HITACHI

HITACHI



Rated Engine HP: 132 (98 kW)

Operating Weights EX200LC: 45,000 lb (20 400 kg)

> Bucket Capacity .67 – 1.57 yd³ (.51 – 1.20 m³)

> > EX200

SUPER EX200-V

Putting Technology To Work

	Model	Operating Weight	Power	Travel Speeds	Max. Lift Capacity	Gradeability	Traction Force	 Hitachi's Super EX200 puts ac Rugged enough to stand up t
	EX200LC	45,000 lb (20 400 kg)	132 HP (98 kW)	0-3.4 mph (0-5.5 kph)	20,900 lb (9 480 kg)	35 ⁰ (70%)	38,100 lb (17 300 kg)	— Rugged enough to stand up t "Human Touch" engineering a lot more comfortable. They perform, and built to give you
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dvanced technology to work. to your toughest jobs, with to make getting those jobs done are built to survive, built to u real value for your dollar.

Specifics

- Isuzu A-6BG1T turbo-charged, direct injection diesel engine meets all EPA clean air requirements.
- *Dash-5* engine/hydraulic control with three power modes, a power boost button, and four work modes.
- Power modes:
- 1. Normal: Standard operation.
- 2. **H/P:** Increased engine rpm and horsepower.
- 3. E: Maximum fuel efficiency in light duty applications.
- Work modes:
- 1. General Purpose
- 2. Grading
- 3. Precision
- 4. Attachment
- Cab mounted on six fluid-filled, vibration dampening, shock absorbing mounts.
- Compact travel motor design; protected piping reduces opportunity of damage.

Features

- The updated work modes provide power in the order of the inherent priority for the job at hand. For example, in the Grading Mode, the arm rolls in slowly and powerfully while rolling out quickly for efficient grading. The Attachment Mode provides automatically adjusted oil flow to meet the requirements of the attachment.
- The Super EX200, as with all Hitachi excavator models, is built to maximize performance, reliability, and operator comfort through optimum design and quality components. The Isuzu engine is matched to the hydraulic pump for outstanding multiple function performance. The undercarriage, carbody and front attachment are all balanced and designed for maximum strength. All of this means that your Hitachi EX200 will work economically and productively for years and for thousands of hours at minimum operating costs.

Operator Comfort:

A Top Priority

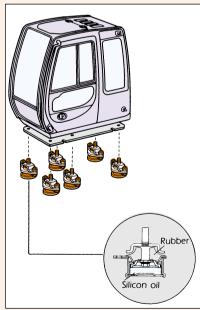
Sitting in one place, all day, operating a machine productively takes concentration and dedication to doing a good job. It also means that a smart owner is going to do everything possible to make sure his operator is comfortable in the cab. The Hitachi EX200 is an excellent example of how comfortable a well-designed cab can be.

The widest cab in its class: 3 ft. 4 in. (1 005 mm). Lots of leg room, wide side door. The ergonomicallydesigned seat is fully adjustable with tilting armrests, tilting back, floating or solidly fixed seat, headrest tilt, and seat raise/lower.



The hand control levers can be raised or lowered to match the operator's build, and the controls can either glide forward or back with the seat or remain fixed while the seat moves.

The work modes, power modes, air conditioning controls, and dial-type engine speed control are all located beside the operator.

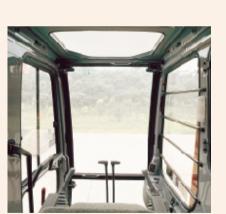


The cab floats on six fluid-filled elastic mounts that smooth out shocks and jolts.



Air conditioning and a "Hot and Cool" box are standard on the EX200. The large capacity unit features front and rear rotatable louvers. Automotivetype controls blend hot and cold air to provide the perfect temperature.





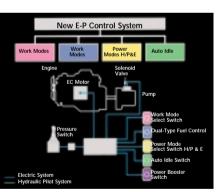
The wide operator's view makes safe, productive operation easier to accomplish. The front window crosspiece is lower for improved downward visibility. The right side window is bigger and the overhead window is larger.

Powertrain: Efficient, Powerful











Bulkhead Separates Engine From Hydraulic Pumps

A sophisticated micro-computer system guided by multiple actuators is standard on the EX200. Hitachi is renowned for the smooth operation of its excavators and this model is no exception. The Dash-5 controls provide quick, accurate response to multi-function swing-lift-bucket curl operations. A power boost feature is activated when the operator pushes a thumb button providing 6% more hydraulic power for eight seconds.

engine cover.

Powerful, Clean & Quiet

Isuzu A-6BG1T six-cylinder turbocharged diesel engine puts out power to spare. With 132 horsepower (98 kW), this engine meets EPA and CARB regulations. Maximum torque is 340 lbf•t (47 kgf•m).

A steel bulkhead separates the hydraulic pumps and engine. It keeps engine and pump compartments cleaner for easier maintenance and helps to minimize noise generation.

Enhanced E-P Pump Control

Enhanced Cooling Protection

The EX200 features a large 6.1 U.S. gallon (23 liter) radiator coolant capacity, a tightly fitting fan shroud and high capacity fan design. The engine is well ventilated, including vents on the

EX200: Smooth Control, Balanced Weight For Maximum Output

Work Modes For Increased Performance

The four work modes have been enhanced from prior models.

1 The General Purpose Mode is appropriate for general digging and truck loading. All circuits work together.

O The Grading Mode provides priority to the combined operation of boom raise, stick forward and bucket adjustment while limiting control response so that the movement is smooth.

③ The Precision Mode keeps the front attachment moving precisely and slowly.

④ The Attachment Mode is designed to automatically match the oil flow requirements of selected attachments such as a hydraulic hammer. Additional piping is required (optional).





H/P and E Modes For Increased Efficiency

- The **Normal** mode is for normal or average applications. The engine runs at an efficient maximum speed for longest life and general economy. The hydraulic pump runs at a baseline 100%.
- The **H/P** mode provides the full power of the EX200 on command. This function increases engine rpm when activated, thus providing more horsepower when needed – up to 142 hp (105 kW).
 - Engine rpm automatically increases when the arm-in function meets resistance.
 - Automatically switches back to normal rpm and 132 hp (98 kW) when resistance is overcome for fuel savings.
- The **E** mode provides 94% of full power while providing 15% more fuel efficiency. It is appropriate for light-duty work because it allows you to work longer before refueling.





A thumb-actuated power boost switch provides an additional 6% of hydraulic power for about eight seconds in the **Normal, E** or **H/P** mode.







Great Machine Balance

One of the EX200's secrets for operator acceptance is that the machine is so well balanced. It is easier to get fuller buckets faster with the EX200. This allows the operator to use all the power available. This outstanding balance makes the operator productive while giving a higher level of confidence and comfort.

Premium Quality Design and Manufacture

Hitachi excavators are designed to work smoothly and dependably. The EX200 features an excellent cab that is comfortable yet will withstand years of hard use. The carbody and undercarriage are rugged and require minimal maintenance.

The Hitachi *Dash-5* models incorporate the best in ergonomic design and features to provide an outstanding package of productivity, reliability and lasting value.

"D" Section Frame

The "D" section frame is designed to resist deformation. It protects the upperstructure from damage due to lateral impacts during swing.

Long-Life, High-Hour Durability



Longer-Life Undercarriage

Hitachi undercarriages feature premium grade tracks with large track links fitted with struts for added durability. Pin seals prevent dirt in the bushings and reduce inner wear. The tracks feature heavy-duty track links, front idlers, upper/lower rollers and track center guard.



Round Travel Motor Covers

Round travel motor covers provide a higher resistance to deformation.



Rugged X-Frame

The tough tractor-type undercarriage and X-form center frame assure superb durability.



Round Hydraulic Tank

A round hydraulic tank provides superior circulation of the hydraulic oil so that it's kept cleaner and more evenly cooled.





Track center guard keeps track links engaged.



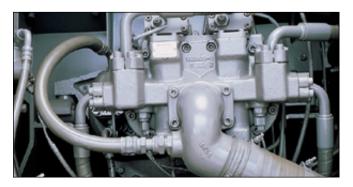


Air Cleaner Stored Inside

An air cleaner, stored inside the upperstructure cover, allows simple replacement of elements from the ground.



Large Tool Box With Grease Gun Holder



Reinforced Front Attachment

The boom is made of thickened plates at the boom foot and three inside bulkheads. The arm has thickened plates at its top, sides and bottom to increase ruggedness and to resist twisting.



Remote Lube

All lube points are clustered in three central areas.



Super Strong Piping

Hitachi is legendary for its strong, long-lasting hydraulic hose, piping and fittings. This provides outstanding reliability and cleanliness.

Perfectly Matched Hydraulic System

Hitachi expertly matches the engine to the hydraulic pumps and control valves for the best response and longest life possible. The pumps are designed to work specifically with the Isuzu engine - regardless of rpm or work load.

Engine

Model	Isuzu A-6BG1T
Туре	4-cycle water-cooled, direct injection
Aspiration	Turbocharged
No. of cylinders	6
Rated flywheel horsepower	
(SAE J1349, net)	132 hp (98 kW) at 1,950 rpm (min-1)
Maximum torque	
	at 1,600 rpm (min-1)
Piston displacement	
Bore and stroke	4.13" x 4.92" (105 mm x 125 mm)
Batteries	
Governor	Mechanical, speed control
	with stepping motor

Hydraulic System

 Work mode selector: General purpose mode / Grading mode / Precision mode / Attachment mode • Engine speed sensing system .2 variable displacement axial piston pumps Main pumps Maximum oil flow. .52.6 US gpm (43.8 Imp gpm, 199 L/min) each pump Pilot pump 1 gear pump Maximum oil flow ...8.7 US gpm (33 L/min, 7.3 Imp gpm) each pump

Hydraulic Motors

Swing.....1 axial piston motor

Relief Valve Settings

Implement circuit	4,980	psi (350 kgf/cm ²)
Swing circuit	4,480	psi (315 kgf/cm ²)
Travel circuit	4,980	psi (350 kgf/cm ²)
Pilot circuit		psi (38 kgf/cm ²)
Power boost	5,260	psi (370 kgf/cm2)

Hydraulic Cylinders

High-strength piston rods and tubes. Cylinder cushion mechanisms are provided in all cylinders to absorb shock when pistons reach their stroke ends.

Dimensions

	Qty	Bore	Rod diameter
Boom	2	4.72" (120 mm)	3.35" (85 mm)
Arm	1	5.12" (130 mm)	3.74" (95 mm)
Bucket	1	4.33" (110 mm)	2.95" (75 mm)

Hydraulic Filters

Hydraulic circuits use high quality hydraulic filters. A suction filter is incorporated in the suction line, and 10 micron full-flow filters in the return line and swing/travel motor drain lines.

Service Refill Capacities					
	US gal	Liters	Imp gal		
Fuel tank	81.9	310.0	68.2		
Engine coolant	6.1	23.0	5.1		
Engine oil	6.6	25.0	5.5		
Swing mechanism	2.2	8.2	1.8		
Travel final device (each side)	1.5	5.5	1.2		
Hydraulic system	52.8	200.0	44.0		
Hydraulic tank (Reference oil level)	35.7	135.0	29.7		

Controls

Pilot controls. Hitachi's original shockless valve and guick warm-up system built in the pilot circuit. Hydraulic warm-up control system for engine and hydraulic oil.

Implement levers .. Travel levers with pedals

Upperstructure

Revolving Frame

Welded sturdy box construction, using heavy-gauge steel plates for ruggedness. D-section frame for resistance to deformation.

Swing Mechanism

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 speed. ..13.9 rpm (min-1)

Operator's Cab

Independent roomy cab, 40" (1 005 mm) wide by 66" (1 665 mm) high, conforming to ISO* Standards. Reinforced glass windows on 4 sides for excellent visibility. Front windows (upper and lower) can be opened. Adjustable, reclining seat with armrests; movable with or without control levers. * International Standardization Organization

D Undercarriage

Tracks

Tractor-type undercarriage. Welded track frame, using selected materials. Side frame welded to track frame. Lubricated track rollers, idlers, and sprockets with floating seals. Track shoes with triple grousers made of inductionhardened rolled alloy. Flat and triangular shoes are also available. Heattreated connecting pins with dirt seals. Hydraulic (grease) track adjusters with shock-absorbing recoil springs.

Numbers of Rollers and Shoes on Each Side

Jpper rollers2	2	
_ower rollers7		EX200
3	3	EX200LC
Track shoes 46)	EX200
49)	EX200LC
Frack guard1		EX200
1		EX200LC

Traction Device

Each track driven by 2-speed axial piston motor through planetary reduction gear for counter rotation of the tracks. Sprockets are 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 - Low.

Iravel speedsHigh:	0 to 3.4 mph (5.5 km/h)
Low:	0 to 2.2 mph (3.5 km/h)
Maximum traction force	42,020 lbf (19 060 kgf)
Gradeability	35° (70%) continuous

These specifications are subject to change without notice. Illustrations and photos show the standard models, and may or may not include optional equipment, accessories, and all tandard equipment with some differences in color and features.

Weights and Ground Pressure

Equipped with 18' 8" (5.68 m) boom, 9' 7" (2.91 m) arm and 1.05 yd3 (.80 m3: PCSA heaped) bucket.

-			
Shoe type	Shoe wid	th Operating weight	Ground pressur
	24″	42,300 lb (19 200 kg)	6.26 psi (0.44 kgf/c
Triple	(600 mm)	43,400 lb (19 700 kg)	5.97 psi (0.42 kgf/
grouser	28″	43,200 lb (19 600 kg)	5.55 psi (0.39 kgf/c
	(700 mm)	44,300 lb (20 100 kg)	5.12 psi (0.36 kgf/
	31″	43,900 lb (19 900 kg)	4.83 psi (0.34 kgf/c
	(800 mm)	45,000 lb (20 400 kg)	4.55 psi (0.32 kgf/
Flat	24″	44,100 lb (20 000 kg)	6.54 psi (0.46 kgf/c
Tiat	(600 mm)	45,400 lb (20 600 kg)	6.11 psi (0.43 kgf/
	30″	45,000 lb (20 400 kg)	5.12 psi (0.36 kgf/c
Triangular	(760 mm)	46,300 lb (21 000 kg)	4.98 psi (0.35 kgf/
manyulai	35″	46,100 lb (20 900 kg)	4.55 psi (0.32 kgf/c
	(900 mm)	47,400 lb (21 500 kg)	4.27 psi 0.30 kgf/

Figures in **bold** are for the EX200LC.

Weights of the basic machines [including 9,800 lb (4 450 kg) counterweight and triple grouser shoes, excluding front-end attachment, fuel, hydraulic oil, engine oil, and coolant etc.] are: EX200. ..33,300 lb (15 100 kg) with 24" (600 mm) shoes EX200LC .35,900 lb (16 300 kg) with 31" (800 mm) shoes

Bucket Selection Chart Bucket capacity indicated is SAE heaped.

		1	
Material (loose weight)	General-Purpo	se Bucket*	
3,400 - 3,100 lb/yd3 (2 020 - 1 840 kg/m3) Sand and gravel, wet Sand, wet	1.38 yd³ 1.38 yd³	1.1 m³ 1.1 m³	
2,900 - 2,550 lb/yd3 (1 720 - 1 510 kg/m3) Sand and gravel, dry Sand, moist Rock, granite, blasted and broken Clay, wet Earth, wet Limestone, broken or crushed Earth, dry	1.50 yd3 1.50 yd3 1.38-1.75 yd3 1.50 yd3 1.50 yd3 1.12-1.50 yd3 1.38-1.50 yd3	1.1 m ³ 1.1 m ³ 1.1-1.3 m ³ 1.1 m ³ 1.1 m ³ 0.9-1.1 m ³ 1.1 m ³	1.
2,500 - 2,100 lb/yd3 (1 480 - 1 250 kg/m3) Clay, dry Sand, dry Shale Earth, Ioam Caliche	1.12-1.50 yd ³ 1.75 yd ³ 1.75 yd ³ 1.75 yd ³ 1.38-1.75 yd ³	0.9-1.1 m ³ 1.3 m ³ 1.3 m ³ 1.3 m ³ 1.1-1.3 m ³	1.
1,780 - 1,170 lb/yd3 (1 050 - 690 kg/m3) Coal Topsoil Peat, wet	2.25 yd ³ 2.50 yd ³ 3.50 yd ³	1.7 m ³ 1.9 m ³ 2.7 m ³	
950 - 700 lb/yd³ (560 - 420 kg/m³) Cinders Peat, dry Wood chips	4.00 yd ³ 5.50 yd ³ 6.50 yd ³	3.1 m ³ 4.2 m ³ 5.0 m ³	

Buckets

Capacity		Width				Recommendation					
				No. of	Weight	EX200			EX200LC		
		\\/ithout	\ \ /;+b	Teeth	weight	7′3″	9'7"	14′6″	7′3″	9′7″	14′6″
PCSA heaped	CECE heaped	Without side cutters	With side cutters			(2.22m)		(4.41m* ³)			
	•	side cutters	side cutters			arm	arm	arm	arm	arm	arm
0.67 yd ³ (0.51 m ³)	0.45 m ³	28" (720 mm)	33" (850 mm)	3	1,150 lb (520 kg)			•			•
1.05 yd ³ (0.80 m ³)	0.70 m ³	41" (1 030 mm)	45" (1 140 mm)	5	1,480 lb (670 kg)			-			-
1.19 yd ³ (0.91 m ³)	0.80 m ³	45" (1 150 mm)	50" (1 280 mm)	5	1,540 lb (700 kg)		•	-			-
1.44 yd ³ (1.10 m ³)	0.90 m ³	52" (1 330 mm)	58" (1 460 mm)	6	1,680 lb (760 kg)	+	-	-	+	+	-
1.57 yd ³ (1.20 m ³)	1.00 m ³	57" (1 450 mm)	_	6	1,480 lb (670 kg)		-	-		-	-
^{*1} 1.05 yd ³ (0.80 m ³)	0.70 m ³	41" (1 030 mm)	45" (1 140 mm)	5	1,700 lb (770 kg)			-			-
^{*2} 1.05 yd ³ (0.80 m ³)	0.70 m ³	41" (1 030 mm)	45" (1 140 mm)	5	1,700 lb (770 kg)			-	•		-
^{*1} 1.19 yd ³ (0.91 m ³)	0.80 m ³	45" (1 150 mm)	50" (1 280 mm)	5	1,790 lb (810 kg)			-	•		-
Ripper bucket: 0.78 yd ³ (0.	.60 m ³ : CECE hea	aped), Width 31" (800	mm)	3	2,090 lb (950 kg)	8	-	-	36	-	-
One-point ripper				1	1,210 lb (550 kg)	8	-	-	36	-	-
Clamshell bucket: 0.78 yd ³ (0.60 m ³ : CECE heaped), Width 37" (940 mm)				8	2,730 lb (1 240 kg)			-			-
Slope-finishing blade: Width 43" (1 100 mm), length 87" (2 200 mm)					1,520 lb (690 kg)	\$	\$	-	\$	\$	-
*1 Reinforced bucket											
*2 Level-pin-reinforced bud	cket				 Suitable for materia 						n ³) or less
* ³ 9' 7" (2.91 m) arm + 4'	11" (1.50) extens	ion arm			 Suitable for materia Suitable for materia 						

1 38 vd3

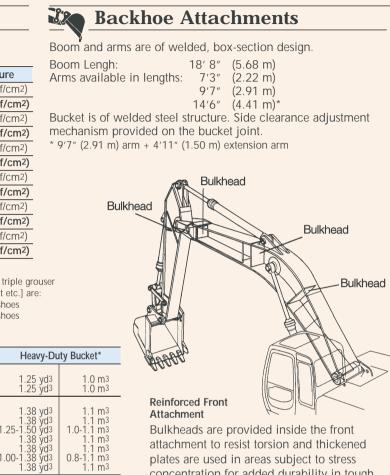
1.50 yd3 1.50 yd3 1.50 yd3 1.50 yd3

.25-1.50 yd3

11m3

1.1 m³ 1.1 m³ 1.1 m³

1.0-1.1 m³



plates are used in areas subject to stress concentration for added durability in tough operations.

* Contact your Hitachi dealer for optimum, bucket and attachment selections. These recommendations are for general conditions and average use. Larger buckets may be possible for flat and level operations, less compacted materials, and volume loading applications such as mass excavation applications in ideal conditions. Smaller buckets are recommended for adverse conditions such as off-level applications and uneven surfaces.

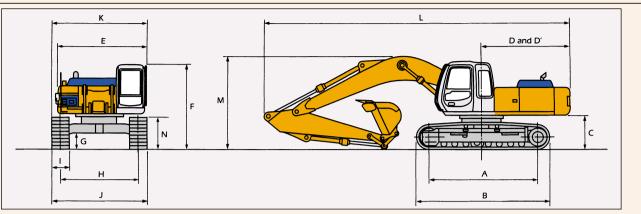
Slope finishing service - Not recommended

Specifications: EX200

Lifting Capacities: EX200

EX200/EX200LC

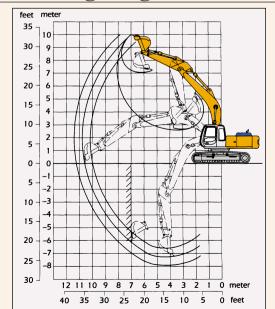
Dimensions



		EX200	EX200LC
А	Distance between tumblers	11'1" (3 370 mm)	12'0" (3 660 mm)
В	Undercarriage length	13'8" (4 170 mm)	14'8" (4 460 mm)
С	Counterweight clearance	3′5″ (1 030 mm)	3′5″ (1 030 mm)
D	Rear-end swing radius	9′0″ (2 750 mm)	9′0″ (2 750 mm)
D'	Rear-end length	8'11" (2 720 mm)	8'11" (2 720 mm)
Ε	Overall width of upperstructure	8'11" (2 710 mm)	8'11" (2 710 mm)
F	Overall height of cab	9′5″ (2 870 mm)	9′5″ (2 870 mm)
G	Min. ground clearance	1′6″ (450 mm)	1′6″ (450 mm)
Н	Track gauge	7'3" (2 200 mm)	7'10" (2 390 mm)
	Track shoe width	24" (600 mm)	31" (800 mm)
J	Undercarriage width	9'2" (2 800 mm)	10'6" (3 190 mm)
Κ	Overall width	9′5″ (2 860 mm)	10'6" (3 190 mm)
L	Overall length With 7'3" (2.22 m) arm With 9'7" (2.91 m) arm With 14'6" (4.41 m) arm	31'7" (9 620 mm) 31'2" (9 500 mm) 31'0" (9 460 mm)	31'7" (9 620 mm) 31'2" (9 500 mm) 31'0" (9 460 mm)
Μ	Overall height of boom With 7'3" (2.22 m) arm With 9'7" (2.91 m) arm With 14'6" (4.41 m) arm	10'2" (3 090 mm) 9'9" (2 970 mm) 11'8" (3 550 mm)	10'2" (3 090 mm) 9'9" (2 970 mm) 11'8" (3 550 mm)
Ν	Track height With triple grouser shoes	3'0" (910 mm)	3:0" (910 mm)

*Excluding track shoe lug

Working Ranges



		EX200/EX200LC				
Arm length		7′3″ (2.22 m)				
A Max. digging	reach	30′4″ (9 250 mm)	32'6" (9 910 mm)	36'11" (11 260 mm)		
A' Max. digging (on ground)	reach	29'9" (9 080 mm)	32'0" (9 750 mm)	36′5″ (11 100 mm)		
B Max. digging	depth	19′7″ (5 980 mm)	21'11" (6 670 mm)	26'9" (8 160 mm)		
B' Max. digging (8' level)	depth	18'10" (5 740 mm)	21'4" (6 490 mm)	26'4" (8 030 mm)		
C Max. cutting	height	30′1″ (9 170 mm)	31′6″ (9 600 mm)	33'6" (10 220 mm)		
D Max. dumpin	g height	21'0" (6 390 mm)	22'3" (6 780 mm)	24'4" (7 410 mm)		
E Min. swing ra	dius	11'7" (3 530 mm)	11'7" (3 540 mm)	11'7" (3 540 mm)		
F Max. vertical	wall	16'10" (5 140 mm)	19'10" (6 050 mm)	24'9" (7 540 mm)		
Bucket digging	ISO	30,200 lbf (13 700 kgf)				
force**	SAE: PCSA		26,900 lbf (12 200 kgf)			
Arm crowd	ISO	28,400 lbf (12 900 kgf)	22,300 lbf (10 100 kgf)	16,300 lbf (7 400 kgf)		
force**	SAE: PCSA	17,100 lbf (12 300 kgf)	21,200 lbf (9 600 kgf)	15,900 lbf (7 200 kgf)		
Excluding track s	hoe lug	*9'7" (2.91 m) arm + 4''	11" (1.50 m) extension ar	m ** At power boost		

00														
ditions	Load point	5′ (1.	52 m)	10' (3	.05 m)									
	height ft in		Ů	()	ĥ									
8′8″) 3″	20' (6.10 m)													
	15′ (4.57 m)													
	10′ (3.05 m)													
)	5′													

EX200						¢,		g over si) degree g ront	s I	Unit Measure: 1,000 lb 1 000 kg)		A B C		b: L	oad rad oad poi ifting ca	nt height
	Load point						Loa	d radius								
Conditions	height	5′ (1.5	52 m)	10′ (3	.05 m)	15′ (4.57 m)		20' (6.10 m)		25' (7.62 m)				At max. reach		
	ft in	Þ	ĥ	Þ	Ů	Þ	ĥ	Þ	Ů	Þ	Ů	Þ	Ū	()	Ů	ft in (m)
	20' (6.10 m)							8.88 (4.03)	* 9.19 (4.17)					5.85 (2.65)	* 7.20 (3.27)	25′7″ (7.80 m)
Boom: 18'8"	15′ (4.57 m)							8.70 (3.95)	* 9.82 (4.45)					4.84 (2.20)	* 7.18 (3.26)	27'11" (8.51 m)
(5.68 m) Arm: 7'3"	10' (3.05 m)					12.90 (5.85)	* 14.90 (6.76)	8.26 (3.75)	*11.40 (5.17)	5.66 (2.57)	8.95 (4.06)			4.36 (1.98)	6.99 (3.17)	29'0" (8.84 m)
(2.22 m) Bucket:	5' (1.52 m)					(0.00)	(0.70)	7.78 (3.53)	12.50 (5.67)	5.45 (2.47)	8.73 (3.96)			4.21 (1.91)	6.83 (3.10)	29'2" (8.89 m)
PCSA 1.05 yd ³ (.80 m ³)	0 (Ground)					11.40 (5.17)	19.10 (8.66)	7.44 (3.37)	(5.67) 12.10 (5.49)	5.28 (2.40)	8.54 (3.87)			4.38 (1.99)	7.11 (3.23)	28'3" (8.61 m)
Shoes: 24" (600 mm)	-5' (-1.52 m)					(3.17) 11.30 (5.13)	(0.00) 19.10 (8.66)	7.31 (3.32)	(3.47) 11.90 (5.40)	5.23 (2.37)	8.49 (3.85)			4.96 (2.25)	8.01 (3.63)	26'2" (7.98 m)
	-10' (-3.05 m)			22.80 (10.34)	* 25.60 (11.61)	(5.13)	(0.00) * 19.10 (8.66)	7.38	(3.40) 12.00 (5.44)	(2.57)	(3.03)			6.40 (2.90)	* 9.52 (4.32)	22′6″ (6.86 m)
	-15' (-4.57 m)			(10.34)	(11.01)	(5.22)	(0.00) * 15.40 (6.99)	(3.33)	(J.44)					(2.70)	(4.32)	(0.00 11)
	(-4.37 111)					(5.40)	(0.99)									
	20' (6.10 m)							* 7.71 (3.50)	* 7.71 (3.50)					* 4.31 (1.96)	* 4.31 (1.96)	28′1″ (8.56 m)
Boom: 18'8"	15' (4.57 m)							* 8.47 (3.84)	*8.47 (3.84)	5.91 (2.68)	* 8.10 (3.67)			4.17 (1.89)	* 4.28 (1.94)	30'2" (9.19 m)
(5.68 m) Arm: 9'7"	10' (3.05 m)					* 12.70 (5.76)	* 12.70 (5.76)	8.41 (3.81)	*10.20 (4.63)	5.72 (2.59)	9.03 (4.10)			3.78 (1.71)	* 4.42 (2.00)	31'3" (9.53 m)
(2.91 m) Bucket:	5′ (1.52 m)					12.20 (5.53)	* 17.10 (7.76)	7.88 (3.57)	* 12.30 (5.58)	5.46 (2.48)	8.75 (3.97)			3.65 (1.66)	* 4.73 (2.15)	31'4" (9.55 m)
PCSA 1.05 yd ³ (.80 m ³)	0 (Ground)					11.50 (5.22)	19.30 (8.75)	7.46	12.10 (5.49)	5.24 (2.38)	8.50 (3.86)			3.76 (1.71)	*5.27 (2.39)	30'6" (9.30 m)
Shoes: 24" (600 mm)	-5' (-1.52 m)			* 12.60 (5.72)	* 12.60 (5.72)	(5.08)	19.00 (8.62)	7.23	11.90	5.11 (2.32)	8.37 (3.80)			4.18 (1.90)	* 6.18 (2.80)	28'7" (8.71 m)
	-10' (-3.05 m)			22.30 (10.12)	*24.90 (11.29)	11.30 (5.13)	19.00 (8.62)	7.20 (3.27)	11.80 (5.35)	5.14 (2.33)	8.40 (3.81)			5.15 (2.34)	* 7.83 (3.55)	25′5″ (7.75 m)
	-15' (-4.57 m)			22.80 (10.34)	* 24.40 (11.07)	11.50 (5.22)	* 17.5 (7.94)	7.42 (3.37)	12.10 (5.49)	. /	. /			7.70 (3.49)	* 7.84 (3.56)	20'2" (6.15 m)



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

Lifting Capacities: EX200

EX200LC						Ć	Ratin or 36 Ratin over		s I	Unit Measure: 1,000 lb 1 000 kg				b: L	oad rad oad poi ifting ca	nt height	
	Load point						Loa	d radius									
Conditions	height	5' (152 r		10′ (3.05 m)		15' (4.57 m)		20' (6.10 m)		25' (7.62 m)				At max. reach			
	ft in	œ	ů	¢	Ů	Þ	Ů	Þ	Ů	œ	Ů	Þ	ĥ	()	ĥ	ft in (m)	
Boom: 18'8" (5.68 m) Arm: 7'3" (2.22 m) Bucket: PCSA: 1.05 yd ³ (.80 m ³) Shoes: 31" (800 mm)	20' (6.10 m)							* 9.19 (4.17)	* 9.19 (4.17)					6.77 (3.07)	* 7.20 (3.27)	25'7" (7.80 m)	
	15' (4.57 m)							* 9.82 (4.45)	* 9.82 (4.45)					5.65 (2.56)	* 7.18 (3.26)	27'11" (8.51 m)	
	10' (3.05 m)					* 14.90 (6.76)	* 14.90 (6.76)	9.55 (4.33)	*11.40	6.60 (2.99)	*10.00 (4.54)			5.13 (2.33)	* 7.43 (3.37)	29'0" (8.84 m)	
	5' (1.52 m)					(0170)		9.06 (4.11)	*13.30 (6.03)	6.39 (2.90)	10.40 (4.72)			4.98 (2.26)	* 7.96 (3.61)	29'2" (8.89 m)	
	0 (Ground)					13.40 (6.08)	* 20.90 (9.48)	8.72 (3.96)	14.40 (6.53)	6.22 (2.82)	10.20 (4.63)			5.17 (2.35)	8.47 (3.84)	28'3" (8.61 m)	
	-5' (-1.52 m)					13.30 (6.03)	* 20.70 (9.39)	8.58 (3.89)	14.30 (6.49)	6.17 (2.80)	10.10 (4.58)			5.84 (2.65)	9.54 (4.33)	26'2" (7.98 m)	
	-10' (-3.05 m)			* 25.60 (11.61)	* 25.60 (11.61)	13.40 (6.08)	* 19.10 (8.66)	8.65 (3.92)	14.20 (6.44)					7.48 (3.39)	* 9.52 (4.32)	22'6" (6.86 m)	
	-15' (-4.57 m)					13.90 (6.31)	* 15.40 (6.99)										
				1					1	1				I	1		
Boom: 18'8" (5.68 m) Arm: 9'7" (2.91 m) Bucket: PCSA: 1.05 yd ³ (.80 m ³) Shoes: 31" (800 mm)	20' (6.10 m)							* 7.71 (3.50)	* 7.71 (3.50)					* 4.31 (1.96)	* 4.31 (1.96)	28′1″ (8.56 m)	
	15′ (4.57 m)							* 8.47 (3.84)	* 8.47 (3.84)	6.85 (3.11)	* 8.10 (3.67)			* 4.28 (1.94)	* 4.28 (1.94)	30'2" (9.19 m)	
	10' (3.05 m)					*12.70 (5.76)	* 12.70 (5.76)	9.71 (4.40)	*10.20 (4.63)	6.66 (3.02)	* 9.06 (4.11)			* 4.42 (2.00)	* 4.42 (2.00)	31'3" (9.53 m)	
	5′ (1.52 m)					14.20 (6.44)	* 17.10 (7.76)	9.17 (4.16)	*12.30 (5.58)	6.40 (2.90)	*10.10 (4.58)			4.35 (1.97)	* 4.73 (2.15)	31'4" (9.55 m)	
	0 (Ground)					13.40 (6.08)	* 20.00 (9.07)	8.73 (3.96)	*14.00 (6.35)	6.17 (2.80)	10.10 (4.58)			4.49 (2.04)	* 5.27 (2.39)	30'6" (9.30 m)	
	-5' (-1.52 m)			* 12.60 (5.72)	* 12.60 (5.72)	13.20 (5.99)	* 20.80 (9.43)	8.50 (3.86)	14.20 (6.44)	6.04 (2.74)	10.00 (4.54)			4.97 (2.25)	* 6.18 (2.80)	28'7" (8.71 m)	
	-10' (-3.05 m)			* 24.90 (11.29)	* 24.90 (11.29)	13.20 (5.99)	* 20.10 (9.12)	8.47 (3.84)	14.20 (6.44)	6.08 (2.76)	10.00 (4.54)			6.07 (2.75)	* 7.83 (3.55)	25′5″ (7.75 m)	
	–15′ (–4.57 m)			* 24.40 (11.07)	* 24.40 (11.07)	13.50 (6.12)	* 17.50 (7.94)	8.69 (3.94)	*12.60 (5.72)					* 7.84 (3.56)	* 7.84 (3.56)	20'2" (6.15 m)	

Notes: 1. Ratings are based on SAE J1097.

2. Lifting capacity of the Super 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.

Standard Equipment Standard equipment may

CAB

steel cab

wipers

Footrest

Seat belt

Ashtray

glass windows

• All-weather sound-suppressed

• 6 fluid-filled elastic mounts

Front window washer

Electric double horn

Auto-idle switch

Cigarette lighter

· Parcel pocket

Floor mat

Heater

Glove compartment

· Pilot control shut-off lever

with adjustable armrests

• Reinforced, tinted (bronze color)

Front and left side windows open

Intermittent retractable windshield

Adjustable reclining suspension seat

• Auto-tuning radio with digital clock

ENGINE

H/P mode control

- E mode control 40 A alternator
- Dry-type air filter with evacuator
- valve (with safety element)
- Cartridge-type engine oil filter
- Cartridge-type engine oil bypass filter
- Cartridge-type fuel filter
- Air cleaner (double element)
- · Radiator and oil cooler with
- dust-protection net Radiator reserve tank
- Fan guard
- Isolation-mounted engine Auto-idle system

HYDRAULIC SYSTEM

- Work mode selector
- Engine speed sensing system
- E-P control system
- Quick warm-up system for pilot circuit
- Shockless valve in pilot circuit
- Boom-arm anti-drift valve
- Control valve with main relief valve
- Air conditioning • Extra port for control valve • Hot & Cool box
- Suction filter
- Full-flow filter
- Pilot filter

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

- Hose rupture valves
- Electric fuel refilling pump
- Swing motion alarm device with lamps
- Additional pump
- · Piping kit for extra valve port
- Pre-cleaner

- Full track guard

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MONITOR SYSTEM

• Meters:

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

LIGHTS

• 2 working lights

UPPERSTRUCTURE

- Undercover
- 9,800 lb (4 450 kg) counterweight
- · Fuel level float
- · Hydraulic oil level gauge
- Tool box
- Utility space
- Right and left side mirrors
- Swing parking brake

• Travel motion alarm device UNDERCARRIAGE

- Travel parking brake
- Travel motor covers
- Track guards and hydraulic track adjuster
- Bolt-on sprocket
- Upper rollers and lower rollers
- Reinforced track links with pin seals
- 31" (800 mm) triple grouser shoes

FRONT ATTACHMENTS

- Bucket clearance adjust mechanism
- Monolithically cast bucket link A
- Centralized lubrication system
- Dirt seals on all bucket pins
- 9'7" (2.91 m) arm

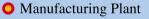
MISCELLANEOUS

- Standard tool kit
- Lockable machine covers
- Lockable fuel filling cap
- Slip-resistant tapes and handrails

 Tropical cover Auto-lubrication system • Swing cushion valve • Front glass lower guard

The 2251 You Can Buy

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Hitachi excavators, mini excavators, mining shovels, cranes and forestry machines are the best you can buy. Our commitment to superior product support is equally outstanding.

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 Vancouver, B.C.
- Manufacturing Plants – Tsuchiura, Japan
 - Tierra, Japan
 - Kernersville, North Carolina
 - Langley, B.C.
 - Saltillo, Mexico