

SPECIFICATIONS

ENGINE

Model	HINO H07C-TD
Type	4-cycle water-cooled, direct injection
Aspiration	Turbocharged
No. of cylinders	6
Rated flywheel	125 kW (170 PS) at 2 050 min ⁻¹ (rpm)
horsepower (DIN 6271, net)	
Rated flywheel	125 kW (168 HP) at 2 050 min ⁻¹ (rpm)
horsepower (SAE J1349, net)	
Maximum torque	657 N·m (67 kgf·m, 485 lbf·ft)
	at 1 600 min ⁻¹ (rpm)
Piston displacement	6.728 L (411 in ³)
Bore and stroke	110 mm × 118 mm (4.3" × 4.6")
Batteries	2 × 12 V, 120 AH
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
- | | |
|------------------------|--|
| Main pumps | 2 variable displacement axial piston pumps |
| Maximum oil flow | 2 × 209 L/min |
| | (55.2 US gpm, 46.0 Imp gpm) |
| Pilot pump | 1 gear pump |
| Max. oil flow | 34 L/min. |
| | (9.0 US gpm, 7.5 Imp gpm) |

Hydraulic Motors

- | | |
|--------------|---|
| Travel | 2 variable displacement axial piston motors |
| Swing | 1 axial piston motor |

Relief Valve Settings

Implement circuit	34.3 MPa (350 kgf/cm ² , 4 980 psi)
Swing circuit	27.7 MPa (282 kgf/cm ² , 4 010 psi)
Travel circuit	34.3 MPa (350 kgf/cm ² , 4 980 psi)
Pilot circuit	3.7 MPa (38 kgf/cm ² , 540 psi)
Power boost	36.3 MPa (370 kgf/cm ² , 5 260 psi)

Hydraulic Cylinders

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

Dimensions

	Qty.	Bore	Rod diameter
Boom	2	135 mm (5.31")	95 mm (3.74")
Arm	1	145 mm (5.71")	100 mm (3.94")
Bucket	1	135 mm (5.31")	90 mm (3.74")

Hydraulic Filters

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

CONTROLS

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

Implement levers 2

Travel levers with pedals 2

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 10.6 min⁻¹ (rpm)

Operator's Cab

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

*International Standardization Organization

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 induction-hardened rolled alloy. Flat and triangular shoes are also available. 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
Lower rollers	8 EX270-s
	9 EX270LC-s
Track shoes	47 EX270-s
	50 EX270LC-s
Track guard	1 EX270-s-EX270LC-s

Traction Device

Each track driven by 2-speed axial piston motor through planetary reduction gear for counterrotation 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.

Automatic transmission system: High – Low.

Travel speeds High: 0 to 5.1 km/h (3.2 mph)

Low: 0 to 3.1 km/h (1.9 mph)

Maximum traction force 226 kN (23 000 kgf, 50 720 lbf)

Gradeability 35° (70 %) continuous

WEIGHTS AND GROUND PRESSURE

Equipped with 6.20 m (20'4") boom, 3.10 m (10'2") arm and 1.10 m³ (1.44 yd³: PCSA heaped) bucket.

Shoe type	Shoe width	Operating weight	Ground pressure
Triple grouser	600 mm (24")	26 000 kg (57 330 lb)	53 kPa (0.54 kgf/cm ² , 7.68 psi)
		26 700 kg (58 870 lb)	51 kPa (0.52 kgf/cm ² , 7.39 psi)
	800 mm (31")	26 900 kg (59 310 lb)	41 kPa (0.42 kgf/cm ² , 5.97 psi)
		27 600 kg (60 860 lb)	39 kPa (0.40 kgf/cm ² , 5.67 psi)
Flat	600 mm (24")	27 200 kg (59 980 lb)	55 kPa (0.57 kgf/cm ² , 8.11 psi)
		27 900 kg (61 520 lb)	53 kPa (0.54 kgf/cm ² , 7.68 psi)
Triangular	910 mm (36")	27 400 kg (60 420 lb)	37 kPa (0.38 kgf/cm ² , 5.40 psi)
		28 200 kg (62 180 lb)	35 kPa (0.36 kgf/cm ² , 5.12 psi)

Figures in are data on the EX270LC-s.

Weights of the basic machines (including 5 700 kg (12 570 lb), counterweight and triple grouser shoes, excluding front-end attachment, fuel, Hyd. oil, Eng. oil and coolant etc.) are:

EX270-s	20 300 kg (44 760 lb)
	with 600 mm (24") shoes
EX270LC-s	21 900 kg (48 290 lb)
	with 800 mm (31") shoes

SERVICE REFILL CAPACITIES

	liters	US gal	Imp gal
Fuel tank	380	100.4	83.6
Engine coolant	23	6.1	5.1
Engine oil	26	6.9	5.7
Swing mechanism	17	4.5	3.7
Travel final device	7.8	2.1	1.7
(each side)			
Hydraulic system	230	60.8	50.6
Hydraulic tank	156	41.2	34.3
(Reference oil level)			

BACKHOE ATTACHMENTS

Boom and arms are of welded, box-section design. 6.20 m (20'4") boom, and 2.40 m (7'10"), 3.10 m (10'2") and 3.75 m (12'4") arms are available. Bucket is of welded steel structure. Side clearance adjust mechanism provided on the bucket joint bracket.

Buckets

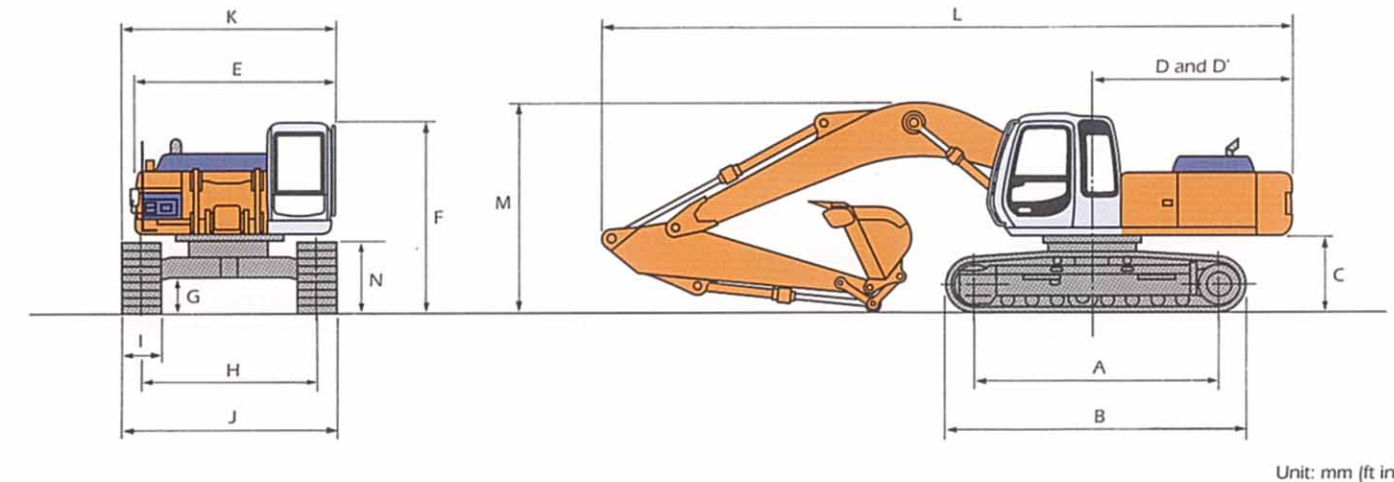
Capacity		Width		No. of teeth	Weight	Recommendation					
						EX270-s			EX270LC-s		
PCSA heaped	CECE heaped	Without side cutters	With side cutters			2.40 m (7'10") arm	3.10 m (10'2") arm	3.75 m (12'4") arm	2.40 m (7'10") arm	3.10 m (10'2") arm	3.75 m (12'4") arm
*1 0.92 m ³ (1.20 yd ³)	0.80 m ³	1 115 mm (3'8")	—	5	990 kg (2 180 lb)	●	●	○	●	●	○
1.00 m ³ (1.31 yd ³)	0.90 m ³	1 160 mm (3'10")	1 290 mm (4'3")	5	840 kg (1 850 lb)	○	○	○	○	○	○
1.10 m ³ (1.44 yd ³)	1.00 m ³	1 220 mm (4'0")	1 340 mm (4'5")	5	900 kg (1 980 lb)	○	○	○	○	○	○
1.39 m ³ (1.82 yd ³)	1.20 m ³	1 440 mm (4'9")	1 560 mm (5'1")	5	990 kg (2 180 lb)	○	○	—	○	○	□
1.62 m ³ (2.12 yd ³)	1.40 m ³	1 640 mm (5'5")	—	5	1 000 kg (2 210 lb)	□	□	—	□	□	—
*2 1.10 m ³ (1.44 yd ³)	1.00 m ³	1 220 mm (4'0")	1 340 mm (4'5")	5	1 040 kg (2 290 lb)	○	○	○	○	○	○
*2 1.39 m ³ (1.82 yd ³)	1.20 m ³	1 330 mm (4'4")	1 560 mm (5'1")	5	1 150 kg (2 540 lb)	○	○	—	○	○	□
Ripper bucket: 0.80 m ³ (1.05 yd ³ : CECE heaped), Width 1 000 mm (3'3")						3	1 210 kg (2 670 lb)	●	●	●	—
One-point ripper						1	680 kg (1 500 lb)	●	●	●	—
Clamshell bucket: 0.80 m ³ (1.05 yd ³ : CECE heaped), Width 975 mm (3'2")						9	1 360 kg (3 000 lb)	○	○	○	—

*1 Rock bucket

*2 Reinforced bucket

- Suitable for materials with density of 2 000 kg/m³ (3 370 lb/yd³) or less
- Suitable for materials with density of 1 600 kg/m³ (2 700 lb/yd³) or less
- Suitable for materials with density of 1 100 kg/m³ (1 850 lb/yd³) or less
- Heavy-duty service
- Not recommended

DIMENSIONS

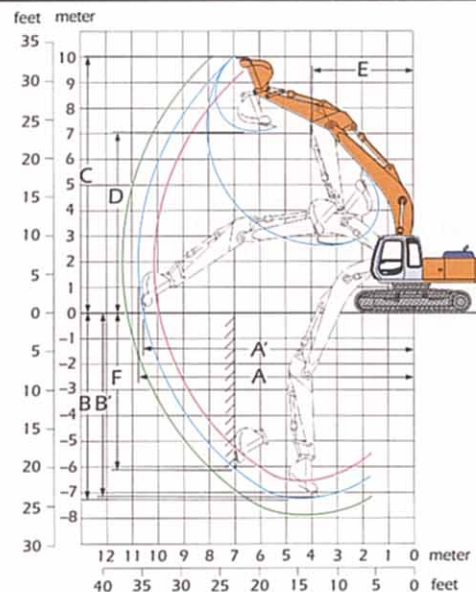


Unit: mm (ft in)

	EX270s	EX270LCs
A Distance between tumbles	3 710 (12'2")	4 010 (13'2")
B Undercarriage length	4 570 (15'0")	4 860 (15'11")
*C Counterweight clearance	1 160 (3'10")	1 160 (3'10")
D Rear-end swing radius	2 940 (9'8")	2 940 (9'8")
D' Rear-end length	2 940 (9'8")	2 940 (9'8")
E Overall width of upperstructure	2 870 (9'5")	2 870 (9'5")
F Overall height of cab	3 030 (9'11")	3 030 (9'11")
*G Min. ground clearance	500 (1'8")	500 (1'8")
H Track gauge	2 590 (8'6")	2 590 (8'6")
I Track shoe width	G 600 (2'4")	G 600 (2'4")
J Undercarriage width	3 190 (10'6")	3 190 (10'6")
K Overall width	3 190 (10'6")	3 190 (10'6")
L Overall length		
With 2.40 m (7'10") arm	10 370 (34'0")	10 370 (34'0")
With 3.10 m (10'2") arm	10 290 (33'9")	10 290 (33'9")
With 3.75 m (12'4") arm	10 310 (33'10")	10 310 (33'10")
M Overall height of boom		
With 2.40 m (7'10") arm	3 420 (11'3")	3 420 (11'3")
With 3.10 m (10'2") arm	3 170 (10'5")	3 170 (10'5")
With 3.75 m (12'4") arm	3 350 (12'0")	3 350 (12'0")
N Track height		
With triple grouser shoes	1 000 (3'3")	1 000 (3'3")

*Excluding track shoe lug. G: Triple grouser shoe

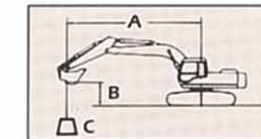
WORKING RANGES



	EX270s / EX270LCs		
Arm length	2.40 m (7'10")	3.10 m (10'2")	3.75 m (12'4")
A Max. digging reach	10 060 (33'0")	10 710 (35'2")	11 300 (37'1")
A' Max. digging reach (on ground)	9 860 (32'4")	10 520 (34'6")	11 120 (36'6")
B Max. digging depth	6 540 (21'5")	7 230 (23'9")	7 880 (25'10")
B' Max. digging depth (8' level)	6 320 (20'9")	7 050 (23'2")	7 720 (25'8")
C Max. cutting height	9 640 (31'8")	9 980 (32'9")	10 240 (33'7")
D Max. dumping height	6 750 (22'2")	7 070 (23'2")	7 330 (24'1")
E Min. swing radius	4 310 (14'2")	4 140 (13'7")	4 120 (13'6")
F Max. vertical wall	5 280 (17'4")	6 110 (20'1")	6 770 (22'3")
Bucket diggint force	ISO 167 kN (17 000 kgf, 37 490 lbf) / 177 kN (18 000 kgf, 39 690 lbf)* SAE: PCSA 144 kN (14 700 kgf, 32 410 lbf) / 152 kN (15 500 kgf, 34 180 lbf)*		
Arm crowd force	ISO 145 kN (14 800 kgf) / 153 kN* (15 600 kgf) SAE 139 kN (14 200 kgf) / 147 kN* (15 000 kgf) PCSA 114 kN (11 600 kgf) / 121 kN* (12 300 kgf) 99 kN (10 100 kgf) / 105 kN* (10 700 kgf) 114 kN (11 600 kgf) / 121 kN* (12 300 kgf) 99 kN (10 100 kgf) / 105 kN* (10 700 kgf) 116 kN (11 800 kgf) / 122 kN* (12 400 kgf) 96 kN (9 800 kgf) / 102 kN* (10 400 kgf)		

Excluding track shoe lug * At power boost

METRIC MEASURE



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

EX270s

Rating over-side or 360 degrees

Rating over front

Unit: 1 000 kg

Conditions	Load point height m	Load radius m										At max. reach @m		
		3	4	5	6	7	8	9	10	11	12	13	14	15
Boom 6.20 m	6													
Arm 2.40 m	4													
Bucket	2													
PCSA: 1.10 m³	0													
CECE: 1.00 m³	-2													
Shoes 600 mm	-4													
	-5													
Boom 6.20 m	6													
Arm 3.10 m	4													
Bucket	2													
PCSA: 1.10 m³	0													
CECE: 1.00 m³	-2													
Shoes 600 mm	-4													
	-6													
Boom 6.20 m	6													
Arm 3.75 m	4													
Bucket	2													
PCSA: 1.10 m³	0													
CECE: 1.00 m³	-2													
Shoes 600 mm	-4													
	-6													

Notes: 1. Ratings are based on SAE J1097.

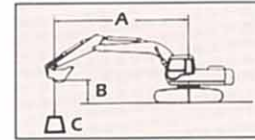
2. Lifting capacity of the Super EX Series does not exceed 75% of tipping load with the machine on firm, level ground or 87% of full hydraulic capacity.

3. The load point is a hook (not standard equipment) located on the back of the bucket.

4. *Indicates load limited by hydraulic capacity.

LIFTING CAPACITIES

METRIC MEASURE



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

EX270LC-5

Rating over-side or 360 degrees

Rating over front

Unit: 1 000 kg

Conditions	Load point height m	Load radius												At max. reach		
		3		4		5		6		7		8		9		@m
		⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	
Boom 6.20 m	6							4.78*	4.78*	4.79*	4.79*			3.36	4.04*	8.95
Arm 2.40 m	4					7.40*	7.40*	6.24*	6.24*	5.06	5.26*	4.01	5.26*	2.85	4.14*	9.57
Bucket	2					7.06	9.69*	5.94*	8.20*	4.70	6.84*	3.79	6.03*	3.09	5.24	9.67
PCSA: 1.10 m³	0					7.25	7.94*	5.62	9.41*	4.45	7.63	3.61	6.18	2.99	5.13	9.29
CECE: 1.00 m³	-2			10.17*	10.17*	7.45	10.44*	5.57	9.51*	4.38	7.55	3.58	6.13		3.42	8.33
Shoes 800 mm	-4	8.92*	8.92*	10.91*	10.91*	7.66	10.00*	5.73	8.38*	4.54	6.85					
	-5			9.93*	9.93*	7.87	8.40*	5.94	6.76*							
Boom 6.20 m	6							4.07*	4.07*	4.07*	4.07*	4.20*	4.20*	2.41*	2.41*	9.65
Arm 3.10 m	4					5.84*	5.84*	5.41*	5.41*	4.97*	4.97*	4.06	4.70	3.25	4.59*	10.22
Bucket	2					7.99	9.54*	6.07	7.48	4.76	6.31*	3.81	5.59	3.09	5.13*	10.32
PCSA: 1.10 m³	0			5.34*	5.34*	7.44	11.49*	5.64	9.02*	4.45	7.45*	3.60	6.16	2.95	5.09	9.96
CECE: 1.00 m³	-2	6.90*	6.90*	8.55*	8.55*	7.35	11.71*	5.50	7.49	4.32	7.49	3.50	6.06	2.90	5.04	9.09
Shoes 800 mm	-4	8.45*	8.45*	10.94	12.14	7.49	10.72	5.58	8.90*	4.39	7.42*			4.11	5.44*	7.47
	-6			8.60*	8.60*	7.60*	7.60*									
Boom 6.20 m	6											3.77*	3.77*	2.62*	2.62*	10.21
Arm 3.75 m	4									4.40*	4.40*	4.12	4.27*	3.33	4.23*	10.75
Bucket	2					10.02*	10.02*	8.11*	8.11*	6.31	6.61*	4.91	5.73*	3.92	5.17*	10.85
PCSA: 1.10 m³	0			7.58*	7.58*	7.63	10.72*	5.78	8.45*	4.55	7.03*	3.67	6.09*	3.00	5.15	10.53
CECE: 1.00 m³	-2	6.82*	6.82*	10.59	11.39*	7.35	11.72*	5.53	9.41*	4.35	7.52	3.52	6.08	2.90	5.04	9.74
Shoes 800 mm	-4	13.27*	13.27*	10.72	14.27*	7.37	11.40*	5.51	9.33*	4.33	7.48	3.52	6.08		3.42	8.32
	-6	14.63*	14.63*	11.12	11.63	7.65	9.46*	5.74	7.72*							

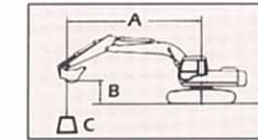
Notes: 1. Ratings are based on SAE J1097

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) located on the back of the bucket.

4. *Indicates load limited by hydraulic capacity.

ENGLISH MEASURE



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

EX270-5

Rating over-side or 360 degrees

Rating over-front

Unit: 1 000 lb

Conditions	Load point height	Load radius												At max. reach		
		10 ft (3.05 m)		15 ft (4.57 m)		20 ft (6.10 m)		25 ft (7.62 m)		30 ft (9.14 m)		35 ft (10.67 m)		@ ft in (m)		
		⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗			
Boom 20'4"	25 ft (7.62 m)															
Arm 10'20"	20 ft (6.10 m)							9.10*	9.10*					5.48*	5.48*	28.81
Bucket	15 ft (4.57 m)							9.39	10.01*	6.54	8.09*			5.32*	5.32*	31.55
PCSA: 1.44 yd³	10 ft (3.05 m)					19.32*	19.32*	12.99	13.87*	8.91	11.61*	6.34	9.61	5.31	5.37*	33.18
Shoes: 24"	5 ft (1.52 m)					18.46	24.49*	12.03	17.14*	8.41	12.72	6.09	9.35	4.92	5.61*	33.88
	0 ft (Ground)					17.74	20.84*	11.39	17.58	8.02	12.29	5.88	9.12	4.83	6.06*	33.73
	-5 ft (-1.52 m)	11.33*	11.33*	17.64	22.70*	11.11	17.27	7.80	12.06	5.78	9.02			5.03	6.78	32.69
	-10 ft (-3.05 m)	21.87*	21.83*	17.81	27.34*	11.12	17.27	7.80	12.06					5.63	7.96	30.68
	-15 ft (-4.57 m)	22.67*	22.67*	18.26	24.26*	11.40	17.58							6.92	10.00	27.44
Boom 20'4"	25 ft (7.62 m)															
Arm 7'10"	20 ft (6.10 m)							9.47	10.74*					7.03	8.93*	29.24
Bucket	15 ft (4.57 m)							9.23	11.35*					6.08	9.02*	31.01
PCSA: 1.44 yd³	10 ft (3.05 m)					12.52*	12.52*	8.79	12.78*					5.62	8.62	31.77
Shoes: 24"	5 ft (1.52 m)					11.82	18.03	8.35	12.64	6.10	9.35			5.53	8.54	31.60
	0 ft (Ground)					11.35	17.51	8.04	12.30					5.81	8.62	30.48
	-5 ft (-1.52 m)					17.89	19.23*	11.21	17.36	7.92	12.17			6.62	9.76	28.29
	-10 ft (-3.05 m)	26.64*	26.64*	18.17	23.36*	11.34	17.50	8.04	12.31					8.47	11.93*	24.66
	-15 ft (-4.57 m)					18.74	21.82*	11.80	16.49*							
	-20 ft (-6.10 m)															
Boom 20'4"	25 ft (7.62 m)													4.43*	4.43*	30.81
Arm 12'4"	20 ft (6.10 m)													4.30*	4.30*	33.37
Bucket	15 ft (4.57 m)							8.99*	8.99*	6.73	8.33*			4.34*	4.34*	34.92
PCSA: 1.44 yd³	10 ft (3.05 m)					12.04*	12.04*	9.20	10.54*	6.51	9.80			4.53*	4.53*	35.61
Shoes: 24"	5 ft (1.52 m)					19.57	22.09*	12.51	15.40*	8.66	12.40*	6.23	9.50	4.43	4.88*	35.49
	0 ft (Ground)					18.17	26.74*	11.70	17.91	8.19	12.49	5.97	9.23	4.57	5.46*	34.56
	-5 ft (-1.52 m)	12.56*	12.56*	17.64	28.36	11.22	17.39	7.88	12.15	5.80	9.04			5.02	6.37*	32.73
	-10 ft (-3.05 m)	22.16*	22.16*	17.59	28.30	11.06	17.21	7.78	12.02	5.79	9.03			5.96	7.92*	29.81
	-15 ft (-4.57 m)	35.29*	35.29*	17.86	26.67	11.18	17.34	7.87	12.14					8.02	10.99*	25.36
	-20 ft (-6.10 m)	31.30*	31.30*	18.48	22.39	11.64	16.33*									

Notes: 1. Ratings are based on SAE J1097.

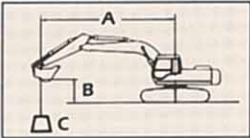
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3. The load point is a hook (not standard equipment) loaded on the back of the bucket.

4. *Indicates load limited by hydraulic capacity.

LIFTING CAPACITIES

ENGLISH MEASURE



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

EX270s

Rating over-side or 360 degrees Rating over-front Unit: 1 000 lb

Conditions	Load point height	Load radius										At max. reach		
		m										ft in (m)		
		10 ft (3.05 m)	15 ft (4.57 m)	20 ft (6.10 m)	25 ft (7.62 m)	30 ft (9.14 m)	35 ft (10.67 m)	40 ft (12.19 m)	45 ft (13.72 m)	50 ft (15.24 m)	55 ft (16.77 m)	60 ft (18.29 m)	65 ft (19.81 m)	70 ft (21.34 m)
Boom 20'4" Arm 7'10" Bucket PCSA: 1.44 yd³ Shoes: 31"	25 ft (7.62 m)													
	20 ft (6.10 m)					10.04	10.74*					7.50	8.93*	29.24
	15 ft (4.57 m)				12.52*	12.52*	9.80	11.35*				6.52	9.02*	31.01
	10 ft (3.05 m)				13.41	15.59*	9.36	12.78*				6.05	9.40*	31.77
	5 ft (1.52 m)				12.57	18.55*	8.92	14.35*	6.56	11.18		5.96	10.09*	31.60
	0 ft (Ground)				12.10	20.33*	8.61	14.71				6.26	10.76	30.48
	-5 ft (-1.52 m)			19.00	19.23*	11.97	20.75*	8.49	14.58			7.11	12.15	28.29
	-10 ft (-3.05 m)	26.64*	26.64*	19.29	23.36*	12.09	19.77*	8.61	14.71			9.05	11.93*	24.66
Boom 20'4" Arm 10'20" Bucket PCSA: 1.44 yd³ Shoes: 31"	25 ft (7.62 m)											5.48*	5.48*	28.81
	20 ft (6.10 m)					9.10*	9.10*					5.32*	5.32	31.55
	15 ft (4.57 m)					9.96	10.01*	6.99	8.09*			5.37*	5.37*	33.18
	10 ft (3.05 m)			19.32*	19.32*	13.74	13.87*	9.48	11.61*	6.79	10.58*	5.32	5.61*	33.88
	5 ft (1.52 m)			19.58	24.49*	12.79	17.14*	8.98	13.39*	6.54	11.18	5.23	6.06*	33.73
	0 ft (Ground)			18.85	20.88*	12.15	19.05*	8.58	14.70*	6.33	10.95	5.45	6.78*	32.69
	-5 ft (-1.52 m)	11.33*	11.33*	18.75	22.70*	11.87	20.55*	8.37	14.46	6.24	10.85	6.07	7.95*	30.68
	-10 ft (-3.05 m)	21.83*	21.83*	18.93	27.34*	11.87	20.27*	8.37	14.46			7.34	10.00*	27.44
Boom 20'4" Arm 12'4" Bucket PCSA: 1.44 yd³ Shoes: 31"	25 ft (7.62 m)											4.43*	4.43*	30.81
	20 ft (6.10 m)											4.30*	4.30*	33.37
	15 ft (4.57 m)					8.99*	8.99*	7.19	8.33*			4.34*	4.34*	34.92
	10 ft (3.05 m)				12.04*	12.04*	9.76	10.54*	6.97	9.83*		4.53*	4.53*	35.61
	5 ft (1.52 m)			20.68	22.09*	13.26	15.40*	9.23	12.40*	6.69	10.85*	4.81	4.88*	35.49
	0 ft (Ground)			19.28	26.74*	12.45	18.27*	8.76	14.13*	6.43	11.06	4.96	5.46*	34.56
	-5 ft (-1.52 m)	12.56*	12.56*	18.76	28.58*	11.98	20.05*	8.45	14.55	6.26	10.87	5.43	6.37*	32.73
	-10 ft (-3.05 m)	22.16*	22.16*	18.71	28.48*	11.82	20.58*	8.33	14.41	6.24	9.56*	6.42	7.92*	29.81
Boom 20'4" Arm 12'4" Bucket PCSA: 1.44 yd³ Shoes: 31"	-15 ft (-4.57 m)	35.29*	35.29*	18.97	26.67*	11.93	19.68*	8.44	14.54			8.58	10.99*	25.36
	-20 ft (-6.10 m)	31.30*	31.30*	19.60	22.39*	12.39	16.33*							

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.

SE STANDARD EQUIPMENT

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

ENGINE

- H/P mode control
- E mode control
- 50 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 protective 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
- Extra port for control valve
- Suction filter
- Full-flow filter
- Pilot filter

CAB

All-weather sound-suppressed steel cab equipped with reinforced, tinted (bronze color) glass windows, 6 fluid-filled elastic mounts, openable front windows-upper, and lower and left side windows with intermittent windshield retractable wipers, front window washer, adjustable reclining seat with adjustable armrests, footrest, electric double horn, auto-tuning radio with digital clock, auto-idle switch, seat belt, cigarette lighter, ashtray, parcel pocket, glove compartment, 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 and minimum fuel level.
- Pilot lamps:
Engine preheat, engine oil level, engine coolant level and hydraulic oil level.
- Alarm buzzers:
Engine oil pressure and engine overheat

LIGHTS

- 2 working lights

UPPERSTRUCTURE

- Undercover
- 5 700 kg (12 570 lb) counter-weight
- Fuel level float
- Hydraulic oil level gauge
- Tool box
- Utility space
- Rearview mirror right side (left side option)
- Swing parking brake

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
- 600 mm (24") triple grouser shoe.

FRONT ATTACHMENTS

- Bucket clearance adjust mechanism
- Centralized lubrication system
- Dirt seals on all bucket pins
- 3.10 m (10'2") arm
- 1.10 m³ (1.44 yd³: PCSA heaped) bucket

MISCELLANEOUS

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

OPTIONAL EQUIPMENT

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

- Air conditioner
- Suspension seat
- AM-FM radio
- Hose rupture valves
- Electric fuel refilling pump
- Swing motion alarm device with lamps
- Travel motion alarm device

- Additional pump
- Piping kit for extra valve port
- Additional valve with piping kit
- PTO valve with piping kit
- Auto-lubrication system
- Pre-cleaner
- Tropical cover

- Sun shad
- Front glass lower guard
- Reinforced undercover for upperstructure
- Full track guard
- Track center guard (extending over three lower rollers)
- Ripper bucket for ripping and loading hardpan
- One point ripper for ripping hardpan