



### STANDARD EQUIPMENT

### **ENGINE**

- Engine, HINO J05E, 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
- Two 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
- 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

### OPTIONAL EQUIPMENT

- Wide range of buckets
- Various optional arms
- Wide range of shoes
   Boom safety valve
- Arm safety valve
- Front-guard protective structures

- Additional hydraulic circuit
- Travel alarm
- Radio, AM/FM Stereo with speakers
- 7-way adjustable suspension seat
- Pre-air cleaner

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.

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Bulletin No. ACERA GEOSPEC SK250/SK260LC-SEASIA-EGR-201
2012010500 Printed in Japan



EU (NRMM)

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.

# Pursuing the "Three E's"

NEXT-3E

The Perfection of Next-Generation, Network Performance

### **Enhancement**

### **Greater Performance Capacity**

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

### **Economy**

### **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**

- Meets the latest exhaust emission standards
- 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

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

Optional Attachment Mode Selector Switch There's a choice of three different hydraulic circuits, to accommodate bucket, crusher or

inside the cab, and the selector valve

automatically configures the machine accord-

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



### The GEOSPEC Difference:

## **Efficient Performance!**

Amazing Productivity with a 20 % Decrease in Fuel Consumption and "Top-Class" Cost-Performance



### ■ Fuel Consumption\*

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



### ✓ Work Volume\*

increase in work volume using the same amount of fuel.

### "Top-Class" Powerful Digging

Max. arm crowding force: 119 kN {12.1 tf}

Max. arm crowding force with power boost:

131 kN {13.4 tf}

Max. bucket digging force: 170 KN {17.4 tf}

Max. bucket digging force 187 kN {19.1 tf}

### Powerful Travel

Travel torque: increased by 8 %

Drawbar pulling force:

244 kN {24.8 tf}

### Greater Swing Power, Shorter Cycle Times

High output swing torque and better controlled swing speed boost working efficiency

### Significant Extension of Continuous Working Hours

The combination of a large-capacity fuel tank and excellent fuel efficiency delivers 460L an impressive 70 % increase in continuous operation hours.\*\*

70 %

### Light Lever Operation

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



into the atmosphere.

# **Powerful Torque at Low-Speed** Torque (Nm) New engine Previous engine



S-mode or H-mode.

Simple Select:

H-Mode

S

S-Mode

**Two Digging Modes** 

### 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 Next-Generation Electronic Engine Control** The high-pressure, common-rail fuel-injection engine features a

cooled EGR (Exhaust Gas Recirculation) device that lowers the air intake temperature to keep the oxygen concentration down. The multiple injection system features adjustable control to maximize fuel efficiency and provide powerful medium/lowspeed torque. The result is a highly fuel-efficient engine that greatly reduces emissions of PM (particulate matter) and NOx



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

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

### \*The value shows results from actual measurements taken by KOBELCO when compared with previous KOBELCO models.

### **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)

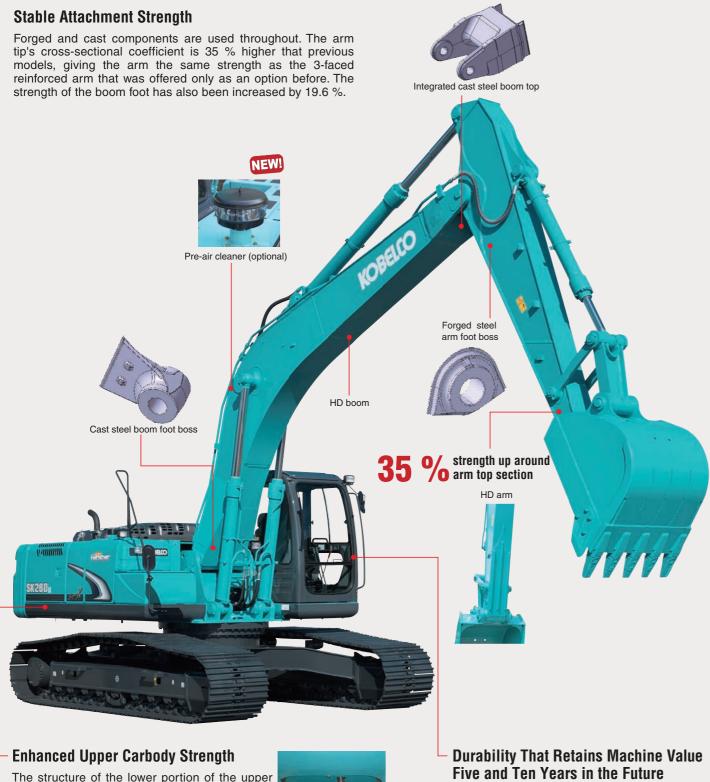
is an advanced, computerized system that provides comprehensive control of all machine functions.

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



### The GEOSPEC Difference:

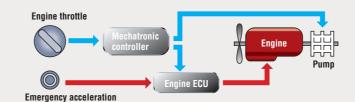
# The Value and Quality of Sturdy Construction!



# 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

MCU

New MCU

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

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



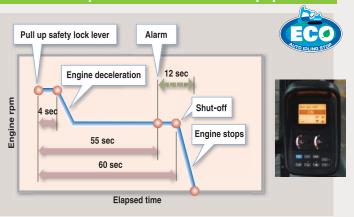
### The GEOSPEC Difference:

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

# Meets Standard Values Set by Emissions Regulations

The engine used in the GEOSPEC machines represents the crystallization of various cutting-edge technologies that minimize the emission of PM (Particulate Matter), NOx, black smoke, and other emissions, thus meeting all internationally recognized environmental regulations, including US EPA Tier III, NRMM (Europe) Stage IIIA, and Act on Regulation, Etc. of Emissions from Non-road Special Motor Vehicles (Japan).

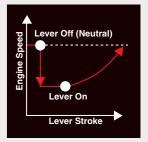
### Auto Idle Stop Provided as Standard Equipment



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.

# 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 area has been minimized. Also, the side deck's cross-sectional strength has been boosted by 50 %.



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



### The GEOSPEC Difference:

# "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



Engine Oil Filter

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

### **Quick Oil Drain Valves for Quick Maintenance**

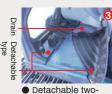


A quick drain valve, which requires no tools, is provided as standard equipment.



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



 Easy-access fuse 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



Air conditioner 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
- 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.

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



The GEOSPEC Difference:

# **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.

# CEOS DEC Super

### 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** Consideration



• Firewall separates the pump compartment from the engine





- Swing flashers/rear working
- Thermal guard prevents contact with hot components during engine
- Hand rails meet European standards
- Retractable seatbelt requires no manual adjustment

### Optional Features That Further Enhance Safety

- Cab working light
- Rearview camera and monitor
- Fire extinguisher One-way call
- Yellow swing rotary light Travel alarm (Optional)

### 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.

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

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

In-Cab Noise is Reduced by 3dB Compared with

Reduced Vibration for Fatigue-Free Operation

- 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.

Plenty of Foot Room

previous models.

Previous Models.

larger for greater operator comfort.



## Creating a Comfortable Operating Environment

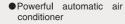


Seat can be reclined to horizontal position



closing the front window





New interior design and

materials create an ele-





One-touch lock release ●Large cup holder





Model	HINO JO5E				
Туре:	Direct injection, water-cooled, 4-cycle diesel engine with turbocharger, intercooler (Complies with EU (NRMM) Stage IIIA, US EPA Tier III, and Act on Regulation, Etc. of Emissions from Non-road Special Motor Vehicles (Japan))				
No. of cylinders:	4				
Bore and stroke:	112 mm X 130 mm				
Displacement:	5.123 L				
Datad navior autnut	137 kW/2,100 min <sup>-1</sup> (ISO14396:2002)				
Rated power output:	131 kW/2,100 min <sup>-1</sup> (ISO9249:2007)*				
May targue	654 N•m/1,600 min <sup>-1</sup> (ISO14396:2002)				
Max. torque:	635 N•m/1,600 min <sup>-1</sup> (ISO9249:2007)*				

 ${}^{\star}$ Previous indication



Pump				
Type:	Two variable displacement pumps + 1 gear pump			
Max. discharge flow:	2 X 246 L/min, 1 X 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/cm <sup>2</sup> }			
Travel circuit:	34.3 MPa {350 kgf/cm <sup>2</sup> }			
Swing circuit:	28.5 MPa {296 kgf/cm²}			
Control circuit:	5.0 MPa {50 kgf/cm²}			
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 the neutral position
Parking brake:	Hydraulic disc brake
Swing speed:	11.0 min <sup>-1</sup> {rpm}
Tail swing radius:	3,020 mm
Min. front swing radius:	3,910 mm



## Travel System

Travel motors:	2 X axial-piston, two-step motors				
Travel brakes:	Hydraulic disc brake				
Parking brakes:	Oil disc brake per motor				
Travel shoes:	47 each side (SK250)				
Havel Silves.	51 each side (SK260LC)				
Travel speed:	5.8/3.6 km/h				
Drawbar pulling force:	244 kN {24.8 tf} (SAE J 1309)				
Gradeability:	70 % {35°}				
Ground clearance:	460 mm				



## Cab & Control

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

viscous mounts and equipped with a neavy, insulated moor 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:	135 mm X 1,235 mm
Arm cylinder:		145 mm X 1,635 mm
	Bucket cylinder:	125 mm X 1,200 mm



## Refilling Capacities & Lubrications

Fuel tank:	460 L		
Cooling system:	20 L		
Engine oil:	21 L		
Travel reduction gear:	2 X 5.0 L		
Swing reduction gear:	7.0 L		
Hydraulic oil tank:	170 L tank oil level 280 L hydraulic system		



### **Attachments**

Backhoe bucket and arm combination

			Backhoe bucket					Slope finishing
	Normal digging			Light-duty	Heavy digging	bucket		
Use		<del>10000</del>	<del>10000</del>	<del>10000</del>	00000	10000 PA	_	
Bucket capacity	ISO heaped	m³	0.81	1.0	1.2	1.4	1.0	_
Ducket capacity	Struck	m³	0.7	0.9	1.0	1.2	0.9	_
Ononing width	With side cutters	mm	1,060	1,270	1,440	_	1,310	_
Opening width	Without side cutters	mm	960	1,180	1,340	1,510	1,190	2,200 X 1,200
No. of bucket teeth			4	5	5	6	5	_
Bucket weight		kg	700	810	850	890	890	890
	2.50 m arm		0	0	0	Δ	0	Δ
Combinations	2.98 m arm		0	0	Δ	×	0	Δ
	3 66 m arm		0	Δ	×	×	×	Δ



## **Working Ranges**

			• • • • • • • • • • • • • • • • • • • •			
Boom	6.02 m					
Arm Range	Short 2.5 m	Standard 2.98 m	Long 3.66 m			
a- Max. digging reach	9.89	10.31	10.98			
b- Max. digging reach at ground level	9.72	10.14	10.82			
c - Max. digging depth	6.52	7.0	7.68			
d- Max. digging height	9.65	9.8	10.22			
e- Max. dumping clearance	6.72	6.88	7.28			
f - Min. dumping clearance	3.03	2.55	1.87			
g- Max. vertical wall digging depth	5.82	6.15	6.97			
h- Min. swing radius	3.91	3.91	3.92			
i - Horizontal digging stroke at ground level	4.2	5.26	6.48			
j - Digging depth for 2.4 m (8') flat bottom	6.32	6.82	7.53			
D 1 1 11 100 1 1 2	4.0	4.0	0.04			

### Diggi

JING FORCE (ISO 6015) Unit: ki	ing	ing	g Force (ISO 6015)	Unit: kN
--------------------------------	-----	-----	--------------------	----------

Arm length	Short	Standard	Long
	2.5 m	2.98 m	3.66 m
Bucket digging force	170 {17.3}	170 {17.3}	170 {17.3}
	187 {19.1}*	187 {19.1}*	187 {19.1}*
Arm crowding force	142 {14.5} 156 {15.9}*	119 {12.1} 131 {13.4}*	104 {10.6}

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



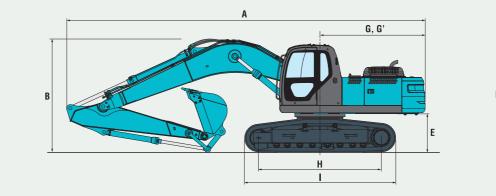
	Arm length		Short 2.5 m	Standard 2.98 m	Long 3.66 m
Α	Overall length		10,270	10,220	10,230
В	Overall height (to top of boom)		3,380	3,200	3,360
C	Overall width	SK250	3,190	(with 800 mm sh	oes)
U	Overall willin	SK260LC	3,390	(with 800 mm sh	oes)
D	Overall height (to	top of cab)	3,060	3,060	3,060
Ε	Ground clearance	of rear end	1,090	1,090	1,090
F	Ground clearance		460	460	460

	<u>a</u>
	<u>b</u>
	<u>, h</u>
	11 m
	10
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12 m 11	10 9 8 7 6 5 4 3 2 1 8 m

---- Standard Arm ---- Long Arm

					Unit: mm
G	Tail swing radius		3,120	3,120	3,120
G'	Distance from cent swing to rear end	er of	3,070	3,070	3,070
Н	Tumbler distance	SK250	3,470	3,470	3,470
п	Tulliblei uistalice	SK260LC	3,850	3,850	3,850
	Overall length of	SK250	4,260	4,260	4,260
'	crawler	SK260LC	4,640	4,640	4,640
J	Trook gougo	SK250	2,390	2,390	2,390
J	Track gauge	SK260LC	2,590	2,590	2,590
K	Shoe width			600/700/800	
L	Overall width of up	perstructure	2,950	2,950	2,950

\* Without including height of shoe lug.

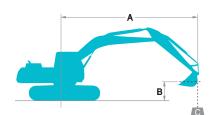


### **Operating Weight & Ground Pressure**

In standard trim, with standard boom, 2.98 m arm, and 1.0 m<sup>3</sup> ISO heaped bucket

iii standara tiriii, witii st	unuuru 500m, 2.0	o iii ariii, aiia r.c	iii 100 iicapca backet		
Shaped				Triple grouser shoes (even height)	
Shoe width	mm		600	700	800
Overall width	mm	SK250	2,990	3,090	3,190
Overall widdi	mm	SK260LC	3,190	3,290	3,390
Ground pressure	kPa (kgf/cm²)	SK250	54 {0.55}	47 {0.48}	41 {0.42}
divalia pressure	KFa (KYI/CIII )	SK260LC	50 {0.51}	43 {0.44}	38 (0.39)
Onevetine weight	l	SK250	24,600	24,900	25,100
Operating weight	kg	SK260LC	25,200	25,400	25,600

© Standard ○ Recommend △ Loading only × Not recommended





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: 34.3 MPa (350 kg/cm²)

SK250		Standard	d Arm: 2.98	m Bucket	: 1.0 m³ IS(	O heaped	810 kg Sh	ioe: 600 mi	m							
	A	1.5	5 m	3.0	m	4.5	m	6.0	m	7.5	i m	9.0	) m	At Max	. reach	
В			<del></del>		<b></b>		<b>—</b>		<del></del>		<b>—</b>		<b></b>		<del>"-</del>	Radius
7.5 m	kg													*3,030	*3,030	7.01 m
6.0 m	kg									*4,140	3,980			*2,920	*2,920	8.00 m
4.5 m	kg							*4,780	*4,780	*4,440	3,850			*2,960	2,910	8.62 m
3.0 m	kg			*12,550	*12,550	*7,570	*7,570	*5,810	5,330	*4,970	3,650			*3,120	2,600	8.95 m
1.5 m	kg			*5,750	*5,750	*9,630	7,600	*6,890	4,920	5,240	3,430	*3,560	2,480	*3,440	2,470	9.02 m
G. L.	kg			*7,420	*7,420	*10,940	7,110	7,190	4,610	5,050	3,260			3,890	2,480	8.83 m
-1.5 m	kg	*7,130	*7,130	*10,910	*10,910	11,280	6,930	7,010	4,460	4,950	3,170			4,190	2,670	8.37 m
-3.0 m	kg	*10,890	*10,890	*15,580	14,060	*11,120	6,960	7,000	4,450	4,980	3,190			4,900	3,140	7.58 m
-4.5 m	kg	*15,380	*15,380	*14,390	*14,390	*9,950	7,180	7,180	4,610					6,580	4,240	6.35 m

SK250		Standard	1 Arm: 2.98	m Bucket	: 1.0 m³ IS(	O heaped	810 kg Sh	oe: 800 mi	n							
	А	1.5	5 m	3.0	m	4.5	m	6.0	m	7.5	m	9.0	m	At Max.	reach	
В			<b>—</b>		<b>—</b>		<b>—</b>		<del></del>		<del></del>		<del></del>		<del></del>	Radius
7.5 m	kg													*3,030	*3,030	7.01 m
6.0 m	kg									*4,140	4,060			*2,920	*2,920	8.00 m
4.5 m	kg							*4,780	*4,780	*4,440	3,930			*2,960	*2,960	8.62 m
3.0 m	kg			*12,550	*12,550	*7,570	*7,570	*5,810	5,430	*4,970	3,730			*3,120	2,670	8.95 m
1.5 m	kg			*5,750	*5,750	*9,630	7,760	*6,890	5,020	5,360	3,510	*3,560	2,540	*3,440	2,530	9.02 m
G. L.	kg			*7,420	*7,420	*10,940	7,260	7,350	4,720	5,170	3,340			*3,960	2,550	8.83 m
-1.5 m	kg	*7,130	*7,130	*10,910	*10,910	*11,400	7,080	7,180	4,560	5,080	3,240			4,290	2,740	8.37 m
-3.0 m	kg	*10,890	*10,890	*15,580	14,340	*11,120	7,120	7,170	4,550	5,100	3,270			5,020	3,220	7.58 m
-4.5 m	kg	*15,380	*15,380	*14,390	*14,390	*9,950	7,330	*7,200	4,720					*6,630	4,340	6.35 m

SK250		Short Ar	m: 2.50 m	Bucket: 1.2	2 m³ ISO he	eaped 850	O kg Shoe:	600 mm								
	A	1.5	5 m	3.0	) m	4.5	i m	6.0	l m	7.5	i m	9.0	) m	At Max	. reach	
В			<del></del>		<b>—</b>	1	<b>—</b>		<b>—</b>		<b>—</b>		<del></del>		<del></del>	Radius
7.5 m	kg													*4,350	*4,350	6.46 m
6.0 m	kg							*4,580	*4,580	*4,330	3,900			*4,190	3,870	7.53 m
4.5 m	kg							*5,270	*5,270	*4,830	3,800			*4,250	3,200	8.18 m
3.0 m	kg					*8,350	8,230	*6,270	5,250	*5,310	3,620			4,340	2,850	8.53 m
1.5 m	kg					*10,250	7,460	*7,270	4,870	5,230	3,420			4,170	2,700	8.60 m
G. L.	kg			*6,310	*6,310	*11,270	7,080	7,180	4,610	5,070	3,280			4,250	2,730	8.40 m
-1.5 m	kg	*7,670	*7,670	*11,440	*11,440	11,330	6,980	7,060	4,500	5,010	3,220			4,620	2,980	7.91 m
-3.0 m	kg	*12,530	*12,530	*15,770	14,310	*10,910	7,080	7,100	4,540					5,530	3,570	7.08 m
-4.5 m	kg			*13,250	*13,250	*9,360	7,370							*7,050	5,100	5.74 m

SK25	0	Long Arr	n: 3.66 m	Bucket: 0.8	1 m³ ISO h	eaped 70	00 kg Shoe	: 600 mm								
	A	1.5	5 m	3.0	m	4.5	i m	6.0	l m	7.5	m	9.0	m	At Max	. reach	
В			<del>-</del>		<b>—</b>		<b>—</b>		<b>—</b>		<del></del>		<del></del>		<del></del>	Radius
7.5 m	kg									*3,030	*3,030			*2,200	*2,200	7.90 m
6.0 m	kg									*3,560	*3,560			*2,100	*2,100	8.79 m
4.5 m	kg									*3,930	*3,930	*3,110	2,750	*2,110	*2,110	9.36 m
3.0 m	kg					*6,430	*6,430	*5,150	*5,150	*4,500	3,730	4,020	2,630	*2,190	*2,190	9.66 m
1.5 m	kg			*9,200	*9,200	*8,670	7,850	*6,310	5,020	*5,170	3,480	3,880	2,500	*2,370	2,150	9.72 m
G. L.	kg	*3,130	*3,130	*7,880	*7,880	*10,320	7,190	7,230	4,650	5,070	3,270	3,760	2,390	*2,680	2,140	9.54 m
-1.5 m	kg	*5,980	*5,980	*9,940	*9,940	*11,160	6,880	6,990	4,430	4,920	3,130	3,700	2,330	*3,180	2,280	9.12 m
-3.0 m	kg	*8,970	*8,970	*13,330	*13,330	11,160	6,820	6,900	4,350	4,880	3,090			*4,080	2,600	8.41 m
-4.5 m	kg	*12,520	*12,520	*15,630	14,060	*10,530	6,950	6,990	4,430					5,170	3,310	7.32 m
-6.0 m	kg			*12,540	*12,540	*8,580	7,310							*6.450	5.170	5.65 m

SK260L	C	Standard	1 Arm: 2.98	m Bucket	: 1.0 m³ IS	O heaped	810 kg Sh	ioe: 600 mi	m							
	A	1.5	5 m	3.0	m	4.5	m	6.0	) m	7.5	i m	9.0	) m	At Max	. reach	
В			<del>-</del>		<b>—</b>		<b>—</b>				<b>—</b>		<b>—</b>		<del></del>	Radius
7.5 m	kg													*3,030	*3,030	7.01 m
6.0 m	kg									*4,140	*4,140			*2,920	*2,920	8.00 m
4.5 m	kg							*4,780	*4,780	*4,440	4,300			*2,960	*2,960	8.62 m
3.0 m	kg			*12,550	*12,550	*7,570	*7,570	*5,810	*5,810	*4,970	4,090			*3,120	2,950	8.95 m
1.5 m	kg			*5,750	*5,750	*9,630	8,600	*6,890	5,530	*5,570	3,870	*3,560	2,820	*3,440	2,810	9.02 m
G. L.	kg			*7,420	*7,420	*10,940	8,090	*7,740	5,220	5,980	3,690			*3,960	2,830	8.83 m
-1.5 m	kg	*7,130	*7,130	*10,910	*10,910	11,400	7,900	*8,190	5,060	5,880	3,600			*4,880	3,040	8.37 m
-3.0 m	kg	*10,890	*10,890	*15,580	*15,580	*11,120	7,940	*8,110	5,060	5,910	3,630			5,810	3,570	7.58 m
-4.5 m	kg	*15,380	*15,380	*14,390	*14,390	*9,950	8,160	*7,200	5,220					*6,630	4,800	6.35 m

SK260	LC	Standard	d Arm: 2.98	m Bucket	: 1.0 m³ IS	O heaped	810 kg Sh	ioe: 800 mi	n							
	A	1.	5 m	3.0	m	4.5	m	6.0	m	7.5	i m	9.0	m	At Max	. reach	
В			<del></del>		<b>—</b>		<b>—</b>		<b>—</b>		<b>—</b>		<del></del>		<del></del>	Radius
7.5 m	kg													*3,030	*3,030	7.01 m
6.0 m	kg									*4,140	*4,140			*2,920	*2,920	8.00 m
4.5 m	kg							*4,780	*4,780	*4,440	4,390			*2,960	*2,960	8.62 m
3.0 m	kg			*12,550	*12,550	*7,570	*7,570	*5,810	*5,810	*4,970	4,180			*3,120	3,020	8.95 m
1.5 m	kg			*5,750	*5,750	*9,630	8,790	*6,890	5,660	*5,570	3,960	*3,560	2,890	*3,440	2,880	9.02 m
G. L.	kg			*7,420	*7,420	*10,940	8,270	*7,740	5,350	*6,080	3,790			*3,960	2,910	8.83 m
-1.5 m	kg	*7,130	*7,130	*10,910	*10,910	*11,400	8,090	*8,190	5,190	6,030	3,700			*4,880	3,130	8.37 m
-3.0 m	kg	*10,890	*10,890	*15,580	*15,580	*11,120	8,120	*8,110	5,180	6,060	3,720			5,960	3,660	7.58 m
-4.5 m	kg	*15,380	*15,380	*14,390	*14,390	*9,950	8,350	*7,200	5,350					*6,630	4,920	6.35 m

SK260LC Short Arm: 2.50 m Bucket: 1.2 m³ ISO heaped 850 kg Shoe: 600 mm																
	A	A 1.5 r		3.0	m	4.5 m		6.0 m		7.5 m		9.0 m		At Max. reach		
В		1	<del></del>		<b>—</b>	-	<b></b>		<b>—</b>		<b>—</b>		<del></del>		<del></del>	Radius
7.5 m	kg													*4,350	*4,350	6.46 m
6.0 m	kg							*4,580	*4,580	*4,330	*4,330			*4,190	*4,190	7.53 m
4.5 m	kg							*5,270	*5,270	*4,830	4,250			*4,250	3,590	8.18 m
3.0 m	kg					*8,350	*8,350	*6,270	5,870	*5,310	4,060			*4,500	3,220	8.53 m
1.5 m	kg					*10,250	8,450	*7,270	5,490	*5,850	3,860			4,920	3,070	8.60 m
G. L.	kg			*6,310	*6,310	*11,270	8,060	*8,000	5,220	6,000	3,720			5,020	3,110	8.40 m
-1.5 m	kg	*7,670	*7,670	*11,440	*11,440	*11,450	7,960	*8,300	5,110	5,940	3,660			5,480	3,380	7.91 m
-3.0 m	kg	*12,530	*12,530	*15,770	*15,770	*10,910	8,060	*8,010	5,150					*6,490	4,050	7.08 m
-4.5 m	kg			*13,250	*13,250	*9,360	8,360							*7,050	5,750	5.74 m

SK260LC Long Arm: 3.66 m Bucket: 0.81 m³ ISO heaped 700 kg Shoe: 600 mm																
A		1.5 m		3.0 m		4.5 m		6.0 m		7.5 m		9.0 m		At Max. reach		
В			<del></del>		<b></b>		<del>-</del>		<b></b>		<del></del>		<del></del>		<del>"-</del>	Radius
7.5 m	kg									*3,030	*3,030			*2,200	*2,200	7.90 m
6.0 m	kg									*3,560	*3,560			*2,100	*2,100	8.79 m
4.5 m	kg									*3,930	*3,930	*3,110	3,090	*2,110	*2,110	9.36 m
3.0 m	kg					*6,430	*6,430	*5,150	*5,150	*4,500	4,180	*4,060	2,980	*2,190	*2,190	9.66 m
1.5 m	kg			*9,200	*9,200	*8,670	*8,670	*6,310	5,640	*5,170	3,920	*4,540	2,840	*2,370	*2,370	9.72 m
G. L.	kg	*3,130	*3,130	*7,880	*7,880	*10,320	8,180	*7,310	5,260	*5,770	3,710	4,460	2,730	*2,680	2,460	9.54 m
-1.5 m	kg	*5,980	*5,980	*9,940	*9,940	*11,160	7,860	*7,950	5,030	5,850	3,560	*3,910	2,670	*3,180	2,610	9.12 m
-3.0 m	kg	*8,970	*8,970	*13,330	*13,330	*11,240	7,790	*8,130	4,960	5,800	3,530			*4,080	2,970	8.41 m
-4.5 m	kg	*12,520	*12,520	*15,630	*15,630	*10,530	7,930	*7,670	5,040					*5,850	3,760	7.32 m
-6.0 m	kg			*12,540	*12,540	*8,580	8,300							*6,450	5,840	5.65 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.
- above int 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.

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