

KOBELCO

Performance  Design

SK380SRLC

■ Bucket capacity:

1.20 m³

■ Engine power:

200 kW / 2,100 min⁻¹

■ Operating weight:

36,600 - 39,100 kg



Complies with the EU Stage V
exhaust emission regulation

We Save You Fuel
Achieving a Low-Carbon Society



SK380SR_{LC}



Performance Design

SK380SRLC of KOBELCO has realised a completely new value by harmonising PERFORMANCE – greater efficiency and productivity with an increased power and speed and DESIGN – operator-based operability and comfort, refusing to accept any compromises.

In pursuit of unique and matchless machines which are unforgettable once you use them, KOBELCO will continue to rise to meet every challenge.



PREMIER OPERATOR COMFORTS

Air suspension seat with heating

A GRAMMER* seat is installed as standard equipment, which achieves excellent shock absorption and superior ride comfort.

*GRAMMER is trademark of GRAMMER AG, registered in Germany and other countries.

Air conditioner

Air is blown against the operator's waist and the back of their head, offering more comfortable operation.

Lever angles allow for comfortable operations

The operator can move the levers horizontally without twisting their wrist, which reduces the fatigue caused by the operations.



Big Roomy Cab Interior

The cube design makes the most of straight lines, so the cab interior is more spacious. Operating space literally spreads out before the operator.

Super-Airtight Cab

The high level of airtightness ensures a quiet, comfortable cabin interior, and keeps dust out of the cab.



Low Vibration

Coil springs absorb small vibrations and high suspension mounts filled with silicone oil reduce heavy vibration.



EXCELLENT LIFTING AND DIGGING PERFORMANCE IN NARROW SPACES

Drawbar Pulling Force (SAE)

Excellent drawbar force lets you conquer rough terrain and slopes.

314 kN

Lifting Capacity

12,390 kg

(Reach: 6.00m Boom: 6.20m Arm: 3.10m Bucket: Without
Shoe: 600mm (Heavy Lift) At Ground Level)

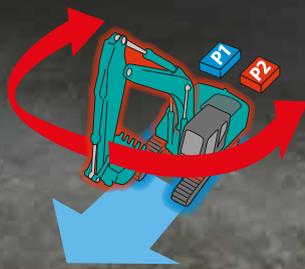
Heavy Lift

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



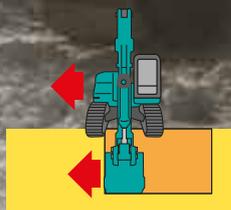
Independent Travel

Automatic 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.



Swing Priority

Our exclusive system automatically and instantly delivers full swing power during combined operations. There's no need to switch modes to make quick work of jobs like side-digging and back-filling.





Power Boost

When you need more power instantly, engage Power Boost to get 10% more power with no time limit.

■ Max. Bucket Digging Force (Arm: 3.10 m)

Normal: **189 kN**

With Power Boost: **208 kN**

■ Max. Arm Crowding Force (Arm: 3.10 m)

Normal: **126 kN**

With Power Boost: **139 kN**



* The picture shows 850mm shoe.850mm shoe is optional equipment.

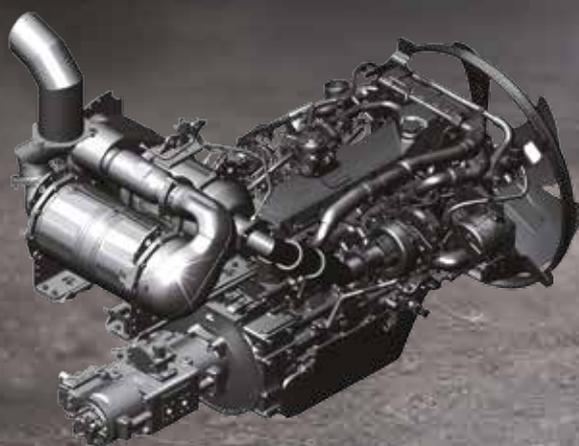
EXCEPTIONAL PERFORMANCE JUST GOT EVEN BETTER

KOBELCO engines comply with Stage V Final emissions regulations

Hino engines are renowned for fuel efficiency and environmental performance, and KOBELCO has tuned them specifically for construction machinery. The high-pressure common rail fuel injection system, the variable-geometry (VG) turbocharger, and the exhaust gas recirculation (EGR) system reduce particulate matter (PM) while the large EGR cooler greatly reduces the formation of Nitrogen Oxide (NOx) gases.



Figures above show the value for standard boom and standard arm spec.



Model: HINO J08EYD-KSDS

Engine output

200kW / 2,100 min⁻¹



Short radius design occupies only one lane of highway

In addition to excellent lifting and digging performance, the SK380SRLC has adopted the attachment mode for a variety of tasks such as breaking and operates effectively even in narrow spaces as a single highway lane. Moreover, the cab permits operators to concentrate on work in a wide and comfortable space.



* The picture shows 850mm shoe.850mm shoe is optional equipment.

EASY MAINTENANCE



Ground level Urea tank



Ground level storage compartment access



Two-stage air filter



Engine maintenance

A special lower access step, near the engine, simplifies maintenance.



Remote fuel tank drain valve



Engine oil filter



Ground level maintenance

Fuel filter / Fuel filter with built-in water-separator



Enlarged fuel filter

The enlarged fuel filter with built-in water separator maximizes filtering performance.

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-style gauges provide an intuitive reading of fuel level and engine temperature
- 2 Green indicates ECO mode selected or efficient operation in other modes
- 3 PM accumulation (left)/DEF level (right)
- 4 Fuel consumption/Rear-view camera
- 5 Digging mode switch
- 6 Monitor display switch

One-touch attachment mode switch

A simple flick of switch converts the hydraulic circuit and flow amount to match attachments. Helpful icons let the operator confirm the proper configuration at a glance.



PM accumulation / Urea accumulation display



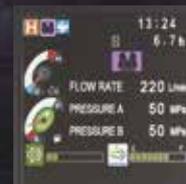
Fuel consumption



Maintenance



Breaker mode



Nibbler mode

SAFETY ON FULL DISPLAY

Standard Safety Camera System

Thanks to the cameras on the right, the operator inside the cab can confirm the safety of the worksite. The additional monitor makes it easy to confirm the situation. So, Safety can be confirmed with the left rear cab mirror and the right camera.

Standard



Rear view



Right view

Optional



Rear view

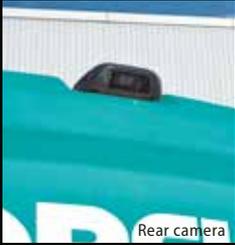


Right view

Left view (optional)

* The picture shows 850mm shoe (optional equipment)

SAFETY AND CONVENIENCE IN EVERY CORNER



Rear camera



Left camera (optional)



Right camera

Standard built-in rear and right side cameras

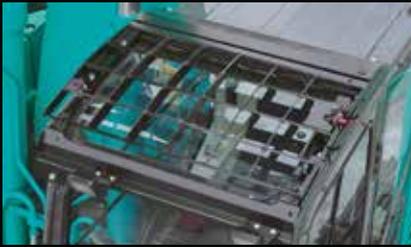


Rear-view mirror



Piping for Quick Hitch

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



Standard FOPS overhead cab guard

The standard FOPS guard can be tilted open for easy window cleaning. Meets standard FOPS, Top Guard Level II requirements. (ISO10262)



Rain visor and Cab 2 lights is fitted as optional



Standard LED lights

Bright LED lights ensure visibility even during night work.



DAB+ radio (FM/AM & AUX & USB & Bluetooth* & hands-free telephone)

Bluetooth* installed to allow connections with smartphones and other devices.



Powerful automatic air conditioner

Also standard is an automatic air conditioner that maintains a comfortable interior environment all year around.



Handrail

The handrail on the step side allows easy access to the maintenance port on the upper arm.



Total Support for Machines with Network Speed and Accuracy

KOMEXS is a cellular based telematics system for receiving machine information. Manage your machines anywhere in the world using the Internet. Location, workload and diagnostic data aid business operations.

Direct Access to Operational Status

Location Data

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

Fuel Consumption Data

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

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.

Graph of Work Content

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



KOBELCO service personnel/dealer/customer

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.

Security System

Engine Start Alarm

Sends a notification if the engine is started outside of pre-defined hours.

Area Alarm

Sends a notification if the machine leaves a pre-defined area.

Standard and Optional Equipment

● = Std ○ = Opt — = N/A

Category	Description	SK380SR _{LC}	
		Mono Boom	2 Piece Boom
Engine	Hino J08EYD-KSDS (EU Stage V compliant)	●	
	Exhaust DOC DPF SCR system	●	
	Alternator 24 V/60 A	●	
	Starter motor 24 V/5 kW	●	
	Batteries 2 x 120 Ah	●	
	Fan suction type cooling system	●	
	Auto deceleration function	●	
	Auto idle stop	●	
Hydraulic system	3 work modes H, S, Eco	●	
	Power boost (37.8 MPa {385 kgf/cm ² })	●	
	Heavy lift mode	●	
	Pressure release function	●	
	Independent travel function	●	
	Auto warm up system	●	
	Proportional Hand Control (for E&N&B piping)	●	
	Hydraulic oil VG32	●	
	Hydraulic oil VG46	○	
	Hydraulic oil VG68	○	
Piping	E & N&B piping	●	
	QH piping	●	
Cabin	Air suspension seat with heating	●	
	Cluster gauge	●	
	Air-conditioner	●	
	DAB+ radio (FM/AM & AUX & USB & Bluetooth* & hands free telephone)	●	
	Harness for CAB four lights and CAB yellow flasher	●	
	12 V power supply	●	
	Rain visor	○	
Lights	LED work lights ; 2 on boom & 1 on upper frame	●	
	LED work lights ; 2 on Cab top front	○	
Working equipment	Standard Boom (6.20 m)	●	
	2 Piece Boom	○	
	Standard arm (3.10 m) with rock guard	●	
	Short arm (2.40 m) with rock ruard	○	
	OHK hook	●	
Counterweight	Standard C/W (TTL 9,000 kg)	●	
Undercarriage	600 mm steel shoe	●	
	600 mm double grouser shoe	○	
	700 mm steel shoe	○	
	800 mm steel shoe	○	
	850 mm steel shoe	○	
	Track guide (one per side)	●	
	Additional track guides (two additional per side)	○	
	Lower frame guard	●	
Safety	Engine emergency stop switch	●	
	Pump emergency mode (KPSS release switch)	●	
	Emergency accel dial	●	
	Emergency manual valve for lowering attachment	●	
	Over load alarm	●	
	Safety valve for boom & arm cylinder	●	
	Safety valve for jib cylinder	—	●
	ROPS compliant cab (ISO 12117-2:2008)	●	
	OPG Level II top guard (ISO 10262;1998)	●	
	OPG Level II front guard (ISO 10262;1998)	○	
	Rear + Right + Left view camera	●	
	Travel alarm	○	
Others	Refueling pump	●	
	Harness for engine room light	●	
	Ral color	○	
	KOMEXS	●	

Note: Bluetooth* is a registered trademark of the Bluetooth SIG Inc.

Specifications

Engine

Model	HINO J08EYD-KSDS
Type	Direct Injection, water-cooled, 4cycle diesel engine with turbocharger, intercooler complies with EU stage V exhaust emission regulation
No. of cylinders	6
Bore and stroke	112 mm × 130 mm
Displacement	7.684 L
Rated power output	188 kW/2,100 min ⁻¹ (ISO 9249: with fan)
	200 kW/2,100 min ⁻¹ (ISO 14396: without fan)
Max. torque	989 N·m/1,600 min ⁻¹ (ISO 9249: with fan)
	1,017 N·m/1,600 min ⁻¹ (ISO 14396: without fan)

Hydraulic system

Pump	
Type	Axial piston pumps + extra gear pump + pilot gear pump
Max. discharge flow	2 × 246 L/min, 1 × 43 L/min, 1 × 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	One fixed displacement piston pump
Parking brake	Wet multiple plate
Swing speed	8.4 min ⁻¹
Swing torque	120 kN (SAE)
Tail swing radius	1,900 mm
Min. front swing radius	3,450 mm

Attachments

Backhoe bucket and combination

Use	Backhoe bucket		
	Normal digging		
Bucket capacity	ISO heaped	m ³	1.20
Opening width	With side cutter	mm	1,490
	Without side cutter	mm	1,300
No. of teeth			5
Bucket weight		kg	1,060
Combination	3.10 m standard arm		○
	2.40 m short arm		○

○ Recommended

Travel system

Travel motors	2 × axial-piston, two-step motors
Parking brakes	Wet multiple plate
Travel shoes	48 each side
Travel speed	4.6/2.8 km/h
Drawbar pulling force	314 kN (SAE)
Gradeability	70 % {35°}

Cab & control

Cab

All-weather, sound-suppressed steel cab mounted on the silicon-sealed suspension mounts 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

Noise levels

External 105 dB(A) (2000/14/EC)

Operator 72 dB(A) (ISO 6396)

Vibration levels

Hand/arm* ≤ 2.5 m/s²

Body* ≤ 0.5 m/s²

*For the risk assessment according to 2002/44/EC, refer to ISO/TR 25398: 2006.

Boom, arm & bucket

Boom cylinders	145 mm x 1,361 mm
Arm cylinder	150 mm x 1,675 mm
Bucket cylinder	130 mm x 1,208 mm

Refilling capacities & lubrications

Fuel tank	350 L
Cooling system	35 L
Engine oil	28.5 L
Travel reduction gear	2 × 7.5 L
Swing reduction gear	7.4 L
Hydraulic oil tank	245 L tank oil level
	440 L hydraulic system
DEF/Urea tank	20.7 L

Working ranges

Unit: m

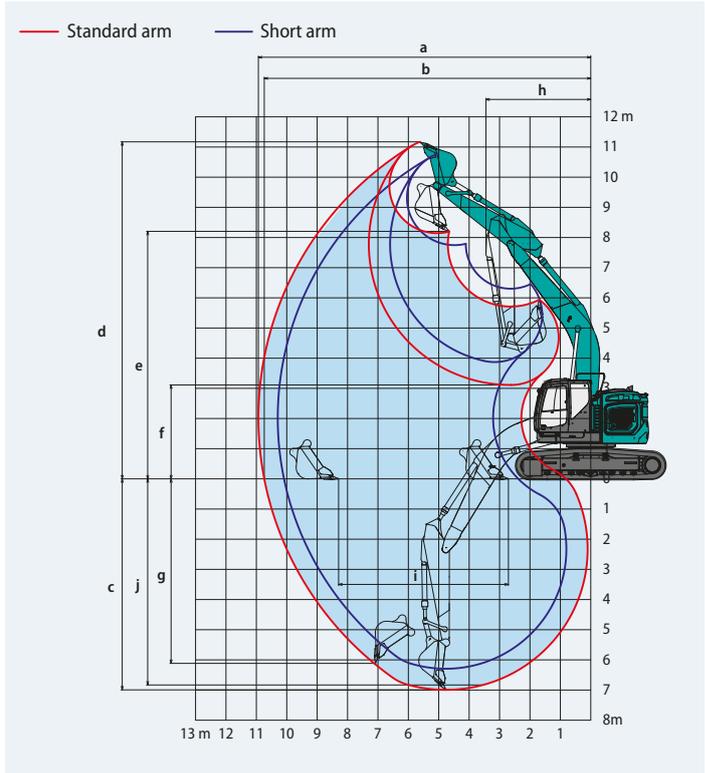
Range	Arm	6.20 m	
		Short 2.40 m	Standard 3.10 m
a- Max. digging reach		10.30	10.93
b- Max. digging reach at ground level		10.09	10.74
c- Max. digging depth		6.29	6.99
d- Max. digging height		10.78	11.17
e- Max. dumping clearance		7.75	8.15
f- Min. dumping clearance		3.87	3.11
g- Max. vertical wall digging depth		5.69	6.11
h- Min. swing radius		3.56	3.45
i- Horizontal digging stroke at ground level		3.99	5.59
j- Digging depth for 2.4 m (8') flat bottom		6.10	6.83
Bucket capacity ISO heaped m ³		1.20	

Digging force (ISO 6015)

Unit: kN

Arm length	Short 2.40 m	Standard 3.10 m
Bucket digging force	189 / 208*	189 / 208*
Arm crowding force	158 / 174*	126 / 139*

*Power Boost engaged.



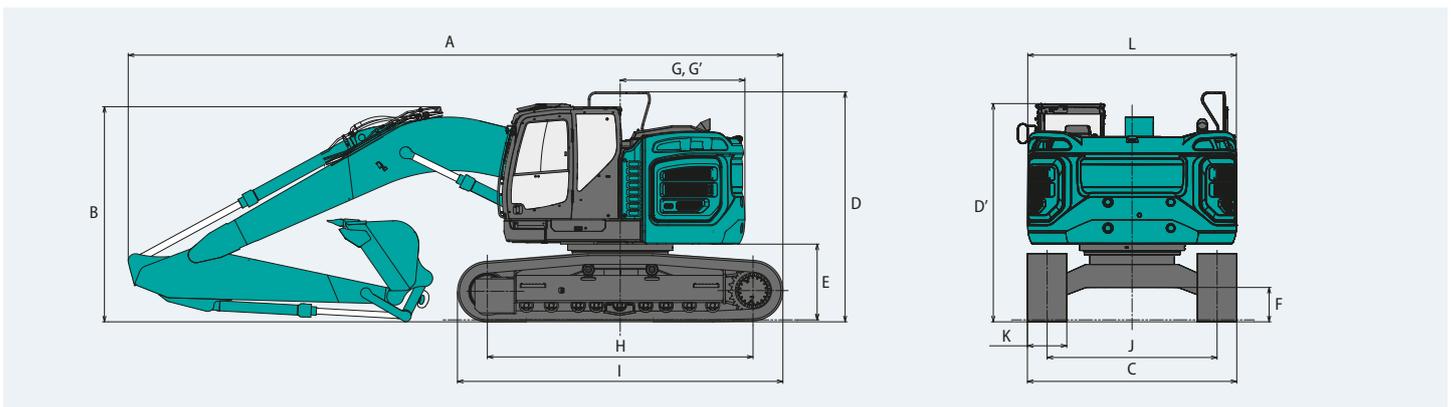
Dimensions

Unit: mm

Arm length	Short 2.40 m	Standard 3.10 m
A Overall length	10,100	9,980
B Overall height (to top of boom)	3,550	3,300
C Overall width	3,190	
D Overall height (to top of handrail)	3,530	
D' Overall height (to top of cab)	3,350	
E Ground clearance of rear end*	1,160	

F Ground clearance*	500
G Tail swing radius	1,900
G' Distance from center of swing to rear end	1,900
H Tumbler distance	4,050
I Overall length of crawler	4,960
J Track gauge	2,590
K Shoe width	600
L Overall width of upperstructure	3,180

*Without including height of shoe lug



Operating weight & ground pressure Standard Boom

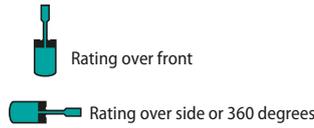
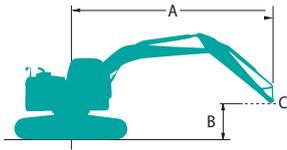
Boom: 6.20 m Arm: 2.40 m Bucket: 1.20 m³ ISO heaped

Type of Grouser	Triple grouser				Double grouser	
Shoes	mm	600	700	800	850	600
Ground pressure	kPa	68	60	53	50	69
Operating weight	kg	36,600	37,400	37,800	38,000	37,100

Boom: 6.20 m Arm: 3.10 m Bucket: 1.20 m³ ISO heaped

Type of Grouser	Triple grouser				Double grouser	
Shoes	mm	600	700	800	850	600
Ground pressure	kPa	69	60	53	51	70
Operating weight	kg	36,800	37,600	38,000	38,200	37,300

Lift Capacities



A - Reach from swing centerline to arm top
 B - Arm top height above/below ground
 C - Lift point
 Relief valve setting: 37.8 MPa {385 kgf/cm²}

SK380SRLC		Boom: 6.20 m Arm: 2.40 m Bucket: without Counterweight: 9,000 kg Shoe: 600mm (Heavy Lift)										
A \ B		3.0 m		4.5 m		6.0 m		7.5 m		At Max. Reach		Radius
9.0m	kg									*8,950	*8,950	5.04 m
7.5m	kg					*8,630	*8,630			*7,680	7,080	6.72 m
6.0m	kg			*10,240	*10,240	*9,010	8,450	*8,510	5,870	*7,230	5,540	7.74 m
4.5m	kg			*13,030	12,370	*10,150	8,040	*8,840	5,720	*7,150	4,780	8.36 m
3.0m	kg					*11,540	7,550	9,330	5,500	*7,340	4,410	8.67 m
1.5m	kg					*12,610	7,150	9,090	5,280	7,310	4,290	8.71 m
G.L.	kg			*15,460	10,410	12,440	6,940	8,940	5,150	7,530	4,390	8.47 m
-1.5m	kg	*11,100	*11,100	*16,530	10,460	12,390	6,890	8,920	5,130	8,260	4,790	7.94 m
-3.0m	kg	*18,730	*18,730	*14,550	10,650	*11,150	7,010			*8,880	5,720	7.03 m
-4.5m	kg			*10,840	*10,840					*8,260	8,180	5.58 m

SK380SRLC		Boom: 6.20 m Arm: 3.10 m Bucket: without Counterweight: 9,000 kg Shoe: 600mm (Heavy Lift)												
A \ B		3.0 m		4.5 m		6.0 m		7.5 m		9.0 m		At Max. Reach		Radius
9.0m	kg					*5,380	*5,380					*4,790	*4,790	6.10 m
7.5m	kg					*7,420	*7,420	*4,530	*4,530			*4,240	*4,240	7.53 m
6.0m	kg					*7,960	*7,960	*7,600	5,960			*4,030	*4,030	8.45 m
4.5m	kg		*16,910	*11,300	*11,300	*9,180	8,170	*8,110	5,770	*4,280	4,250	*3,990	*3,990	9.03 m
3.0m	kg			*14,640	11,590	*10,700	7,640	*8,860	5,500	*6,770	4,140	*4,090	3,910	9.31 m
1.5m	kg			*17,010	10,690	*12,030	7,180	9,070	5,250	6,910	4,020	*4,330	3,800	9.35 m
G.L.	kg			*17,670	10,320	12,390	6,870	8,860	5,070	*6,450	3,940	*4,770	3,860	9.13 m
-1.5m	kg		*11,420	*17,140	10,250	12,250	6,750	8,770	4,990			*5,530	4,150	8.64 m
-3.0m	kg		*18,020	*15,650	10,370	*11,810	6,790	8,840	5,050			*6,960	4,800	7.82 m
-4.5m	kg		*17,300	*12,830	10,690	*9,480	7,040					*8,160	6,290	6.54 m

- Note:
- 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.
 - Bucket pin attachment point defined as lift point.
 - The above lift capacities are in compliance with ISO 10567. They do not exceed 87% of hydraulic lift capacity or 75% of tipping load. Lift capacities marked with an asterisk (*) are limited by hydraulic capacity rather than tipping load.
 - Operator should be fully acquainted with the Operator's and Maintenance Instructions before operating this machine. Rules for safe operation of equipment should be adhered to at all times.
 - Lift capacities apply to only machine as originally manufactured and normally equipped by KOBELCO CONSTRUCTION MACHINERY CO., LTD.

Engine

Model	HINO J08EYD-KSDS
Type	Direct Injection, water-cooled, 4cycle diesel engine with turbocharger, intercooler complies with EU stage V exhaust emission regulation
No. of cylinders	6
Bore and stroke	112 mm × 130 mm
Displacement	7.684 L
Rated power output	188 kW/2,100 min ⁻¹ (ISO 9249: with fan)
	200 kW/2,100 min ⁻¹ (ISO 14396: without fan)
Max. torque	989 N-m/1,600 min ⁻¹ (ISO 9249: with fan)
	1,017 N-m/1,600 min ⁻¹ (ISO 14396: without fan)

Hydraulic system

Pump	
Type	Axial piston pumps + extra gear pump + pilot gear pump
Max. discharge flow	2 × 246 L/min, 1 × 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	One fixed displacement piston pump
Parking brake	Wet multiple plate
Swing speed	8.4 min ⁻¹
Swing torque	120 kN (SAE)
Tail swing radius	1,900 mm
Min. front swing radius	2,990 mm

Attachments

Backhoe bucket and combination

Use	Backhoe bucket		
	Normal digging		
Bucket capacity	ISO heaped	m ³	1.20
Opening width	With side cutter	mm	1,490
	Without side cutter	mm	1,300
No. of teeth			5
Bucket weight		kg	1,060
Combination	3.10 m standard arm		○
	2.40 m short arm		○

○ Recommended

Travel system

Travel motors	2 × axial-piston, two-step motors
Parking brakes	Wet multiple plate
Travel shoes	48 each side
Travel speed	4.6/2.8 km/h
Drawbar pulling force	314 kN (SAE)
Gradeability	70 % {35°}

Cab & control

Cab	
All-weather, sound-suppressed steel cab mounted on the silicon-sealed suspension mounts 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	
Noise levels	
External	105 dB(A) (2000/14/EC)
Operator	72 dB(A) (ISO 6396)
Vibration levels	
Hand/arm*	≤ 2.5 m/s ²
Body*	≤ 0.5 m/s ²

*For the risk assessment according to 2002/44/EC, refer to ISO/TR 25398: 2006.

Boom, arm & bucket

Boom cylinders	145 mm x 1,295 mm
Arm cylinder	150 mm x 1,675 mm
Bucket cylinder	130 mm x 1,208 mm
Jib cylinder	150 mm x 1,230 mm

Refilling capacities & lubrications

Fuel tank	350 L
Cooling system	35 L
Engine oil	28.5L
Travel reduction gear	2 × 7.5 L
Swing reduction gear	7.4 L
Hydraulic oil tank	245 L tank oil level
	440 L hydraulic system
DEF/Urea tank	20.7 L

Working ranges

Unit: m

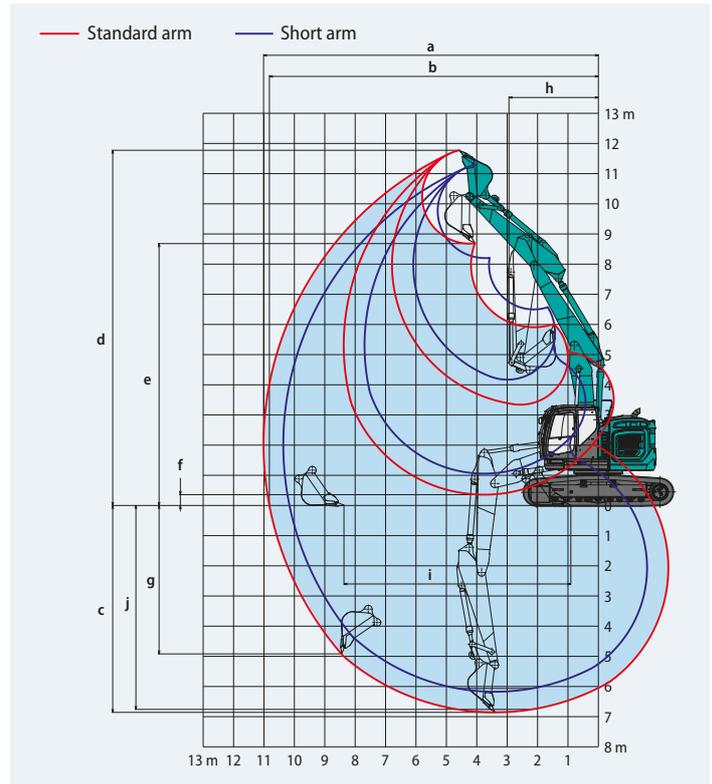
Boom	3.32 m + 2.98 m	
Range	Arm Short 2.40 m	Standard 3.10 m
a- Max. digging reach	10.36	11.01
b- Max. digging reach at ground level	10.16	10.82
c- Max. digging depth	6.17	6.86
d- Max. digging height	11.30	11.77
e- Max. dumping clearance	8.20	8.68
f- Min. dumping clearance	1.06	0.36
g- Max. vertical wall digging depth	4.30	4.92
h- Min. swing radius	3.41	2.99
i- Horizontal digging stroke at ground level	6.15	7.46
j- Digging depth for 2.4 m (8') flat bottom	6.06	6.76
Bucket capacity ISO heaped m ³	1.20	

Digging force (ISO 6015)

Unit: kN

Arm length	Short 2.40 m	Standard 3.10 m
Bucket digging force	189 / 208*	189 / 208*
Arm crowding force	158 / 174*	126 / 139*

*Power Boost engaged.



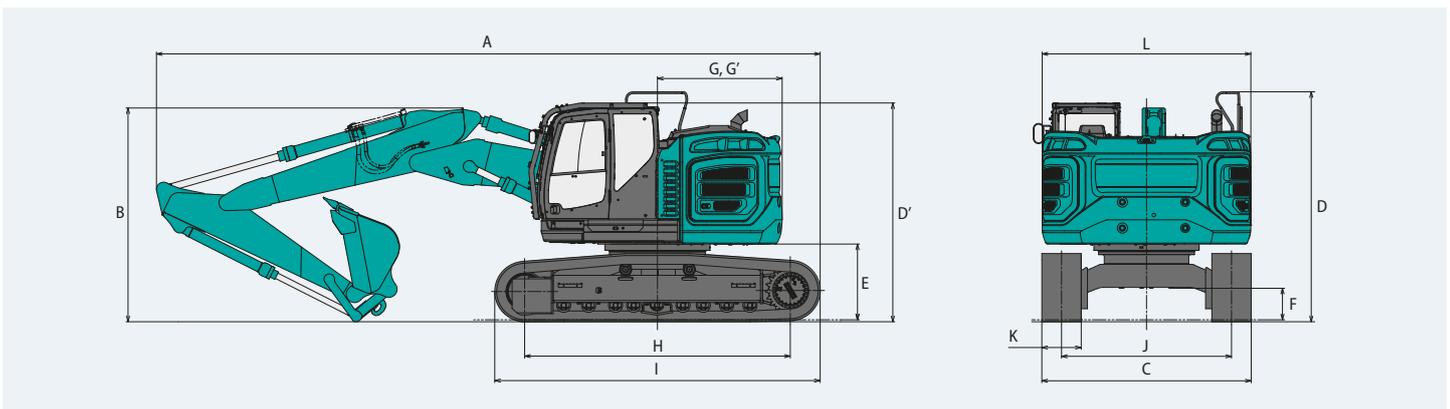
Dimensions

Unit: mm

Arm length	Short 2.40 m	Standard 3.10 m
A Overall length	9,530	9,470
B Overall height (to top of boom)	3,280	3,100
C Overall width	3,190	
D Overall height (to top of handrail)	3,530	
D' Overall height (to top of cab)	3,360	
E Ground clearance of rear end*	1,160	

F Ground clearance*	485
G Tail swing radius	1,900
G' Distance from center of swing to rear end	1,900
H Tumbler distance	4,050
I Overall length of crawler	4,960
J Track gauge	2,590
K Shoe width	600
L Overall width of upperstructure	3,180

*Without including height of shoe lug



Operating weight & ground pressure 2 Piece Boom

2 Piece Boom Arm: 2.40 m Bucket: 1.20 m³ ISO heaped

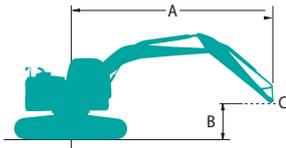
Type of Grouser	Triple grouser				Double grouser	
Shoes	mm	600	700	800	850	600
Ground pressure	kPa	70	61	54	51	71
Operating weight	kg	37,400	38,200	38,700	38,900	37,900

2 Piece Boom Arm: 3.10 m Bucket: 1.20 m³ ISO heaped

Type of Grouser	Triple grouser				Double grouser	
Shoes	mm	600	700	800	850	600
Ground pressure	kPa	70	62	55	52	71
Operating weight	kg	37,600	38,400	38,900	39,100	38,100

Lift Capacities

SK380SRLC
SK380SRLC



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 - Lift point

Relief valve setting: 37.8 MPa {385 kgf/cm²}

SK380SRLC		2 Piece Boom		Arm: 2.40 m		Bucket: without		Counterweight: 9,000 kg		Shoe: 600mm (Heavy Lift)				
A \ B		1.5 m		3.0 m		4.5 m		6.0 m		7.5 m		At Max. Reach		Radius
		Rating over front	Rating over side or 360 degrees	Rating over front	Rating over side or 360 degrees	Rating over front	Rating over side or 360 degrees	Rating over front	Rating over side or 360 degrees	Rating over front	Rating over side or 360 degrees	Rating over front	Rating over side or 360 degrees	
9.0m	kg					*11,430	*11,430					*9,190	*9,190	5.15 m
7.5m	kg					*11,020	*11,020	*9,830	8,510			*7,800	6,780	6.80 m
6.0m	kg					*12,150	*12,150	*10,130	8,320	*9,090	5,730	*7,280	5,310	7.81 m
4.5m	kg			*14,910	*14,910	*14,450	12,150	*11,040	7,870	9,260	5,580	*7,130	4,580	8.43 m
3.0m	kg			*22,210	*22,210	*16,060	11,280	*12,080	7,350	8,990	5,340	7,090	4,220	8.74 m
1.5m	kg			*27,900	21,720	*17,630	10,600	12,220	6,940	8,750	5,120	6,950	4,110	8.78 m
G.L.	kg	*26,800	*26,800	*26,870	21,160	*13,930	10,140	11,980	6,730	8,610	5,000	7,180	4,220	8.54 m
-1.5m	kg					*14,710	10,230	*11,590	6,710	8,610	5,000	*7,800	4,630	8.02 m
-3.0m	kg					*11,860	10,490	*9,420	6,880			*6,990	5,550	7.13 m
-4.5m	kg			*19,290	*19,290							*4,880	*4,880	5.69 m

SK380SRLC		2 Piece Boom		Arm: 3.10 m		Bucket: without		Counterweight: 9,000 kg		Shoe: 600mm (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
		Rating over front	Rating over side or 360 degrees	Rating over front	Rating over side or 360 degrees	Rating over front	Rating over side or 360 degrees	Rating over front	Rating over side or 360 degrees	Rating over front	Rating over side or 360 degrees	Rating over front	Rating over side or 360 degrees			
9.0m	kg							*6,130	*6,130					*4,890	*4,890	6.21 m
7.5m	kg							*8,440	*8,440	*5,260	*5,260			*4,300	*4,300	7.63 m
6.0m	kg					*9,280	*9,280	*9,250	8,490	*8,310	5,840			*4,050	*4,050	8.54 m
4.5m	kg			*15,860	*15,860	*13,010	12,620	*10,240	8,030	*8,740	5,630	*5,020	4,120	*3,980	*3,980	9.11 m
3.0m	kg			*24,000	22,660	*15,670	11,310	*11,430	7,460	9,020	5,350	6,770	4,020	*4,040	3,730	9.39 m
1.5m	kg			*27,940	20,830	*16,980	10,380	12,270	6,970	8,730	5,090	6,640	3,890	*4,250	3,630	9.43 m
G.L.	kg			*24,510	20,530	*16,740	10,020	11,920	6,660	8,520	4,910	6,560	3,820	*4,620	3,700	9.21 m
-1.5m	kg			*10,560	*10,560	*15,830	9,990	11,800	6,560	8,450	4,840			*5,280	3,990	8.73 m
-3.0m	kg					*13,490	10,170	*10,470	6,640	*7,790	4,930			*6,500	4,630	7.92 m
-4.5m	kg	*25,510	*25,510	*24,300	21,970	*14,930	10,830	*8,950	7,020					*5,650	*5,650	6.67 m

Note:

- 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.
- Bucket pin attachment point defined as lift point.
- The above lift capacities are in compliance with ISO 10567. They do not exceed 87% of hydraulic lift capacity or 75% of tipping load. Lift capacities marked with an asterisk(*) are limited by hydraulic capacity rather than tipping load.
- Operator should be fully acquainted with the Operator's and Maintenance Instructions before operating this machine. Rules for safe operation of equipment should be adhered to at all times.
- Lift capacities apply to only machine as originally manufactured and normally equipped by KOBELCO CONSTRUCTION MACHINERY CO., LTD.

Note: This catalogue 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.
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