

SK380XI	DLC	Arm: 3.	Arm: 3.30 m Bucket: Without Shoe: 600 mm Counterweight: 8,590 kg													
	Α	1.5	m	3.0) m	4.5	m	6.0	m	7.5	m	9.0	m	At Max	. Reach	
В		1		1		1		1		1		<u> </u>		4	—	Radius
9.0 m	kg													*5,730	*5,730	6.56 m
7.5 m	kg									*6,870	*6,870			*5,240	*5,240	7.86 m
6.0 m	kg									*6,970	*6,970			*5,060	*5,060	8.71 m
4.5 m	kg							*8,560	*8,560	*7,440	*7,440	*6,860	5,790	*5,070	*5,070	9.25 m
3.0 m	kg					*13,280	*13,280	*9,800	*9,800	*8,080	7,420	*7,120	5,640	*5,230	5,150	9.52 m
1.5 m	kg					*15,190	14,360	*10,890	9,650	*8,690	7,090	*7,400	5,470	*5,560	5,010	9.54 m
G.L.	kg					*15,830	13,870	*11,530	9,270	*9,080	6,850	*7,520	5,350	*6,130	5,100	9.33 m
-1.5 m	kg			*13,930	*13,930	*15,500	13,770	*11,570	9,110	*9,090	6,740			*7,090	5,440	8.85 m
-3.0 m	kg	*15,860	*15,860	*19,460	*19,460	*14,310	13,910	*10,900	9,150	*8,430	6,790			*7,510	6,210	8.07 m
-4.5 m	kg			*15,800	*15,800	*12,000	*12,000	*9,110	*9,110					*7,400	*7,400	6.88 m

SK380XD	LC	Arm: 3.	30 m Buc	ket: With	out Shoe	: 800 mm	Counter	weight: 8,	590 kg							
А		1.5	i m	3.0) m	4.5	5 m	6.0) m	7.5	m	9.0) m	At Max	. Reach	
В		4		4		4		1		4		-		-	—	Radius
9.0 m	kg													*5,730	*5,730	6.56 m
7.5 m	kg									*6,870	*6,870			*5,240	*5,240	7.86 m
6.0 m	kg									*6,970	*6,970			*5,060	*5,060	8.71 m
4.5 m	kg							*8,560	*8,560	*7,440	*7,440	*6,860	5,980	*5,070	*5,070	9.25 m
3.0 m	kg					*13,280	*13,280	*9,800	*9,800	*8,080	7,650	*7,120	5,820	*5,230	5,230	9.52 m
1.5 m	kg					*15,190	14,820	*10,890	9,960	*8,690	7,320	*7,400	5,660	*5,560	5,190	9.54 m
G.L.	kg					*15,830	14,330	*11,530	9,570	*9,080	7,080	*7,520	5,540	*6,130	5,280	9.33 m
-1.5 m	kg			*13,930	*13,930	*15,500	14,230	*11,570	9,410	*9,090	6,970			*7,090	5,630	8.85 m
-3.0 m	kg	*15,860	*15,860	*19,460	*19,460	*14,310	14,310	*10,900	9,450	*8,430	7,020			*7,510	6,420	8.07 m
-4.5 m	kg			*15,800	*15,800	*12,000	*12,000	*9,110	*9,110					*7,400	*7,400	6.88 m
Nada.																

- Do not attempt to lift or hold any load that is greater than these lifting capacities at their specified lift point radius and heights. Weight of all accessories must be deducted from the above
- 2. Lifting capacities.

 2. Lifting capacities are based on machine standing on level, firm, and uniform ground. User must make allowance for job conditions such as soft or uneven ground, out of level conditions, side loads, sudden stopping of loads, hazardous conditions, experience of personnel, etc.

 3. Arm top pin is 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. Lifting capacities apply to only machine as originally manufactured and normally equipped by KOBELCO CONSTRUCTION MACHINERY CO., LTD.

STANDARD EQUIPMENT

- Engine, HINO J08E, diesel engine
- with turbocharger and intercooler ■ Automatic engine deceleration
- Auto Idle Stop (AIS)
- Batteries (2 x 12V 96Ah)
- Starting motor (24V 5 kW), 1.2kW alternator
 Automatic engine shut-down for low engine oil
- pressure
- Engine oil pan drain cock
- Double element air cleaner CONTROL

(H-mode, S-mode and ECO-mode)

■ Working mode selector ■ 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
- 600mm HD triple grouser shoe Automatic swing brake HYDRAULIC
- Auto warm up system ■ Aluminum hydraulic oil cooler
- Arm interflow system
- Hydraulic fluid filter clog detector MIRRORS & LIGHTS
- Two rear view mirrors
- Six front working lights (Two for boom, one for boom cylinder, one for right storage box and two for cab)

CAB & CONTROL

- Two control levers, pilot-operated
- Horn, electric
- Cab light (interior)
- Luggage tray
- Large cup holder ■ Detachable two-piece floor mat
- Headrest
- Handrails
- Intermittent windshield wiper with double-spray washer
- Tinted safety glass
- Pull-up type front window and removable lower front window
- Easy-to-read multi-display color monitor
- Automatic air conditioner ■ Emergency escape hammer
- KOMEXS
- Suspension seat ■ 24V outlet

- OPTIONAL EQUIPMENT ■ N&B Piping
- Refilling pump
- Rear view camera

- 800mm HD triple grouser shoe
- 600mm HD double grouser shoe
- 3.30m arm
- Super short 2.25m arm

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

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

KOBELCO CONSTRUCTION MACHINERY CO., LTD.

5-15, Kitashinagawa 5-chome, Shinagawa-ku, Tokyo 141-8626 JAPAN Tel: +81 (0) 3-5789-2146 Fax: +81 (0) 3-5789-2135 https://www.kobelcocm-global.com/

Inquiries To:







Increase in productivity means "Power"

Powerful travel system for easy transit over loose stones, and highly reliable filtration system ensure higher machine performance.

Crawlers Built for Unbeatable Durability

Reinforced Guide Frame Track Guides



Reinforced guide frame prevents deformation caused by impact or encroaching of loose stones.

Lower Under Cover

protected against damage from rubble

Large, reinforced track guides are installed in three locations.

Track Links

Thicker steel plate for shoes



Reinforced HD shoes of thick steel plate to master rough, stony ground.

Reinforced Travel Motor Cover



Rear of travel motor cover is reinforced.



The size and durability of the track link are increased compared to standard

Double Grouser Shoe (Option)



thick plate and having a strong grip force thick-plate steel. to stop large rocks and sufficient strength is also selectable. impacting the travel motor. This is proper for severe working conditions in mining sites.

Reinforced step

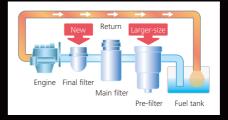


Improved Filtration System Reliability

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.

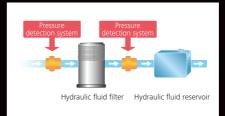
Fuel Filter

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



Hydraulic Fluid Filter Clog Detector

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



Hydraulic Fluid Filter

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



Metal Mesh Cover Air Cleaner

Metal mesh cover ensures strength and durability.



Enlarged filter image

Evolution Continues, with Improved Fuel Efficiency. Higher fuel

saving means "Efficiency"

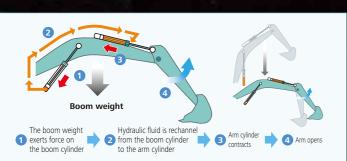
The new arm interflow system more efficiently controls hydraulic fluid flow, and significant reduction of in-line resistance and pressure loss boosts fuel efficiency.

SK380 NOL

Hydraulic System: Revolutionary Technology Saves Fuel

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.



Energy saving system saves fuel further

Fuel efficient work mode ECO mode

The fuel-saving ECO mode is newly provided to the work mode, selectable according to a desired operation. Fuel consumption can be greatly reduced.



Use for **EC**

Used to reduce fuel consumption for small workloads

ECO-mode, 24% decrease (compared to S-mode on the SK330-8)



Used to prioritize the amount of work done

H mode, 16% decrease (compared to H-mode on the SK330-8)



Used to strike a balance betweer workloads and fuel efficiency

S mode, 19% decrease (compared to S-mode on the SK330

Standard 2.6 m arm (reinforced for rocks)

■ Max. Bucket Digging Force
Normal: 229kN

With power boost: 252kN

Max. Arm Digging Force
Normal: 207kN
With power boost: 228kN

■ Max digging reach: 10,610mm

■ Max digging depth: 6,840mm

■ Max vertical digging depth: 5,700mm

Top Class Traveling Force

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

■ Drawbar Pulling Force: 331kN



7

Comfortable Cab Is Now Safer than Ever.



* Operator seat may vary in your erea.

3 Fuel consumption/Switch

4 Digging mode switch

6 Monitor display switch

indicator for rear camera images

Multi-Display in Color 6:58 31.0 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. MAINTENANCE CONSUMPTION FLOW RATE 150 Link

Analog gauge provides an intuitive

reading of fuel level and engine

fuel consumption during operation

2 Green indicator light shows low

Large cab

4 % larger than the previous cab capacity. Relaxing environment allows work to be performed in

Air Conditioner Louvers behind the Seat



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

Super-Airtight Cab



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

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.



One-Touch Attachment **Mode Switch**

A simple touch of a button, switches the hydraulic circuit and flow amount to match attachment changes. Icons help the operator to confirm the proper configuration at a glance.

Comfort



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 headroor and smoother entry and exit.



More Comfortable Seat Means Higher Productivity







Lever Means Smoother, **Less Tiring Work**

A Light Touch on the



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

Interior Equipment Adds to Comfort and Convenience



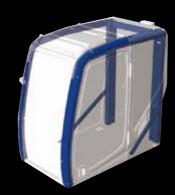




Safety

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.



Improved operational safety Cab Guard



The top guard (FOPS, Top Guard Level II. (Meets ISO10262)) provided as standard. The top-mounted working light ensures

Wide view during operations High Visibility for Safety







Greater safety assured by rearview mirrors on left and right.

^{*} Depending on optional equipments or attachments put on, the cab is no longer ROPS compliant. For further details, please consult your dealer.





MAINTENANCE FUEL FILTER 500 496 --/--/--HYD. FILTER 1000 996 --/--/--HYD. OIL 2000 1996 --/--/--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

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





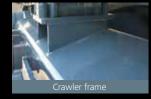


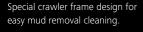


Simple layout for easy access to radiator

- 2 Fuel filter with built-in water-separator

Easy Cleaning







Detachable two-piece floor mat with handles for easy removal. A floor drain is keep the cab floor free of mud,



Floor mat's raised edges help



Engine oil pan equipped with

More Efficient Maintenance **Inside the Cab**

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



KOMEXS

KOMEX is the remote monitoring system for SK series excavators.Whe 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



Specifications





Model	HINO J08E		
Туре	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		
Datad naucar autaut	188 kW/2,100 min ⁻¹ (ISO 9249)		
Rated power output	200 kW/2,100 min ⁻¹ (ISO 14396)		
May taxaya	969 N•m/1,600 min ⁻¹ (ISO 9249)		
Max. torque	998 N•m/1,600 min ⁻¹ (ISO 14396)		

one gear pump

2 x 294 L/min, 1 x 21 L/min

34.3 MPa {350 kgf/cm²}

37.8 MPa {385 kgf/cm²}

34.3 MPa {350 kgf/cm²}

29.0 MPa {296 kgf/cm²}

5.0 MPa {50 kgf/cm²}

Gear type

Air cooled type

8-spool

Two Variable displacement piston pumps +



Travel System

Travel motors	Variable displacement piston pump
Travel brakes	Hydraulic
Parking brakes	Wet multiple plate
Travel shoes	48 each side
ravel speed	5.6/3.3 km/h
Drawbar pulling force	331 kN (ISO 7464)
Gradeability	70 % {35°}



Cab & Control

Electric rotary-type engine throttle

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

Two hand levers and two foot pedals for travel Two hand levers for excavating and swing



Boom, Arm & Bucket

Boom cylinders	140 mm x 1,550 mm
Arm cylinder	170 mm x 1,788 mm
Bucket cylinder	150 mm x 1,193 mm



Swing System

Hydraulic System

Max. discharge flow

Boom, arm and bucket

Travel circuit

Swing circuit

Control circuit

Oil cooler

Pilot control pump

Main control valves

Swing motor	Axial-piston mortor
Brake	Hydraulic; locking automatically when the swing control lever is in neutral position
Parking brake	Wet multiple plate
Swing speed	10 min ⁻¹ {rpm}
Tail swing radius	3,600 mm
Min. front swing radius	4,460 mm (With 2.60m arm)



Refilling Capacities & Lubrications

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



Attachments

Backhoe bucket and arm combination (Reference only)

Salamot Backet and anni combination (received only)						
Use		Backhoe bucket				
Use		Normal	digging			
Pucket capacity	ISO heaped m³	1.6	1.9			
Bucket capacity	ISO struck m³	1.2	1.4			
O t t.lul.	With side cutters mm	1,470	1,530			
Opening width	Without side cutters mm	1,470	1,530			
No. of bucket teeth		5	5			
Bucket weight	kg	1,570	1,750			
	2.25 m super short arm	0	©			
Combination	2.60 m short arm	©	0			
	3.30 m arm	0	0			

* Please consult your disributor for the combination.





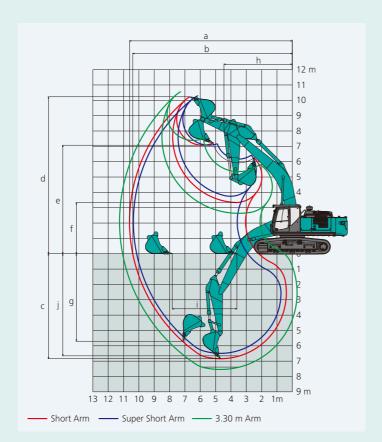
Working Ranges

			Unit: m
Boom		6.50m	
Arm Range	Super short 2.25 m	Short 2.60 m	3.30 m
a-Max. digging reach	10.36	10.61	11.26
b-Max. digging reach at ground level	10.15	10.4	11.06
c- Max. digging depth	6.51	6.84	7.54
d-Max. digging height	10.29	10.23	10.56
e-Max. dumping clearance	7.06	7.07	7.39
f- Min. dumping clearance	3.73	3.34	2.64
g-Max. vertical wall digging depth	4.33	5.7	6.46
h-Min. swing radius	4.49	4.46	4.31
i- Horizontal digging stroke at ground level	3.39	4.21	5.82
j- Digging depth for 2.4 m (8') flat bottom	6.31	6.65	7.38
Bucket capacity ISO heaped m³	1.9	1.9	1.6

Digging Force (ISO 6015)

Digging Force (ISO 6015)				
Arm length	Super short 2.25 m	Short 2.60 m	3.30 m	
Bucket digging force	220	229	229	
	242*	252*	252*	
Arm crowding force	232	207	165	
	255*	228*	182*	

*Power Boost engaged.

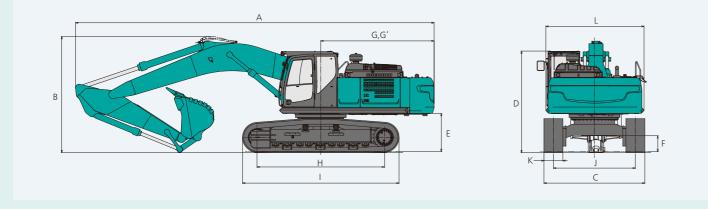


Dimensions

Aı	rm length	Super short 2.25 m	Short 2.60 m	3.30 m	
Α	Overall length	11,510	11,380	11,290	
В	Overall height (to top of boom)	3,770	3,690	3,420	
C	Overall width		3,190		
D	Overall height (to top of cab)		3,230		
Ε	Ground clearance of rear end*		1,210		
F	Ground clearance*	500			

		Unit: mm
G	Tail swing radius	3,600
G'	Distance from center of swing to rear end	3,600
Н	Tumbler distance	4,050
1	Overall length of crawler	4,970
J	Track gauge	2,590
Κ	Shoe width	600
L	Overall width of upperstructure	3,120

*Without including height of shoe

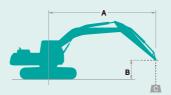


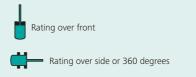
Operating Weight & Ground Pressure

In standard trim, with standard boom, 2.60 m arm, and 1.6 m³ ISO heaped bucket

Shaped	Triple grouser shoes (even height)					
Shoe width mm	600	800				
Overall width mm	3,190	3,390				
Ground pressure kPa	71	55				
Operating weight kg	38,000	39,000				

st When fitted with 2.25 m super short arm and 800 mm triple grouser shoes, the cab is no longer ROPS-compliant.





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)

SK380X	DLC	Super Short Arm: 2.25 m Bucket: Without Shoe: 600 mm Counterweight: 8,590 kg											
A B		3.0 m		4.5 m		6.0 m		7.5 m		At Max. Reach			
		1	—	1		1		1		1		Radius	
7.5 m	kg					*8,480	*8,480			*8,430	*8,430	6.73 m	
6.0 m	kg					*8,830	*8,830	*8,130	7,860	*8,120	7,480	7.71 m	
4.5 m	kg					*9,760	*9,760	*8,390	7,650	*8,040	6,520	8.31 m	
3.0 m	kg					*10,850	10,000	*8,880	7,370	*8,070	6,040	8.61 m	
1.5 m	kg					*11,650	9,550	*9,290	7,120	*8,160	5,900	8.64 m	
G.L.	kg					*11,880	9,330	*9,410	6,980	*8,260	6,060	8.40 m	
-1.5 m	kg			*14,740	14,120	*11,450	9,320	*8,950	6,990	*8,320	6,610	7.87 m	
-3.0 m	kg	*15,550	*15,550	*12,890	*12,890	*10,090	9,510			*8,170	7,870	6.98 m	
-4.5 m	kg			*9,380	*9,380					*7,240	*7,240	5.56 m	

SK380X	DLC	Super Shor	Super Short Arm: 2.25 m Bucket: Without Shoe: 800 mm Counterweight: 8,590 kg												
В		3.0 m		4.5 m		6.0 m		7.5 m		At Max. Reach					
			—	1		1		1		1		Radius			
7.5 m	kg					*8,480	*8,480			*8,430	*8,430	6.73 m			
6.0 m	kg					*8,830	*8,830	*8,130	7,960	*8,120	7,580	7.71 m			
4.5 m	kg					*9,760	*9,760	*8,390	7,760	*8,040	6,610	8.31 m			
3.0 m	kg					*10,850	10,140	*8,880	7,470	*8,070	6,130	8.61 m			
1.5 m	kg					*11,650	9,690	*9,290	7,220	*8,160	5,990	8.64 m			
LEVEL	kg					*11,880	9,480	*9,410	7,080	*8,260	6,150	8.40 m			
-1.5 m	kg			*14,740	14,330	*11,450	9,460	*8,950	7,090	*8,320	6,710	7.87 m			
-3.0 m	kg	*15,550	*15,550	*12,890	*12,890	*10,090	9,650			*8,170	7,990	6.98 m			
-4.5 m	kg			*9,380	*9,380					*7.240	*7.240	5.56 m			

SK380XD	N.C	Short Arm: 2.60 m Bucket: Without Shoe: 600 mm Counterweight: 8,590 kg										
SKSOUAL												
A		3.0) m	4.5 m		6.0 m		7.5 m		At Max. Reach		
В				Ţ								Radius
7.5 m	kg									*7,820	*7,820	7.06 m
6.0 m	kg					*8,360	*8,360	*7,670	*7,670	*7,600	7,050	8.00 m
4.5 m	kg			*12,020	*12,020	*9,330	*9,330	*8,030	7,640	*7,570	6,180	8.58 m
3.0 m	kg					*10,480	10,030	*8,580	7,330	*7,640	5,730	8.87 m
1.5 m	kg					*11,380	9,530	*9,060	7,060	*7,760	5,580	8.89 m
G.L.	kg			*15,850	13,890	*11,760	9,260	*9,280	6,880	*7,920	5,710	8.66 m
-1.5 m	kg			*15,040	13,940	*11,490	9,200	*9,020	6,850	*8,050	6,190	8.15 m
-3.0 m	kg	*16,970	*16,970	*13,400	*13,400	*10,390	9,330			*8,060	7,270	7.29 m
-4.5 m	kg	*12,820	*12,820	*10,360	*10,360					*7,570	*7,570	5.95 m

SK380XI	OLC	Short Arm: 2.60 m Bucket: Without Shoe: 800 mm Counterweight: 8,590 kg										
В		3.0 m		4.5 m		6.0 m		7.5 m		At Max. Reach		
				1		1		1				Radius
7.5 m	kg									*7,820	*7,820	7.06 m
6.0 m	kg					*8,360	*8,360	*7,670	*7,670	*7,600	7,150	8.00 m
4.5 m	kg			*12,020	*12,020	*9,330	*9,330	*8,030	7,750	*7,570	6,270	8.58 m
3.0 m	kg					*10,480	10,170	*8,580	7,440	*7,640	5,820	8.87 m
1.5 m	kg					*11,380	9,670	*9,060	7,170	*7,760	5,670	8.89 m
G.L.	kg			*15,850	14,090	*11,760	9,400	*9,280	6,990	*7,920	5,800	8.66 m
-1.5 m	kg			*15,040	14,140	*11,490	9,340	*9,020	6,960	*8,050	6,280	8.15 m
-3.0 m	kg	*16,970	*16,970	*13,400	*13,400	*10,390	9,470			*8,060	7,380	7.29 m
-4.5 m	kg	*12,820	*12,820	*10,360	*10,360					*7,570	*7,570	5.95 m