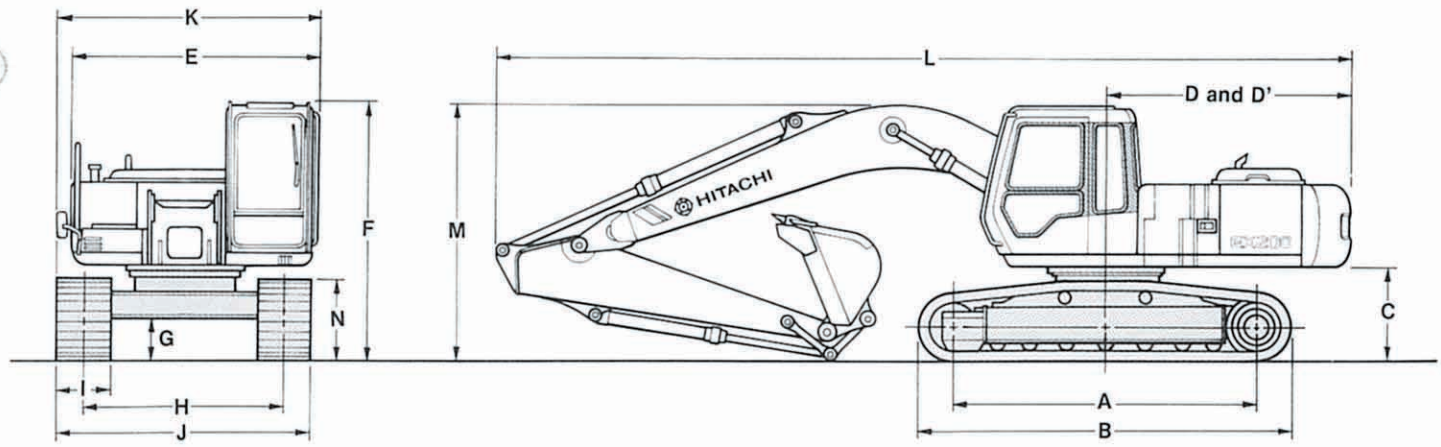
HITACHI

Super EX

EX200

- Rated engine HP ..... 99 kW (135 PS)
- Operating weight..... EX200-2: 18 500 kg (40 800 lb)
  EX200LC-2: 19 700 kg (43 400 lb)
- Backhoe bucket..... PCSA heaped: 0.51 — 1.20 m^3
  (0.67 — 1.57 cu yd)
  CECE heaped: 0.45 — 1.00 m^3

Specifications



A	Distance between tumblers	STD 3 370 mm (11′1″)	LC 3 660 mm (12′0″)		
B	Undercarriage length	STD 4 170 mm (13′8″)	LC 4 460 mm (14′8″)		
*C	Counterweight clearance	1 030 mm (3′5″)			
D	Rear-end swing radius	2 750 mm (9′0″)			
D'	Rear-end distance	2 710 mm (8′11″)			
E	Overall width of superstructure	2 660 mm (8′9″)			
F	Overall height of cab	2 850 mm (9′4″)			
*G	Min. ground clearance	450 mm (1′6″)			
H	Track gauge	STD 2 200 mm (7′3″)	LC 2 390 mm (7′10″)		
I	Track shoe width	G600 mm (24″)	G700 mm (28″)	G800 mm (31″)	T 900 mm (35″)
J	Undercarriage width	STD 2 800 mm (9′2″)	2 900 mm (9′6″)	3 000 mm (9′10″)	3 100 mm (10′2″)
		LC 2 990 mm (9′10″)	3 090 mm (10′2″)	3 190 mm (10′6″)	3 290 mm (10′10″)
K	Overall width	STD 2 850 mm (9′4″)	2 900 mm (9′6″)	3 000 mm (9′10″)	3 100 mm (10′2″)
		LC 2 990 mm (9′10″)	3 090 mm (10′2″)	3 190 mm (10′6″)	3 290 mm (10′10″)
L	Overall length	9 560 mm (31′4″) with 2.22 m (7′3″) arm			
		9 490 mm (31′2″) with 2.91 m (9′7″) arm			
		9 600 mm (31′6″) with 4.41 m (14′6″) arm			
M	Overall height of boom	3 030 mm (9′11″) with 2.22 m (7′3″) arm			
		2 890 mm (9′6″) with 2.91 m (9′7″) arm			
		3 500 mm (11′6″) with 4.41 m (14′6″) arm			
N	Track height	910 mm (3′0″) with triple grouser shoes			

*Excluding track shoe lug.

STD: Standard Undercarriage
LC: Long Crawlelr Undercarriage
G: Triple grouser shoe
T: Triangular shoe

TECHNICAL DATA

ENGINE

Model ..... Isuzu 6BD1T
Type ..... Water-cooled, 4-cycle, 6 cylinders in line, direct injection chamber type turbocharged diesel engine
Rated flywheel horsepower (DIN 6271, net) ..... 99 kW (**135 PS**) at 2 050 rpm
Rated flywheel horsepower (SAE J1349, net) ..... 98 kW (**132 HP**) at 2 050 rpm
Maximum torque ..... 461 N.m (**47 kgf.m, 340 lbf.ft**) at 1 600 rpm
Piston displacement ..... 5.79 l (**353 cu in**)
Bore and stroke.....102 mm x 118 mm (**4.02″ × 4.65″**)
Batteries ..... 2 × 12 V, 120 AH
Governor ..... Mechanical, all-speed control with stepping motor

HYDRAULIC SYSTEM

ELLE (Electronic Load-sensing Excavation) system designed for maximum job efficiency and precise, smooth control.

- Load-sensing system
- Flow dividing control system
- Work mode selector
  General-purpose mode / Trenching mode
  Grading mode / Precision mode

Power selector designed for maximum productivity and fuel savings.

- Engine speed sensing system
  P (Power) mode / E (Economy) mode
  L (Low speed) mode / I (Low idle) mode

Main pumps..... 2 variable displacement axial piston pumps
Maximum oil flow..... 2 × 185 l/min (**48.9 US gpm, 40.7 Imp gpm**)
Pilot pump..... Gear pump
Maximum oil flow..... 34 l/min (**9.0 US gpm, 7.5 Imp gpm**)

Relief Valve Settings

Implement circuit..... 34.3 MPa (**350 kgf/cm², 4 980 psi**)
Intermittent..... 36.3 MPa (**370 kgf/cm², 5 260 psi**)
Swing circuit..... 34.3 MPa (**350 kgf/cm², 4 980 psi**)
Travel circuit..... 34.8 MPa (**355 kgf/cm², 5 050 psi**)
Pilot circuit..... 4.9 MPa (**50 kgf/cm², 710 psi**)

Hydraulic Cylinders

High-strength piston rods and tubes. Cylinder cushion mechanisms provided in all cylinders to absorb shocks at stroke ends.

Dimensions

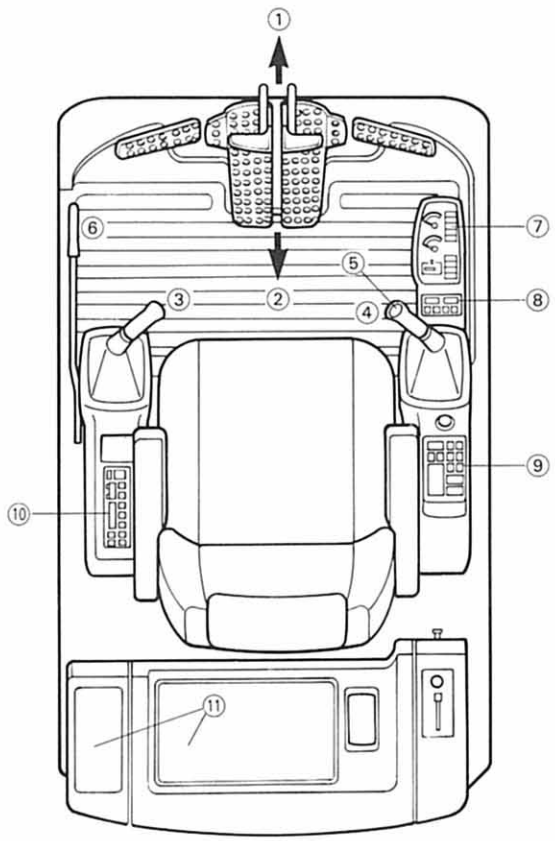
	Quan.	Bore	Rod diameter
Boom	2	120 mm (**4.72″**)	85 mm (**3.35″**)
Arm	1	130 mm (**5.12″**)	95 mm (**3.74″**)
Bucket	1	110 mm (**4.33″**)	75 mm (**2.95″**)

Hydraulic Filters

All hydraulic circuits have high-quality hydraulic filters for protection against oil contamination and for longer life of hydraulic equipment. A suction filter is incorporated in the suction line, and 10μm full-flow filters in the return line and swing/travel motor drain lines.

CONTROLS

Pilot controls (for all operations), Hitachi's original shockless valve and quick warm-up system are built in the pilot circuit for easy, precise, fatique-free operation. Hydraulic warm-up control system for engine and hydraulic oil. Multi selection lever with rotary valve is optionally available for simple selection of control lever direction.



① Travel forward (levers
② Travel reverse (with pedals)
③ Swing/Arm control lever
④ Boom/Bucket control lever
⑤ Power boost switch
⑥ Pilot control shut-off lever
⑦ Monitor panel
⑧ Switch panel I
⑨ Switch panel II
⑩ Auto tuning radio
⑪ Rear tray

SUPERSTRUCTURE

Revolving Frame
Welded high-strength box construction using heavy-gauge steel plates for high ruggedness. Reinforced D-section frame featuring high resistance to deformation.

Swing Mechanism
High-torque, axial piston motor with planetary reduction gear is bathed in oil. Swing circle is single-row, shear-type ball bearing with induction-hardened internal gear. Internal gear and pinion gear are immersed in lubricant. Swing parking brake is spring-set/hydraulic-released disc type. Swing dampener valve in the swing circuit prevents coasting when stopping swing. Swing cushion valve built in swing motor absorbs shocks when stopping swing, ensuring smooth stops.
Swing speed ..... 11.0 min^{-1} (**11.0 rpm**)

Operator's Cab
Independent roomy cab, 940 mm (**37**″) wide by 1 620 mm (**64**″) high, conforming to ISO* Standards. Reinforced glass windows on all 4 sides for all-round visibility. Front windows (upper and lower), fully openable, are spring-assisted for easy storing in the cab and for absorbing shocks during lowering. Fully adjustable, suspension seat with armrests; movable with or without control levers and monitor panel.

* International Standard Organization

UNDERCARRIAGE

Tracks
Tractor-type undercarriage. Heavy-duty track frame of all welded structure. Top-grade materials employed for heavy-duty operation. Side frames are rigidly welded to the track frame.
Lifetime-lubricated track rollers, idlers, and sprockets with floating seals. Track shoes with triple grousers made of induction-hardened rolled alloy. Flat and triangular shoes are also available. Specially heat-treated connecting pins with dirt seals. Hydraulic (grease) track adjusters with shock-absorbing recoil springs.

Numbers of Rollers and Shoes on Each Side

Upper rollers	2	(Standard undercarriage)
	2	(LC undercarriage)
Lower rollers	7	(Standard undercarriage)
	8	(LC undercarraige)
Track shoes	46	(Standard undercarriage)
	49	(LC undercarriage)

Traction Device
Each track driven by a high-torque, axial piston 2 speed travel motor through planetary reduction gear, allowing counterrotation of the tracks. Sprockets are easily replaceable. Parking brake is spring-set/hydraulic-released disc type. Travel shockless relief valve built in travel motor absorbs shocks when stopping travel, ensuring smooth stops.
Automatic transmission system; High—Medium.
Travel speeds ..... High: 0 to 5.5 km/h (**3.4 mph**)
Medium: 0 to 3.5 km/h (**2.2 mph**)
Low: 0 to 2.5 km/h (**1.6 mph**)
Maximum traction force ..... 159.9 kN (**16 300 kgf, 35 900 lbf**)
Gradeability ..... 35° (**70%**) continuous

WEIGHTS AND GROUND PRESSURE

Equipped with 5.68 m (**18′8**″) boom, 2.91 m (**9′7**″) arm and 0.80 m^3 (**1.05 cu yd**: PCSA heaped) bucket.

Shoe type	Shoe width	Operating weight	Ground pressure
Triple grouser	600 mm (24″)	18 500 kg (40 800 lb)	41.2 KPa (0.42 kgf/cm², 5.97 psi)
		19 000 kg (41 900 lb)	39.2 KPa (0.40 kgf/cm², 5.69 psi)
	700 mm (28″)	18 900 kg (41 700 lb)	36.3 KPa (0.37 kgf/cm², 5.26 psi)
		19 400 kg (42 800 lb)	34.3 KPa (0.35 kgf/cm², 4.98 psi)
	800 mm (31″)	19 100 kg (42 100 lb)	32.4 KPa (0.33 kgf/cm², 4.69 psi)
		19 700 kg (43 400 lb)	30.4 KPa (0.31 kgf/cm², 4.41 psi)
Flat type	600 mm (24″)	19 400 kg (42 800 lb)	43.2 KPa (0.44 kgf/cm², 6.26 psi)
		20 000 kg (44 100 lb)	41.2 KPa (0.42 kgf/cm², 5.97 psi)
Triangular type	900 mm (35″)	19 900 kg (43 900 lb)	30.4 KPa (0.31 kgf/cm², 4.41 psi)
		20 500 kg (45 200 lb)	28.4 KPa (0.29 kgf/cm², 4.12 psi)

Figures in [ ] are data on the EX200LC-2 (LC undercarriage).
Operating weight is the total weight of the basic machine plus 3 900 kg (**8 600 lb**) counterweight and triple grouser shoes, excluding front-end attachement.
Standard undercarriage ..... 14 990 kg (**33 100 lb**) with 600 mm (**24**″) shoes
LC undercarriage ..... 16 190 kg (**35 700 lb**) with 800 mm (**31**″) shoes

SERVICE REFILL CAPACITIES

	liters	US gal	Imp gal
Fuel tank	310.0	81.9	68.2
Engine coolant	21.0	5.5	4.6
Engine oil	25.0	6.6	5.5
Swing mechanism	8.2	2.2	1.8
Travel final device (each side)	5.5	1.5	1.2
Hydraulic system	230.0	60.8	50.6
Hydraulic tank	130.0	34.3	28.6

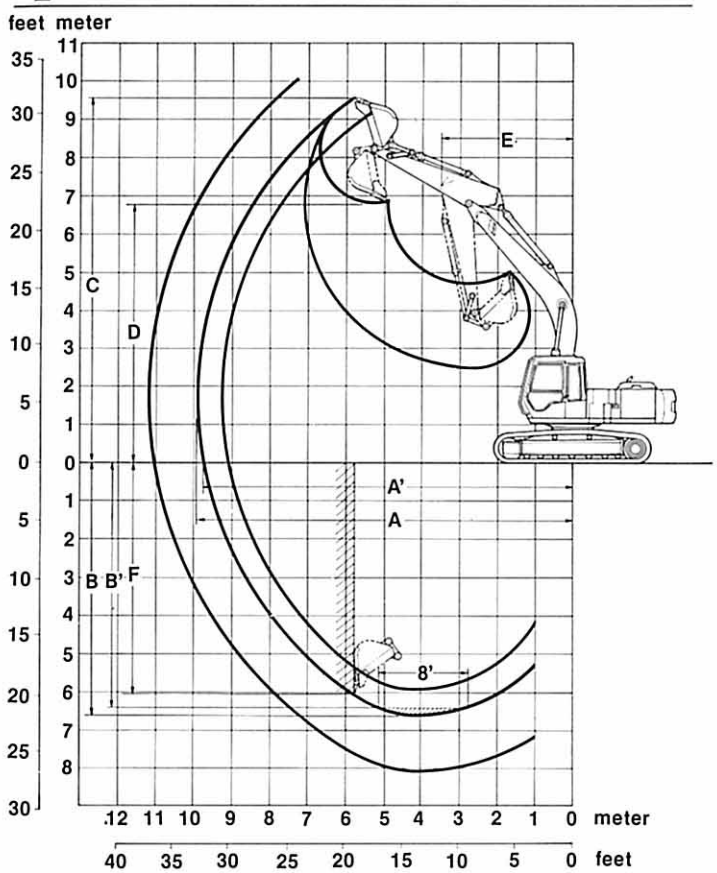
TECHNICAL DATA

BACKHOE ATTACHMENTS

Boom and arms are of all-welded, low-stress, full box-section design. 5.68 m (18′8″) boom, and 2.22 m (7′3″), 2.91 m (9′7″) and 4.41 m (14′6″)* arms are available. Bucket is of all-welded, high-strength steel structure. Side clearance adjust mechanism provided on the bucket joint bracket.

**2.91 m (9′7″) arm + 1.50 m (4′11″) extension arm*

WORKING RANGES



Arm length	2.22 m (7′3″)	2.91 m (9′7″)	4.41 m* (14′6″)
A Max. digging reach	9 250 mm (30′4″)	9 910 mm (32′6″)	11 260 mm (36′11″)
A' Max. digging reach (on ground)	9 080 mm (29′9″)	9 750 mm (32′0″)	11 130 mm (36′6″)
B Max. digging depth	5 980 mm (19′7″)	6 670 mm (21′11″)	8 170 mm (26′10″)
B' Max. digging depth (8′ level)	5 740 mm (18′10″)	6 490 mm (21′4″)	7 990 mm (26′3″)
C Max. cutting height	9 170 mm (30′1″)	9 600 mm (31′6″)	10 220 mm (33′6″)
D Max. dumping height	6 390 mm (21′0″)	6 780 mm (22′3″)	7 410 mm (24′4″)
E Min. swing radius	3 530 mm (11′7″)	3 540 mm (11′7″)	3 540 mm (11′7″)
F Max. vertical wall	5 140 mm (16′10″)	6 050 mm (19′10″)	7 550 mm (24′9″)
Bucket digging force	112.9 kN (11 500 kgf, 25 400 lbf)	112.9 kN (11 500 kgf, 25 400 lbf)	112.9 kN (11 500 kgf, 25 400 lbf)
	118.7 kN (12 100 kgf, 26 700 lbf)	118.7 kN (12 100 kgf, 26 700 lbf)	—
Arm crowd force	113.8 kN (11 600 kgf, 25 600 lbf)	89.2 kN (9 100 kgf, 20 100 lbf)	66.7 kN (6 800 kgf, 15 000 lbf)
	121.6 kN (12 400 kgf, 27 300 lbf)	95.1 kN (9 700 kgf, 21 400 lbf)	—

▭ at power boost.

Excluding track shoe lug

*2.91 m (9′6″) arm + 1.50 m (4′11″) extension arm

Buckets

Capacity		Width		No. of teeth	Weight	Recommendation					
						EX200-2			EX200LC-2		
PCSA heaped	CECE heaped	Without side cutters	With side cutters			2.22 m (7′3″) arm	2.91 m (9′7″) arm	4.41 m* (14′6″) arm	2.22 m (7′3″) arm	2.91 m (9′7″) arm	4.41 m* (14′6″) arm
0.51 m³ (0.67 cu yd)	0.45 m³	720 mm (28″)	850 mm (33″)	3	510 kg (1 130 lb)	◎	◎	○	◎	◎	○
0.80 m³ (1.05 cu yd)	0.70 m³	1 030 mm (41″)	1 140 mm (45″)	5	640 kg (1 410 lb)	◎	◎	—	◎	◎	—
0.91 m³ (1.19 cu yd)	0.80 m³	1 150 mm (45″)	1 280 mm (50″)	5	700 kg (1 540 lb)	◎	○	—	◎	◎	—
1.10 m³ (1.44 cu yd)	0.90 m³	1 330 mm (52″)	1 460 mm (58″)	6	740 kg (1 630 lb)	○	—	—	○	○	—
1.20 m³ (1.57 cu yd)	1.00 m³	1 450 mm (57″)	—	6	660 kg (1 460 lb)	□	—	—	□	—	—
Ripper bucket: 0.50 m³ (0.65 cu yd: CECE heaped), Width 800 mm (31″)				3	950 kg (2 090 lb)	●	—	—	●	—	—
One-point ripper				1	550 kg (1 210 lb)	●	—	—	●	—	—
Clamshell bucket: 0.60 m³ (0.78 cu yd: CECE heaped), Width 940 mm (37″)				8	1 240 kg (2 730 lb)	◎	◎	—	◎	◎	—
Slope-finishing blade: Width 1 100 mm (43″), length 2 200 mm (87″)					690 kg (1 520 lb)	◇	◇	—	◇	◇	—

* 2.91 m (9′7″) arm + 1.50 m (4′11″) extension arm

◎ Suitable for materials with density of 2 000 kg/m³ (3 370 lb/cu yd) or less
○ Suitable for materials with density of 1 600 kg/m³ (2 700 lb/cu yd) or less
□ Suitable for materials with density of 1 100 kg/m³ (1 850 lb/cu yd) or less
● Heavy-duty service
◇ Slope-finishing service
— Not recommended

STANDARD EQUIPMENT

Standard equipment may vary by country, so please consult your Hitachi dealer for details.

Cab
All-weather sound-suppressed steel cab equipped with reinforced, tinted (bronze color) glass windows, openable front windows — upper with assist spring, and lower and both side windows with intermittent windshield wipers, front window washer, adjustable suspension seat with armrests, electric double horn, auto-tuning radio with digital clock, auto-idle switch, power boost device, cigarette lighter, ashtray, parcel pocket, rear tray, floor mat, heater, and pilot control shut-off lever.

Monitor system
- Meters
  Hourmeter, engine coolant temperature gauge, and fuel meter
- Warning lamps
  Alternator charge, engine oil pressure, engine overheat, air cleaner clog, minimum fuel lever
- Pilot lamps
  Engine preheat, engine oil level, engine coolant level and hydraulic oil level
- Alarm buzzers
  Engine oil pressure, and engine overheat

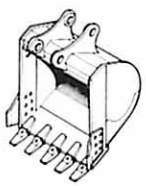
Lights
- 3 working lights, and 1 cab light.

Superstructure
Full undercover for noise suppression, 3 900 kg (**8 600 lb**) counterweight, large tool box, utility space, rearview mirror, cartridge-type filters for engine oil and fuel, heavy-duty air cleaner with evacuator valve, radiator and oil cooler with dust-proof net, radiator reserve tank, boom-arm holding valve, hydraulic warm-up control system for engine and hydraulic oil, quick warm-up system for pilot circuit, accumulator for pilot circuit, control valve with main relief valve.

Undercarriage
Hydraulic brake valves for travel circuit, travel motor covers, track guards, and hydraulic track adjuster.

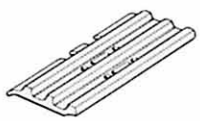
Miscellaneous
Standard tool kit, lockable machine covers, fuel filling cap, non-slip tapes, and handrails.

Type of bucket



Backhoe bucket

Type of shoe



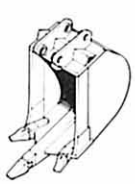
Triple grouser shoe
600 mm (24 ")

OPTIONAL EQUIPMENT

Optional equipment may vary by country, so please consult your Hitachi dealer for details.

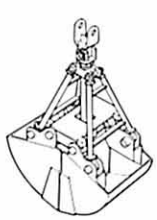
- Air conditioner
- Multi selection lever with rotary valve
- Hose rupture valves
- Electric fuel refilling pump
- Swing motion alarm device with lamps
- Travel motion alarm device
- Additional pump
- Piping kit for extra port
- PTO valve & Additional valve with piping kit
- Ripper bucket for ripping and loading hardpan
- One-point ripper for ripping hardpan
- Clamshell bucket for deep, vertical excavations like manholes, pilings, footings, etc.
- Slope-finishing blade for slope finishing jobs . . . scraping up or down, compacting, leveling, grading etc.

Type of bucket



Ripper bucket

One-point ripper



Clamshell bucket

Slope-finishing blade

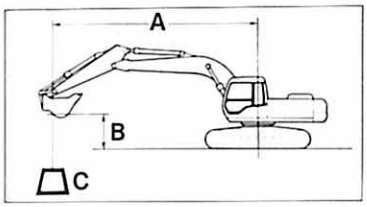
Type of shoe

Triple grouser shoe
700 mm (28 "), 800 mm (31 ")

Flat shoe
600 mm (24 ")

Triangular shoe
900 mm (35 ")

LIFTING CAPACITIES



A: Load radius
B: Load point height
C: Lifting capacity

METRIC MEASURE

Rating over-side or 360 degrees Rating over-front

EX200-2

Unit: 1 000 kg (1 000 lb)

Conditions	Load point height m (ft in)	Load radius m (ft in) 3 (9'10")		4 (13'1")		5 (16'5")		6 (19'8")		7 (23'0")		8 (26'3")		At max. reach		
																m @(ft in)
Boom 5.68 m (18'8") Arm 2.22 m (7'3") Bucket PCSA: 0.80 m³ (1.05 cu yd) CECE: 0.70 m³ Shoes 600 mm (24")	6 (19'8")							3.74 (8.25)	*4.21 (9.28)					2.83 (6.24)	*3.27 (7.21)	7.85 (25'9")
	4 (13'1")			*6.16 (13.6)	*6.16 (13.6)	4.85 (10.7)	*5.22 (11.5)	3.58 (7.89)	*4.71 (10.4)	2.72 (6.00)	4.34 (9.57)			1.84 (4.06)	3.01 (6.64)	8.67 (28'5")
	2 (6'7")					4.32 (9.53)	7.15 (15.8)	3.28 (7.23)	5.33 (11.8)	2.55 (5.62)	4.15 (9.15)	2.02 (4.45)	3.32 (7.32)	1.68 (3.70)	2.79 (6.15)	8.91 (29'3")
	0 (Ground)					4.01 (8.84)	6.79 (15.0)	3.05 (6.72)	5.08 (11.2)	2.41 (5.31)	3.99 (8.80)	1.94 (4.28)	3.23 (7.12)	1.74 (3.84)	2.90 (6.39)	8.60 (28'3")
	−2 (−6'7")			5.69 (12.5)	10.0 (22.1)	3.97 (8.75)	6.74 (14.9)	3.00 (6.62)	5.01 (11.0)	2.37 (5.23)	3.95 (8.71)			2.11 (4.65)	3.49 (7.70)	7.69 (25'3")
	−4 (−13'1")	9.74 (21.5)	*10.4 (22.9)	5.88 (13.0)	*8.70 (19.2)	4.11 (9.06)	6.90 (15.2)	3.12 (6.88)	5.16 (11.4)							
Boom 5.68 m (18'8") Arm 2.91 m (9'7") Bucket PCSA: 0.80 m³ (1.05 cu yd) CECE: 0.70 m³ Shoes 600 mm (24")	6 (19'8")							*3.50 (7.72)	*3.50 (7.72)	2.87 (6.33)	*3.32 (7.32)			1.96 (4.32)	*1.98 (4.37)	8.61 (28'3")
	4 (13'1")					*4.40 (9.70)	*4.40 (9.70)	3.67 (8.09)	*4.11 (9.06)	2.78 (6.13)	*3.94 (8.69)	2.14 (4.72)	3.45 (7.61)	1.59 (3.51)	*1.99 (4.39)	9.36 (30'9")
	2 (6'7")			6.22 (13.7)	*8.57 (18.9)	4.45 (9.81)	*6.43 (14.2)	3.34 (7.36)	*5.33 (11.8)	*2.58 (5.69)	4.19 (9.24)	2.03 (4.48)	3.34 (7.36)	1.45 (3.20)	*2.12 (4.67)	9.57 (31'5")
	0 (Ground)			5.63 (12.4)	*7.91 (17.4)	4.03 (8.89)	6.82 (15.0)	3.06 (6.75)	5.09 (11.2)	2.40 (5.29)	3.98 (8.78)	1.91 (4.21)	3.21 (7.08)	1.48 (3.26)	*2.42 (5.34)	9.29 (30'6")
	−2 (−6'7")	*7.20 (15.9)	*7.20 (15.9)	5.56 (12.3)	9.89 (21.8)	3.90 (8.60)	6.67 (14.7)	2.94 (6.48)	4.96 (10.9)	2.31 (5.09)	3.89 (8.58)	1.87 (4.12)	3.16 (6.97)	1.75 (3.86)	2.95 (6.50)	8.46 (27'9")
	−4 (−13'1")	9.44 (20.8)	*12.1 (26.7)	5.71 (12.6)	*9.57 (21.1)	3.98 (8.78)	6.76 (14.9)	2.99 (6.59)	5.02 (11.1)	2.38 (5.25)	3.97 (8.75)					

Rating over-side or 360 degrees Rating over-front

EX200LC-2

Unit: 1 000 kg (1 000 lb)

Conditions	Load point height m (ft in)	Load radius m (ft in) 3 (9'10")		4 (13'1")		5 (16'5")		6 (19'8")		7 (23'0")		8 (26'3")		At max. reach		
																m @(ft in)
Boom 5.68 m (18'8") Arm 2.22 m (7'3") Bucket PCSA: 0.80 m³ (1.05 cu yd) CECE: 0.70 m³ Shoes 800 mm (31")	6 (19'8")							*4.21 (9.28)	*4.21 (9.28)					2.73 (6.02)	*3.27 (7.21)	7.85 (25'9")
	4 (13'1")					*6.16 (13.6)	*6.16 (13.6)	*5.22 (11.5)	*5.22 (11.5)	4.15 (9.15)	*4.71 (10.4)	3.18 (7.01)	*4.45 (9.81)	2.19 (4.83)	*3.29 (7.25)	8.67 (28'5")
	2 (6'7")					5.07 (11.2)	*7.19 (15.9)	3.85 (8.49)	*5.85 (12.9)	3.01 (6.64)	4.95 (10.9)	2.40 (5.29)	3.97 (8.75)	2.01 (4.43)	3.35 (7.39)	8.91 (29'3")
	0 (Ground)					4.75 (10.5)	8.21 (18.1)	3.62 (7.98)	6.10 (13.5)	2.86 (6.31)	4.78 (10.5)	2.32 (5.12)	3.88 (8.56)	2.08 (4.59)	3.49 (7.70)	8.60 (28'3")
	−2 (−6'7")			6.76 (14.9)	*10.4 (22.9)	4.71 (10.4)	8.16 (18.0)	3.56 (7.85)	6.03 (13.3)	2.82 (6.22)	4.74 (10.5)			2.51 (5.53)	4.17 (9.19)	7.69 (25'3")
	−4 (−13'1")	*10.4 (22.9)	*10.4 (22.9)	6.96 (15.3)	*8.70 (19.2)	4.85 (10.7)	*7.16 (15.8)	3.69 (8.14)	*5.73 (12.6)							
Boom 5.68 m (18'8") Arm 2.91 m (9'7") Bucket PCSA: 0.80 m³ (1.05 cu yd) CECE: 0.70 m³ Shoes 800 mm (31")	6 (19'8")							*3.50 (7.72)	*3.50 (7.72)	*3.32 (7.32)	*3.32 (7.32)			*1.98 (4.37)	*1.98 (4.37)	8.61 (28'3")
	4 (13'1")					*4.40 (9.70)	*4.40 (9.70)	*4.11 (9.06)	*4.11 (9.06)	3.24 (7.14)	*3.94 (8.69)	2.52 (5.56)	*3.51 (7.74)	1.90 (4.19)	*1.99 (4.39)	9.36 (30'9")
	2 (6'7")			7.31 (16.1)	*8.57 (18.9)	5.20 (11.5)	*6.43 (14.2)	3.91 (8.62)	*5.33 (11.8)	3.04 (6.70)	*4.69 (10.3)	2.41 (5.31)	3.98 (8.78)	1.75 (3.86)	*2.12 (4.67)	9.57 (31'5")
	0 (Ground)			6.70 (14.8)	*7.91 (17.4)	4.77 (10.5)	*8.06 (17.8)	3.62 (7.98)	6.11 (13.5)	2.85 (6.28)	4.78 (10.5)	2.29 (5.05)	3.86 (8.51)	1.80 (3.97)	*2.42 (5.34)	9.29 (30'6")
	−2 (−6'7")	*7.20 (15.9)	*7.20 (15.9)	6.63 (14.6)	*10.8 (23.8)	4.64 (10.2)	8.09 (17.8)	3.50 (7.72)	5.98 (13.2)	2.76 (6.09)	4.68 (10.3)	2.25 (4.96)	3.81 (8.40)	2.10 (4.63)	*3.01 (6.64)	8.46 (27'9")
	−4 (−13'1")	11.3 (24.9)	*12.1 (26.7)	6.78 (14.9)	*9.57 (21.1)	4.72 (10.4)	*7.74 (17.1)	3.56 (7.85)	6.04 (13.3)	2.84 (6.26)	4.76 (10.5)					

Notes: 1. *Ratings are based on SAE J1097.*
2. *Lifting capacity of the EX Series does not exceed 75% of tipping load with the machine on firm, level ground or 87% of full hydraulic capacity.*
3. *The load point is a hook (not standard equipment) loaded on the back of the bucket.*
4. **Indicates load limited by hydraulic capacity.*

ENGLISH MEASURE

Rating over-side or 360 degrees | Rating over-front

EX200-2

Unit: 1 000 lb

Conditions	Load point height ft in	Load radius 5'0"		10'0"		15'0"		20'0"		25'0"		ft in		At max. reach		
																@ ft in
Boom 18'8" Arm 7'3" Bucket PCSA: 1.05 cu yd Shoes 24"	20'0"							8.00	*8.76					5.22	*7.22	25'7"
	15'0"							7.82	*9.80					4.28	6.92	27'11"
	10'0"					11.6	*14.9	7.39	*11.4	5.00	8.10			3.82	6.31	29'0"
	5'0"							6.91	11.3	4.80	7.88			3.68	6.15	29'2"
	0 (Ground)					10.1	17.4	6.57	10.9	4.63	7.70			3.83	6.40	28'3"
	– 5'0"					10.1	17.3	6.45	10.8	4.58	7.65			4.36	7.24	26'2"
	–10'0"			20.5	*25.6	10.2	17.5	6.53	10.9					5.68	9.30	22'6"
	–15'0"					10.6	*15.4									
Boom 18'8" Arm 9'7" Bucket PCSA: 1.05 cu yd Shoes 24"	20'0"							*7.72	*7.72					*4.38	*4.38	28'1"
	15'0"							8.02	*8.46	5.26	*8.14			3.67	*4.34	30'2"
	10'0"					12.1	*12.7	7.55	*10.2	5.07	8.19			3.30	*4.48	31'3"
	5'0"					10.9	*17.1	7.01	11.4	4.81	7.91			3.18	*4.79	31'4"
	0 (Ground)					10.1	17.4	6.58	10.9	4.58	7.66			3.27	*5.33	30'6"
	– 5'0"			*12.8	*12.8	9.90	17.1	6.35	10.7	4.46	7.52			3.65	6.18	28'7"
	–10'0"			19.9	25.1	9.96	17.2	6.33	10.7	4.50	7.57			4.54	7.55	25'5"
	–15'0"			20.5	*24.3	10.3	*17.4	6.57	10.9					6.88	*7.82	20'2"

Rating over-side or 360 degrees | Rating over-front

EX200LC-2

Unit: 1 000 lb

Conditions	Load point height ft in	Load radius 5'0"		10'0"		15'0"		20'0"		25'0"		ft in		At max. reach		
																@ ft in
Boom 18'8" Arm 7'3" Bucket PCSA: 1.05 cu yd Shoes 31"	20'0"							*8.76	*8.76					6.10	*7.22	25'7"
	15'0"							9.06	*9.80					5.06	*7.20	27'11"
	10'0"					13.6	*14.9	8.62	*11.4	5.90	9.64			4.56	*7.45	29'0"
	5'0"							8.13	*13.3	5.69	9.41			4.42	7.37	29'2"
	0 (Ground)					12.0	*20.8	7.79	13.1	5.52	9.23			4.59	7.69	28'3"
	–5'0"					11.9	*20.7	7.66	13.0	5.48	9.18			5.20	8.67	26'2"
	–10'0"			24.6	*25.6	12.1	*19.1	7.74	13.1					6.71	*9.50	22'6"
	–15'0"					12.5	*15.4									
Boom 18'8" Arm 9'7" Bucket PCSA: 1.05 cu yd Shoes 31"	20'0"							*7.72	*7.72					*4.38	*4.38	28'1"
	15'0"							*8.46	*8.46	6.17	*8.14			*4.34	*4.34	30'2"
	10'0"					*12.7	*12.7	8.79	*10.2	5.97	*9.06			3.98	*4.48	31'3"
	5'0"					12.8	*17.1	8.23	*12.2	5.71	9.45			3.85	*4.79	31'4"
	0 (Ground)					12.0	*19.9	7.80	13.1	5.48	9.20			3.97	*5.33	30'6"
	–5'0"			*12.8	*12.8	11.8	*20.8	7.56	12.9	5.35	9.06			4.40	*6.23	28'7"
	–10'0"			23.9	*25.1	11.8	*20.0	7.55	12.9	5.40	9.10			5.42	*7.88	25'5"
	–15'0"			*24.3	*24.3	12.1	*17.4	7.78	*12.6					*7.82	*7.82	20'2"

HITACHI

EX200

These specifications are subject to change without notice.

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KS-E009

Printed in Japan KH-F(HT4-N) H