



#### STANDARD EQUIPMENT

#### ENGINE

- 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), 50 amp alternator
- Removable clean-out screen for radiator
- Automatic engine shut-down for low engine oil pressure
- Engine oil pan drain valve
- Double element air cleaner

#### CONTROL

- Working mode selector (H-mode and S-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

#### **HYDRAULIC**

- Arm regeneration system
- Auto warm up system
- Aluminum hydraulic oil cooler

#### **MIRRORS & LIGHTS**

- Two rearview mirrors
- Three front and two rear working lights
- Swing flashers

#### **CAB & CONTROL**

- Two control levers, pilot-operated
- Tow eyes
- Horn, electric
- Integrated left-right slide-type control box
- Cab, all-weather sound suppressed type
- Ashtrav
- Cigarette lighter
- Cab light (interior)
- Coat hook
- Luggage tray
- Large cup holder
- Detachable two-piece floor mat
- 7-way adjustable suspension seat
- Retractable seatbelt
- Headrest
- Handrails
- Heater and defroster
- Intermittent windshield wiper with double-spray washer
- Skylight
- Tinted safety glass
- Pull-type front window and removable lower front window
- Easy-to-read multi-display monitor
- Automatic air conditioner
- Emergency escape hammer
- Suspension seat

#### **OPTIONAL EQUIPMENT**

- Wide range of buckets
- Various optional arms■ Wide range of shoes
- Front-quard protective structures
- Additional track guide

- Additional hydraulic circuit
- Arm rest
- Additional cownterweight
- Multi-control valve
- Rain visor

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.

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2012020000 Printed in Japan



Announcing ACERA GEOSPEC and the Concept of Beautiful Performance.

# The Power Wave of Change

When we set out to design our new hydraulic excavators, we kept our eyes on the big picture.

Of course we wanted machines with greater digging capacity.

But they also had to be fuel-efficient and economical, while imposing less of a burden on the local and global environments.

Applying our advanced technologies, we developed KOBELCO's new ACERA GEOSPEC series,

an entirely new kind of excavator that beautifully balances all the demands of today's construction industry.

Lean and efficient with capacity to spare, these sleek powerhouses bring a whole new style to the worksite while setting new standards for environmental responsibility.

NEXT-3E Pursuing the "Three E's"

#### **Enhancement**

#### **Greater Performance Capacity**

- •New hydraulic circuitry minimizes pressure loss OHigh-efficiency, electronically controlled
- Common Rail Fuel Injection Engine
- •Powerful travel and arm/bucket digging force

#### **Economy**

The Perfection of Next-Generation, Network Performance

#### **Improved Cost Efficiency**

- Advanced power plant that reduces fuel consumption
- Easy maintenance that reduces upkeep costs • High structural durability and reliability that retain machine value longer

#### **Environment**

#### **Features That Go Easy on the Earth**

- Auto Idle Stop as standard equipment
- •Noise reduction measures (with improvement of the sound quality) minimize noise and vibration



The "GEO" in GEOSPEC expresses our deep respect for our planet, and for the solid ground where excavators are in their element. This is accompanied by SPEC, which refers to the performance specifications needed to get the job done efficiently as we carry on the tradition of the urban-friendly ACERA series.

Photos in this catalog are the optional specs with 0.93 m³ bucket, 800 mm shoes, arm rock guard, and pre-air cleaner



## **Efficient Performance!**

Amazing Productivity with a 27 % Increase in Work Volume and "Top-Class" Cost-Performance



Work Volume\*

increase in work volume using n the same amount of fuel. (H-Mode)



**C** Fuel Consumption •

decrease in fuel consumption even when performing more work volume. (S-Mode)

#### "Top-Class" Powerful Digging

Max. arm crowding force: 165 kN {16.8 tf}

Max. arm crowding force with power boost: 181 KN {18.5 tf}

Max. bucket digging force: 222 KN {22.6 tf}

Max. bucket digging force 244 kN {24.9 tf}

#### **Powerful Travel**

Travel torque: increased by 13 %

322 kN {32.8 tf} Drawbar pulling force:

#### Greater Swing Power, Shorter Cycle Times

Swing torque: increased by 7 %

Swing speed:

16 %

faster (10.0 min-1)

#### Significant Extension of Continuous Working Hours

The combination of a large-capacity fuel tank and excellent fuel efficiency delivers an impressive 22 % increase in continuous operation hours.\*\*

22 %

#### **Light Lever Operation**

It takes 10% less effort to move the control levers, so that operators can work longer hours with less fatigue.

#### **NEXT-3E Technology New Hydraulic System**



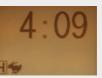
Rigorous inspections for pressure loss are performed on all components of the hydraulic piping, from the first spool of the control valve to the connectors. This regimen, combined with the use of a new, high-efficiency pump, cuts energy loss to a minimum.

#### **NEXT-3E Technology Next-Generation Electronic Engine Control**

The high-pressure, common-rail fuel-injection engine features adjustable control to maximize fuel efficiency and provide powerful medium/low-speed torque. The result is a highly fuel-efficient engine.



#### Simple Select: **Two Digging Modes**







For heavy duty when a higher performance level is required.



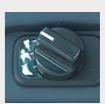
For normal operations with lower fuel consumption.

#### Optional N&B (crusher and breaker)

The operator selects the desired mode from inside the cab, and the selector valve automatically configures the machine accord-

#### Optional Attachment Mode Selector Switch

There's a choice of three different hydraulic circuits, to accommodate bucket, crusher or breaker, and the desired attachment mode can be selected with a switch, which automatically configures the selector valve. All attachment modes can be used in either S-mode or H-mode.



#### Seamless, Smooth Combined **Operations**

The GEOSPEC machines have inherited the various systems that make inching and combined operations easy and accurate, with further refinements that make a good thing even better. Leveling and other combined operations can be carried out with graceful

- Electronic Active Control System
- Arm regeneration system Boom lowering system
- Variable swing priority system
- Swing rebound prevention system

#### **NEXT-3E Technology** Total Tuning Through Advanced ITCS Control

The next-generation engine control is governed by a new version of ITCS, which responds quickly to sudden changes in hydraulic load to ensure that the engine runs as efficiently as possible with a minimum of wasted output.

ITCS (Intelligent Total Control System)

is an advanced, computerized system that provides comprehensive control of all machine functions.

<sup>\*</sup>The value shows results from actual measurements taken by KOBELCO when compared with previous KOBELCO models.

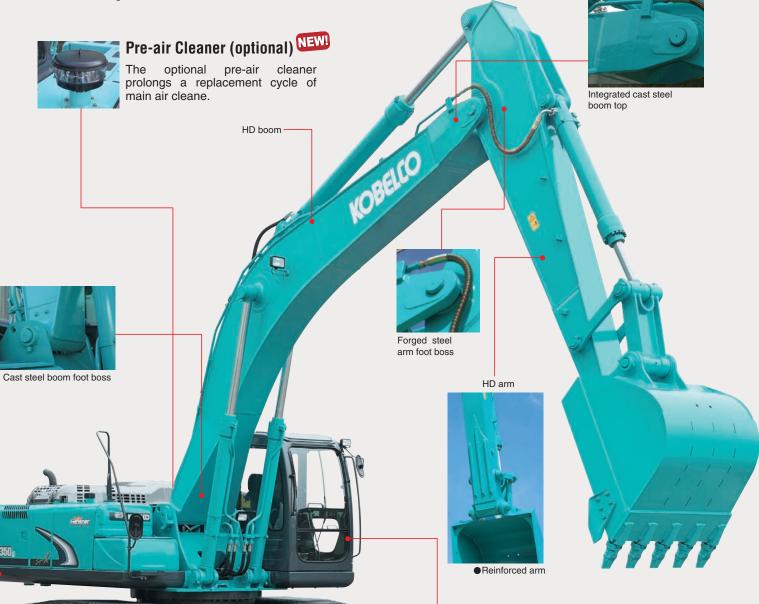
<sup>\*\*</sup>The value shows results from actual measurements taken by KOBELCO for continuous operation in S Mode, compared with previous models. Results vary depending on the method of operation and load conditions



# The Value and Quality of Sturdy Construction!

#### **Stable Attachment Strength**

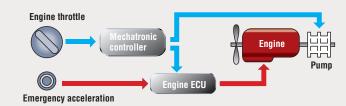
Forged and cast steel components are used throughout. The standard arm and boom also meet specifications that were classified as "reinforced" on previous KOBELCO models to ensure reliable strength.



#### **Emergency Acceleration (Dial) Permits Continued Operation in the Unlikely Event of** Malfunction



If unexpected trouble is experienced with the ITCS mechatronic control system, the machine can still be operated using the emergency acceleration system. Digging modes are also automatically relayed to an emergency system so that digging can continue temporarily until a service person arrives to repair the primary system.





### **Newly designed MCU**

- Vertical alignment and sealed cover gives better protection from water and dust
- Integration in base plate boosts assembly quality
- Reliable fixture to base plate

#### **Countermeasures Against Electrical System Failure**

All elements of the electrical system, including controller, have been designed for enhanced reliability.



New MCU

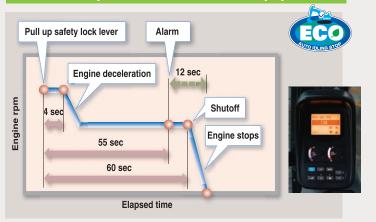
The pump capacity has been o/ increased by ompared with previous models.





#### **Designed for the Environment and the Future!**

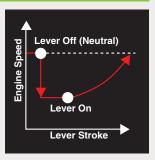
#### **Auto Idle Stop Provided as Standard Equipment**



This function saves fuel and cuts emissions by shutting down the engine automatically when the machine is on stand by. It also stops the hourmeter, which helps to retain the machine's asset value.

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

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



#### **Low Noise Level and Mild Sound Quality**

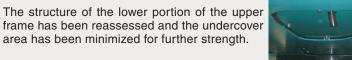
The electronically controlled common-rail engine has a unique fuel injection system that runs quietly. Also, the hydraulic pumps have been redesigned to produce a more pleasant sound during pressure relief. In short, the GEOSPEC series meets all requirements cited in latest EU stage II.

#### **Meets EMC (Electromagnetic Compatibility)** Standards in Europe.

Measures have been taken to ensure that the GEOSPEC machines do not cause electro-magnetic interference.

#### The structure of the lower portion of the upper frame has been reassessed and the undercover

**Enhanced Upper Carbody Strength** 



#### **Durability That Retains Machine Value** Five and Ten Years in the Future

- New operator's seat covered in durable, material
- High-quality urethane paint
- •Easily repaired bolted hand rails



# "On the Ground" Maintenance!

#### Comfortable "On the Ground" Maintenance

The machine layout was designed with easy inspection and maintenance in mind.



#### Access through the right side cover

A new fuel filter has been installed that can handle the most punishing conditions. It now has two pre-fuel filters (with built-in water separators), and a highgrade main fuel filter with an ultra-fine 2 micron mesh that removes 95% of dust and other impurities in the





Main fuel filter

Engine Oil Filter

Pre-fuel filter (with built-in water separators)

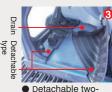
**Quick Oil Drain Valves for Quick Maintenance** 

A quick drain valve, which requires no tools, is provided as standard equipment.



To facilitate fuel tank cleaning, the fuel drain valve was made larger and fitted with a flange on the bottom.

#### More Efficient Maintenance Inside the Cab



handles for easy removal A floor drain is located under the



box. More finely differentiated fuses make it easier to

locate malfunctions.



can be easily removed without tools for cleaning.



 Hour meter can be checked while standing on the



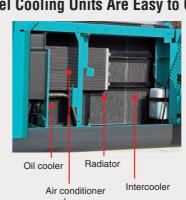
 Large-capacity tool box can hold up to



Special crawler frame design is easily

#### Access through the left side cover

#### Parallel Cooling Units Are Easy to Clean



condenser

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



The high-capacity hydraulic oil filter incorporates glass fiber with superior cleaning power and durability. With a replacement cycle of 1,000 hours and a construction that allows replacement of the filter element only, it's both highly effective and highly economical.

#### Double-Element Air Cleaner as Standard



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

Air cleaner (double element)

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



- Displays only the maintenance information that's needed, when it's needed.
- Self-diagnostic function that provides earlywarning detection and display of electrical system malfunctions.
- Record previous breakdowns, including irregular and transient malfunctions.

#### Choice of 16 Languages for Monitor Display



With messages including those requiring urgent action displayed in the local language, users in all parts of the world can work with greater peace of mind.

<b>产</b> 充电不良	Lichtmaschine defekt	CHARGE ERROR	CHARGE ERROR
Chinese	German	English	English (US)
ERREUR DE CHARGE	PENGISIAN BATT.	==	ERRORE DI CARICA
French	Indonesian	ISO	Italian
<b>ご</b> チャージ	KESALAHAN CAS	= 📑 ချာချင်မဝင်ပါ	ERRO DE CARGA
Japanese	Malay	Myanmar(Brumese)	Portuguese
ERROR EN CARGA	= - தவறாக திணித்தல்	<u>-</u> ี ไฟไม่ชาร์จ	= Sac Điện Bị Lỗi
Spanish	Tamil	Thai	Vietnamese



# **Designed from the Operator's Point of View**



#### **Newly Designed Information Display Prioritizes Visual Recognition**

The analog gauge provides information that's easy to read regardless of the operating environment. The information display screen has been enlarged, and a visor is attached to further enhance visibility.

#### The GEOSPEC Difference:

### **Imagining Possible Scenarios** and Preparing in Advance

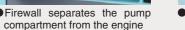
#### Bracket for Attaching a Head Guard Provided as Standard Equipment



A bracket is provided as standard equipment that allows the optional head guard to be simply bolted on.

### Safety Features That Take Various Scenarios into





• Firewall separates the pump

- Swing flashers/rear working
- Thermal guard prevents contact with hot components during engine



#### Wide Field of View Liberates the Operator

The front field of view easily clears ISO standards, while the peripheral view reduces blind spots to a minimum.



- •A long wiper covers a wide area for a broad view in bad weather.
- Back mirrors provide a safe view of the rear.
- Reinforced green glass windows meet European standards.

#### Wide-Access Cab **Ensures Smooth Entry** and Exit

The left control box lifts up with the safety lock lever to add 10° to the cab entry angle for easy entrance and exit.



#### **Creating a Comfortable Operating Environment**



Seat can be reclined to horizontal position



simplifies opening and closing the front window



New interior design and materials create an ele-

Photo includes optional pedals for N&B and rotation.

### Plenty of Foot Room

With a total width of 1,005 mm, the cab has 35 mm more front to-back foot room than previous models. The travel pedal is larger for greater operator comfort.

#### Reduced Vibration for Fatigue-Free Operation

The rigid cab construction and liquid-filled viscous cab mounts minimize cab vibration. In addition, the use of new lower rollers on the crawlers cuts travel vibration in half compared with previous models.

In-Cab Noise is Reduced by 3dB Compared with **Previous Models.** 







Model	HINO JO8E		
Туре	Direct injection, water-cooled, 4-cycle diesel engine with turbocharger, intercooler		
No. of cylinders:	6		
Bore and stroke:	112 mm × 130 mm		
Displacement:	7.684 L		
Rated power output:	200 kW/2,100 min <sup>-1</sup> (ISO14396:2002)		
nateu power output.	188 kW/2,100 min <sup>-1</sup> (ISO9249:2007)*		
Max. torque:	998 N•m/1,600 min <sup>-1</sup> (ISO14396:2002)		
wax. torque.	969 N•m/1,600 min <sup>-1</sup> (ISO9249:2007)*		





Pump				
Type:	Two variable displacement pumps + 1 gear pump			
Max. discharge flow:	2 × 294 L/min, 1 × 20 L/min			
Relief valve setting				
Boom, arm and bucket:	34.3 MPa {350 kgf/cm <sup>2</sup> }			
Power Boost:	37.8 MPa {385 kgf/cm²}			
Travel circuit:	34.3 MPa {350 kgf/cm <sup>2</sup> }			
Swing circuit:	29.0 MPa {296 kgf/cm <sup>2</sup> }			
Control circuit:	5.0 MPa {50 kgf/cm <sup>2</sup> }			
Pilot control pump:	Gear type			
Main control valves:	8-spool			
Oil cooler:	Air cooled type			



Swing motor:	Axial-piston motor
Brake:	Hydraulic; locking automatically when the swing control lever is in the neutral position
Parking brake:	Hydraulic disc brake
Swing speed:	10.0 min <sup>-1</sup> {rpm}
Tail swing radius:	3,500 mm
Min. front swing radius:	4,370 mm

## **\*\*\*\*\*\***

## Travel System

Travel motors:	2 X axial-piston, two-step motors
Travel brakes:	Hydraulic brake per motor
Parking brakes	Oil disc brake per motor
Travel shoes:	45 each side (SK330)
Havel Silves.	48 each side (SK350LC)
Travel speed:	5.6/3.3 km/h
Drawbar pulling force:	322 kN (IS07464)
Gradeability:	70 % {35°}
Ground clearance:	500 mm

### Cab & Control

Cab
All-weather, sound-suppressed steel cab mounted on the silicon-sealed viscous 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



## Boom, Arm & Bucket

Boom cylinders:	140 mm × 1,550 mm
Arm cylinder:	170 mm × 1,788 mm
Bucket cylinder:	150 mm X 1,193 mm



### Refilling Capacities & Lubrications

Fuel tank:	580 L
Cooling system:	31.1 L
Engine oil:	28.5 L
Travel reduction gear:	2 × 9.5 L
Swing reduction gear:	7.4 L
Hydraulic oil tank:	280 L tank oil level



### **Attachments**

Backhoe bucket and arm combination

		Backhoe bucket					
	Use		Norma	l digging		Light-duty	Heavy digging
Bucket capacity	ISO heaped m³	1.2	1.4	1.6	2.3	1.8	1.4
<b>Биске</b> т сарасну	Struck m <sup>3</sup>	0.84	1.0	1.2	1.84	1.4	1.0
Openina width 🗀	With side cutter mm	1,240	1,420	1,570	1,930	_	1,390
	Without side cutter mm	1,110	1,300	1,450	1,760	1,680	1,330
No. of bucket teetl	h	4	5	5	6	5	5
Bucket weight	kg	930	1,070	1,100	1,500	1,200	1,300
Combinations 2.0	2.25 m super short arm	0	0	0	0	0	0
	2.6 m short arm	0	0	0	×	Δ	0
	3.3 m standard arm	0	0	0	×	×	0
	4.15 m long arm	0	Δ	×	×	×	×

 $<sup>\, \</sup>circ \,$  Recommended  $\, \, \triangle$  Loading only  $\, \times \,$  Not recommended

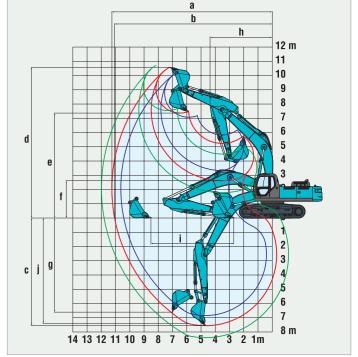


## Working Ranges

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

Digging Force (ISO 6015)	Unit: kN (tf)		
Arm length	Short	Standard	Long
	2.6 m	3.3 m	4.15 m
Bucket digging force	221 {22.5}	222 {22.6}	221 {22.5}
	244 {24.9}*	244 {24.9}*	243 {24.8}*
Arm crowding force	205 {20.9}	165 {16.8}	140 {14.3}
	225 {22.9}*	181 {18.5}*	154 {15.7}*

<sup>\*</sup>Power Boost engaged.



Short Arm
Standard Arm
Long Arm

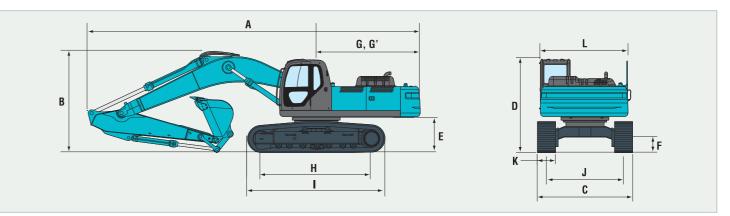
# Dimensions

	Arm length		Short 2.6 m	Standard 3.3 m	Long 4.15 m
Α	Overall length		11,380	11,300	11,330
В	Overall height (to top of boom)		3,640	3,420	3,590
C	Overall width	SK330	3,40	0 (with 800 mm sh	oes)
U	Overall willin	SK350LC	3,40	0 (with 800 mm sh	oes)
D	Overall height (to	top of cab)	3,160	3,160	3,160
E	Ground clearance	of rear end*	1,190	1,190	1,190
F	Ground clearance	*	500	500	500

					Unit: mm
G	Tail swing radius		3,600	3,600	3,600
G'	Distance from cent swing to rear end	ter of	3,600	3,600	3,600
н	Tumbler distance	SK330	3,730	3,730	3,730
п	Tulliblei distalice	SK350LC	4,050	4,050	4,050
	Overall length	SK330	4,650	4,650	4,650
'	of crawler	SK350LC	4,980	4,980	4,980
J	Track gauge	SK330	2,600	2,600	2,600
J	ITACK YAUYE	SK350LC	2,600	2,600	2,600
K	Shoe width			600/800	
L	Overall width of upp	erstructure	2,950	2,950	2,950

\* Without including height of shoe lug.

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

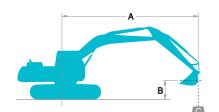
In standard trim, with standard boom, 3.3 m arm, and 1.4 m<sup>3</sup> ISO heaped bucket

iii Stailuatu titiii, witi	ıı stanuaru buuni,	J.J III allii, allu 1	4 III 180 lieapeu bucket	
Shaped			Triple grouser sho	es (even height)
Shoe width	mm		600	800
Overall width	mm	SK330	3,200	3,400
Overall willin	mm	SK350LC	3,200	3,400
Ground pressure	kPa (kgf/cm²)	SK330	68 {0.70}	53 {0.54}
arouna pressure	KFA (KYI/GIII )	SK350LC	64 {0.66}	50 {0.51}
Onerating weight	ka	SK330	33,700	34,700
Operating weight	kg	SK350LC	34,400	35,500

H









Rating over side or 360 degrees

- A Reach from swing centerline to bucket hook
- B Bucket hook height above/below ground
- C Lifting capacities in kilograms
- Max. discharge pressure: 37.8 MPa (385 kgf/cm²)

SK33	0	Standar	d Arm: 3.3	m Bucket	: 1.4 m³ IS	O heaped	1,070 kg	Shoe: 600	mm							
	A	1.5	m	3.0	m	4.5	m	6.0	m	7.5	5 m	9.0	m	At Max.	Reach	
В			<del></del>		<del></del>		<b></b>		<b></b>		<b></b>		<del></del>		<b></b>	Radius
7.5 m	kg									*5,640	*5,640			*3,650	*3,650	8.05 m
6.0 m	kg									*5,840	*5,840			*3,600	*3,600	8.88 m
4.5 m	kg							*7,320	*7,320	*6,370	*6,370	*5,840	4,570	*3,690	*3,690	9.41 m
3.0 m	kg			*12,590	*12,590	*11,730	*11,730	*8,630	*8,630	*7,070	6,030	*6,180	4,390	*3,920	3,830	9.67 m
1.5 m	kg			*7,080	*7,080	*13,950	12,320	*9,850	8,010	*7,760	5,680	6,110	4,200	*4,320	3,680	9.70 m
G. L.	kg			*10,390	*10,390	*15,020	11,670	*10,670	7,570	7,930	5,410	5,960	4,050	*4,980	3,720	9.49 m
-1.5 m	kg	*10,760	*10,760	*14,890	*14,890	*15,030	11,460	*10,920	7,360	7,770	5,260	5,890	3,990	5,870	3,980	9.02 m
-3.0 m	kg	*15,190	*15,190	*20,250	*20,250	*14,170	11,530	*10,500	7,340	7,770	5,260			6,740	4,580	8.26 m
-4.5 m	kg	*20,200	*20,200	*16,970	*16,970	*12,270	11,820	*9,150	7,530					*7,250	5,890	7.10 m
-6.0 m	kg					*8,560	*8,560							*7,090	*7,090	5.29 m

SK330		Standar	d Arm: 3.3	m Bucket	: 1.4 m³ IS	O heaped	1.070 ka	Shoe: 800	mm							
	А	1.5		3.0		4.5		6.0		7.5	i m	9.0	m	At Max.	Reach	
В			<b>—</b>		<del></del>	-	<b>—</b>		<del></del>		<b>—</b>		<b>—</b>	1	<b>#</b>	Radius
7.5 m	kg									*5,640	*5,640			*3,650	*3,650	8.05 m
6.0 m	kg									*5,840	*5,840			*3,600	*3,600	8.88 m
4.5 m	kg							*7,320	*7,320	*6,370	*6,370	*5,840	4,730	*3,690	*3,690	9.41 m
3.0 m	kg			*12,590	*12,590	*11,730	*11,730	*8,630	*8,630	*7,070	6,230	*6,180	4,550	*3,920	*3,920	9.67 m
1.5 m	kg			*7,080	*7,080	*13,950	12,710	*9,850	8,280	*7,760	5,880	6,340	4,360	*4,320	3,820	9.70 m
G. L.	kg			*10,390	*10,390	*15,020	12,060	*10,670	7,840	8,220	5,610	6,180	4,210	*4,980	3,870	9.49 m
-1.5 m	kg	*10,760	*10,760	*14,890	*14,890	*15,030	11,850	*10,920	7,620	8,060	5,460	6,120	4,150	*6,070	4,140	9.02 m
-3.0 m	kg	*15,190	*15,190	*20,250	*20,250	*14,170	11,920	*10,500	7,610	*8,040	5,460			*6,990	4,750	8.26 m
-4.5 m	kg	*20,200	*20,200	*16,970	*16,970	*12,270	12,220	*9,150	7,790					*7,250	6,100	7.10 m
-6.0 m	kg					*8,560	*8,560							*7,090	*7,090	5.29 m

SK330		Long Ar	m: 4.15 m	Bucket: 1.	.2 m³ ISO I	neaned 93	0 ka Shoe	e: 600 mm								
	A	1.5		3.0		4.5		6.0	m	7.5	i m	9.0	m	At Max.	Reach	
В			<b>-</b>		<del></del>		<b></b>	1	<del>-</del>		<b></b>		<b>-</b>	l l	<b></b>	Radius
7.5 m	kg													*2,830	*2,830	8.85 m
6.0 m	kg											*4,670	*4,670	*2,780	*2,780	9.62 m
4.5 m	kg									*5,630	*5,630	*5,220	4,670	*2,850	*2,850	10.11 m
3.0 m	kg			*15,930	*15,930	*10,040	*10,040	*7,650	*7,650	*6,390	6,150	*5,640	4,440	*3,020	*3,020	10.35 m
1.5 m	kg			*12,530	*12,530	*12,620	*12,620	*9,030	8,170	*7,180	5,740	*6,090	4,210	*3,310	3,230	10.38 m
G. L.	kg	*6,110	*6,110	*11,720	*11,720	*14,280	11,750	*10,090	7,600	*7,830	5,390	5,910	4,000	*3,780	3,230	10.18 m
-1.5 m	kg	*9,500	*9,500	*14,260	*14,260	*14,880	11,310	*10,650	7,260	7,680	5,170	5,780	3,870	*4,520	3,410	9.74 m
-3.0 m	kg	*12,990	*12,990	*18,060	*18,060	*14,560	11,210	*10,620	7,140	7,590	5,080	5,760	3,860	5,710	3,830	9.04 m
-4.5 m	kg	*16,880	*16,880	*19,250	*19,250	*13,300	11,380	*9,830	7,210	*7,430	5,160			*6,700	4,700	8.00 m
-6.0 m	kg			*15,020	*15,020	*10,720	*10,720	*7,800	7,530					*7,000	6,760	6.46 m

SK330		Long Ar	m: 4.15 m	Bucket: 1	.2 m³ ISO h	neaped 93	0 kg Shoe	:: 800 mm								
	A	1.5	i m	3.0	) m	4.5	m	6.0	m	7.5	5 m	9.0	m	At Max.	Reach	
В			<del></del>		<b>—</b>		<b>—</b>		<del></del>		<del></del>		<del></del>		<del></del>	Radius
7.5 m	kg													*2,830	*2,830	8.85 m
6.0 m	kg											*4,670	*4,670	*2,780	*2,780	9.62 m
4.5 m	kg									*5,630	*5,630	*5,220	4,830	*2,850	*2,850	10.11 m
3.0 m	kg			*15,930	*15,930	*10,040	*10,040	*7,650	*7,650	*6,390	6,350	*5,640	4,600	*3,020	*3,020	10.35 m
1.5 m	kg			*12,530	*12,530	*12,620	*12,620	*9,030	8,440	*7,180	5,930	*6,090	4,370	*3,310	*3,310	10.38 m
G. L.	kg	*6,110	*6,110	*11,720	*11,720	*14,280	12,140	*10,090	7,870	*7,830	5,590	6,140	4,160	*3,780	3,370	10.18 m
-1.5 m	kg	*9,500	*9,500	*14,260	*14,260	*14,880	11,700	*10,650	7,520	7,970	5,370	6,000	4,030	*4,520	3,550	9.74 m
-3.0 m	kg	*12,990	*12,990	*18,060	*18,060	*14,560	11,610	*10,620	7,400	7,870	5,280	5,980	4,020	*5,830	3,980	9.04 m
-4.5 m	kg	*16,880	*16,880	*19,250	*19,250	*13,300	11,780	*9,830	7,480	*7,430	5,360			*6,700	4,880	8.00 m
-6.0 m	kg			*15,020	*15,020	*10,720	*10,720	*7,800	7,800					*7,000	*7,000	6.46 m

SK350L0	;	Standar	d Arm: 3.3	m Bucket	: 1.4 m³ IS	O heaped	1,070 kg	Shoe: 600	) mm							
	A	1.5	m	3.0	m	4.5	m	6.0	m	7.5	i m	9.0	m	At Max.	Reach	
В			<b></b>		<b>—</b>		<b>—</b>		<del>-</del>		<b></b>				<b></b>	Radius
7.5 m	kg									*5,640	*5,640			*3,650	*3,650	8.05 m
6.0 m	kg									*5,840	*5,840			*3,600	*3,600	8.88 m
4.5 m	kg							*7,320	*7,320	*6,370	*6,370	*5,840	4,680	*3,690	*3,690	9.41 m
3.0 m	kg			*12,590	*12,590	*11,730	*11,730	*8,630	*8,630	*7,070	6,160	*6,180	4,490	*3,920	*3,920	9.67 m
1.5 m	kg			*7,080	*7,080	*13,950	12,580	*9,850	8,190	*7,760	5,810	*6,530	4,310	*4,320	3,770	9.70 m
G. L.	kg	*10,760	*10,760	*10,390	*10,390	*15,020	11,930	*10,670	7,750	*8,270	5,540	*6,770	4,160	*4,980	3,820	9.49 m
-1.5 m	kg	*15,190	*15,190	*14,890	*14,890	*15,030	11,720	*10,920	7,530	*8,430	5,390	*6,370	4,100	*6,070	4,080	9.02 m
-3.0 m	kg	*20,200	*20,200	*20,250	*20,250	*14,170	11,790	*10,500	7,520	*8,040	5,390			*6,990	4,690	8.26 m
-4.5 m	kg			*16,970	*16,970	*12,270	12,080	*9,150	7,700					*7,250	6,030	7.10 m
-6.0 m	kg					*8,560	*8,560							*7,090	*7,090	5.29 m

SK350LC		Standar	d Arm: 3.3	m Bucket	: 1.4 m³ IS	O heaped	1,070 kg	Shoe: 800	) mm	_	_			_		
	A	1.5	m	3.0	m	4.5	m	6.0	m	7.5	i m	9.0	m	At Max.	Reach	
В			<b>—</b>		<b>—</b>	ı	<b>—</b>		<b>—</b>		<b>—</b>	·	<b>—</b>		<b>—</b>	Radius
7.5 m	kg									*5,640	*5,640			*3,650	*3,650	8.05 m
6.0 m	kg									*5,840	*5,840			*3,600	*3,600	8.88 m
4.5 m	kg							*7,320	*7,320	*6,370	*6,370	*5,840	4,840	*3,690	*3,690	9.41 m
3.0 m	kg			*12,590	*12,590	*11,730	*11,730	*8,630	*8,630	*7,070	6,360	*6,180	4,660	*3,920	*3,920	9.67 m
1.5 m	kg			*7,080	*7,080	*13,950	12,980	*9,850	8,460	*7,760	6,010	*6,530	4,470	*4,320	3,920	9.70 m
G. L.	kg			*10,390	*10,390	*15,020	12,330	*10,670	8,020	*8,270	5,740	*6,770	4,320	*4,980	3,970	9.49 m
-1.5 m	kg	*10,760	*10,760	*14,890	*14,890	*15,030	12,120	*10,920	7,800	*8,430	5,600	*6,370	4,260	*6,070	4,240	9.02 m
-3.0 m	kg	*15,190	*15,190	*20,250	*20,250	*14,170	12,190	*10,500	7,790	*8,040	5,590			*6,990	4,870	8.26 m
-4.5 m	kg	*20,200	*20,200	*16,970	*16,970	*12,270	*12,270	*9,150	7,970					*7,250	6,250	7.10 m
-6.0 m	kg					*8,560	*8,560							*7,090	*7,090	5.29 m

SK350LC		I ona Ari	m· 4 15 m	Bucket: 1	.2 m³ ISO l	neaned 9:	30 km Sho	e: 600 mm								
	A	1.5		3.0		4.5		6.0		7.5	i m	9.0	m	At Max.	Reach	
В			<b>#</b> -		<b>#</b> -		<b>—</b>		<b></b>		<b></b>		<b>-</b>		<b></b>	Radius
7.5 m	kg													*2,830	*2,830	8.85 m
6.0 m	kg											*4,670	*4,670	*2,780	*2,780	9.62 m
4.5 m	kg									*5,630	*5,630	*5,220	4,780	*2,850	*2,850	10.11 m
3.0 m	kg			*15,930	*15,930	*10,040	*10,040	*7,650	*7,650	*6,390	6,280	*5,640	4,550	*3,020	*3,020	10.35 m
1.5 m	kg			*12,530	*12,530	*12,620	*12,620	*9,030	8,350	*7,180	5,870	*6,090	4,310	*3,310	*3,310	10.38 m
G. L.	kg	*6,110	*6,110	*11,720	*11,720	*14,280	12,010	*10,090	7,780	*7,830	5,520	*6,460	4,110	*3,780	3,320	10.18 m
-1.5 m	kg	*9,500	*9,500	*14,260	*14,260	*14,880	11,560	*10,650	7,440	*8,210	5,300	*6,630	3,980	*4,520	3,500	9.74 m
-3.0 m	kg	*12,990	*12,990	*18,060	*18,060	*14,560	11,470	*10,620	7,310	*8,160	5,210	*6,310	3,960	*5,830	3,930	9.04 m
-4.5 m	kg	*16,880	*16,880	*19,250	*19,250	*13,300	11,640	*9,830	7,390	*7,430	5,290			*6,700	4,820	8.00 m
-6.0 m	kg			*15,020	*15,020	*10,720	*10,720	*7,800	7,710					*7,000	6,920	6.46 m

SK350LC		Long Ari	m: 4.15 m	Bucket: 1	.2 m³ ISO I	neaped 9	30 kg Sho	e: 800 mm								
	Α	1.5	m	3.0	) m	4.5	m	6.0	) m	7.5	5 m	9.0	m	At Max.	Reach	
В			<b>—</b>		<b>—</b>		<del></del>		<b>—</b>		<b>—</b>		<del></del>	-	<b>—</b>	Radius
7.5 m	kg													*2,830	*2,830	8.85 m
6.0 m	kg											*4,670	*4,670	*2,780	*2,780	9.62 m
4.5 m	kg									*5,630	*5,630	*5,220	4,940	*2,850	*2,850	10.11 m
3.0 m	kg			*15,930	*15,930	*10,040	*10,040	*7,650	*7,650	*6,390	*6,390	*5,640	4,710	*3,020	*3,020	10.35 m
1.5 m	kg			*12,530	*12,530	*12,620	*12,620	*9,030	8,620	*7,180	6,070	*6,090	4,480	*3,310	*3,310	10.38 m
G. L.	kg	*6,110	*6,110	*11,720	*11,720	*14,280	12,410	*10,090	8,050	*7,830	5,730	*6,460	4,270	*3,780	3,460	10.18 m
-1.5 m	kg	*9,500	*9,500	*14,260	*14,260	*14,880	11,960	*10,650	7,700	*8,210	5,500	*6,630	4,140	*4,520	3,650	9.74 m
-3.0 m	kg	*12,990	*12,990	*18,060	*18,060	*14,560	11,870	*10,620	7,580	*8,160	5,410	*6,310	4,120	*5,830	4,090	9.04 m
-4.5 m	kg	*16,880	*16,880	*19,250	*19,250	*13,300	12,040	*9,830	7,660	*7,430	5,490			*6,700	5,010	8.00 m
-6.0 m	kg			*15,020	*15,020	*10,720	*10,720	*7,800	*7,800					*7,000	*7,000	6.46 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. Bucket lift hook 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.