

KOBELCO®

SK350LC ACERA MARK 8



Operating Weight
79,600 lbs

Horsepower
264 @ 2,100 rpm

Max Digging Depth
24'10"

Bucket Capacity
.875 to 2.75 cu yd

Bucket Breakout Force (SAE)
49,230 lbs
Courtesy of Machine.Market

Easy, ground-level servicing of filters, batteries and hydraulics reduces maintenance time to boost your productivity.

Spacious dimensions and an unrivaled view make the Kobelco cab a comfortable and productive place to work.

THE SMOOTHEST WAY TO DIG, LIFT, LOAD AND LEVEL

Kobelco excavators set the example for jobsite productivity and versatility. The new SK350LC Acera hydraulic excavator uses state-of-the-industry technology to deliver superior digging, leveling and lifting performance while providing you with top-notch comfort and reliability.

Ergonomically designed cab

- Oversized for operator comfort
- All-direction visibility
- State-of-the-art controls provide easy access to all functions
- Climate-controlled air conditioning/heating system

Industry-leading forces

- Industry-leading bucket and arm digging forces in its class
- Complete swing-dumping operations within a 9'7" width
- Superior swing torque allows you to swing heavy loads with ease
- Outstanding drawbar pull for grading and hill climbing

Proven power on demand

- Dependable big-bore Hino turbocharged, full-injected engine
- 264 SAE net engine horsepower (197 kW)
- Press the Power Boost switch and you'll get 10% more power for additional digging capability without time limit

Kobelco has one goal: to build high-performance excavators that give you a competitive edge. Streamline your operation with a tough, dependable SK350LC Acera excavator. Visit your Kobelco dealer for a demonstration.

ACERA Mark 8

The SK350LC provides industry-leading bucket and arm digging forces in its class so you can easily handle the most demanding digging conditions.

The operator seat adjusts seven ways to fit operators of any size.

Diagnostic system monitors vital functions and provides you with complete operating information.

SK350LC

OUTSTANDING VISIBILITY AND CONTROL

Comfortable operators perform at their very best. The Kobelco SK350LC sets a new standard—complete control and maximum comfort—with auto-acceleration and a 360-degree view that puts you at ease.

All-direction visibility

- Large glass panels on all sides
- Operator positioned for maximum visibility

Comfortable seating

- 7-position suspension seat adjusts for operators of every shape and size
- Viscous silicon cab mounts minimize vibration and shocks
- Wide entry/exit area and roomy cab design provides exceptional comfort
- Standard AM/FM stereo with dual speakers

Control made easy

- Intelligent control system ensures smooth engagements and disengagements
- Auto-acceleration system smoothly increases engine rpms to full speed in proportion to the operator's movement of the control levers, resulting in even, deliberate acceleration for precise operations
- Heavy lift mode for extra lift capacity
- Power boost switch is located on the right-hand control lever
- Independent travel circuit, exclusive to North American Kobelco products, provides dedicated flow for excavator travel

Easy-to-read instruments

- Central gauge cluster includes work mode selection switch, fuel and temperature gauges, other gauges and a visible multi-display with large shade screen
- Self-diagnostics allow you to monitor system pressures, engine speed, travel speed and most other operating functions
- Warning screens and audible alarms alert you to any critical function status
- Establish and review service interval reminders, engine oil, hydraulic oil, fuel filter, and hydraulic filter

Personal climate control

- High-efficiency air conditioning/heating system
- Program a temperature between 61 and 91 degrees F (18 to 32 C) for optimum comfort any time of year
- Four fan speeds with LCD display

Operators work with confidence and ease with a clear view of the jobsite.

Switches on the right-hand side include double-flow hydraulics for powering a full range of tools and attachments, mode selection switches, heavy lift and independent travel switches.

SMOOTH, FAST POWER

Built at the Kobelco factory in Calhoun, Georgia the SK350LC Acera excavator is reliable, fast and powerful. With industry-leading breakout force and lift capacities and easy state-of-the-art ground level servicing, the SK350LC can streamline your operations. Use the SK350LC to dig trenches, carry and set large pipe and trench boxes, backfill, clear sites and load trucks fast.

Reliable power source

- Proven, 264 net horsepower turbocharged electronic fuel-injected Hino engine
- Multiple injector technology for excellent fuel economy
- Meets Tier 3 emissions standards

Power mode selection

- Provides four modes for work operation:
 - **H Mode** Heavy-duty excavation work, gives priority to the workload at high speed
 - **S Mode** Standard digging and loading work, provides fuel savings
 - **B Mode** Breaker work (1-way flow)
 - **A Mode** Demolition work with crusher (2-way / 2 pump flow)
- Change modes easily using a switch on the readout display

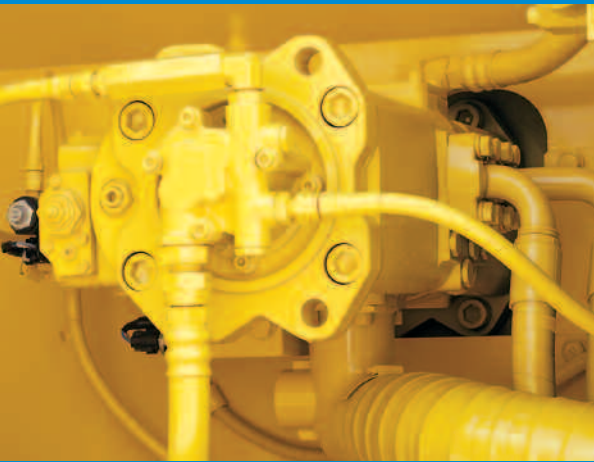
Smooth, powerful hydraulic performance

- Power boost switch provides 10% more power on command for increased bucket breakout force, without time limit
- Boom and arm holding valves minimize drift for consistent positioning
- Standard high-flow valve can be switched between one-pump flow to two-pump flow from the cab

Designed for auxiliary attachments

- High-capacity hydraulic system allows you to adjust pump flow from the cab
- Standard one or two-way auxiliary valve makes it easy to install piping and controls for auxiliary hydraulics
- Two auxiliary hydraulic modes permit switching between one-way and two-way flow without manually switching a valve (with optional auxiliary hydraulics installed)
- An optional independent flow 'extra' circuit, with dedicated gear pump, provides flow for multi-function attachments that include thumbs or twist buckets

The Kobelco hydraulic system is sealed and checked from the factory for purity using state-of-the-art "clean room" manufacturing techniques and facilities.



The hydraulic feed to the main pumps is positioned to draw fluid from the side of the hydraulic tank - rather than the tank bottom like many competitors. The hydraulic system utilizes a high capacity, small particle filtration system to provide industry leading maintenance intervals.

Simplified servicing saves you time and effort. All routine servicing and fluid checks can be performed easily from ground level, with ground level access to batteries, sight gauges, couplers and filters.

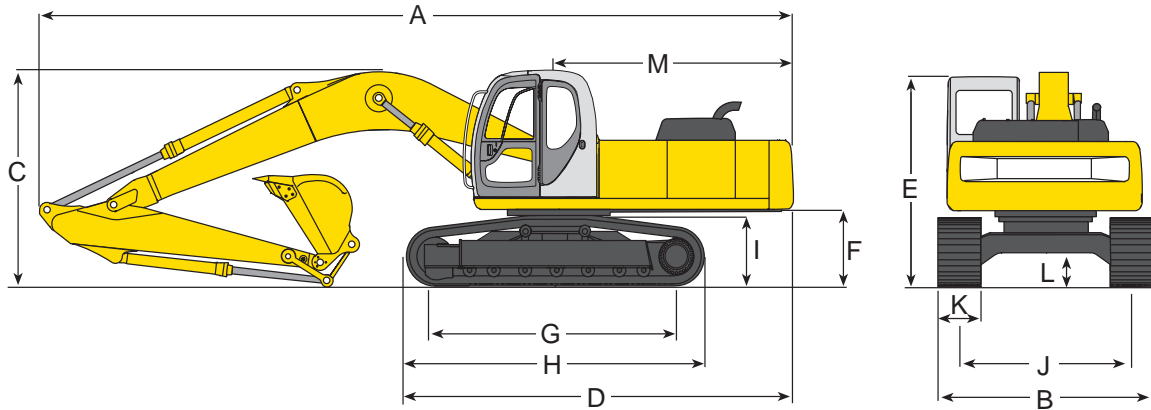
Side-by-side radiator, oil cooler and intercooler can be accessed easily for inspection and cleaning. The systems are separate, allowing the radiator to be removed for service without the need to drain the hydraulic system.

Flanged brass bushings provide long life and extended maintenance intervals.

Big-bore, in-line six-cylinder engine produces 736 ft.-lbs (998 N•m) of torque

The Power mode system provides four power modes to match your work operations. The monitor features a large sunshade for easy viewing.

SK350LC DIMENSIONS, WEIGHTS & BUCKET SELECTION CHART



DIMENSIONS: SK350LC Unit ft-in (m)

ARM LENGTH	10' 10" (3.33)	13' 7" (4.15)
A. Overall length	36' 9" (11.20)	36' 10" (11.23)
B. Overall width (with 800mm shoe)	11' 2" (3.40)	11' 2" (3.40)
C. Overall height (to top of boom)	11' 3" (3.42)	11' 9" (3.59)
D. Basic machine length	19' 8" (5.99)	19' 8" (5.99)
E. Overall height (to top of cab)*	10' 4" (3.16)	10' 4" (3.16)
F. Ground clearance of rear end*	3' 11" (1.20)	3' 11" (1.20)
G. Center distance of tumblers	13' 3" (4.05)	13' 3" (4.05)
H. Overall length of crawler	16' 4" (4.98)	16' 3" (4.97)
I. Crawler height at tumbler center*	3' 5" (1.05)	3' 4" (1.05)
J. Track gauge	8' 6" (2.60)	8' 5" (2.60)
K. Width of crawler shoe	31.5" (800 mm)	31.5" (800 mm)
L. Ground clearance of undercarriage*	19.7" (500 mm)	19.7" (500 mm)
M. Tail swing radius	11' 6" (3.50)	11' 6" (3.50)

*Excludes height of grouser bar.

WEIGHTS: SK350LC Bucket weight: 2,360 lbs (1,073 kg)

SHOE WIDTH	in (mm)	35.4 (900)	31.5 (800)
Machine overall width	ft-in (mm)	10' 10" (330)	10' 10" (330)
Ground pressure	psi (kPa)	6.59 (45.4)	7.33 (50.6)
Operating weight	lb (kg)	80,500 (36,500)	79,600 (36,100)

SHOE WIDTH	in (mm)	27.6 (700)	23.6 (600)
Machine overall width	ft-in (mm)	10' 10" (330)	10' 10" (330)
Ground pressure	psi (kPa)	8.31 (57.3)	9.48 (65.4)
Operating weight	lb (kg)	78,660 (35,680)	77,200 (35,000)

BUCKET SELECTION CHART

Bucket Duty	Capacity (SAE)		Width		Bucket		Arm ft-in (m)	
	Cubic Yard	(m³)	Inches	(m)	Weight lb	(kg)	10'10" (3.3)	13'7" (4.15)
GENERAL	.875	(.669)	24"	(.609)	1,925	(873)	H	H
	1.25	(.956)	30"	(.762)	2,105	(955)	H	H
	1.50	(1.146)	36"	(.914)	2,365	(1,073)	H	M
	1.75	(1.337)	42"	(1.066)	2,550	(1,157)	H	L
	2.0	(1.529)	48"	(1.219)	2,700	(1,225)	M	X
	2.375	(1.815)	54"	(1.371)	3,825	(1,735)	L	X
	2.75	(2.10)	54"	(1.371)	4,050	(1,837)	L	X
HEAVY DUTY	.875	(.669)	24"	(.609)	2,070	(939)	H	H
	1.25	(.956)	30"	(.762)	2,265	(1,027)	H	H
	1.50	(1.146)	36"	(.914)	2,545	(1,154)	H	M
	1.75	(1.337)	42"	(1.066)	2,740	(1,243)	M	L
	2.0	(1.529)	48"	(1.219)	2,905	(1,318)	L	X
	2.375	(1.815)	54"	(1.371)	3,040	(1,379)	L	X
SEVERE DUTY	1.00	(.764)	27"	(.685)	2,330	(1,057)	H	H
	1.25	(.956)	33"	(.762)	2,585	(1,172)	H	H
	1.50	(1.146)	36"	(.914)	2,690	(1,220)	H	M
	1.75	(1.337)	42"	(1.066)	2,945	(1,336)	M	L
	2.0	(1.529)	48"	(1.219)	3,160	(1,433)	L	X

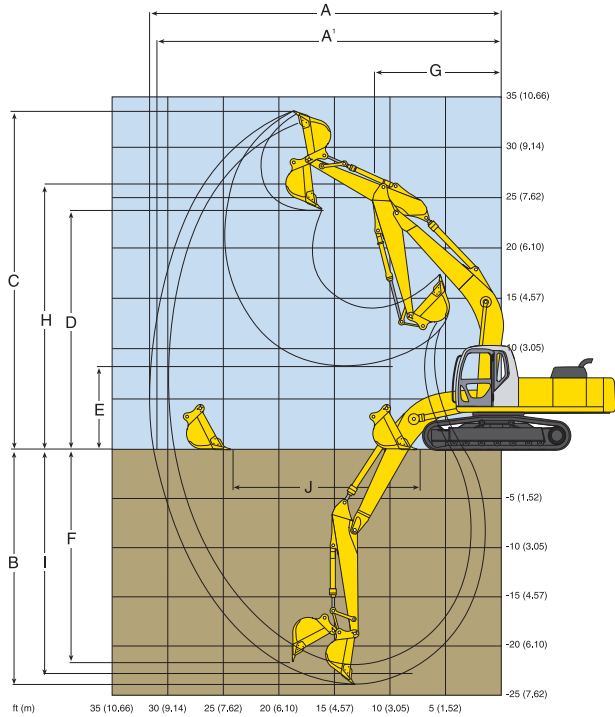
H - Used with material weight up to 3,000 lbs/cu yd (1,780 kg/m³)

M - Used with material weight up to 2,500 lbs/cu yd (1,483 kg/m³)

L - Used with material weight up to 2,000 lbs/cu yd (1,186 kg/m³)

X - Not recommended

SK350LC SPECIFICATIONS



This chart is a graphic representation of the working ranges for the SK350LC equipped with a 10' 10" (3.3 m) arm.

PERFORMANCE

Travel speed	3.5/2.1 mph (5.6/3.3 km/h)
Swing speed	10.0 rpm
Gradeability	35 degrees (70%)
Drawbar pulling force	72,400 lbs (322 kN)

SPECIFICATION SUMMARY

GENERAL

Operating weight with Bucket	lb (kg)	79,600 (36,100)
Bucket Capacity Range	cu yd (m ³)	.875-2.75 (.67-2.10)

ENGINE

Make and Model	HINO	JO8E-TM
Displacement	cu in (L)	469 (7.684)
Bore and Stroke	in (mm)	4.41"x5.12" (112 x 130)
Horsepower SAE NET	HP/RPM (KW/RPM)	264@2,100 (197@2,100)

WORKING RANGES

	(Std. Arm)	
Standard Arm	ft-in (m)	10' 10" (3.3)
Bucket Digging Force	lb (kg)	54,850 (24,880)
Arm Crowding Force	lb (kg)	40,690 (18,457)
Ground Level Reach	ft-in (m)	36' 3" (11.06)
Max. Digging Depth	ft-in (m)	24' 10" (7.56)
Max. Dumping Height	ft-in (m)	24' 2" (7.37)
Max. Vertical Wall Digging Depth	ft-in (m)	21' 8" (6.61)

HYDRAULIC SYSTEM

Hydraulic Pump	No & type	2VP+1FG
Rated Oil Flow	gpm (L/m)	2x77.6 (2x294)
Operating Pressure	Implement-psi (MPa)	4,970 (34.3)
Travel-	psi (MPa)	4,970 (34.3)
Swing-	psi (MPa)	4,210 (27.5)
Heavy Lift-	psi (MPa)	5,470 (37.8)

WORKING RANGES Unit ft-in (m)

ATTACHMENTS

	Standard Arm 10' 10" (3.33)	Optional Arm 13' 7" (4.15)
A. Max digging reach	36' 11" (11.26)	39' 4" (11.97)
A'. Max digging reach at ground level	36' 3" (11.06)	38' 7" (11.79)
B. Max digging depth	24' 10" (7.56)	27' 6" (8.41)
C. Max digging height	34' 9" (10.58)	35' 1" (10.70)
D. Max dumping clearance	24' 2" (7.37)	24' 7" (7.53)
E. Min dumping clearance	8' 7" (2.62)	5' 8" (1.77)
F. Max vertical wall digging depth	21' 8" (6.61)	23' 5" (7.15)
G. Min front swing radius	14' 4" (4.37)	14' 5" (4.43)
H. Height at min swing radius	28' 4" (8.64)	28' 4" (8.65)
I. Digging depth for 8' (2.4m) flat bottom	24' 3" (7.41)	27' 1" (8.27)
J. Horiz digging stroke at ground level	19' 0" (5.79)	23' 7" (7.21)

DIGGING FORCE Unit lb (kN)

		w/P Boost	w/out P Boost
Bucket digging force, lb (kN)	ISO	54,850 (244)	49,910 (222)
Bucket digging force, lb (kN)	SAE	49,230 (219)	44,740 (199)
Arm crowding force, lb (kN)	ISO	40,690 (181)	37,090 (165)
Arm crowding force, lb (kN)	SAE	39,570 (176)	35,970 (160)

REFILLING CAPACITIES Unit: US gal (liters)

Fuel tank	153 (580)
Hydraulic oil reservoir	74 (280)
Hydraulic system including oil reservoir	93 (353)
Cooling system	8.2 (31)
Engine oil	7.5 (28.5)

UNDERCARRIAGE

Track Overall Length	ft-in (m)	16' 4" (4.98)
Track Overall Width w/Std. Shoe	ft-in (m)	11' 2" (3.40)
Track Shoe	in (mm)	31.5" (800)
Travel Speed	mph (km/h)	3.5/2.1 (5.6/3.3)
Draw Bar Pull	lb (kg)	72,400 (32,909)
Ground Bearing Pressure	psi (Kpa)	7.33 (51)
Ground Clearance	in (mm)	20" (500)

SWING

Swing Speed	rpm	10
Tail Swing Radius	ft-in (m)	11' 6" (3.50)
Swing Torque	lb-ft (kN • m)	88,507 (120)

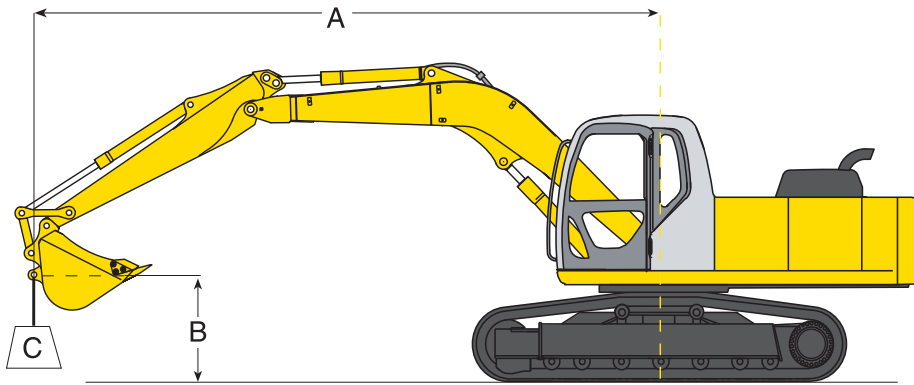
SHIPPING DIMENSIONS

Height	ft-in (m)	11' 3" (3.42)
Width w/Std. Shoe	ft-in (m)	11' 2" (3.40)
Length	ft-in (m)	36' 9" (11.20)



SK350LC LIFT CAPACITIES — 10' 10" Arm

LIFTING CAPACITY DIAGRAM



- A Reach swing centerline to bucket hook
- B Bucket hook height above/below ground
- C Lifting capacities in pounds and kilograms
 - Max discharge pressure: 5,470 psi (385 kg/cm²)
 - Track shoe: 31.5" (800 mm) Triple grouser
 - Boom: 20' 4" (6.2 m)

LIFTING CAPACITY — 31.5" (800 mm) triple grouser shoe

Based on machine equipped with — Arm: 10' 10" (3300 mm) Bucket: SAE heaped 1.83 cu. yd. (1.40 m³) bucket

B	A	LIFT POINT RADIUS												AT MAX. REACH		
		5' (1.5 m)		10' (3.0 m)		15' (4.6 m)		20' (6.1 m)		25' (7.6 m)		30' (9.1 m)		RADIUS		
25' (7.6 m)	lb kg									*12,570 *5,700	*12,570 *5,700			*9,190 *4,160	*9,190 *4,160	26' 1" (7.97 m)
20' (6.1 m)	lb kg									*14,650 *6,640	*14,650 *6,640			*9,030 *4,090	*9,030 *4,090	29' 0" (8.84 m)
15' (4.6 m)	lb kg							*18,090 *8,200	*18,090 *8,200	*15,910 *7,210	15,270 6,920	*12,660 *5,740	11,020 4,990	*9,240 *4,190	*9,240 *4,190	30' 9" (9.39 m)
10' (3.0 m)	lb kg			*35,440 *16,070	*35,440 *16,070	*28,650 *12,990	*28,650 *12,990	*21,310 *9,660	20,670 9,370	*17,610 *7,990	14,500 6,570	*15,510 *7,030	10,640 4,820	*9,810 *4,440	9,600 4,350	31' 8" (9.67 m)
5' (1.5 m)	lb kg			*18,660 *8,460	*18,660 *8,460	*34,240 *15,520	29,550 13,400	*24,340 *11,040	19,300 8,750	*19,320 *8,760	13,750 6,230	*16,750 *7,420	10,240 4,640	*10,800 *4,890	9,260 4,200	31' 10" (9.70 m)
Ground Level	lb kg			*26,190 *11,870	*26,190 *11,870	*37,000 *16,780	28,110 12,740	*26,400 *11,970	18,340 8,310	*20,560 *9,320	13,170 5,970	16,090 7,290	9,940 4,500	*12,410 *5,620	9,370 4,250	31' 1" (9.49 m)
-5' (-1.5 m)	lb kg	*26,610 *12,070	*26,610 *12,070	*37,180 *16,860	*37,180 *16,860	*37,140 *16,840	27,630 12,530	*27,040 *12,260	17,860 8,100	*20,940 *9,500	12,850 5,830			*15,120 *6,850	10,030 4,540	29' 6" (9.01 m)
-10' (-3.0 m)	lb kg	*37,600 *17,050	*37,600 *17,050	*50,030 *22,690	*50,030 *22,690	*35,030 *15,890	27,780 12,590	*26,010 *11,790	17,830 8,080	*19,930 *9,040	12,870 5,830			*17,820 *8,080	11,550 5,230	27' 0" (8.23 m)
-15' (-4.6 m)	lb kg	*50,070 *22,700	*50,070 *22,700	*41,860 *18,980	*41,860 *18,980	*30,280 *13,730	28,440 12,900	*22,550 *10,230	18,270 8,280					*18,510 *8,390	14,890 6,750	23' 0" (7.03 m)
-20' (-6.1 m)	lb kg					*20,720 *9,390	*20,720 *9,390							*18,080 *8,200	*18,080 *8,200	16' 10" (5.14 m)



Rating over front



Rating over side/360 degrees

Notes:

1. Do not attempt to lift or hold any load that exceeds these rated values at their specified load radii and heights. Weight of all accessories must be deducted from the above lifting capacities.
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 Excavator Lift Capacity 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 Operator's and Maintenance Manuals 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 America LLC.

LIFTING CAPACITY – 23.6" (600 mm) triple grouser shoe

Based on machine equipped with — Arm: 10' 10" (3300 mm) Bucket: SAE heaped 1.83 cu. yd. (1.40 m³) bucket

A	LIFT POINT RADIUS												AT MAX. REACH			
	5' (1.5 m)		10' (3.0 m)		15' (4.6 m)		20' (6.1 m)		25' (7.6 m)		30' (9.1 m)		RADIUS			
25' (7.6 m)	lb kg									*12,570 *5,700	*12,570 *5,700			*9,190 *4,160	*9,190 *4,160	26' 1" (7.97 m)
20' (6.1 m)	lb kg									*14,650 *6,640	*14,650 *6,640			*9,030 *4,090	*9,030 *4,090	29' 0" (8.84 m)
15' (4.6 m)	lb kg							*18,090 *8,200	*18,090 *8,200	*15,910 *7,210	14,830 6,720	*12,660 *5,740	10,660 4,830	*9,240 *4,190	*9,240 *4,190	30' 9" (9.39 m)
10' (3.0 m)	lb kg			*35,440 *16,070	*35,440 *16,070	*28,650 *12,990	*28,650 *12,990	*21,310 *9,660	20,090 9,110	*17,610 *7,990	14,060 6,370	*15,510 *7,030	10,290 4,660	*9,810 *4,440	9,270 4,200	31' 8" (9.67 m)
5' (1.5 m)	lb kg			*18,660 *8,460	*18,660 *8,460	*34,240 *15,520	28,680 13,010	*24,340 *11,040	18,710 8,480	*19,320 *8,760	13,310 6,030	15,870 7,190	9,890 4,480	*10,800 *4,890	8,930 4,050	31' 10" (9.70 m)
Ground Level	lb kg			*26,190 *11,870	*26,190 *11,870	*37,000 *16,780	27,240 12,350	*26,400 *11,970	17,750 8,050	*20,560 *9,320	12,730 5,770	15,530 7,040	9,590 4,340	*12,410 *5,620	9,030 4,090	31' 1" (9.49 m)
-5' (-1.5 m)	lb kg	*26,610 *12,070	*26,610 *12,070	*37,180 *16,860	*37,180 *16,860	*37,140 *16,840	26,770 12,140	*27,040 *12,260	17,280 7,830	20,300 9,200	12,410 5,630			*15,120 *6,850	9,670 4,380	29' 6" (9.01 m)
-10' (-3.0 m)	lb kg	*37,600 *17,050	*37,600 *17,050	*50,030 *22,690	*50,030 *22,690	*35,030 *15,890	26,920 12,200	*26,010 *11,790	17,250 7,820	*19,930 *9,040	12,430 5,630			*17,820 *8,080	11,150 5,050	27' 0" (8.23 m)
-15' (-4.6 m)	lb kg	*50,070 *22,700	*50,070 *22,700	*41,860 *18,980	*41,860 *18,980	*30,280 *13,730	27,580 12,510	*22,550 *10,230	17,690 8,020					*18,510 *8,390	14,410 6,530	23' 0" (7.03 m)
-20' (-6.1 m)	lb kg					*20,720 *9,390	*20,720 *9,390							*18,080 *8,200	*18,080 *8,200	16' 10" (5.14 m)

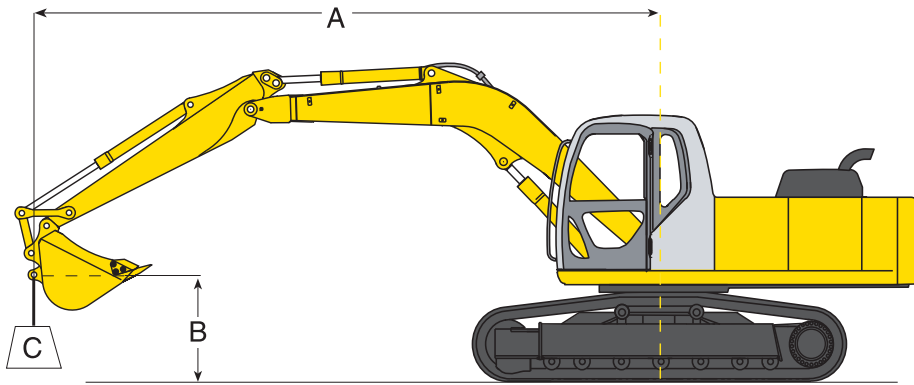
LIFTING CAPACITY – 35.4" (900 mm) triple grouser shoe

Based on machine equipped with — Arm: 10' 10" (3300 mm) Bucket: SAE heaped 1.83 cu. yd. (1.40 m³) bucket

A	LIFT POINT RADIUS												AT MAX. REACH			
	5' (1.5 m)		10' (3.0 m)		15' (4.6 m)		20' (6.1 m)		25' (7.6 m)		30' (9.1 m)		RADIUS			
25' (7.6 m)	lb kg									*12,570 *5,700	*12,570 *5,700			*9,190 *4,160	*9,190 *4,160	26' 1" (7.97 m)
20' (6.1 m)	lb kg									*14,650 *6,640	*14,650 *6,640			*9,030 *4,090	*9,030 *4,090	29' 0" (8.84 m)
15' (4.6 m)	lb kg							*18,090 *8,200	*18,090 *8,200	*15,910 *7,210	15,390 6,980	*12,660 *5,740	11,110 5,040	*9,240 *4,190	*9,240 *4,190	30' 9" (9.39 m)
10' (3.0 m)	lb kg			*35,440 *16,070	*35,440 *16,070	*28,650 *12,990	*28,650 *12,990	*21,310 *9,660	20,830 9,440	*17,610 *7,990	14,620 6,630	*15,510 *7,030	10,740 4,870	*9,810 *4,440	9,690 4,390	31' 8" (9.67 m)
5' (1.5 m)	lb kg			*18,660 *8,460	*18,660 *8,460	*34,240 *15,520	29,780 13,500	*24,340 *11,040	19,450 8,820	*19,320 *8,760	13,870 6,290	*16,370 *7,420	10,340 4,690	*10,800 *4,890	9,350 4,240	31' 10" (9.70 m)
Ground Level	lb kg			*26,190 *11,870	*26,190 *11,870	*37,000 *16,780	28,340 12,850	*26,400 *11,970	18,490 8,380	*20,560 *9,320	13,290 6,020	16,240 7,360	10,030 4,550	*12,410 *5,620	9,460 4,290	31' 1" (9.49 m)
-5' (-1.5 m)	lb kg	*26,610 *12,070	*26,610 *12,070	*37,180 *16,860	*37,180 *16,860	*37,140 *16,840	27,870 12,640	*27,040 *12,260	18,020 8,170	*20,940 *9,500	12,970 5,880			*15,120 *6,850	10,130 4,590	29' 6" (9.01 m)
-10' (-3.0 m)	lb kg	*37,600 *17,050	*37,600 *17,050	*50,030 *22,690	*50,030 *22,690	*35,030 *15,890	28,010 12,700	*26,010 *11,790	17,990 8,160	*19,930 *9,040	12,900 5,890			*17,820 *8,080	11,660 5,280	27' 0" (8.23 m)
-15' (-4.6 m)	lb kg	*50,070 *22,700	*50,070 *22,700	*41,860 *18,980	*41,860 *18,980	*30,280 *13,730	28,680 13,000	*22,550 *10,230	18,430 8,350					*18,510 *8,390	15,020 6,810	23' 0" (7.03 m)
-20' (-6.1 m)	lb kg					*20,720 *9,390	*20,720 *9,390							*18,080 *8,200	*18,080 *8,200	16' 10" (5.14 m)

SK350LC LIFT CAPACITIES — 13' 7" Arm

LIFTING CAPACITY DIAGRAM



- A Reach swing centerline to bucket hook
- B Bucket hook height above/below ground
- C Lifting capacities in pounds and kilograms
 - Max discharge pressure: 5,470 psi (385 kg/cm²)
 - Track shoe: 31.5" (800 mm) Triple grouser
 - Boom: 20' 4" (6.2 m)

LIFTING CAPACITY — 31.5" (800 mm) triple grouser shoe

Based on machine equipped with — Arm: 13' 7" (4150 mm) Bucket: SAE heaped 1.57 cu. yd. (1.20 m³) bucket

B	A	LIFT POINT RADIUS												AT MAX. REACH						
		5' (1.5 m)		10' (3.0 m)		15' (4.6 m)		20' (6.1 m)		25' (7.6 m)		30' (9.1 m)		RADIUS						
		Front	Side	Front	Side	Front	Side	Front	Side	Front	Side	Front	Side							
25' (7.6 m)	lb kg																	*7,190 *3,260	*7,190 *3,260	28' 9" (8.78 m)
20' (6.1 m)	lb kg													*10,540 *4,780	*10,540 *4,780	*7,080 *3,210	*7,080 *3,210	*7,080 *3,210	*7,080 *3,210	31' 5" (9.58 m)
15' (4.6 m)	lb kg													*14,110 *6,390	*14,110 *6,390	*13,210 *5,990	11,240 5,090	*7,230 *3,270	*7,230 *3,270	33' 1" (10.09 m)
10' (3.0 m)	lb kg			*38,370 *17,400	*38,370 *17,400	*24,560 *11,140	*24,560 *11,140	*18,940 *8,590	*18,940 *8,590	*15,970 *7,240	14,760 6,690	*14,210 *6,440	10,760 4,880	*7,650 *3,460	*7,650 *3,460	*7,650 *3,460	*7,650 *3,460	*7,650 *3,460	*7,650 *3,460	33' 11" (10.35 m)
5' (1.5 m)	lb kg			*32,340 *14,660	*32,340 *14,660	*31,030 *14,070	30,390 13,780	*22,360 *10,140	19,630 8,900	*17,920 *8,130	13,870 6,290	*15,310 *6,940	10,250 4,650	*8,360 *3,790	8,180 3,710	*8,360 *3,790	8,180 3,710	*8,360 *3,790	8,180 3,710	34' 0" (10.38 m)
Ground Level	lb kg	*15,230 6,900	*15,230 6,900	*29,510 *13,380	*29,510 *13,380	*35,230 *15,980	28,270 12,820	*25,030 *11,350	18,390 8,340	*19,550 *8,860	13,120 5,950	15,990 7,250	9,820 4,450	*9,510 *4,310	8,210 3,720	*9,510 *4,310	8,210 3,720	*9,510 *4,310	8,210 3,720	33' 4" (10.18 m)
-5' (-1.5 m)	lb kg	*23,570 *10,690	*23,570 *10,690	*35,630 *16,150	*35,630 *16,150	*36,790 *16,680	27,300 12,380	*26,440 *11,990	17,650 8,000	*20,470 *9,280	12,640 5,730	15,700 7,120	9,560 4,330	*11,370 *5,150	8,660 3,920	*11,370 *5,150	8,660 3,920	*11,370 *5,150	8,660 3,920	31' 11" (9.74 m)
-10' (-3.0 m)	lb kg	*32,220 *14,610	*32,220 *14,610	*45,060 *20,430	*45,060 *20,430	*36,030 *16,340	27,100 12,290	*26,350 *11,950	17,380 7,880	*20,310 *9,210	12,460 5,650			*14,660 *6,640	9,730 4,410	*14,660 *6,640	9,730 4,410	*14,660 *6,640	9,730 4,410	29' 7" (9.02 m)
-15' (-4.6 m)	lb kg	*41,870 *18,980	*41,870 *18,980	*47,450 *21,520	*47,450 *21,520	*32,880 *14,910	27,480 12,460	*24,340 *11,040	17,570 7,970	*18,360 *8,320	12,670 5,740			*17,190 *7,790	11,940 5,410	*17,190 *7,790	11,940 5,410	*17,190 *7,790	11,940 5,410	26' 0" (7.94 m)
-20' (-6.1 m)	lb kg			*36,800 *16,690	*36,800 *16,690	*26,290 *11,920	*26,290 *11,920	*19,030 *8,630	18,320 8,310					*17,970 *8,150	17,330 7,860	*17,970 *8,150	17,330 7,860	*17,970 *8,150	17,330 7,860	20' 9" (6.33 m)



Rating over front
















Rating over side/360 degrees

Notes:

1. Do not attempt to lift or hold any load that exceeds these rated values at their specified load radii and heights. Weight of all accessories must be deducted from the above lifting capacities.
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 Excavator Lift Capacity 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 Operator's and Maintenance Manuals 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 America LLC.














LIFTING CAPACITY – 23.6" (600 mm) triple grouser shoe

Based on machine equipped with — Arm: 13' 7" (4150 mm) Bucket: SAE heaped 1.57 cu. yd. (1.20 m³) bucket

A		LIFT POINT RADIUS												AT MAX. REACH			
		5' (1.5 m)		10' (3.0 m)		15' (4.6 m)		20' (6.1 m)		25' (7.6 m)		30' (9.1 m)		RADIUS			
B	C														RADIUS		
		25' (7.6 m)	lb kg														*7,190 *3,260
20' (6.1 m)	lb kg												*10,540 *4,780	*10,540 *4,780	*7,080 *3,210	*7,080 *3,210	31' 5" (9.58 m)
15' (4.6 m)	lb kg									*14,110 *6,390	*14,110 *6,390	*13,210 *5,990	10,890 4,930	*7,230 *3,270	*7,230 *3,270	33' 1" (10.09 m)	
10' (3.0 m)	lb kg			*38,370 *17,400	*38,370 *17,400	*24,560 *11,140	*24,560 *11,140	*18,940 *8,590	*18,940 *8,590	*15,970 *7,240	14,320 6,490	*14,210 *6,440	10,410 4,720	*7,650 *3,460	*7,650 *3,460	33' 11" (10.35 m)	
5' (1.5 m)	lb kg			*32,340 *14,660	*32,340 *14,660	*31,030 *14,070	29,530 13,390	*22,360 *10,140	19,050 8,640	*17,920 *8,130	13,430 6,090	*15,310 *6,940	9,900 4,490	*8,360 *3,790	7,870 3,560	34' 0" (10.38 m)	
Ground Level	lb kg	*15,230 *6,900	*15,230 *6,900	*29,510 *13,380	*29,510 *13,380	*35,230 *15,980	27,410 12,430	*25,030 *11,350	17,810 8,070	*19,550 *8,860	12,680 5,750	15,430 7,000	9,470 4,290	*9,510 *4,310	7,900 3,580	33' 4" (10.18 m)	
-5' (-1.5 m)	lb kg	*23,570 *10,690	*23,570 *10,690	*35,630 *16,150	*35,630 *16,150	*36,790 *16,680	26,440 11,990	*26,440 *11,990	17,060 7,740	20,090 9,110	12,200 5,530	15,140 6,860	9,200 4,170	*11,370 *5,150	8,330 3,770	31' 11" (9.74 m)	
-10' (-3.0 m)	lb kg	*32,220 *14,610	*32,220 *14,610	*45,060 *20,430	*45,060 *20,430	*36,030 *16,340	26,240 11,900	26,350 11,950	16,800 7,620	19,900 9,020	12,020 5,450			*14,660 *6,640	9,370 4,250	29' 7" (9.02 m)	
-15' (-4.6 m)	lb kg	*41,870 *18,980	*41,870 *18,980	*47,450 *21,520	*47,450 *21,520	*32,880 *14,910	26,620 12,070	*24,340 *11,040	16,990 7,700	*18,360 *8,320	12,230 5,540			*17,190 *7,790	11,530 5,220	26' 0" (7.94 m)	
-20' (-6.1 m)	lb kg			*36,800 *16,690	*36,800 *16,690	*26,290 *11,920	*26,290 *11,920	*19,030 *8,630	17,740 8,040					*17,970 *8,150	16,780 7,610	20' 9" (6.33 m)	

LIFTING CAPACITY – 35.4" (900 mm) triple grouser shoe

Based on machine equipped with — Arm: 13' 7" (4150 mm) Bucket: SAE heaped 1.57 cu. yd. (1.20 m³) bucket

A		LIFT POINT RADIUS												AT MAX. REACH			
		5' (1.5 m)		10' (3.0 m)		15' (4.6 m)		20' (6.1 m)		25' (7.6 m)		30' (9.1 m)		RADIUS			
B	C														RADIUS		
		25' (7.6 m)	lb kg														*7,190 *3,260
20' (6.1 m)	lb kg												*10,540 *4,780	*10,540 *4,780	*7,080 *3,210	*7,080 *3,210	31' 5" (9.58 m)
15' (4.6 m)	lb kg									*14,110 *6,390	*14,110 *6,390	*13,210 *5,990	11,340 5,140	*7,230 *3,270	*7,230 *3,270	33' 1" (10.09 m)	
10' (3.0 m)	lb kg			*38,370 *17,400	*38,370 *17,400	*24,560 *11,140	*24,560 *11,140	*18,940 *8,590	*18,940 *8,590	*15,970 *7,240	14,880 6,740	*14,210 *6,440	10,860 4,920	*7,650 *3,460	*7,650 *3,460	33' 11" (10.35 m)	
5' (1.5 m)	lb kg			*32,340 *14,660	*32,340 *14,660	*31,030 *14,070	30,630 13,890	*22,360 *10,140	19,790 8,970	*17,920 *8,130	13,990 6,340	*15,310 *6,940	10,350 4,690	*8,360 *3,790	8,260 3,740	34' 0" (10.38 m)	
Ground Level	lb kg	*15,230 *6,900	*15,230 *6,900	*29,510 *13,380	*29,510 *13,380	*35,230 *15,980	28,510 12,930	*25,030 *11,350	18,550 8,410	*19,550 *8,860	13,240 6,000	16,140 7,320	9,920 4,500	*9,510 *4,310	8,290 3,760	33' 4" (10.18 m)	
-5' (-1.5 m)	lb kg	*23,570 *10,690	*23,570 *10,690	*35,630 *16,150	*35,630 *16,150	*36,790 *16,680	27,530 12,480	*26,440 *11,990	17,810 8,070	*20,470 *9,280	12,760 5,780	15,850 7,190	9,650 4,370	*11,370 *5,150	8,750 3,960	31' 11" (9.74 m)	
-10' (-3.0 m)	lb kg	*32,220 *14,610	*32,220 *14,610	*45,060 *20,430	*45,060 *20,430	*36,030 *16,340	27,330 12,390	*26,350 *11,950	17,540 7,950	*20,310 *9,210	12,580 5,700			*14,660 *6,640	9,830 4,450	29' 7" (9.02 m)	
-15' (-4.6 m)	lb kg	*41,870 *18,980	*41,870 *18,980	*47,450 *21,520	*47,450 *21,520	*32,880 *14,910	27,710 12,570	*24,340 *11,040	17,730 8,040	*18,360 *8,320	12,790 5,800			*17,190 *7,790	12,060 5,470	26' 0" (7.94 m)	
-20' (-6.1 m)	lb kg			*36,800 *16,690	*36,800 *16,690	*26,290 *11,920	*26,290 *11,920	*19,030 *8,630	18,480 8,380					*17,970 *8,150	17,480 7,920	20' 9" (6.33 m)	

ACERA
MARK 8

SK350LC Standard and Optional Equipment

STANDARD EQUIPMENT

- AM/FM radio
- Arm: 10' 10" (3.3 m) with vertical ribbed rock guard and tapped blocks for axillary piping
- Audible warning system for high coolant temperature, low engine oil pressure, clogged air filter and oil replacement interval
- Boom: 21' 4" (6.5 m)
- Boom and arm holding (anti-drift) valves
- 1 or 2-way auxiliary valve with flow control.
- Cab is die formed, modular steel, full-vision, sound insulated, with viscous silicon-filled mounts, windshield wiper, heater and defroster, cigarette lighter, ashtray, floor mat, cab light, control lever lock, tinted skylight with damper cylinder
- Climate control air conditioning/heating system
- Display monitor mounted on multi-function console provides status of following: aging of engine oil, fuel and hydraulic filters, system status, engine preheat, low engine oil pressure, engine coolant temperature, air cleaner restriction, battery charging, fuel level, CPU error and tachometer. Beneath monitor are switches for auto-decel, windshield washer and wiper, mode selector and swing flashers
- Double pump flow for bucket in
- Dual element air cleaner
- Electric horn
- Emergency electronic bypass
- Engine shuts down automatically for low oil pressure
- Heavy-duty boom and arm
- Heavy-duty batteries (2 x 12 volt 136 AH)
- Heavy Lift without time limit
- Hydraulic track adjusters
- Independent travel
- Lifetime lubricated track rollers, idlers and sprockets
- Hino engine, model J08E-TM
- Mode selection
 - **H Mode** Heavy-duty excavation work, gives priority to the workload at high speed
 - **S Mode** Standard digging and loading work, provides fuel savings
 - **A Mode** Bi-directional auxiliary for use with shears, augers, etc.
 - **B Mode** 1-way auxiliary for use with hammers, compactors, etc.
- Power Boost without time limit
- Power outlet, 24 volt to 12 volt converter
- Proportional auto-accel system
- Removable cleanout screen for radiator
- Nine (9) track rollers
- 19,357 lb (8780 kg) counter-weight

- Removable travel levers with toe tabs
- Long-life attachment bushings. Flanged bushing assembly at bucket pivot.
- Service diagnostics:
 - Computer system displays over 68 service items
 - Over 60 event fault code memory, accessible from cab
- Starting motor (24 v/5.0 KW) 60 amp alternator
- Straight travel system
- Suspension seat, 7-way
- Swing and travel automatic parking brakes
- Swing flashers recessed into counterweight. Off/on switch located on multi-function console in cab
- Swing priority (trenching system) functions automatically
- Swing shockless valve
- Track shoes: 31.5" (800 mm) semi-triple grouser
- Travel—two speed with automatic shift
- Two lever control for boom, arm, bucket and swing; pilot operated wrist controls and foot pedals
- Warm up function of engine and hydraulic system functions automatically
- Work lights—three front and two rear
- New X-Frame undercarriage

OPTIONAL EQUIPMENT

- Arm: 13' 7" (4.15 m) with rock guard
- Belly pan guard
- Boom and arm load (lock) valves
- Combined 1 or 2-way auxiliary hydraulic piping (one or two pump) with hand or foot controls
- Control pattern changer (ISO/BHL)
- Front rain visor
- High & wide (heavy-duty) lower
- Hydraulic oil for cold or tropical environments
- Independent flow extra auxiliary circuit
- Large selection of buckets
- Long reach attachment with heavier counterweight
- Mass Excavator attachment
- Single pedal travel
- Track shoe: 27.6" (700 mm) double bar grouser
- Track shoe: 31.5" (800 mm) triple bar grouser
- Vandalism guards

*Some items available as field install kits only.

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Safety begins with a thorough understanding of the equipment. Always make sure you and your operators read the Operator's Manual before using the equipment. Pay close attention to all safety and operating decals and never operate machinery without all shields, protective devices and structures in place.