Clog Detector NEW

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.

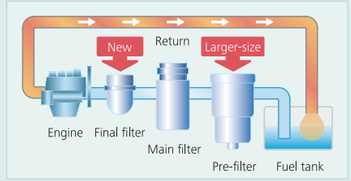


Metal mesh cover air cleaner NEW

Metal mesh cover ensures strength and durability.

Fuel Filter

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



Comfortable Cab Is Now Safer than Ever.

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

Comfort

Super-Airtight Cab

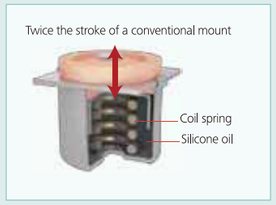
The high level of air-tightness keeps dust out of the cab.

Quiet Inside

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

Low Vibration

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



Air Conditioner Register behind the Seat NEW

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

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.

More Comfortable Seat Means Higher Productivity

Seat suspension absorbs vibration

Seat recliner can be pushed back flat

Double slides allow adjustment for optimum comfort

Interior Equipment Adds to Comfort and Convenience

Automatic AM/FM radio

USB/AUX

12V power outlet

Spacious storage tray

Large cup holder

Safety

ROPS Cab

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

- TOP Guard is fitted as optional.

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.

Expanded Field of View for Greater Safety

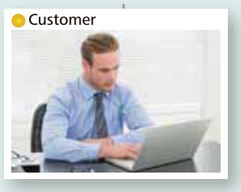
Rearview mirrors left and right

Hammer for emergency exit

Greater safety assured by rearview mirrors on left and right.

Standard rear swing flashers and rear work lights.

KOMEXS KOBELCO MONITORING EXCAVATOR SYSTEM


Customer


KOBELCO office


KOBELCO service personnel

Remote Monitoring for Peace of Mind

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

Direct Access to Operational Status

Location Data

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

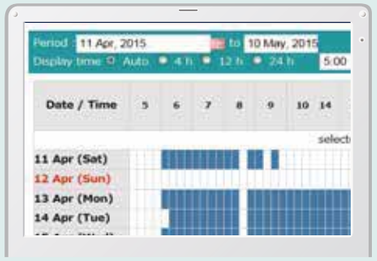

Latest location

Location records

Work data

Operating Hours

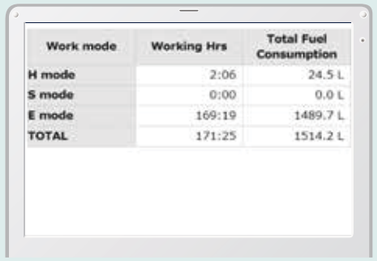
•A comparison of operating times of machines at multiple locations shows which locations are busier and more profitable.
•Operating hours on site can be accurately recorded, for running time calculations needed for rental machines, etc.



Daily report

Fuel Consumption Data

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

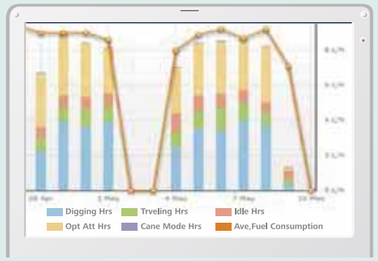


Work mode	Working Hrs	Total Fuel Consumption
H mode	2:06	24.5 L
S mode	0:00	0.0 L
E mode	169:19	1489.7 L
TOTAL	171:25	1514.2 L

Fuel consumption

Graph of Work Content

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

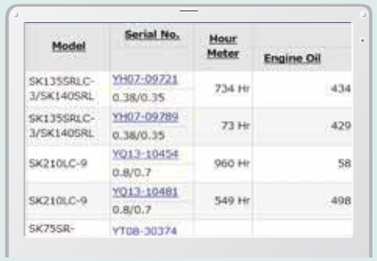


Work status

Maintenance Data and Warning Alerts

Machine Maintenance Data

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



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

Maintenance

Warning Alerts

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

Alarm Information Can Be Received through E-mail

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

Alarm messages can be received on mobile device.

Daily/Monthly Reports

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

Security System

Engine Start Alarm

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

Engine start alarm outside prescribed work time

Area Alarm

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

Alarm for outside of reset area

Efficient Maintenance Keeps the Machine in Peak Operating Condition.

*This picture contains optional cab two lights.

Examples of displaying maintenance information

Machine Information Display Function

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

Easy, On-the-Spot Maintenance NEW

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


Generous space for maintenance work


Step/Hand rail

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

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


Fuel filter with built-in water-separator


Engine oil filter

Right side

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


Left side

Laid out for easy access to radiator and cooling system elements

More Efficient Maintenance Inside the Cab

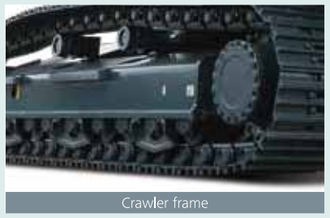

Easy-access fuse box

More finely differentiated fuses make it easier to locate malfunctions.


Air conditioner filters

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

Easy Cleaning


Crawler frame

Special crawler frame design 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.


Engine oil pan

Engine oil pan equipped with drain valve.

Highly Durable Super-fine Filter

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

Replacement cycle: 1,000 hours

Engine

Model	HINO J08ETM-KSDQ
Type	Direct injection, water-cooled, 4-cycle, 6-cylinder diesel engine with intercooler turbo-charger
No. of cylinders	6
Bore and stroke	112 mm x 130 mm
Displacement	7.684 L
Rated power output	173 kW/2,100 min^{-1} (ISO 9249)
	185 kW/2,100 min^{-1} (ISO 14396)
Max. torque	966 N·m/1,600 min^{-1} (ISO 9249)
	998 N·m/1,600 min^{-1} (ISO 14396)

Hydraulic System

Pump	
Type	Two variable displacement pumps + 1 gear pump
Max. discharge flow	2 x 245 L/min, 1 x 21 L/min
Relief valve setting	
Boom, arm and bucket	34.3 MPa {350 kgf/cm^2}
Power boost	37.8 MPa {385 kgf/cm^2}
Travel circuit	34.3 MPa {350 kgf/cm^2}
Swing circuit	29.0 MPa {296 kgf/cm^2}
Control circuit	5.0 MPa {50 kgf/cm^2}
Pilot control pump	Gear type
Main control valves	8-spool
Oil cooler	Air cooled type

Swing System

Swing motor	Axial-piston motor
Brake	Hydraulic; locking automatically when the swing control lever is in neutral position
Parking brake	Oil disc brake, hydraulic operated automatically
Swing speed	10.3 min^{-1} {rpm}
Swing torque	98.6 kN·m (SAE)
Tail swing radius	3,300 mm
Min. front swing radius	4,430 mm

Travel System

Travel motors	2 x axial-piston, two-step motors
Travel brakes	Hydraulic
Parking brakes	Oil disc brake per motor
Travel shoes	50 each side
Travel speed	5.2/3.1 km/h
Drawbar pulling force	280 kN (ISO 7464)
Gradeability	70 % {35°}

Cab & Control

Cab

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

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

Boom, Arm & Bucket

Boom cylinder	140 mm x 1,305 mm
Arm cylinder	150 mm x 1,675 mm
Bucket cylinder	130 mm x 1,208 mm

Refilling Capacities & Lubrications

Fuel tank	503 L
Cooling system	35 L
Engine oil	28.5 L
Travel reduction gear	2 x 8 L
Swing reduction gear	7 L
Hydraulic oil tank	245 L tank oil level
	410 L hydraulic system

Working Ranges

Unit: m

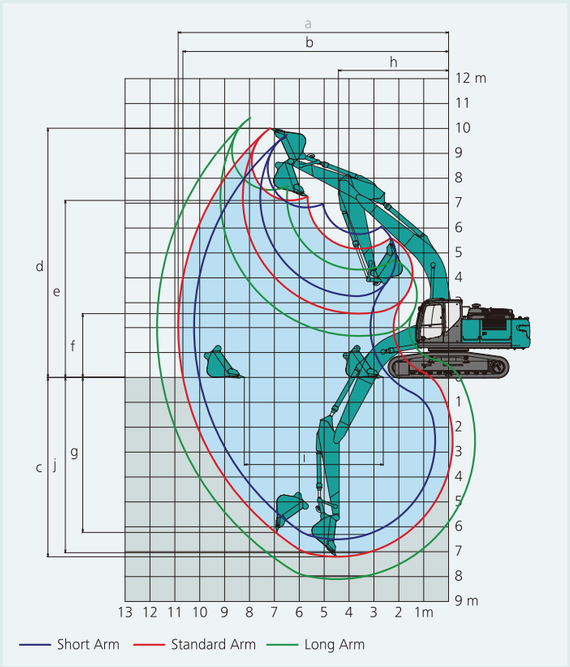
Boom	6.20 m		
Arm / Range	Short 2.40 m	Standard 3.10 m	Long 4.00 m
a- Max. digging reach	10.23	10.87	11.72
b- Max. digging reach at ground level	10.03	10.68	11.54
c- Max. digging depth	6.50	7.20	8.10
d- Max. digging height	9.74	10.01	10.43
e- Max. dumping clearance	6.83	7.11	7.53
f- Min. dumping clearance	3.26	2.56	1.66
g- Max. vertical wall digging depth	5.65	6.23	7.08
h- Min. swing radius	4.40	4.43	4.55
i- Horizontal digging stroke at ground level	4.00	5.58	7.10
j- Digging depth for 2.4 m (8') flat bottom	6.310	7.04	7.97
Bucket capacity ISO heaped m^3		1.20	

Digging Force (ISO 6015)

Unit: kN

Arm length	Short 2.40 m	Standard 3.10 m	Long 4.00 m
Bucket digging force	188 208*	188 208*	188 208*
Arm crowding force	158 174*	126 139*	105 115*

*Power Boost engaged.



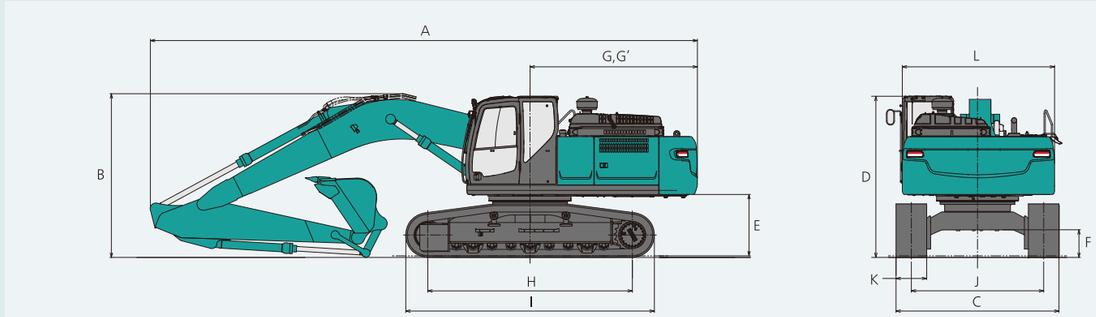
Dimensions

Unit: mm

Arm length		Short 2.40 m	Standard 3.10 m	Long 4.00 m
A	Overall length	10,830	10,710	10,770
B	Overall height (to top of boom)	3,460	3,200	3,430
C	Overall width of crawler		3,190	
D	Overall height (to top of cab)		3,160	
E	Ground clearance of rear end*		1,200	
F	Ground clearance*		510	

G	Tail swing radius	3,300
G'	Distance from center of swing to rear end	3,270
H	Tumbler distance	4,000
I	Overall length of crawler	4,870
J	Track gauge	2,590
K	Shoe width	600
L	Overall width of upperstructure	2,980

*Without including height of shoe

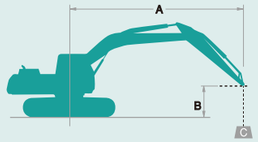


Operating Weight & Ground Pressure

In standard trim, with standard boom, 3.10 m arm, and 1.20 m^3 ISO heaped bucket

Type		Triple grouser shoes (even height)			
Shoe width	mm	600	700	800	900
Overall width	mm	3,190	3,290	3,390	3,490
Ground pressure	kPa (kgf/cm^2)	59 (0.60)	51 (0.52)	45 (0.46)	41 (0.42)
Operating weight	kg	30,900	31,600	32,000	32,400

Lifting Capacities



Rating over front

Rating over side or 360 degrees

A: Reach from swing centerline to arm top
B: Arm top height above/below ground
C: Lifting capacities in Kilograms
Bucket: Without bucket
Relief valve setting: 34.3 MPa (350 kgf/cm²)

SK300LC Boom: 6.20 m Arm: 3.10 m Bucket: without Counterweight: 5,540 kg Shoe: 600 mm

A / B		1.5 m		3.0 m		4.5 m		6.0 m		7.5 m		9.0 m		At Max. Reach		Radius
7.5 m	kg													*3,850	*3,850	7.45 m
6.0 m	kg									*5610	*5,610			*3,640	*3,640	8.37 m
4.5 m	kg							*6,660	*6,660	*6040	5,700			*3,610	*3,610	8.95 m
3.0 m	kg					*10,810	*10,810	*7,970	7,570	*6710	5,460	*5,660	4,120	*3,690	*3,690	9.24 m
1.5 m	kg					*13,130	10,650	*9,240	7,140	*7420	5,230	6,410	4,010	*3,910	3,830	9.28 m
G.L.	kg					*14,240	10,280	*10,130	6,850	*7980	5,050	*5,110	3,940	*4,300	3,900	9.06 m
-1.5 m	kg			*10,550	*10,550	*14,390	10,210	*10,500	6,740	8140	4,980			*4,980	4,190	8.57 m
-3.0 m	kg	*12,330	*12,330	*16,590	*16,590	*13,770	10,330	*10,240	6,780	*7870	5,050			*6,260	4,840	7.76 m
-4.5 m	kg			*17,050	*17,050	*12,100	10,630	*8,890	7,020					*7,850	6,340	6.50 m

SK300LC Boom: 6.20 m Arm: 3.10 m Bucket: without Counterweight: 5,540 kg Shoe: 600 mm (Heavy Lift)

A / B		1.5 m		3.0 m		4.5 m		6.0 m		7.5 m		9.0 m		At Max. Reach		Radius
7.5 m	kg													*4,280	*4,280	7.45 m
6.0 m	kg									*6,330	5,880			*4,060	*4,060	8.37 m
4.5 m	kg							*7,510	*7,510	*6,820	5,700			*4,020	*4,020	8.95 m
3.0 m	kg					*12,170	11,490	*9,000	7,570	*7,590	5,460	*6,280	4,120	*4,110	3,940	9.24 m
1.5 m	kg					*14,790	10,650	*10,430	7,140	*8,390	5,230	6,410	4,010	*4,360	3,830	9.28 m
G.L.	kg					*16,050	10,280	*11,430	6,850	8,220	5,050	*5,680	3,940	*4,790	3,900	9.06 m
-1.5 m	kg			*11,650	*11,650	*16,230	10,210	11,350	6,740	8,140	4,980			*5,540	4,190	8.57 m
-3.0 m	kg	*13,610	*13,610	*18,290	*18,290	*15,530	10,330	11,400	6,780	8,210	5,050			*6,950	4,840	7.76 m
-4.5 m	kg			*19,240	*19,240	*13,670	10,630	*10,050	7,020					*8,890	6,340	6.50 m

SK300LC Boom: 6.20 m Arm: 4.00 m Bucket: without Counterweight: 5,540 kg Shoe: 600 mm

A / B		1.5 m		3.0 m		4.5 m		6.0 m		7.5 m		9.0 m		At Max. Reach		Radius
9.0 m	kg													*2,990	*2,990	7.26 m
7.5 m	kg													*2,690	*2,690	8.49 m
6.0 m	kg									*4,610	*4,610	*3,840	*3,840	*2,560	*2,560	9.31 m
4.5 m	kg									*5,130	*5,130	*5,010	4,230	*2,530	*2,530	9.83 m
3.0 m	kg			*14,570	*14,570	*8,810	*8,810	*6,820	*6,820	*5,870	5,470	*5,390	4,080	*2,580	*2,580	10.10 m
1.5 m	kg					*11,490	10,830	*8,230	7,150	*6,680	5,170	*5,850	3,920	*2,710	*2,710	10.13 m
G.L.	kg			*6,630	*6,630	*13,250	10,180	*9,370	6,750	*7,390	4,930	6,190	3,790	*2,950	*2,950	9.93 m
-1.5 m	kg	*6,380	*6,380	*9,600	*9,600	*14,010	9,920	*10,050	6,530	*7,860	4,790	6,120	3,730	*3,340	*3,340	9.49 m
-3.0 m	kg	*9,740	*9,740	*13,590	*13,590	*13,950	9,910	*10,200	6,480	7,920	4,760			*4,020	3,890	8.77 m
-4.5 m	kg	*13,760	*13,760	*19,150	*19,150	*13010	10,110	*9,610	6,600	*7,210	4,900			*5,400	4,770	7.68 m
-6.0 m	kg			*15,300	*15,300	*10,620	10,560	*7,370	7,000					*7,310	6,970	6.02 m

SK300LC Boom: 6.20 m Arm: 4.00 m Bucket: without Counterweight: 5,540 kg Shoe: 600 mm (Heavy Lift)

A / B		1.5 m		3.0 m		4.5 m		6.0 m		7.5 m		9.0 m		At Max. Reach		Radius
9.0 m	kg													*3,340	*3,340	7.26m
7.5 m	kg													*3,020	*3,020	8.49m
6.0 m	kg									*5,230	*5,230	*4,290	*4,290	*2,880	*2,880	9.31m
4.5 m	kg									*5,820	5,760	*5,700	4,230	*2,850	*2,850	9.83m
3.0 m	kg			*16,400	*16,400	*9,940	*9,940	*7,720	7,690	*6,670	5,470	*6,130	4,080	*2,910	*2,910	10.10m
1.5 m	kg					*12,980	10,830	*9,320	7,150	*7,580	5,170	6,330	3,920	*3,050	*3,050	10.13m
G.L.	kg			*7,340	*7,340	*14,980	10,180	*10,610	6,750	8,110	4,930	6,190	3,790	*3,320	3,280	9.93m
-1.5 m	kg	*7,080	*7,080	*10,620	*10,620	*15,840	9,920	11,150	6,530	7,950	4,790	6,120	3,730	*3,750	3,470	9.49m
-3.0 m	kg	*10,780	*10,780	*15,000	*15,000	*15,770	9,910	11,090	6,480	7,920	4,760			*4,510	3,890	8.77m
-4.5 m	kg	*15,190	*15,190	*21,190	20,430	*14,720	10,110	*10,890	6,600	8,080	4,900			*6,020	4,770	7.68m
-6.0 m	kg			*17,340	*17,340	*12,050	10,560	*8,390	7,000					*8,330	6,970	6.02m

SK300LC Boom: 6.20 m Arm: 2.40 m Bucket: without Counterweight: 5,540 kg Shoe: 600 mm

A / B		3.0 m		4.5 m		6.0 m		7.5 m		At Max. Reach		Radius
7.5 m	kg					*6,290	*6,290			*6,520	*6,520	6.63 m
6.0 m	kg					*6,560	*6,560	*6,450	5,780	*6,510	5,570	7.66 m
4.5 m	kg			*9,450	*9,450	*7,510	*7,510	*6,710	5,660	*6,470	4,810	8.28 m
3.0 m	kg					*8,750	7,480	*7,290	5,450	*6,640	4,440	8.60 m
1.5 m	kg					*9,860	7,110	*7,890	5,260	6,860	4,320	8.64 m
G.L.	kg			*14,600	10,370	*10,520	6,910	8,300	5,140	7,070	4,430	8.41 m
-1.5 m	kg	*10,260	*10,260	*14,290	10,410	*10,620	6,870	8,290	5,130	7,750	4,830	7.88 m
-3.0 m	kg	*18,130	*18,130	*13,230	10,600	*9,960	6,990			*8,170	5,760	6.98 m
-4.5 m	kg			*10,790	*10,790					*8,380	8,220	5.53 m

SK300LC Boom: 6.20 m Arm: 2.40 m Bucket: without Counterweight: 5,540 kg Shoe: 600 mm (Heavy Lift)

A / B		3.0 m		4.5 m		6.0 m		7.5 m		At Max. Reach		Radius
7.5 m	kg					*7,060	*7,060			*7,330	7,120	6.63 m
6.0 m	kg					*7,370	*7,370	*7,270	5,780	*7,240	5,570	7.66 m
4.5 m	kg			*10,620	*10,620	*8,450	7,940	*7,570	5,660	*7,160	4,810	8.28 m
3.0 m	kg					*9,860	7,480	*8,220	5,450	7,010	4,440	8.60 m
1.5 m	kg					*11,120	7,110	8,430	5,260	6,860	4,320	8.64 m
G.L.	kg			*16,440	10,370	11,540	6,910	8,300	5,140	7,070	4,430	8.41 m
-1.5 m	kg	*11,320	*11,320	*16,090	10,410	11,490	6,870	8,290	5,130	7,750	4,830	7.88 m
-3.0 m	kg	*20,420	*20,420	*14,910	10,600	*11,240	6,990			*9,220	5,760	6.98 m
-4.5 m	kg			*12,190	11,020					*9,470	8,220	5.53 m

Notes:

1. Do not attempt to lift or hold any load that is greater than these lift capacities at their specified lift point radius and heights. Weight of all accessories must be deducted from the above lift capacities.
2. Lift capacities are based on machine standing on level, firm, and uniform ground. User must make allowance for job conditions such as soft or uneven ground, out of level conditions, side loads, sudden stopping of loads, hazardous conditions, experience of personnel, etc.
3. Arm top defined as lift point.
4. 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.
5. Operator should be fully acquainted with the Operator's and Maintenance Instructions before operating this machine. Rules for safe operation of equipment should be adhered to at all times.
6. Lift capacities apply to only machine as originally manufactured and normally equipped by KOBELCO CONSTRUCTION MACHINERY CO., LTD.