KOBELCO

HYDRAULIC EXCAVATORS

SK250 MARK-VI SUPER

SK250LC MARK-VI SUPER

Bucket Capacity: 0.81 — 1.40 m³ SAE heaped
Engine Power: 125 kW (170 PS/168 HP) SAE NET at 2,100 rpm
Operating Weight: 24,100 kg with 800 mm shoe — SK250 MARK-VI SUPER
24,700 kg with 800 mm shoe — SK250LC MARK-VI SUPER

Dynamic Acera

Greener Generation


KOBELCO

Dynamic Acera

Rediscover the Ultimate in Dynamic Performance:

THE DYNAMIC ACERA SK250/SK250LC MARK-VI SUPER!

The machines in the Dynamic Acera Series have earned a worldwide reputation for their power and reliability. Now we've taken that excellent combination one step further with the SK250/SK250LC MARK-VI SUPER. Stronger, more durable, and more powerful than ever, this tough all-around machine can handle civil engineering, rock removal, demolition, and many other tasks quickly and efficiently. Its new reinforced design keeps you on the job day after day, year after year, while enjoying the comfort, precise control, and maneuverability you've come to expect from KOBELCO. The SK250/SK250LC MARK-VI SUPER: rediscover what ultimate performance is all about!

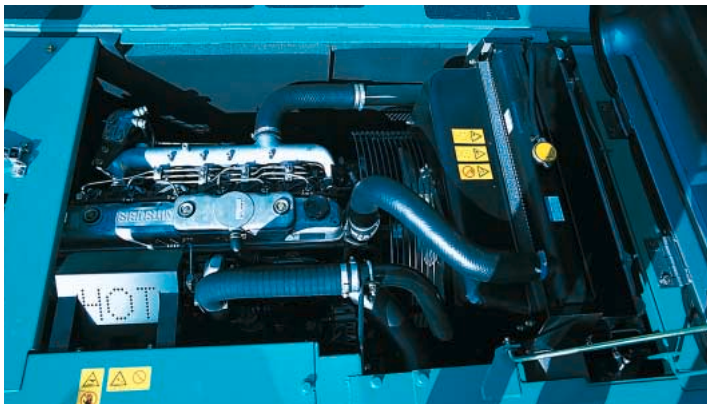
Extra Power and Stronger Structure Mean Superior Performance.

POWER UP!

High-Output yet Environment Friendly Engine

The high-output engine with intercooler features an ESS (Engine Speed Sensing) system and total horsepower control system that ensure the most efficient use of horsepower at all times. Engine complies with Tier II (European) Regulations.

Rated Output: ***125 kW (170 PS)***



Stronger Digging Forces for the Toughest Jobs

With max. discharge pressure set at a high 34.3 MPa, the SK250/SK250LC MARK-VI SUPER has power to spare for boom hoisting and other operations. Bucket digging force has been increased by 6% to handle the toughest jobs. And when even that's not enough, the one-push Power Boost feature provides an added 10%, without any time limit or cut in hydraulic flow.

Bucket Digging Force: ***165 kN***
With Power-Boost activated: ***182 kN***
Arm Crowding Force: ***113 kN***
With Power-Boost activated: ***125 kN***

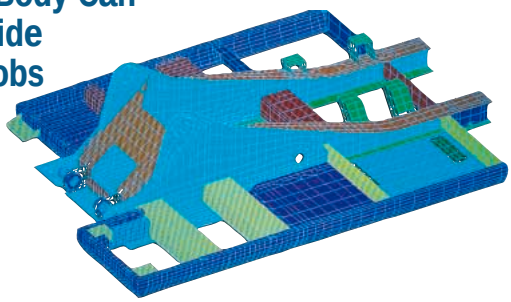
Powerful Drawbar Pull

High-performance travel system ensures powerful drawbar pulling force.

Drawbar pull: ***228 kN***

RUGGED STRUCTURE!

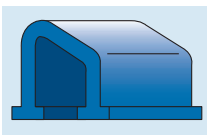
Reinforced Body Can Handle a Wide Variety of Jobs



With steel plate used in the upper body and boom support section, the SK250/SK250LC MARK-VI SUPER is tougher and more durable than ever, providing strong and stable support for long and heavy attachments. High-tensile steel plate is also used in the crawler frame and carbody.

New X-Chassis with Innovative Crawler Frame

The joint between the chassis and crawler frame has been further reinforced to make the chassis even more resistant to torsion. The new design of the crawler frame makes mud removal easy.



New design of crawler frame

Revolutionary KOBELCO Control System

ULTIMATE CONTROLLABILITY!

Responsiveness

With the improved ITCS system and the introduction of electronic positive control, control lever action is conveyed directly to the hydraulic pump. The operator gets exactly the response he wants: smooth, precise control; excellent stability; and steady speed during simultaneous operations.

Three Working Modes

Manual Mode (default setting)
This mode features crisp control and maximum engine output to boost operating capacity for hard digging and loading.

Assist Mode
The computerized ITCS (Intelligent Total Control System) system uses fuzzy logic to automatically analyze operational patterns and optimize machine output to achieve maximum efficiency.

Breaker Mode
The operator can control pump flow from his seat to match the breaker being used. During breaker operation, the system automatically adjusts the flow to preset value; at other operations, normal hydraulic flow is maintained.

Assist Mode Display Sample

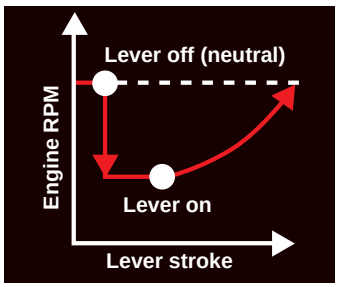
Digging | Leveling | Spreading | Tamping

Electronic Active Control System

This advanced system provides sensitive and accurate response in proportion to the lever stroke while ensuring shockless starts and stops.

Smooth Automatic Deceleration

When the control levers are in neutral, the engine automatically reduces speed to effectively save fuel.
Engine speed increases smoothly in response to lever stroke.



AN INDUSTRY FIRST! AUTO IDLING STOP (Option)

Reduces air pollution by cutting exhaust emissions

Auto Idling Stop eliminates wasteful and unnecessary engine idling. It cuts emissions of nitrogen oxide and carbon dioxide, minimizing the machine's effect on atmospheric pollution and global warming.

Auto Idling Stop (AIS) control switch

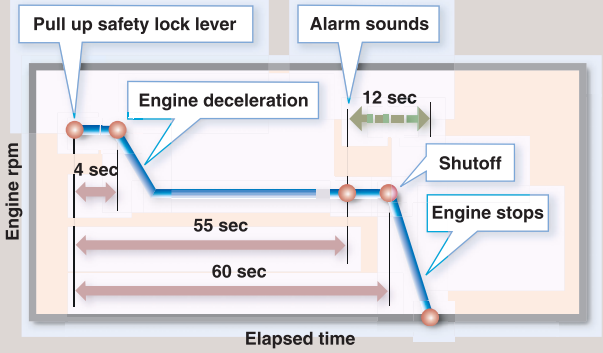
Reduces fuel consumption by approx. 20% (KOBELCO comparisons)

A big boost to energy saving! Fuel consumption is cut by approx. 20% compared with conventional machines. Significant savings can be made on fuel costs.

Note: May vary, according to operating conditions.

AIS System

The AIS system is activated whenever the safety lock lever is pulled up.



World-Class Cab Offers Plenty of Comfortable Space

Convenient Console Layout

1 Electric rotary engine throttle 2 Working mode selector switch
3 Multi-display monitor 4 Power Boost switch 5 Safety lever lock
6 Automatic climate control system

Wide, Reinforced Cab

The cab is 1,005mm wide, easily meeting European Standards. Comfort and ease of operation are the key words that describe the working environment, with reinforced pillars that provide added cab strength. Ample head clearance makes cab entry and exit easy.

Panoramic Visibility!

The forward view from the operator's seat easily clears ISO Standards, with upward visibility enhanced by the skylight.

Additional mirrors fitted to ensure on-site safet

Greener Generation

Side mirror

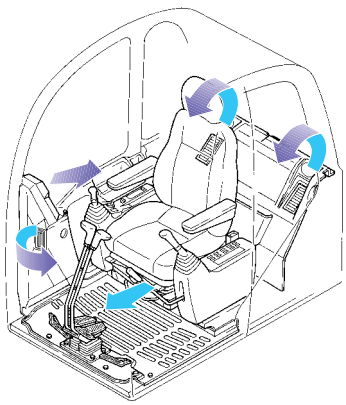
Cab side mirror

New! Front wiper blade covers 20% more area

- "Rise-up" long wiper blade stores up out of view.
- Polycarbonate skylight lifts up easily with help of a gas spring.

Automatic Climate Control

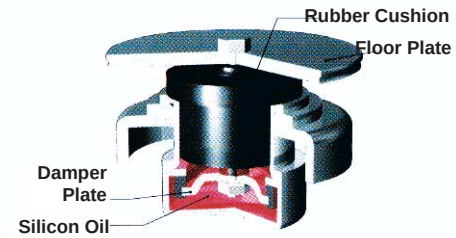
With a cooling output of 5.35 kW (4,600 kcal/h) and a heating output of 5.93 kW (5,100 kcal/h), the powerful climate control system keeps the cab comfortable in all kinds of weather. Just set the desired temperature.



Low Noise and Vibration

Viscous cab mounts effectively reduce vibration. Further protection against vibration and noise is provided by the high rigidity of the cab structure itself.

Cross-section of Viscous Cab Mount



Fully Adjustable Operator's Seat

The seat can be slid forward and backward either independently or together with the control console. It can also be adjusted vertically using the height-riser function to obtain just the right positioning for comfortable and efficient operation.

Relaxing Amenities

- New cup holder
- Hot'n'Cool box and large-capacity luggage box
- Easy-open front window with assist mechanism
- Optional rain visor

Excellent Reliability and Maintenance Features Ensure an Extended High-Performance

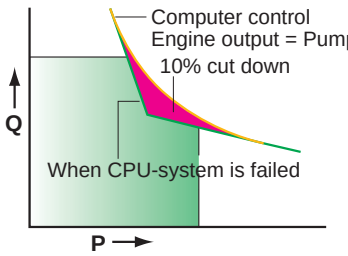
New CPU Back-up System

The chances of computer failure are very few, but if it happens, a new CPU back-up system keeps the engine and hydraulic system operating to allow the machine going at 90% normal capacity.

Engine cable throttle used when CPU is down

Emergency engine stop

CPU Back-up System



Highly Durable Attachment Bushing

- The self-greasing bushing in the boom foot and cylinder fixtures prolong service interval.
- The boom foot fixation has been reinforced by the usage of special extra-hard bushings.
- New bucket-clatter adjustment mechanism improves durability.

self-greasing bushing

New bucket-clatter adjustment mechanism

Greener Generation

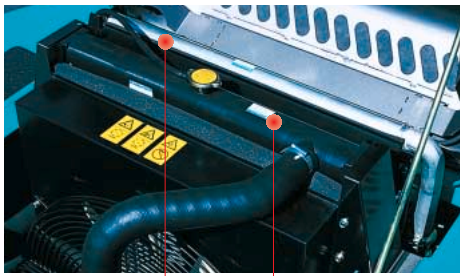
SUPER FINE FILTER, A LONG-LIFE FILTER FOR HYDRAULIC OIL

Filter life extended to 1,000 hours

Large capacity Super Fine Filter is made of high performance filter medium. It requires changing only once in 1,000 hours double the life of conventional filters. It saves on lifelong operating costs.

New, Removable Aluminium Radiator

The SK250/SK250LC MARK-VI SUPER has been equipped with a radiator made of aluminium and disperses heat very efficiently. The new design also allows you to remove the entire radiator for cleaning without detaching the piping. To make routine cleaning easier, there is ample space between the radiator and the oil cooler.



Aluminium oil cooler **Aluminium radiator**

New Water Separator

Large capacity and transparent water separator can separate more water from the fuel for longer cleaning intervals and easier routine maintenance.

Multi-Display Monitor

- The Multi-display Monitor constantly indicates the machine's running condition. The analog fuel and water temperature gauges can be read anytime at a glance.
- All frequently used switches are located on the display monitor panel for easy access.

Maintenance Information Display

Self-diagnostic function: 28 items
Service diagnostic function: 23 items
Malfunction log: last 60 items

Environment Friendly and Safety Features

For Environment

- New engine complies with Tier II (European) Regulations for Exhaust Emissions.
- Bio oil (option), Non Amin LLC

For Safety

Seatbelt, Safety lock lever, Handy hammer, Laminated safety glass, Safety valves for boom cylinders and arm cylinder, Travel alarm

SPECIFICATIONS

ENGINE

Model:	Mitsubishi 6D34-TLE2A
Type:	Direct injection, water-cooled, 4-cycle diesel engine with intercooled turbochager
No. of cylinders:	6
Bore and strokes:	104 mm × 115 mm
Displacement:	5,861 cc
Rated power output:	170 PS (168 HP) NET at 2,100 rpm (SAE J1349) 125 kW NET at 2,100 rpm (ISO 9249)
Max. torque:	63.2 kgf•m NET at 1,600 rpm (SAE J1349) 620 N•m NET at 1,600 rpm (ISO 9249)

HYDRAULIC SYSTEM

Pump:	Two variable displacement pumps + 1 gear pump
Max. discharge flow:	2 × 240 liters/min
Max. discharge pressure:	
Boom, arm and bucket:	34.3 MPa (350 kg/cm²)
Power Boost:	37.8 MPa (385 kg/cm²)
Propel circuit:	34.3 MPa (350 kg/cm²)
Swing circuit:	29.4 MPa (300 kg/cm²)
Control circuit:	5.0 MPa (51 kg/cm²)
Pilot control pump:	Gear type
Control valves:	6-spool
Oil cooler:	Finned tube, forced ventilation

CAB & CONTROL

All-weather, sound-suppressed steel cab is mounted on the silicon-sealed viscous mounts and fitted with an insulated floor mat. Large, tinted safety-glass windows, with pull-type upper front window and removable lower front window. Seven-way adjustable dual-slide seat with wrist-action levers, rotary-type electric throttle, safety lock lever, and multi display monitor. Ventilated, pressurized climate control system that bring outside air into cab. Intermittent windshield wiper with two-jet washer, light action cab door, skylight, cab light (interior), coat hook, and utility box.

TRAVEL SYSTEM

Travel motors:	Independent, axial-piston, two-step motors
Brakes:	Hydraulic disc brakes
Track shoes:	47 each side (SK250) 51 each side (SK250LC)
Travel speed:	6.0/4.0 km/h
Drawbar pulling force:	228 kN (23,300 kgf)-SAE J1349 MAY91
Gradeability:	35° (70%)
Ground clearance:	460 mm

SWING SYSTEM

Brake:	Hydraulic, locking automatically when the swing control lever is in neutral position
Parking brake:	Hydraulic disc brake
Swing speed:	11.0 rpm
Tail swing radius:	2,980 mm
Min.front swing radius:	3,880 mm

BOOM, ARM AND BUCKET

Boom cylinders (2):	135 mm × 1,235 mm
Arm cylinder:	140 mm × 1,635 mm
Bucket cylinder:	125 mm × 1,200 mm

REFILLING CAPACITIES AND LUBRICATIONS

Fuel tank:	340 liters
Cooling system:	22 liters
Engine oil:	24 liters
Travel reduction gear:	2 × 4.7 liters
Swing reduction gear:	15.3 liters
Hydraulic oil:	
Tank (oil level):	156 liters
Hydraulic systm:	260 liters

ATTACHMENTS

Backhoe bucket and arm combination

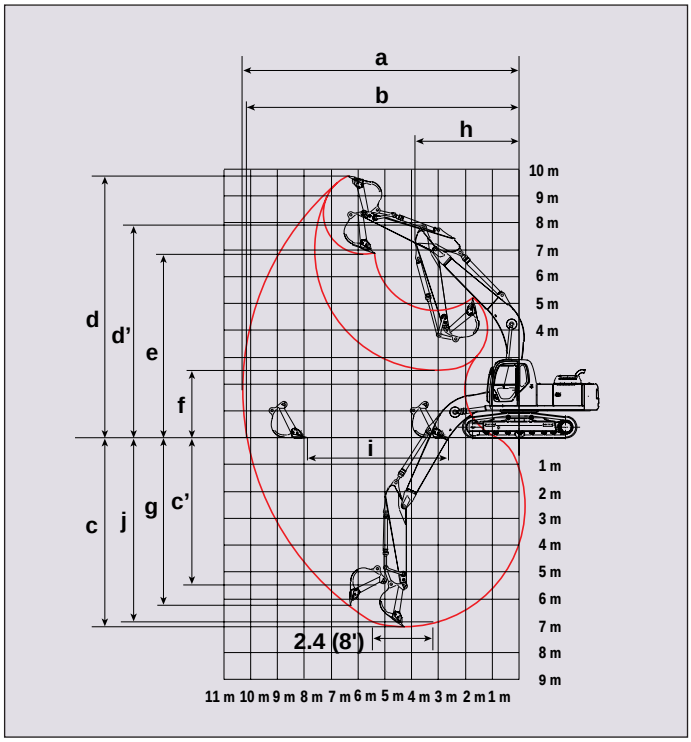
Use			Backhoe bucket					Slope-finishing bucket
			Normal digging			Light-duty	Heavy digging	
Bucket capacity (SAE heaped)		m³	0.81	1.0	1.2	1.4	1.0	—
Bucket capacity (CECE heaped)		m³	0.70	0.90	1.00	1.20	0.90	—
Opening width or X-section	With side cutters	mm	1,060	1,280	1,440	—	1,210	—
	Without side cutters	mm	960	1,180	1,340	1,510	1,170	2,200 × 1,200
No. of teeth			4	4	5	6	5	—
Combinations	2.40 m arm		○	○	○	△	○	△
	2.94 m arm		○	○	△	×	○	△
	3.50 m arm		○	△	×	×	×	△

○ Recommended △ Loading only × Not recommended

WORKING RANGES

Unit: m

Range \ Arm	2.50 m	Standard 2.98 m	3.66 m
a- Max. digging reach	9.89	10.31	10.97
b- Max. digging reach at ground level	9.73	10.14	10.82
c- Max. digging depth	6.57	7.03	7.73
c'- Max depth of bucket hinge pin	5.06	5.54	6.22
d- Max.digging height	9.60	9.77	10.15
d'- Max. height of bucket hinge pin	8.18	8.34	8.73
e- Max dumping clearance	6.67	6.85	7.21
f- Min. dumping clearance	2.98	2.52	1.82
g- Max. vertical digging wall digging depth	5.88	6.21	7.01
h- Min. front swing radius	3.91	3.88	3.91
i- Horizontal digging stroke at ground level	4.19	5.26	6.57
j- Digging depth for 2.4 m flat bottom	6.37	6.85	7.59
Bucket capacity SAE heaped m³	1.2	1.0	0.81



Digging Force (ISO 6015)

Unit: kN (kgf)

Arm length	Short 2.50 m	Standard 2.98 m	Long 3.66 m
Bucket digging force	165 (16,800) 182 (18,600)*	165 (16,800) 182 (18,600)*	165 (16,800) —
Arm crowding force	133 (13,600) 147 (15,000)	113 (11,500) 125 (12,700)	97.1 (9,900)

*Power Boost engaged.

DIMENSIONS

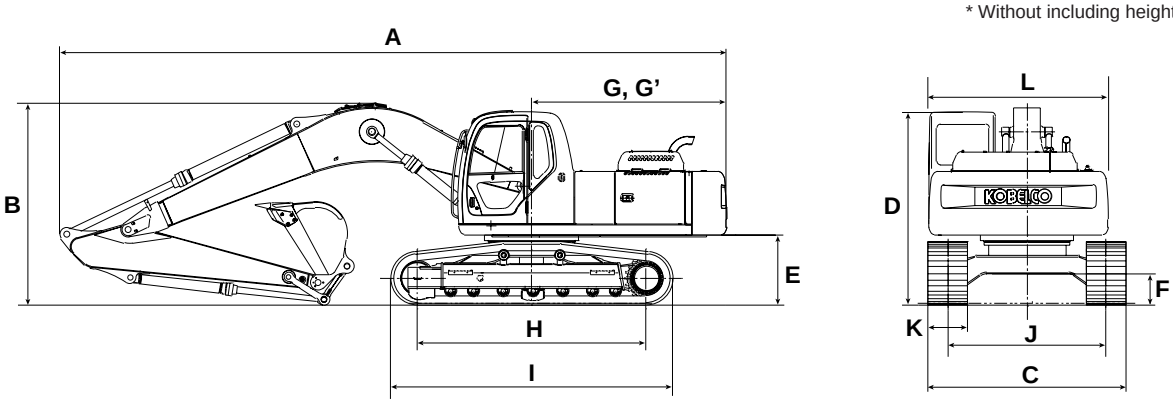
	Arm length	2.50 m	Standard 2.98 m	3.66 m
A	Overall legth	10,140	10,080	10,050
B	Overall height (to top of boom)	3,220	3,050	3,030

C	Overall width (600 mm shoe)	SK250	2,990	2,990	2,990
		SK250LC	3,190	3,190	3,190
D	Overall height (to top of cab)		2,940	2,940	2,940
E	Ground clearance of rear end*		1,060	1,060	1,060

Unit: mm

F	Ground clearance*		460	460	460
G	Tail swing radius		2,980	2,980	2,980
G'	Distance from center of swing to rear end		2,940	2,940	2,940
H	Tumbler distance	SK250	3,470	3,470	3,470
		SK250LC	3,850	3,850	3,850
I	Overall length of crawler	SK250	4,260	4,260	4,260
		SK250LC	4,660	4,660	4,660
J	Track gauge	SK250	2,390	2,390	2,390
		SK250LC	2,590	2,590	2,590
K	Shoe width		600/700/800		
L	Overall width of upperstructure		2,710	2,710	2,710

* Without including height of shoe lug.

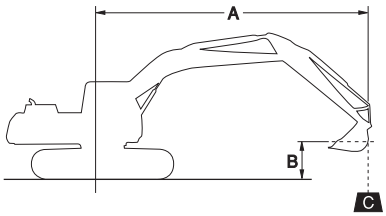


OPERATING WEIGHT AND GROUND PRESSURE

In standard trim, with standars boom, 2.98 m arm, and 1.0 m³ SAE heaped bucket.

Shape			Triple grouser shoe (even height)		
Shoe width		mm	600	700	800
Overall width	mm	SK250	2,990	3,090	3,190
		SK250LC	3,190	3,290	3,390
Ground pressure	kPa (kg/cm²)	SK250	51 (0.52)	45 (0.45)	39 (0.40)
		SK250LC	48 (0.49)	41 (0.42)	37 (0.37)
Operating weight	kg	SK250	23,600	23,800	24,100
		SK250LC	24,200	24,400	24,700

LIFTING CAPACITIES



Rating over front

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 kg/cm²)

SK250 Standard Arm: 2.98 m Bucket: 1.0 m³ SAE heaped 780 kg Shoe: 600 mm

B \ A		1.5 m		3.0 m		4.5 m		6.0 m		7.5 m		9.0 m	
6.0 m	kg									*4,160	4,020		
4.5 m	kg							*5,030	*5,030	*4,710	3,910		
3.0 m	kg			*12,990	*12,990	*7,910	*7,910	*6,120	5,400	*5,280	3,740		
1.5 m	kg			*5,380	*5,380	*10,100	7,770	*7,270	5,050	5,300	3,560	*3,480	2,610
G. L.	kg			*6,880	*6,880	*11,490	7,350	7,270	4,800	5,140	3,420		
-1.5 m	kg	*6,610	*6,610	*10,110	*10,110	11,410	7,200	7,130	4,660	5,060	3,340		
-3.0 m	kg	*10,100	*10,100	*14,440	*14,440	11,440	7,220	7,120	4,650	5,080	3,350		
-4.5 m	kg	*14,270	*14,270	*15,200	14,830	*10,540	7,400	7,260	4,780				

SK250 Standard Arm: 2.98 m Bucket: 1.0 m³ SAE heaped 780 kg Shoe: 800 mm

B \ A		1.5 m		3.0 m		4.5 m		6.0 m		7.5 m		9.0 m	
6.0 m	kg									*4,160	4,100		
4.5 m	kg							*5,030	*5,030	*4,710	3,990		
3.0 m	kg			*12,990	*12,990	*7,910	*7,910	*6,120	5,500	*5,280	3,820		
1.5 m	kg			*5,380	*5,380	*10,100	7,930	*7,270	5,160	5,420	3,640	*3,480	2,680
G. L.	kg			*6,880	*6,880	*11,490	7,510	7,430	4,900	5,260	3,500		
-1.5 m	kg	*6,610	*6,610	*10,110	*10,110	11,650	7,350	7,280	4,770	5,180	3,420		
-3.0 m	kg	*10,100	*10,100	*14,440	*14,440	11,680	7,370	7,270	4,760	5,190	3,430		
-4.5 m	kg	*14,270	*14,270	*15,200	15,120	*10,540	7,550	7,420	4,890				

SK250 Long Arm: 3.66 m Bucket: 0.81 m³ SAE heaped 700 kg Shoe: 600 mm

B \ A		1.5 m		3.0 m		4.5 m		6.0 m		7.5 m		9.0 m	
7.5 m	kg									*2,820	*2,820		
6.0 m	kg									*3,780	*3,780		
4.5 m	kg							*5,420	*5,420	*4,170	4,000	*2,910	2,830
3.0 m	kg					*6,710	*6,710	*6,660	5,140	*4,780	3,810	*3,840	2,740
1.5 m	kg			*8,810	*8,810	*9,090	7,980	7,310	4,820	5,340	3,600	3,950	2,630
G. L.	kg	*2,980	*2,980	*7,410	*7,410	*10,850	7,420	7,100	4,630	5,150	3,420	3,850	2,530
-1.5 m	kg	*5,610	*5,610	*9,280	*9,280	11,370	7,150	7,030	4,570	5,020	3,300	*3,700	2,480
-3.0 m	kg	*8,340	*8,340	*12,360	*12,360	11,300	7,100	7,100	4,630	4,980	3,270		
-4.5 m	kg	*11,570	*11,570	*16,480	*14,450	*11,140	7,200						
-6.0 m	kg			*13,350	*13,350	*9,170	7,500						

SK250 Long Arm: 3.66 m Bucket: 0.81 m³ SAE heaped 700 kg Shoe: 800 mm

B \ A		1.5 m		3.0 m		4.5 m		6.0 m		7.5 m		9.0 m	
7.5 m	kg									*2,820	*2,820		
6.0 m	kg									*3,780	*3,780		
4.5 m	kg							*5,420	*5,420	*4,170	4,080	*2,910	2,890
3.0 m	kg					*6,710	*6,710	*6,660	5,240	*4,760	3,890	*3,840	2,800
1.5 m	kg			*8,810	*8,810	*9,090	8,130	7,470	4,930	5,460	3,680	4,050	2,690
G. L.	kg	*2,980	*2,980	*7,410	*7,410	*10,850	7,570	7,260	4,740	5,270	3,500	3,950	2,600
-1.5 m	kg	*5,610	*5,610	*9,280	*9,280	11,620	7,310	7,190	4,670	5,140	3,380	*3,700	2,540
-3.0 m	kg	*8,340	*8,340	*12,360	*12,360	11,550	7,250	7,260	4,730	5,110	3,350		
-4.5 m	kg	*11,570	*11,570	*16,480	14,740	*11,140	7,360						
-6.0 m	kg			*13,350	*13,350	*9,170	7,660						

SK250LC Standard Arm: 2.98 m Bucket: 1.0 m³ SAE heaped 780 kg Shoe: 600 mm													
A / B		1.5 m		3.0 m		4.5 m		6.0 m		7.5 m		9.0 m	
6.0 m	kg									*4,160	*4,160		
4.5 m	kg							*5,030	*5,030	*4,710	4,370		
3.0 m	kg			*12,990	*12,990	*7,910	*7,910	*6,120	6,030	*5,280	4,190		
1.5 m	kg			*5,380	*5,380	*10,100	8,780	*7,270	5,680	*5,910	4,010	*3,480	2,960
G. L.	kg			*6,880	*6,880	*11,490	8,350	*8,170	5,410	6,080	3,860		
-1.5 m	kg	*6,610	*6,610	*10,110	*10,110	*11,990	8,190	8,500	5,280	5,990	3,780		
-3.0 m	kg	*10,100	*10,100	*14,440	*14,440	*11,720	8,210	8,490	5,270	6,010	3,800		
-4.5 m	kg	*14,270	*14,270	*15,200	*15,200	*10,540	8,400	*7,670	5,400				

SK250LC Standard Arm: 2.98 m Bucket: 1.0 m³ SAE heaped 780 kg Shoe: 800 mm													
A / B		1.5 m		3.0 m		4.5 m		6.0 m		7.5 m		9.0 m	
6.0 m	kg									*4,160	*4,160		
4.5 m	kg							*5,030	*5,030	*4,710	4,460		
3.0 m	kg			*12,990	*12,990	*7,910	*7,910	*6,120	*6,120	*5,280	4,290		
1.5 m	kg			*5,380	*5,380	*10,100	8,970	*7,270	5,800	*5,910	4,100	*3,480	3,040
G. L.	kg			*6,880	*6,880	*11,490	8,540	*8,170	5,540	6,230	3,960		
-1.5 m	kg	*6,610	*6,610	*10,110	*10,110	11,990	8,380	*8,650	5,400	6,140	3,880		
-3.0 m	kg	*10,100	*10,100	*14,440	*14,440	*11,720	8,400	*8,580	5,390	6,160	3,890		
-4.5 m	kg	*14,270	*14,270	*15,200	*15,200	*10,540	8,590	*7,670	5,530				

SK250LC Long Arm: 3.66 m Bucket: 081 m³ SAE heaped 700 kg Shoe: 600 mm													
A / B		1.5 m		3.0 m		4.5 m		6.0 m		7.5 m		9.0 m	
7.5 m	kg									*2,820	*2,820		
6.0 m	kg									*3,780	*3,780		
4.5 m	kg									*4,170	*4,170	*2,910	*2,910
3.0 m	kg					*6,720	*6,720	*5,430	*5,430	*4,780	4,260	*3,840	3,080
1.5 m	kg			*8,790	*8,790	*9,100	9,000	*6,670	5,760	*5,490	4,040	*4,540	2,970
G. L.	kg	*2,990	*2,990	*7,420	*7,420	*10,860	8,420	*7,730	5,440	6,090	3,860	4,550	2,880
-1.5 m	kg	*5,620	*5,620	*9,290	*9,290	*11,750	8,140	8,410	5,250	5,960	3,740	*3,690	2,820
-3.0 m	kg	*8,350	*8,350	*12,380	*12,380	*11,850	8,090	8,400	5,180	5,920	3,710		
-4.5 m	kg	*11,580	*11,580	*16,470	*16,470	*11,130	8,200	*8,140	5,250				
-6.0 m	kg			*13,330	*13,330	*9,160	8,510						

SK250LC Long Arm: 3.66 m Bucket: 081 m³ SAE heaped 700 kg Shoe: 800 mm													
A / B		1.5 m		3.0 m		4.5 m		6.0 m		7.5 m		9.0 m	
7.5 m	kg									*2,820	*2,820		
6.0 m	kg									*3,780	*3,780		
4.5 m	kg									*4,170	*4,170	*2,910	*2,910
3.0 m	kg					*6,720	*6,720	*5,430	*5,430	*4,780	4,350	*3,840	3,160
1.5 m	kg			*8,790	*8,790	*9,100	9,100	*6,670	5,890	*5,490	4,140	*4,540	3,050
G. L.	kg	*2,990	*2,990	*7,420	*7,420	*10,860	8,610	*7,730	5,570	*6,120	3,960	4,670	2,950
-1.5 m	kg	*5,620	*5,620	*9,290	*9,290	*11,750	8,330	*8,410	5,370	6,110	3,840	*3,690	2,900
-3.0 m	kg	*8,350	*8,350	*12,380	*12,380	*11,850	8,270	8,600	5,310	6,070	3,800		
-4.5 m	kg	*11,580	*11,580	*16,470	*16,470	*11,130	8,390	*8,140	5,370				
-6.0 m	kg			*13,300	*13,300	*9,160	8,700						

Notes:

1. Do not attempt to lift or hold any load that exceeds these rated values at their specified load radii and heights.
2. Lifting capacities assume a machine standing on a level, firm, and uniform supporting surface. Operator must make allowance for job conditions such as soft or uneven ground, out of level conditions, side loads, sudden stopping of loads, hazardous conditions, inexperienced personnel, weight of various other buckets, lifting slings, attachments, etc.
3. Ratings at bucket lift hook.
4. The above rated loads are in compliance with SAE Hydraulic Lift Capacity Rating Standard J 1097. They do not exceed 87% of hydraulic lifting capacity or 75% of tipping load. Rated loads marked with an asterisk(*) are limited by hydraulic capacity rather than tipping load.
5. Operator should be fully acquainted with the operators' manual before operating this machine. Rules for safe operation of equipment should be followed at all times.
6. Capacities apply only to the machine as originally manufactured and normally equipped by KOBELCO Construction Machinery Co., Ltd.

STANDARD EQUIPMENT

- Engine, MITSUBISHI 6D34-TLE2A, turbocharger, intercooler
- Working mode selector (Assist mode, Manual mode, or Breaker mode)
- Power Boost
- Swing rebound prevention system
- Sequenced arm regeneration system
- Straight travel system
- Automatic shift down two-speed travel
- Automatic engine deceleration
- Sealed and lubricated tracks
- Batteries (2 × 12V - 96Ah)
- Starting motor (24V - 5 kW), 35 amp alternator
- Easy removable aluminium radiator
- Large capacity water separator
- Towing eyes
- Aluminium hydraulic oil cooler
- Double element air cleaner
- Automatic engine shut-down at low engine oil pressure
- Horn, electric
- Two side mirror
- One front and two rear working lights
- Swing flashers
- Automatic swing brake
- Two control levers, pilot-operated
- Cab, all-weather sound suppressed type with ashtray, cigarette lighter, cab light (interior), coat hook, floor mat, 4-way adjustable seat, retractable seatbelt, head rest, hand rails, heater and defroster, intermittent windshield wiper with double-spray washer, sunshade, skylight, tinted safety glass, pull-type front window and removable lower front window
- Instrument panel: Easy-to-read multi-display monitor
- Automatic climate control

OPTIONAL EQUIPMENT

- Radio, AM/FM Stereo with speakers
- Wide range of buckets
- Various optional arms
- Wide range of shoes
- Travel alarm
- Boom safety valves
- Auto Idling Stop (AIS)
- Arm safety valve
- Front guard protective structures
- Additional hydraulic circuit
- FOPS-compliant head guard

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

Little Details Make a Big Difference…

Large-size battery box

Easy-to-clean floor mat

Insulating plate prevents hydraulic oil from spattering on the engine and the muffler.

Sunshade protects the operator from overhead sunlight

FOPS-Compliant Head Guard (Option)

The cab clears ISO-rated FOPS Standards. Equipped with the optional extra-strength head guard.

Finish with round trim at the front of cab for quality appearance.

Thermal guard prevents contact with hot components.

Hammer to break glass in case of emergency.

Hot ‘n’ Cool Box

Hot ‘n’ Cool Box for snacks and drinks.

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