

SPECIFICATIONS



ENGINE

Model.....	Cummins N14-C400
Type.....	4-cycle water-cooled, direct injection
Aspiration.....	Turbocharged
No. of cylinders.....	6
Rated flywheel horsepower	
DIN 6271, net.....	272 kW (370 PS) at 1 800 min ⁻¹ (rpm)
SAE J1349, net.....	269 kW (361 HP) at 1 800 min ⁻¹ (rpm)
Maximum flywheel horsepower	
DIN 6271, gross.....	294 kW (400 PS) at 2 100 min ⁻¹ (rpm)
SAE J1349, gross.....	298 kW (400 HP) at 2 100 min ⁻¹ (rpm)
Maximum torque.....	1 680 N·m (171 kgf·m, 1 240 lbf·ft) at 1 400 min ⁻¹ (rpm)
Piston displacement.....	14.00 L (854 in ³)
Bore and stroke.....	142 mm x 152 mm (5.6" x 6.0")
Batteries.....	2 x 12 V, 170 AH
Governor.....	Mechanical, speed control by stepping motor



HYDRAULIC SYSTEM

Hitachi's new E-P control (computer-aided Engine - Pump control system) designed for higher job efficiency with less fuel consumption/noise.

Main pumps	2 variable displacement axial piston pumps
Maximum oil flow	2 x 382 L/min (100.9 US gpm, 84.0 Imp gpm)
Pilot pump	1 gear pump
Maximum oil flow	30 L/min (7.9 US gpm, 6.6 Imp gpm)

Hydraulic Motors

Travel	2 axial piston motors with parking brake
Swing	2 axial piston motors

Relief Valve Settings

Implement circuit	29.9 MPa (305 kgf/cm ² , 4 340 psi)
Swing circuit	31.4 MPa (320 kgf/cm ² , 4 550 psi)
Travel circuit	34.3 MPa (350 kgf/cm ² , 4 980 psi)
Pilot circuit	3.9 MPa (40 kgf/cm ² , 570 psi)

Hydraulic Cylinders

Cylinder cushion mechanisms are provided for all cylinders to absorb shock when pistons reach their stroke ends.

Dimensions

	Qty	Bore	Rod diameter
Boom	2	180 mm (7.09")	125 mm (4.92")
Arm	1	200 mm (7.87")	140 mm (5.51")
Bucket	1	180 mm (7.09")	130 mm (5.12")

Hydraulic Filters

All hydraulic circuits use hydraulic filters. A suction filter is built in suction line, and 10 μm full-flow filters in return circuit and swing/travel motor drain lines.



CONTROLS

Pilot controls for all functions. Hitachi original shockless valve and quick warm-up system built in the pilot circuit. Multi rotary pilot control valve is optionally available for selection of control lever direction.

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 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 cushion valve built in swing motor absorbs shocks when stopping swing.

Swing speed8.0 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 and storable in the cab. Adjustable, reclining seat with armrests; movable with or without control levers and monitor panel.

* International Standard Organization

EX600H-5/EX600LCH-5's cab: wide 1 005 mm (40"), 1 820 mm (72") high.



UNDERCARRIAGE

Tracks

Tractor-type undercarriage. Welded track frame, using carefully selected materials for tough jobs. Side frame bolted to track frame. Lubricated track rollers, idlers, and sprockets with floating seals. Track shoes with triple grouser made of induction-hardened rolled alloy. 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	3	
Lower rollers	8	EX550-S/EX600H-S
	9	EX550LC-S/EX600LCH-S
Track shoes.....	49	EX550-S/EX600H-S
	52	EX550LC-S/EX600LCH-S
Track center guard	2	EX550-S/EX600H-S/ EX600LCH-S
	3	EX550LC-S
H-track center guard (dual type) .	1	EX600H-S/EX600LCH-S

Traction Device

Each track driven by axial piston motor through reduction gears 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.

Travel speeds High: 0 to 4.7 km/h (2.9 mph)
 Low: 0 to 3.2 km/h (2.0 mph)
 Maximum traction force 373 kN (38 000 kgf, 83 800 lbf)
 Gradeability 35° (70%) continuous

WEIGHTS AND GROUND PRESSURE

EX550-s:

Equipped with 7.6 m (24'11") boom, 3.5 m (11'6") arm, and 2.47 m³ (3.23 yd³; PCSA heaped) bucket.

EX550LC-s:

Equipped with 7.6 m (24'11") boom, 3.5 m (11'6") arm, and 2.72 m³ (3.56 yd³; PCSA heaped) bucket.

Shoe type	Shoe width	Operating weight	Ground pressure
Triple grouser	600 mm (24")	54 000 kg (119 000 lb)	95 kPa (0.97 kgf/cm², 13.8 psi)
		54 900 kg (121 000 lb)	90 kPa (0.92 kgf/cm², 13.0 psi)
	750 mm (30")	54 800 kg (121 000 lb)	77 kPa (0.79 kgf/cm², 11.2 psi)
		55 900 kg (123 200 lb)	74 kPa (0.75 kgf/cm², 10.6 psi)
	900 mm (35")	55 700 kg (122 800 lb)	66 kPa (0.67 kgf/cm², 9.53 psi)
		56 800 kg (125 200 lb)	62 kPa (0.63 kgf/cm², 8.96 psi)

Figures in are data on the EX550LC-s.

EX600H-s/EX600LC-s:

Equipped with 7.6 m (24'11") H-boom, 3.5 m (11'6") H-arm, and 2.47 m³ (3.23 yd³; PCSA heaped) rock bucket.

Shoe type	Shoe width	Operating weight	Ground pressure
Triple grouser	600 mm (24")	55 600 kg (122 600 lb)	98 kPa (1.00 kgf/cm², 14.2 psi)
		56 400 kg (124 300 lb)	92 kPa (0.94 kgf/cm², 13.3 psi)

Figures in are data on the EX600LC-s.

SERVICE REFILL CAPACITIES

	liters	US gal	Imp gal
Fuel tank	700.0	184.9	154.0
Engine coolant	70.0	18.5	15.4
Engine oil	44.0	11.6	9.7
Pump drive	5.0	1.3	1.1
Swing mechanism (each side)	13.0	3.4	2.9
Travel final device (each side)	14.0	3.7	3.1
Hydraulic system	580.0	153.2	127.6
Hydraulic tank	290.0	76.6	63.8

Buckets

Capacity		Width		No. of teeth	Weight	Recommendation											
						EX550-s				EX550LC-s				BE-front			
						7.6 m (24'11") boom				9.2 m (30'2") boom				EX600H-s			
PCSA heaped	CECE heaped	Without side cutters	With side cutters			2.9 m (9'6") arm	3.5 m (11'6") arm	4.1 m (13'5") arm	5.2 m (17'1") arm	5.2 m (17'1") arm	2.9 m (9'6") arm	3.5 m (11'6") arm	4.1 m (13'5") arm	5.2 m (17'1") arm	5.2 m (17'1") arm	3.5 m (11'6") H-arm	3.5 m (11'6") H-arm
1.35 m³ (1.76 yd³)	1.2 m³	1 080 mm (43")	1 220 mm (48")	5	1 470 kg (3 240 lb)	—	—	—	—	—	—	—	—	—	—	—	—
1.82 m³ (2.38 yd³)	1.6 m³	1 360 mm (54")	1 500 mm (59")	5	1 700 kg (3 750 lb)	—	—	—	—	—	—	—	—	—	—	—	—
2.00 m³ (2.62 yd³)	1.8 m³	1 290 mm (51")	1 430 mm (56")	5	1 900 kg (4 190 lb)	—	—	—	—	—	—	—	—	—	—	—	—
2.26 m³ (2.96 yd³)	2.0 m³	1 420 mm (56")	1 560 mm (61")	5	1 990 kg (4 390 lb)	—	—	—	—	—	—	—	—	—	—	—	—
2.47 m³ (3.23 yd³)	2.2 m³	1 530 mm (60")	1 670 mm (66")	5	2 070 kg (4 560 lb)	—	—	—	—	—	—	—	—	—	—	—	—
2.72 m³ (3.56 yd³)	2.4 m³	1 650 mm (65")	1 820 mm (72")	5	2 160 kg (4 760 lb)	—	—	—	—	—	—	—	—	—	—	—	—
*2.47 m³ (3.23 yd³)	2.2 m³	1 530 mm (60")	1 530 mm (60")	5	2 560 kg (5 640 lb)	—	—	—	—	—	—	—	—	—	—	—	—
3.39 m³ (4.43 yd³)	3.0 m³	1 800 mm (71")	1 940 mm (76")	5	2 660 kg (5 860 lb)	—	—	—	—	—	—	—	—	—	—	—	—
*3.00 m³ (3.92 yd³)	2.7 m³	1 590 mm (63")	1 610 mm (63")	5	2 820 kg (6 220 lb)	—	—	—	—	—	—	—	—	—	—	—	—

* Rock bucket

○ Suitable for materials with density of 2 000 kg/m³ (3 370 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

EX550-s/EX550LC-s with BE-front:

Equipped with 6.6 m (21'8") BE-boom, 2.9 m (9'6") BE-arm, and 3.39 m³ (4.43 yd³; PCSA heaped) bucket.

Shoe type	Shoe width	Operating weight	Ground pressure
Triple grouser	600 mm (24")	54 900 kg (121 000 lb)	97 kPa (0.99 kgf/cm², 14.1 psi)
		55 800 kg (123 000 lb)	91 kPa (0.93 kgf/cm², 13.1 psi)
	750 mm (30")	55 700 kg (122 800 lb)	78 kPa (0.80 kgf/cm², 11.4 psi)
		56 600 kg (124 800 lb)	75 kPa (0.76 kgf/cm², 10.8 psi)
	900 mm (35")	56 500 kg (124 600 lb)	67 kPa (0.68 kgf/cm², 9.67 psi)
		57 500 kg (126 800 lb)	63 kPa (0.64 kgf/cm², 9.10 psi)

Figures in are data on the EX550LC-s with BE-front.

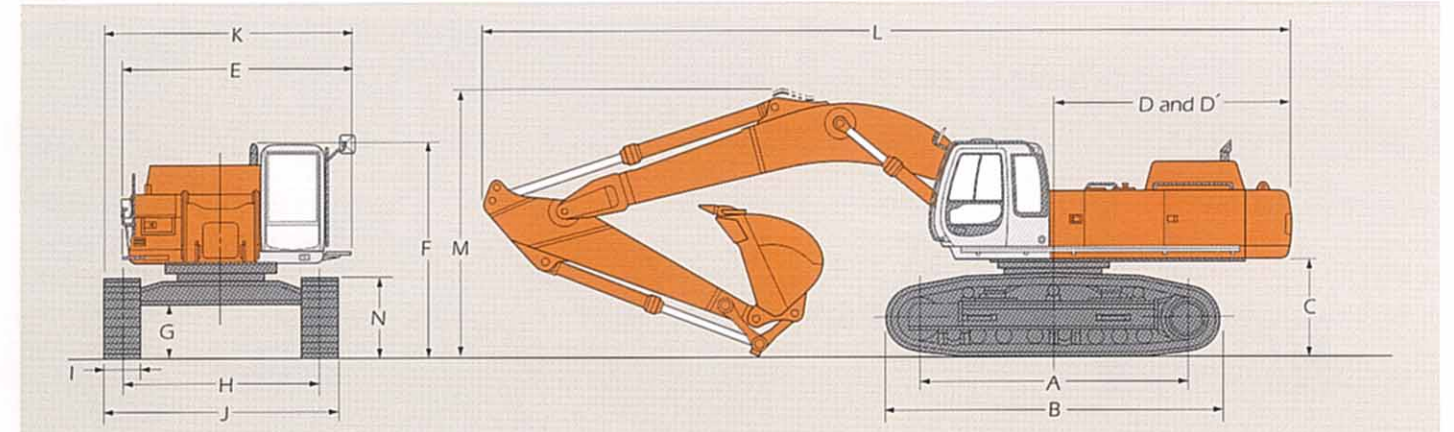
Note: Depending on the jobsite conditions, 750 mm (30") grouser shoe and 900 mm (35") grouser shoe may not be recommended for rock, hard surface or forestry application.

BACKHOE ATTACHMENTS

Boom and arms of all-welded, box-section design. 7.6 m (24'11") boom, 2.9 m (9'6"), 3.5 m (11'6"), 4.1 m (13'5") and 5.2 m (17'1") arms are available. Bucket is of all-welded, high-strength steel structure. Side clearance adjust mechanism provided on the bucket joint bracket.

EX550-s/EX550LC-s

DIMENSIONS



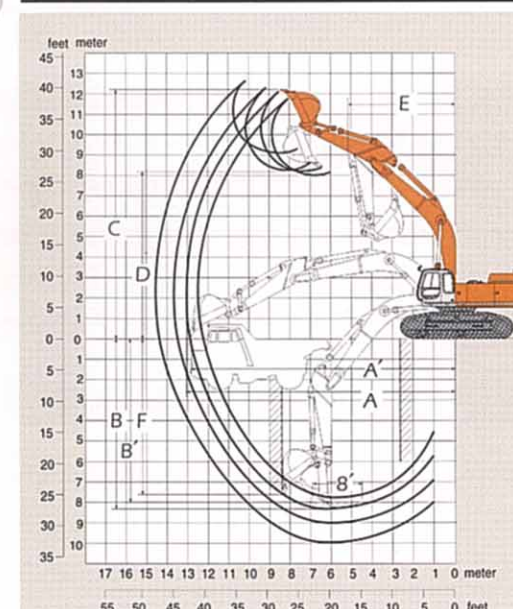
	EX550-s	EX550LC-s
A Distance between tumblers	4 250 mm (13'11")	4 600 mm (15'1")
B Undercarriage length	5 330 mm (17'6")	5 680 mm (18'8")
*C Counterweight clearance	1 450 mm (4'9")	1 450 mm (4'9")
D Rear-end swing radius	3 800 mm (12'6")	3 800 mm (12'6")
D' Rear-end length	3 800 mm (12'6")	3 800 mm (12'6")
E Overall width of upperstructure	3 690 mm (12'1")	3 690 mm (12'1")
F Overall height of muffler	3 390 mm (11'1") / **3 380 mm (11'1")	3 390 mm (11'1") / **3 380 mm (11'1")
*G Min. ground clearance	810 mm (2'8")	810 mm (2'8")
H Track gauge	3 200 mm (10'6")	3 200 mm (10'6")
I Track shoe width	G 600 mm (24")	G 750 mm (30")
J Undercarriage width		
Extended / Retracted	3 800 mm (12'6") / 3 300 mm (10'10")	3 950 mm (13'0") / 3 450 mm (11'4")
K Overall width	3 990 mm (13'1")	4 060 mm (13'4")
L Overall length		
With 2.9 m (9'6") arm	12 980 mm (42'7")	12 980 mm (42'7")
With 3.5 m (11'6") arm	12 900 mm (42'4")	12 900 mm (42'4")
With 4.1 m (13'5") arm	12 890 mm (42'3")	12 890 mm (42'3")
With 5.2 m (17'1") arm	12 590 mm (41'4")	12 590 mm (41'4")
With 9.2 m (30'2") boom and 5.2 m (17'1") arm	14 220 mm (46'8")	14 220 mm (46'8")
M Overall height of boom		
With 2.9 m (9'6") arm	4 440 mm (14'7")	4 440 mm (14'7")
With 3.5 m (11'6") arm	4 250 mm (13'11")	4 250 mm (13'11")
With 4.1 m (13'5") arm	4 470 mm (14'8")	4 470 mm (14'8")
With 5.2 m (17'1") arm	5 330 mm (17'6")	5 330 mm (17'6")
With 9.2 m (30'2") boom and 5.2 m (17'1") arm	5 330 mm (17'6")	5 330 mm (17'6")
N Track height	1 310 mm (4'4")	1 310 mm (4'4")

* Excluding track shoe lug.

** Overall height of cab.

G: Triple grouser shoe.

WORKING RANGES



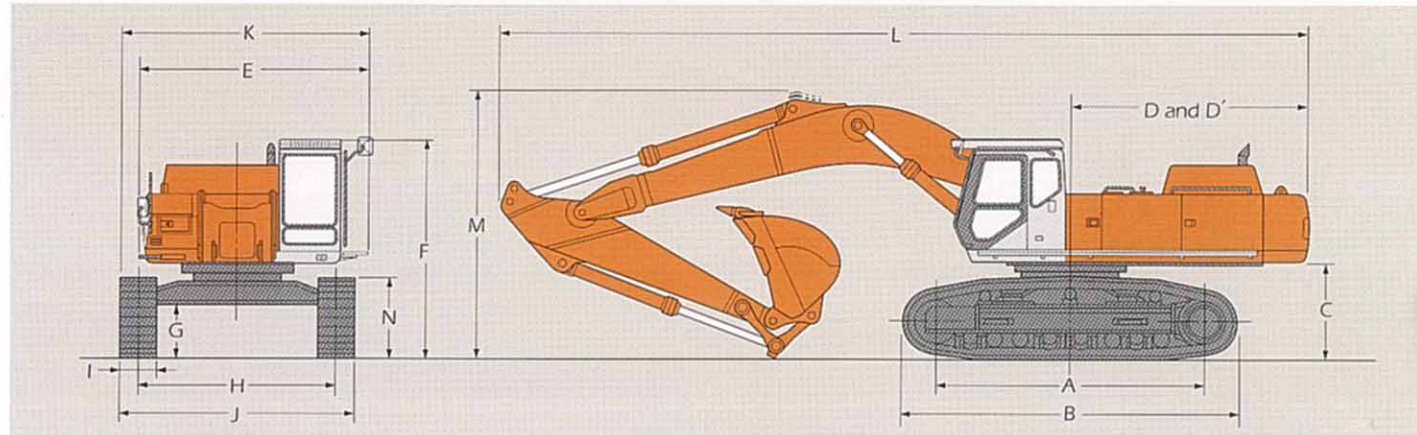
		EX550-s/EX550LC-s					
		7.6 m (24'11") boom				9.2 m (30'2") boom	
Arm length		2.9 m (9'6")	3.5 m (11'6")	4.1 m (13'5")	5.2 m (17'1")	5.2 m (17'1")	5.2 m (17'1")
		12 500 mm (41'0")	13 050 mm (42'10")	13 570 mm (44'6")	14 450 mm (47'5")	16 090 mm (52'9")	16 090 mm (52'9")
A	Max. digging reach	12 500 mm (41'0")	13 050 mm (42'10")	13 570 mm (44'6")	14 450 mm (47'5")	16 090 mm (52'9")	16 090 mm (52'9")
A'	Max. digging reach (on ground)	12 260 mm (40'3")	12 820 mm (42'1")	13 350 mm (43'10")	14 240 mm (46'9")	15 910 mm (52'2")	15 910 mm (52'2")
B	Max. digging depth	7 700 mm (25'3")	8 300 mm (27'3")	8 890 mm (29'2")	9 810 mm (32'2")	11 220 mm (36'10")	11 220 mm (36'10")
B'	Max. digging depth (8' level)	7 550 mm (24'9")	8 170 mm (26'10")	8 770 mm (28'9")	9 710 mm (31'10")	11 120 mm (36'6")	11 120 mm (36'6")
C	Max. cutting height	11 900 mm (39'1")	12 190 mm (40'0")	12 360 mm (40'7")	12 670 mm (41'7")	13 750 mm (45'1")	13 750 mm (45'1")
D	Max. dumping height	8 010 mm (26'3")	8 260 mm (27'1")	8 440 mm (27'8")	9 160 mm (30'1")	10 240 mm (33'7")	10 240 mm (33'7")
E	Min. swing radius	5 420 mm (17'9")	5 260 mm (17'3")	5 240 mm (17'2")	5 270 mm (17'3")	6 500 mm (21'4")	6 500 mm (21'4")
F	Max. vertical wall	6 800 mm (22'4")	7 530 mm (24'8")	8 110 mm (26'7")	8 900 mm (29'2")	10 260 mm (33'8")	10 260 mm (33'8")
Bucket digging force*	ISO	280 kN (28 600 kgf)	281 kN (28 700 kgf)	280 kN (28 600 kgf)	254 kN (25 900 kgf)	254 kN (25 900 kgf)	254 kN (25 900 kgf)
	SAE: PCSA	63 100 lbf	63 300 lbf	63 100 lbf	57 100 lbf	57 100 lbf	57 100 lbf
	ISO	250 kN (25 500 kgf)	251 kN (25 600 kgf)	251 kN (25 600 kgf)	224 kN (22 800 kgf)	224 kN (22 800 kgf)	224 kN (22 800 kgf)
	SAE: PCSA	56 200 lbf	56 400 lbf	56 400 lbf	50 300 lbf	50 300 lbf	50 300 lbf
Arm digging force*	ISO	266 kN (26 600 kgf)	216 kN (21 600 kgf)	216 kN (21 600 kgf)	194 kN (19 400 kgf)	173 kN (17 300 kgf)	173 kN (17 300 kgf)
	SAE: PCSA	59 800 lbf	48 500 lbf	48 500 lbf	43 700 lbf	38 800 lbf	38 800 lbf
	ISO	257 kN (25 700 kgf)	209 kN (20 900 kgf)	209 kN (20 900 kgf)	189 kN (18 900 kgf)	169 kN (16 900 kgf)	169 kN (16 900 kgf)
	SAE: PCSA	57 800 lbf	47 000 lbf	47 000 lbf	42 600 lbf	37 900 lbf	37 900 lbf

Excluding track shoe lug.

* At power boost

EX600H-s/EX600LCH-s

DIMENSIONS

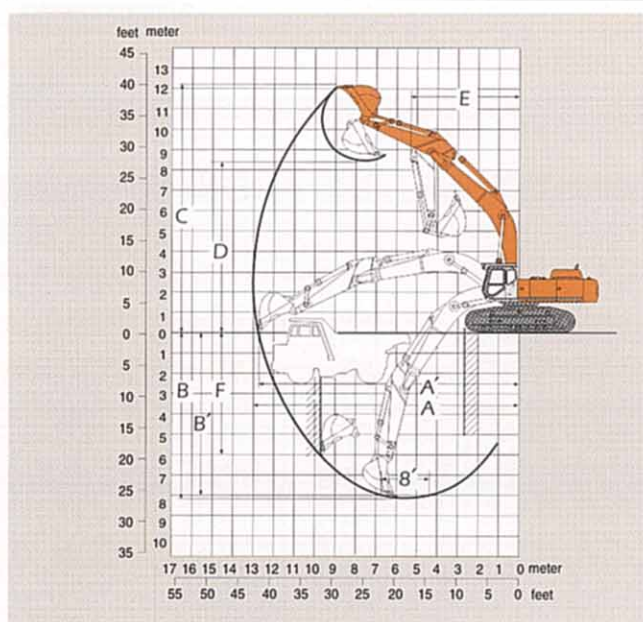


	EX600H-s	EX600LCH-s	EX600H-s	EX600LCH-s
	H-front		BE-front	
A Distance between tumblers	4 250 mm (13'11")	4 600 mm (15'1")	4 250 mm (13'11")	4 600 mm (15'1")
B Undercarriage length	5 330 mm (17'6")	5 680 mm (18'8")	5 330 mm (17'6")	5 680 mm (18'8")
*C Counterweight clearance	1 450 mm (4'9")	1 450 mm (4'9")	1 450 mm (4'9")	1 450 mm (4'9")
D Rear-end swing radius	3 800 mm (12'6")	3 800 mm (12'6")	3 800 mm (12'6")	3 800 mm (12'6")
D' Rear-end length	3 800 mm (12'6")	3 800 mm (12'6")	3 800 mm (12'6")	3 800 mm (12'6")
E Overall width of upperstructure	3 690 mm (12'1")	3 690 mm (12'1")	3 690 mm (12'1")	3 690 mm (12'1")
F Overall height of cab	3 540 mm (11'7")	3 540 mm (11'7")	3 500 mm (11'6")	3 500 mm (11'6")
*G Min. ground clearance	810 mm (2'8")	810 mm (2'8")	810 mm (2'8")	810 mm (2'8")
H Track gauge	3 200 mm (10'6")	3 200 mm (10'6")	3 200 mm (10'6")	3 200 mm (10'6")
I Track shoe width	G 600 mm (24")	G 600 mm (24")	G 600 mm (24")	G 600 mm (24")
J Undercarriage width	3 800 mm (12'6") / 3 300 mm (10'10")	3 800 mm (12'6") / 3 300 mm (10'10")	3 800 mm (12'6") / 3 300 mm (10'10")	3 800 mm (12'6") / 3 300 mm (10'10")
K Overall width	3 990 mm (13'1")	3 990 mm (13'1")	3 990 mm (13'1")	3 990 mm (13'1")
L Overall length	12 900 mm (42'4")	12 900 mm (42'4")	11 990 mm (39'4")	11 990 mm (39'4")
M Overall height of boom	4 250 mm (13'11")	4 250 mm (13'11")	4 770 mm (15'8")	4 770 mm (15'8")
N Track height	1 310 mm (4'4")	1 310 mm (4'4")	1 310 mm (4'4")	1 310 mm (4'4")

* Excluding track shoe lug.

G: Triple grouser shoe.

WORKING RANGES



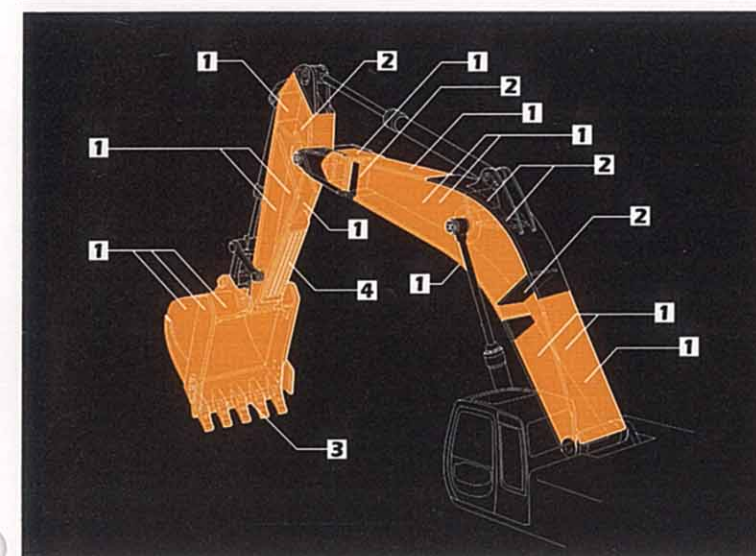
EX600H-s / EX600LCH-s			
Boom length		7.6 m (24'11") H-boom	6.6 m (21'8") BE-boom
Arm length		3.5 m (11'6") H-arm	2.9 m (9'6") BE-arm
A Max. digging reach		13 010 mm (42'8")	11 510 mm (37'9")
A' Max. digging reach (on ground)		12 770 mm (41'11")	11 240 mm (36'11")
B Max. digging depth		8 260 mm (27'1")	6 910 mm (22'8")
B' Max. digging depth (8' level)		8 120 mm (26'7")	6 760 mm (22'2")
C Max. cutting height		12 090 mm (39'8")	11 040 mm (36'3")
D Max. dumping height		8 310 mm (27'3")	7 200 mm (23'7")
E Min. swing radius		5 260 mm (17'3")	4 720 mm (15'6")
F Max. vertical wall		7 100 mm (23'4")	5 170 mm (17'0")
Bucket digging force*		288 kN	313 kN
		(29 400 kgf, 64 800 lbf)	(31 900 kgf, 70 300 lbf)
	ISO	261 kN	281 kN
	SAE: PCSA	(26 600 kgf, 58 700 lbf)	(28 700 kgf, 63 300 lbf)
Arm digging force*		218 kN	263 kN
		(22 200 kgf, 49 000 lbf)	(26 800 kgf, 59 100 lbf)
	ISO	214 kN	254 kN
	SAE: PCSA	(21 800 kgf, 48 100 lbf)	(25 900 kgf, 57 100 lbf)

Excluding track shoe lug.

* At power boost

EX550-s/EX550LC-s with BE-front

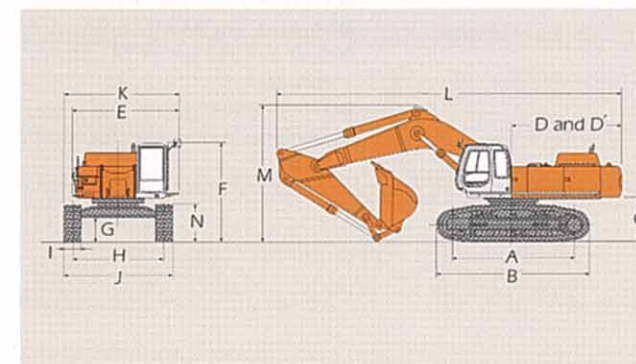
DIMENSIONS



- BE-boom 6.6 m (21'8")
- BE-arm 2.9 m (9'6")
- 3.39 m³ (4.43 yd³: PCSA heaped)

- 1 Increased plate thickness
- 2 Bulkheads
- 3 Cutting-edge shroud
- 4 Damage prevention plates and square bars

Show the reinforced portions of the standard model. (except 2)

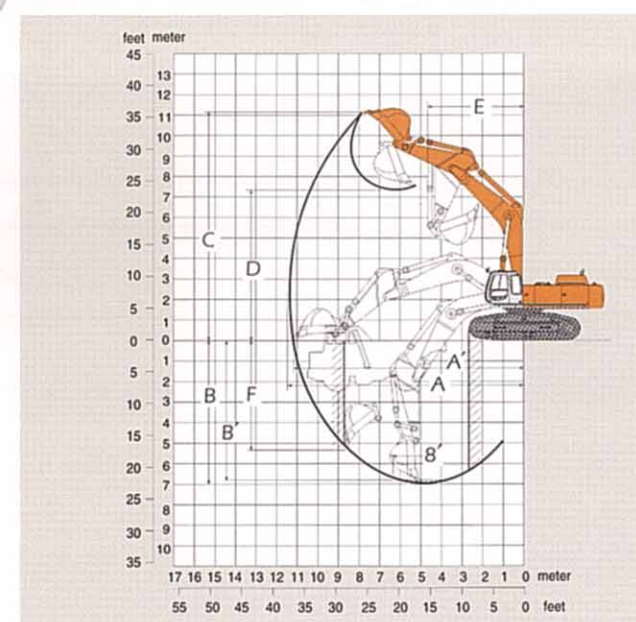


	EX550-s	EX550LC-s
A Distance between tumblers	4 250 mm (13'11")	4 600 mm (15'1")
B Undercarriage length	5 330 mm (17'6")	5 680 mm (18'8")
*C Counterweight clearance	1 450 mm (4'9")	1 450 mm (4'9")
D Rear-end swing radius	3 800 mm (12'6")	3 800 mm (12'6")
D' Rear-end length	3 800 mm (12'6")	3 800 mm (12'6")
E Overall width of upperstructure	3 690 mm (12'1")	3 690 mm (12'1")
F Overall height of cab	3 380 mm (11'1")	3 380 mm (11'1")
*G Min. ground clearance	810 mm (2'8")	810 mm (2'8")
H Track gauge	3 200 mm (10'6")	3 200 mm (10'6")
I Track shoe width	G 600 mm (24")	G 750 mm (30")
J Undercarriage width	3 800 mm (12'6") / 3 300 mm (10'10")	3 950 mm (13'0") / 3 450 mm (11'4")
K Overall width	3 990 mm (13'1")	3 990 mm (13'1")
L Overall length	11 990 mm (39'4")	11 990 mm (39'4")
M Overall height of boom	4 770 mm (15'8")	4 770 mm (15'8")
N Track height	1 310 mm (4'4")	1 310 mm (4'4")

* Excluding track shoe lug.

G: Triple grouser shoe.

WORKING RANGES



EX550-s / EX550LC-s		
Boom length		6.6 m (21'8") BE-boom
Arm length		2.9 m (9'6") BE-arm
A Max. digging reach		11 510 mm (37'9")
A' Max. digging reach (on ground)		11 240 mm (36'11")
B Max. digging depth		6 910 mm (22'8")
B' Max. digging depth (8' level)		6 760 mm (22'2")
C Max. cutting height		11 040 mm (36'3")
D Max. dumping height		7 200 mm (23'7")
E Min. swing radius		4 720 mm (15'6")
F Max. vertical wall		5 170 mm (17'0")
Bucket digging force*		313 kN
		(31 900 kgf, 70 300 lbf)
	ISO	281 kN
	SAE: PCSA	(28 700 kgf, 63 300 lbf)
Arm digging force*		263 kN
		(26 800 kgf, 59 100 lbf)
	ISO	254 kN
	SAE: PCSA	(25 900 kgf, 57 100 lbf)

Excluding track shoe lug.

* At power boost

STANDARD EQUIPMENT

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

ENGINE

- 75 A alternator
- Dry-type air filter with evacuator valve
- Cartridge-type engine oil filter
- Cartridge type engine oil bypass filter
- Cartridge type fuel filter
- Radiator and oil cooler with dust protective net
- Radiator reserve tank
- Fan guard
- Isolation-mounted engine
- Auto-idleing system

HYDRAULIC SYSTEM

- E-P control system
- OHS
- FPS
- Hydraulic warm-up control system for hydraulic oil
- Quick warm-up system for pilot circuit
- Shockless valve in pilot circuit
- Swing cushion valve in swing circuit
- Accumulator in pilot circuit
- 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, openable front windows-upper, with assist spring, and lower and both side windows with intermittent windshield wipers, front window washer, curved rear window, side mirror, adjustable suspension seat with armrests, footrest, electric double horn, auto-tuning radio with digital clock, auto-idle switch, seat belt, cigarette lighter, ashtray, parcel pocket, rear tray, floor mat, 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 and 1 cab light

UPPERSTRUCTURE

- Undercover
- 10 500 kg (23 200 lb) counterweight
- Fuel level gauge
- Hydraulic oil level gauge
- Tool box
- Utility space
- Rearview mirror
- 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 shoes

FRONT ATTACHMENTS

- Bucket clearance adjust mechanism
- Monolithically cast bucket link A
- Centralized lubrication system
- Dirt seals on all bucket pins
- 3.5 m (11'6") arm
- 2.47 m³ (3.23 yd³) PCSA heaped bucket: EX550-5
- 2.72 m³ (3.56 yd³) PCSA heaped bucket: EX550LC-5

MISCELLANEOUS

- Standard tool kit
- Lockable machine covers
- Fuel filling cap
- Skid-resistant tapes, left sidewalk and handrails

EX600H-5/EX600LCH-5 (Heavy-duty version)

- Headguard-integrated cab (FOPS)
- H-boom 7.6 m (24'11")
- H-arm 3.5 m (11'6")
- 2.47 m³ (3.23 yd³) PCSA heaped rock bucket
- H-track center guard (dual type)
- Reinforced undercover for upperstructure

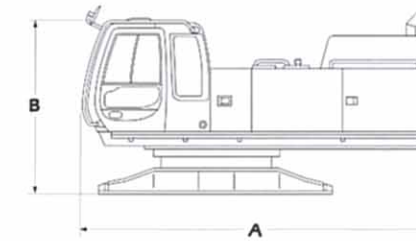
OPTIONAL EQUIPMENT

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

- 750 mm (30") triple grouser shoes
- 900 mm (35") triple grouser shoes
- H-track center guard (dual type)
- Full track guard
- Air conditioner (fresh air induction)
- Hot & cool box
- Electric grease gun with hose reel

- Hose rupture valve
- Swing alarm with lamps
- Travel alarm with cancel switch
- Ladder
- Electric fuel refilling pump
- Headguard-integrated cab (FOPS)
- H-boom 7.6 m (24'11")

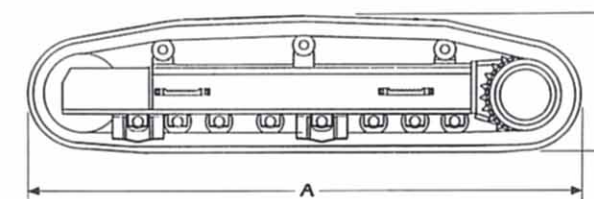
- H-arm 3.5 m (11'6")
- 2.47 m³ (3.23 yd³) PCSA heaped rock bucket
- H-track center guard (dual type)
- Reinforced undersover for upperstructure



Upperstructure

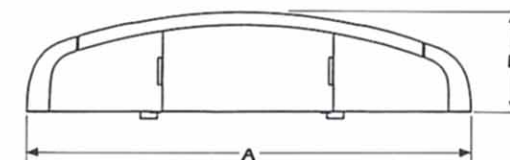
	A	B	Overall width	Weight
EX550-5	4 950 mm (16'3")	2 560 mm (8'5")	3 290 mm (10'10")	16 800 kg (37 000 lb)
EX550LC-5	5 000 mm (16'5")	2 700 mm (8'10")	3 290 mm (10'10")	17 100 kg (37 700 lb)

* With Headguard-integrated cab.



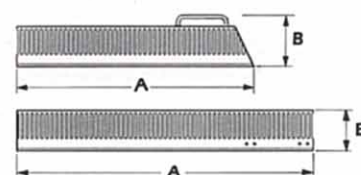
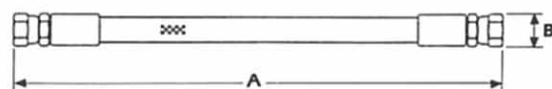
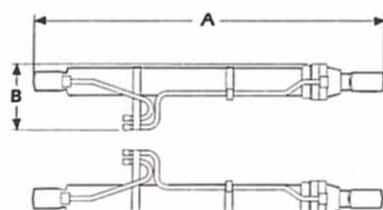
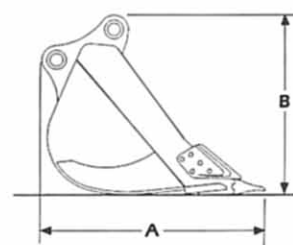
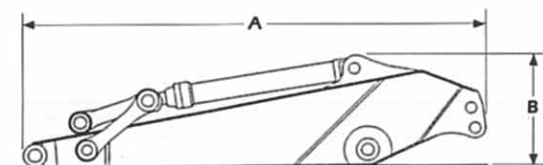
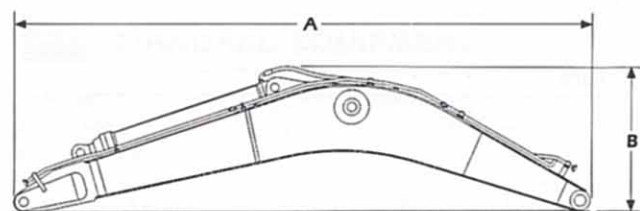
Side frame

	Shoe width	A	B	Overall width	Weight
EX550-5	600 mm (24")	5 330 mm (17'6")	1 310 mm (4'4")	720 mm (2'4")	7 600 kg (16 800 lb)
	750 mm (30")	5 330 mm (17'6")	1 310 mm (4'4")	750 mm (2'6")	8 000 kg (17 600 lb)
	900 mm (35")	5 330 mm (17'6")	1 310 mm (4'4")	900 mm (2'11")	8 370 kg (18 500 lb)
EX550LC-5	600 mm (24")	5 680 mm (18'8")	1 310 mm (4'4")	720 mm (2'4")	8 100 kg (17 900 lb)
	750 mm (30")	5 680 mm (18'8")	1 310 mm (4'4")	750 mm (2'6")	8 500 kg (18 700 lb)
	900 mm (35")	5 680 mm (18'8")	1 310 mm (4'4")	900 mm (2'11")	8 880 kg (19 600 lb)
EX600H-5	600 mm (24")	5 330 mm (17'6")	1 310 mm (4'4")	720 mm (2'4")	7 700 kg (17 000 lb)
EX600LCH-5	600 mm (24")	5 680 mm (18'8")	1 310 mm (4'4")	720 mm (2'4")	8 100 kg (17 900 lb)



Counterweight

A	B	Overall height	Weight
3 160 mm (10'4")	790 mm (2'7")	1 250 mm (4'1")	10 500 kg (23 200 lb)



Boom

	A	B	Overall width	Weight
6.6 m (21'8") BE-boom	6 880 mm (22'7")	2 320 mm (7'7")	1 180 mm (3'10")	5 250 kg (11 600 lb)
7.6 m (24'11") H-boom	7 880 mm (25'10")	2 020 mm (6'8")	1 180 mm (3'10")	5 250 kg (11 600 lb)
7.6 m (24'11") H-boom	7 880 mm (25'10")	2 020 mm (6'8")	1 180 mm (3'10")	5 600 kg (12 300 lb)
9.2 m (30'2")	9 480 mm (31'1")	2 070 mm (6'9")	1 180 mm (3'10")	6 240 kg (13 800 lb)

Arm

	A	B	Overall width	Weight
2.9 m (9'6") BE-arm	4 290 mm (14'1")	1 440 mm (4'9")	790 mm (2'7")	3 210 kg (7 080 lb)
2.9 m (9'6")	4 290 mm (14'1")	1 440 mm (4'9")	790 mm (2'7")	3 160 kg (6 970 lb)
3.5 m (11'6")	4 880 mm (16'0")	1 200 mm (3'11")	790 mm (2'7")	2 970 kg (6 550 lb)
3.5 m (11'6") H-arm	4 880 mm (16'0")	1 200 mm (3'11")	790 mm (2'7")	3 140 kg (6 920 lb)
4.1 m (13'5")	5 450 mm (17'11")	1 200 mm (3'11")	790 mm (2'7")	3 220 kg (7 100 lb)
5.2 m (17'1")	6 540 mm (21'5")	1 140 mm (3'9")	790 mm (2'7")	3 110 kg (6 860 lb)

Bucket

Capacity		A	B	Overall width	Weight
PCSA heaped	CECE heaped				
1.35 m³ (1.76 yd³)	1.2 m³	2 010 mm (6'7")	1 570 mm (5'2")	1 220 mm (4'8")	1 470 kg (3 240 lb)
1.82 m³ (2.38 yd³)	1.6 m³	2 010 mm (6'7")	1 570 mm (5'2")	1 500 mm (5'9")	1 700 kg (3 750 lb)
2.00 m³ (2.62 yd³)	1.8 m³	2 140 mm (7'0")	1 750 mm (5'9")	1 430 mm (5'6")	1 900 kg (4 190 lb)
2.26 m³ (2.96 yd³)	2.0 m³	2 140 mm (7'0")	1 750 mm (5'9")	1 560 mm (6'1")	1 990 kg (4 390 lb)
2.47 m³ (3.23 yd³)	2.2 m³	2 140 mm (7'0")	1 750 mm (5'9")	1 670 mm (6'6")	2 070 kg (4 560 lb)
2.72 m³ (3.56 yd³)	2.4 m³	2 140 mm (7'0")	1 750 mm (5'9")	1 820 mm (7'2")	2 160 kg (4 760 lb)
*2.47 m³ (3.23 yd³)	2.2 m³	2 170 mm (7'1")	1 750 mm (5'9")	1 530 mm (6'0")	2 560 kg (5 640 lb)
3.39 m³ (4.43 yd³)	3.0 m³	2 160 mm (7'1")	1 840 mm (6'0")	1 940 mm (7'6")	2 660 kg (5 860 lb)
*3.00 m³ (3.92 yd³)	2.7 m³	2 240 mm (7'4")	1 900 mm (6'3")	1 610 mm (6'3")	2 820 kg (6 220 lb)

* Rock bucket

Boom cylinders

520 kg (1 150 lb) x 2

A	B	Overall height
2 660 mm (8'9")	520 mm (1'8")	360 mm (1'2")

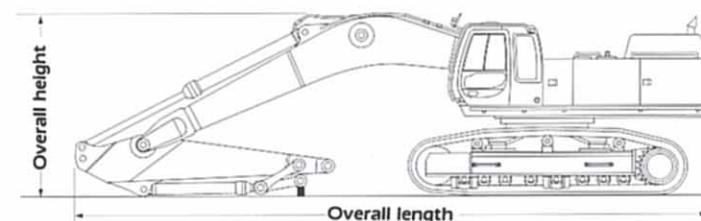
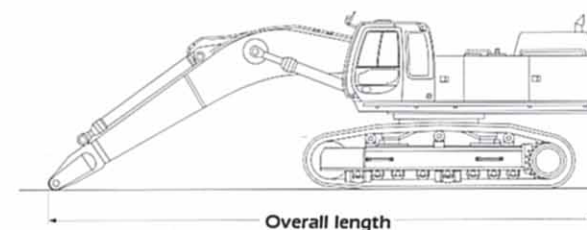
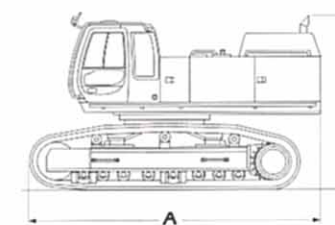
Hose of Boom cylinders

3 kg (7 lb) x 4

A	B	Overall height
1 120 mm (3'8")	90 mm (3.5")	90 mm (3.5")

Left sidewalk

	A	B	Overall height	Weight
Front	1 920 mm (6'4")	430 mm (1'5")	130 mm (5.1")	20 kg (44 lb)
Reverse	2 410 mm (7'11")	340 mm (1'1")	130 mm (5.1")	20 kg (44 lb)



Basic machine (without counterweight)

	Shoe width	A	B	Overall width	Weight
EX550-5	600 mm (24")	5 730 mm (18'10")	3 390 mm (11'1")	3 390 mm (11'1")	32 000 kg (70 500 lb)
	750 mm (30")	5 730 mm (18'10")	3 390 mm (11'1")	3 450 mm (11'4")	32 800 kg (72 300 lb)
	900 mm (35")	5 730 mm (18'10")	3 390 mm (11'1")	3 600 mm (11'10")	33 500 kg (73 900 lb)
EX550LC-5	600 mm (24")	5 900 mm (19'4")	3 390 mm (11'1")	3 390 mm (11'1")	33 000 kg (72 800 lb)
	750 mm (30")	5 900 mm (19'4")	3 390 mm (11'1")	3 450 mm (11'4")	33 800 kg (74 500 lb)
	900 mm (35")	5 900 mm (19'4")	3 390 mm (11'1")	3 600 mm (11'10")	34 600 kg (76 300 lb)
EX600H-5	600 mm (24")	5 730 mm (18'10")	3 540 mm* (11'7")	3 390 mm (11'1")	32 500 kg (71 700 lb)
EX600LCH-5	600 mm (24")	5 900 mm (19'4")	3 540 mm* (11'7")	3 390 mm (11'1")	33 300 kg (73 400 lb)

* Overall height of Headguard-integrated cab.

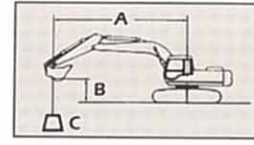
Basic machine (with boom)

	Boom length	Overall length
EX550(LC)-5	7.6 m (24'11")	10 630 mm (34'11")
EX600(LC)H-5	7.6 m (24'11") H-boom	10 630 mm (34'11")
EX550-5 EX550LC-5	6.6 m (21'8") BE-boom	9 570 mm (31'5")

Basic machine (with boom and arm)

	Front	Overall height	Overall length
EX550(LC)-5	7.6 m (24'11") boom & 3.5 m (11'6") arm	3 600 mm (11'10")	11 980 mm (39'4")
EX600(LC)H-5	7.6 m (24'11") H-boom & 3.5 m (11'6") H-arm	3 600 mm (11'10")	11 980 mm (39'4")

LIFTING CAPACITIES



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

METRIC MEASURE

EX550-5

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

Conditions	Load point height	Load radius														At max. reach				
		4 m		6 m		7 m		8 m		9 m		10 m		12 m				@ m		
Boom 7.6 m Arm 2.9 m Bucket PCSA 2.72 m' Shoes 600 mm	9 m							*8.33	*8.33							*7.17	*7.17	9.97		
	8 m							*8.73	*8.73							7.56	*7.63	10.6		
	6 m					*10.2	*10.2	*9.33	*9.33	8.66	*8.72					5.34	*6.97	11.5		
	4 m					*11.0	*11.0	*10.0	*10.0	8.66	*9.39					5.34	*7.43	11.9		
	2 m					*12.1	*12.1	10.1	*10.5	8.17	*9.44	6.68	*8.66			4.76	6.77	11.9		
	0 (Ground)					12.6	*13.0	10.1	*11.3	8.17	*10.2	6.68	9.28			4.76	6.77	11.9		
	-2 m					11.5	*13.9	9.29	*11.8	7.64	*10.3	6.33	8.91			4.59	6.60	11.9		
	-4 m					11.5	*15.0	9.29	*12.7	7.64	10.7	6.33	8.91			4.59	6.60	11.9		
	-6 m					10.9	*14.7	8.79	*12.4	7.25	10.3	6.07	8.63			4.82	6.93	11.5		
	-8 m					10.9	15.4	8.79	12.4	7.25	10.3	6.07	8.63			4.82	6.93	11.5		
Boom 7.6 m Arm 3.5 m Bucket PCSA 2.47 m' Shoes 600 mm	8 m									*8.00	*8.00					*4.14	*4.14	11.2		
	6 m							*8.89	*8.89	*8.34	*8.34	7.29	*7.97			*4.46	*4.46	12.1		
	4 m							*9.55	*9.55	*8.98	*8.98	7.29	*8.60			*4.43	*4.43	12.4		
	2 m					*13.8	*13.8	*11.7	*11.7	*10.2	8.53	*9.21	6.99	*8.46			*4.28	*4.28	12.4	
	0 (Ground)					*14.8	*14.8	*12.5	*12.5	10.5	*11.0	8.53	*9.91	6.99	*9.13			4.52	*4.60	12.0
	-2 m					15.2	*16.9	12.0	*13.7	9.71	*11.7	7.97	*10.2	6.61	*9.11			4.37	*4.63	11.2
	-4 m					15.2	*18.1	12.0	*14.7	9.71	*12.5	7.97	*11.0	6.61	9.19			4.37	*4.98	9.87
	-6 m					14.3	*18.0	11.3	*14.9	9.13	*12.6	7.54	10.5	6.30	8.86			4.55	*5.24	
	-8 m					14.3	*19.3	11.3	15.8	9.13	12.8	7.54	10.5	6.30	8.86			4.55	*5.61	
	-10 m					*11.3	*11.3	14.1	*17.4	11.0	*14.7	8.87	12.5	7.33	10.3	6.16	8.71	5.18	*6.26	
Boom 7.6 m Arm 4.1 m Bucket PCSA 2.00 m' Shoes 600 mm	8 m									*7.30	*7.30					*3.44	*3.44	11.3		
	6 m									*7.86	*7.86					*3.73	*3.73	11.8		
	4 m									*8.31	*8.31					*3.65	*3.65	12.6		
	2 m					*12.6	*12.6	*10.8	*10.8	*9.56	*9.56	8.65	*8.65	7.07	*7.97			*3.35	*3.35	13.0
	0 (Ground)					*13.5	*13.5	*11.6	*11.6	*10.3	*10.3	8.65	*9.32	7.07	*8.61			*3.64	*3.64	13.0
	-2 m					15.5	*16.0	12.2	*13.1	9.82	*11.1	8.04	*9.74	6.64	*8.72			*3.50	*3.50	12.6
	-4 m					15.5	*17.1	12.2	*14.0	9.82	*11.9	8.04	*10.5	6.64	9.23			*3.79	*3.79	11.8
	-6 m					14.4	*17.7	11.3	*14.5	9.15	*12.2	7.53	10.5	6.27	8.84			*3.81	*3.81	10.5
	-8 m					14.4	*18.9	11.3	*15.6	9.15	12.8	7.53	10.5	6.27	8.84			3.99	*4.12	
	-10 m					*12.0	*12.0	14.0	*17.6	10.9	*14.7	8.79	12.4	7.24	10.2	6.06	8.62	4.12	*4.34	
Boom 7.6 m Arm 5.2 m Bucket PCSA 1.82 m' Shoes 600 mm	10 m															*3.16	*3.16	11.7		
	8 m															*3.43	*3.43	12.8		
	6 m															*2.99	*2.99	13.5		
	4 m															*3.25	*3.25	13.8		
	2 m															*2.97	*2.97	13.5		
	0 (Ground)															*3.23	*3.23	13.8		
	-2 m															*3.08	*3.08	13.8		
	-4 m															*3.32	*3.32	13.5		
	-6 m															*3.60	*3.60	12.8		
	-8 m															*3.73	*3.73	11.7		

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.

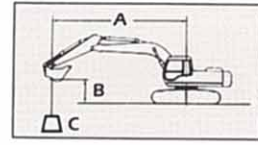
METRIC MEASURE

EX550LC-5

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

Conditions	Load point height	Load radius												At max. reach				
		4 m		6 m		7 m		8 m		9 m		10 m		12 m		At max. reach		
																@ m		
Boom 7.6 m Arm 2.9 m Bucket PCSA 2.72 m ³ Shoes 750 mm	9 m							*8.33	*8.33						*7.10	*7.10	9.97	
								*8.74	*8.74						*7.56	*7.56		
	8 m							*8.77	*8.77						6.74	*6.95	10.6	
								*9.43	*9.43						6.74	*7.40		
	6 m					*10.2	*10.2	*9.26	*9.26	*8.65	*8.65				5.51	*6.91	11.5	
						*10.9	*10.9	*9.96	*9.96	8.92	*9.32				5.51	*7.36		
	4 m					*12.1	*12.1	10.4	*10.5	8.43	*9.36	6.90	*8.59		4.92	*7.14	11.9	
						*13.0	*13.0	10.4	*11.3	8.43	*10.1	6.90	*9.28		4.92	*7.61		
	2 m					11.9	*13.9	9.61	*11.7	7.90	*10.2	6.55	*9.07		4.76	*7.42	11.9	
						11.9	*14.9	9.61	*12.6	7.90	*11.0	6.55	*9.80		4.76	*7.74		
0 (Ground)					11.2	*14.6	9.10	*12.3	7.51	*10.6	6.29	*9.28		5.00	*7.43	11.5		
					11.2	*15.7	9.10	*13.3	7.51	*11.5	6.29	*10.0		5.00	*8.07			
-2 m			14.3	*16.3	11.1	*14.0	8.93	*12.0	7.38	*10.3	6.23	*8.72		5.80	*7.22	10.6		
			14.3	*17.5	11.1	*15.1	8.93	*12.9	7.38	*11.1	6.23	*9.45		5.80	*7.86			
-4 m		*16.5	*16.5	*13.9	*13.9	11.3	*12.0	9.10	*10.3	7.59	*8.40			*6.29	*6.29	9.12		
		*17.8	*17.8	14.6	*14.9	11.3	*13.0	9.10	*11.1	7.59	*9.12			*6.89	*6.89			
-6 m				*9.04	*9.04	*7.40	*7.40											
				*9.85	*9.85	*8.10	*8.10											
Boom 7.6 m Arm 3.5 m Bucket PCSA 2.72 m ³ Shoes 750 mm	8 m									*7.95	*7.95				*4.08	*4.08	11.2	
										*8.46	*8.46				*4.39	*4.39		
	6 m							*8.83	*8.83	*8.28	*8.28	7.52	*7.91		*4.05	*4.05	12.1	
								*9.48	*9.48	*8.91	*8.91	7.52	*8.54		*4.37	*4.37		
	4 m			*13.8	*13.8	*11.6	*11.6	*10.2	*10.2	8.80	*9.14	7.22	*8.40		*4.21	*4.21	12.4	
				*14.7	*14.7	*12.4	*12.4	10.8	*10.9	8.80	*9.85	7.22	*9.06		*4.54	*4.54		
	2 m			15.7	*16.8	12.4	*13.7	10.0	*11.6	8.24	*10.1	6.84	*9.04		4.53	*4.57	12.4	
				15.7	*18.0	12.4	*14.7	10.0	*12.5	8.24	*10.9	6.84	*9.76		4.53	*4.91		
	0 (Ground)			14.8	*18.0	11.7	*14.8	9.45	*12.5	7.80	*10.8	6.53	*9.46		4.72	*5.18	12.0	
				14.8	*19.2	11.7	*15.9	9.45	*13.4	7.80	*11.6	6.53	*10.2		4.72	*5.55		
-2 m		*11.2	*11.2	14.6	*17.3	11.4	*14.6	9.19	*12.5	7.59	*10.7	6.38	*9.26		5.37	*6.20	11.2	
		*11.9	*11.9	14.6	*18.6	11.4	*15.7	9.19	*13.4	7.59	*11.6	6.38	*10.0		5.37	*6.62		
-4 m		*19.9	*19.9	14.8	*15.3	11.5	*13.1	9.24	*11.2	7.66	*9.50			*6.62	*6.62	9.87		
		*21.3	*21.3	14.8	*16.4	11.5	*14.1	9.24	*12.1	7.66	*10.3			*6.89	*7.21			
-6 m		*14.1	*14.1	*11.3	*11.3	*9.59	*9.59	*7.63	*7.63									
		*15.2	*15.2	*12.2	*12.2	*10.4	*10.4	*8.31	*8.31									
Boom 7.6 m Arm 4.1 m Bucket PCSA 2.26 m ³ Shoes 750 mm	9 m									*6.24	*6.24				*3.37	*3.37	11.3	
										*6.67	*6.67				*3.66	*3.66		
	8 m									*7.22	*7.22	*5.17	*5.17		*3.29	*3.29	11.8	
										*7.79	*7.79	*5.55	*5.55		*3.58	*3.58		
	6 m									*7.63	*7.63	*7.30	*7.30		*3.28	*3.28	12.6	
										*8.23	*8.23	7.65	*7.89		*3.57	*3.57		
	4 m			*12.6	*12.6	*10.7	*10.7	*9.49	*9.49	*8.58	*8.58	7.29	*7.90		*3.43	*3.43	13.0	
				*13.5	*13.5	*11.5	*11.5	*10.2	*10.2	8.91	*9.25	7.29	*8.54		*3.72	*3.72		
	2 m			*15.9	*15.9	12.6	*13.0	10.1	*11.0	8.30	*9.67	6.86	*8.65		*3.74	*3.74	13.0	
				16.0	*17.0	12.6	*13.9	10.1	*11.9	8.30	*10.4	6.86	*9.35		*4.05	*4.05		
0 (Ground)			14.9	*17.6	11.7	*14.4	9.46	*12.2	7.80	*10.5	6.50	*9.22		*4.27	*4.27	12.6		
			14.9	*18.9	11.7	*15.5	9.46	*13.1	7.79	*11.3	6.50	*9.96		4.28	*4.60			
-2 m		*11.9	*11.9	14.5	*17.6	11.3	*14.7	9.10	*12.4	7.51	*10.7	6.28	*9.28		4.80	*5.15	11.8	
		*12.6	*12.6	14.5	*18.8	11.3	*15.8	9.10	*13.4	7.51	*11.5	6.28	*10.0		4.80	*5.52		
-4 m		*22.1	*22.1	14.6	*16.0	11.3	*13.6	9.06	*11.6	7.48	*9.91	6.31	*8.33		6.01	*6.51	10.5	
		*23.7	*23.7	14.6	*17.2	11.3	*14.6	9.06	*12.5	7.48	*10.7	6.31	*9.03		6.01	*7.10		
-6 m		*16.8	*16.8	*12.7	*12.7	*10.8	*10.8	*9.02	*9.02					*5.20	*5.20	8.48		
		*18.1	*18.1	*13.7	*13.7	11.6	*11.7	9.37	*9.79					*5.74	*5.74			
-7 m				*9.93	*9.93	*8.23	*8.23											
				*10.8	*10.8	*8.97	*8.97											
Boom 7.6 m Arm 5.2 m Bucket PCSA 1.82 m ³ Shoes 750 mm	10 m											*4.26	*4.26		*3.16	*3.16	11.7	
												*4.58	*4.58		*3.43	*3.43		
	8 m											*6.26	*6.26		*2.99	*2.99	12.8	
												*6.69	*6.69		*3.25	*3.25		
	6 m											*6.80	*6.80		*2.97	*2.97	13.5	
												*7.33	*7.33	*5.10	*5.10	*3.23	*3.23	
	4 m							*8.80	*8.80	*8.10	*8.10	*7.55	*7.55	5.48	*6.39	*3.08	*3.08	13.8
								*9.44	*9.44	*8.71	*8.71	7.91	*8.14	5.48	*6.83	*3.34	*3.34	
	2 m			*14.6	*14.6	*12.2	*12.2	*10.6	*10.6	8.92	*9.37	7.42	*8.47	5.24	*7.22	*3.32	*3.32	13.8
				*15.7	*15.7	*13.0	*13.0	10.9	*11.3	8.92	*10.1	7.42	*9.13	5.24	*7.81	*3.60	*3.60	
0 (Ground)			15.7	*17.3	12.4	*14.2	10.1	*12.0	8.32	*10.5	6.97	*9.27	5.01	*7.56	*3.73	*3.73	13.5	
			15.7	*18.5	12.4	*15.2	10.1	*12.9	8.32	*11.2	6.97	*9.99	5.01	*7.95	4.02	*4.03		
-2 m		*11.8	*11.8	14.9	*18.1	11.7	*15.1	9.54	*12.8	7.91	*11.0	6.66	*9.67	4.87	*7.54	4.38	*4.39	12.8
		*12.5	*12.5	14.9	*19.4	11.7	*16.1	9.54	*13.7	7.91	*11.9	6.66	*10.4	4.87	7.79	4.38	*4.72	
-4 m		*18.9	*18.9	14.8	*17.5	11.5	*14.7	9.34	*12.5	7.75	*10.8	6.55	*9.36		5.19	*5.52	11.7	
		*20.0	*20.0	14.8	*18.7	11.5	*15.8	9.34	*13.5	7.75	*11.6	6.55	*10.1		5.19	*5.90		
-6 m		*21.5	*21.5	15.0	*15.2	11.7	*12.9	9.45	*11.0	7.87	*9.29	6.72	*7.58		*6.11	*6.11	10.0	
		*23.1	*23.1	15.0	*16.3	11.7	*13.9	9.45	*11.8	7.87	*10.0	6.72	*8.22		*6.67	*6.67		
-8 m				*10.4	*10.4	*8.61	*8.61	*6.63	*6.63									
				*11.7	*11.7	*9.35	*9.35	*7.26	*7.26									

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.



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

METRIC MEASURE

EX550-5 / EX550LC-5 with BE-front

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

Conditions	Load point height	Load radius												At max. reach	
		4 m		6 m		7 m		8 m		9 m		10 m		12 m	
		Side	Front	Side	Front	Side	Front	Side	Front	Side	Front	Side	Front	Side	Front
EX550-5 Boom 6.6 m BE-boom Arm 2.9 m BE-arm Bucket PCSA 3.39 m ³ Shoes 600 mm	8 m					*9.93	*9.93							*5.99	*5.99
	6 m					*10.6	*10.6							*6.42	*6.42
	4 m					*10.3	*10.3	*9.69	*9.69					*5.90	*5.90
	2 m					*11.0	*11.0	*10.4	*10.4					*6.32	*6.32
	0 (Ground)					*13.8	*13.8	*11.9	*11.9	10.3	*10.6	8.23	*9.72	5.62	*6.13
	-2 m					*14.8	*14.8	*12.8	*12.8	10.3	*11.4	8.23	*10.5	5.62	*6.56
	-4 m					15.6	*16.7	12.1	*13.8	9.64	*11.8	7.79	*10.4	5.41	*6.68
	-6 m					15.6	*17.9	12.1	*14.8	9.64	*12.7	7.79	*10.9	5.41	*7.15
	-8 m					14.6	*17.9	11.4	*14.8	9.12	*12.5	7.45	*10.5	5.76	*7.70
	-10 m					14.6	*19.2	11.4	*15.8	9.12	*12.8	7.45	*10.5	5.76	*8.20
EX550LC-5 Boom 6.6 m BE-boom Arm 2.9 m BE-arm Bucket PCSA 3.39 m ³ Shoes 750 mm	8 m					*9.93	*9.93							*5.99	*5.99
	6 m					*10.6	*10.6							*6.42	*6.42
	4 m					*10.3	*10.3	*9.69	*9.69					*5.90	*5.90
	2 m					*11.0	*11.0	*10.4	*10.4					*6.32	*6.32
	0 (Ground)					*13.8	*13.8	*11.9	*11.9	10.6	*10.6	8.55	*9.72	5.87	*6.13
	-2 m					*14.8	*14.8	*12.8	*12.8	10.7	*11.4	8.55	*10.5	5.87	*6.56
	-4 m					16.1	*16.7	12.5	*13.8	10.0	*11.8	8.11	*10.4	5.67	*6.68
	-6 m					16.1	*17.9	12.5	*14.8	10.0	*12.7	8.11	*11.2	5.67	*7.15
	-8 m					15.2	*17.9	11.8	*14.8	9.50	*12.5	7.77	*10.7	6.03	*7.70
	-10 m					15.2	*19.2	11.8	*15.8	9.50	*13.4	7.77	*11.5	6.03	*8.21

EX600H-5

Unit: 1 000 kg

Conditions	Load point height	Load radius												At max. reach	
		4 m		6 m		7 m		8 m		9 m		10 m		12 m	
		Side	Front	Side	Front	Side	Front	Side	Front	Side	Front	Side	Front	Side	Front
EX600H-5 Boom 7.6 m H-boom Arm 3.5 m H-arm Bucket PCSA 2.47 m ³ Rock bucket Shoes 600 mm	8 m									*7.37	*7.37			*3.65	*3.65
	6 m									*8.29	*8.29			*3.96	*3.96
	4 m									*8.95	*8.95			*3.64	*3.64
	2 m									*9.67	*9.67			*3.96	*3.96
	0 (Ground)									*10.4	*10.4			*4.00	*4.13
	-2 m									*13.4	*13.4			*3.81	*3.81
	-4 m									*14.4	*14.4			*4.00	*4.13
	-6 m									14.5	*16.4			3.86	*4.17
	-8 m									14.1	*17.6			3.86	*4.51
	-10 m									13.7	*17.3			4.06	*4.79

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.

ENGLISH MEASURE

EX550LC-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		15 ft		20 ft		25 ft		30 ft		35 ft		40 ft	
		Side	Front	Side	Front	Side	Front	Side	Front	Side	Front	Side	Front	Side	Front
EX550LC-5 Boom 24'11" (7.6 m) Arm 9'6" (2.9 m) Bucket PCSA 3.56 yd ³ (2.72 m ³) Shoes 30" (750 mm)	20 ft							*21.0	*21.0	*18.9	*18.9			12.2	*15.2
	15 ft							*22.5	*22.5	19.1	*20.4			11.1	*15.5
	10 ft							*23.3	*23.3	18.4	*19.9			11.1	*16.6
	5 ft							*25.0	*25.0	18.4	*21.4			10.6	*16.2
	0 (Ground)							23.9	*25.9	17.5	*21.2	13.1	*18.4	10.6	*17.1
	-5 ft							23.9	*27.8	17.5	*22.9	13.1	*19.9	10.5	*16.4
	-10 ft							22.5	*28.0	16.7	*24.1	12.7	*20.3	10.5	*17.1
	-15 ft							21.7	*28.9	16.1	*23.0	12.4	*18.7	11.0	*16.4
	-20 ft							21.7	*31.1	16.1	*24.8	12.4	*20.0	11.0	*17.8
	-25 ft							30.7	*36.3	21.3	*28.5	15.9	*22.6	12.2	*16.1
EX550LC-5 Boom 24'11" (7.6 m) Arm 11'6" (3.5 m) Bucket PCSA 3.56 yd ³ (2.72 m ³) Shoes 30" (750 mm)	25 ft									*17.6	*17.6			*8.94	*8.94
	20 ft									*18.9	*18.9			*9.64	*9.64
	15 ft									*19.4	*19.4			*9.63	*9.63
	10 ft									*27.7	*27.7			*9.15	*9.15
	5 ft									*29.7	*29.7			*9.86	*9.86
	0 (Ground)									*33.2	*33.2			*9.61	*9.61
	-5 ft									*35.5	*35.5			10.1	*10.3
	-10 ft									33.1	*37.3			10.0	*10.3
	-15 ft									33.1	*39.9			10.0	*11.1
	-20 ft									31.9	*38.8			10.4	*11.4

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.

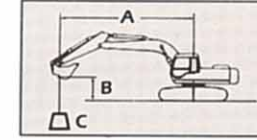
ENGLISH MEASURE

EX550LC-s

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

Conditions	Load point height	Load radius										At max. reach		@ ft in
		10 ft	15 ft	20 ft	25 ft	30 ft	35 ft	40 ft						
Boom 24'11" (7.6 m) Arm 9'6" (2.9 m) Bucket PCSA 3.56 yd' (2.72 m') Shoes 35" (900 mm)	20 ft				*21.0	*21.0	*18.9	*18.9				12.5	*15.2	37'7"
	15 ft				*22.5	*22.5	*19.4	*19.4				11.4	*15.5	38'9"
	10 ft			*29.4	*29.4	*23.3	*23.3	18.7	*19.9			10.8	*16.2	39'1"
	5 ft					24.3	*25.9	17.8	*21.2	13.3	*18.4	10.8	*17.3	38'9"
	0 (Ground)					22.9	*28.0	17.0	*22.4	12.9	*18.8	10.8	*16.4	37'7"
	- 5 ft					22.1	*28.9	16.5	*23.0	12.7	*18.7	11.3	*16.4	35'7"
	- 10 ft					22.1	*31.1	16.5	*24.8	12.7	*20.2	11.3	*17.8	32'7"
	- 15 ft					31.3	*36.3	21.7	*28.5	16.2	*22.6	12.5	*16.1	28'0"
	- 20 ft					31.3	*39.0	21.7	*30.6	16.2	*24.4	12.5	*17.5	
	- 25 ft													
Boom 24'11" (7.6 m) Arm 11'6" (3.5 m) Bucket PCSA 3.56 yd' (2.72 m') Shoes 35" (900 mm)	25 ft								*17.6	*17.6		*8.94	*8.94	37'6"
	20 ft								*18.9	*18.9		*9.64	*9.64	39'5"
	15 ft								*19.4	*19.4		*9.63	*9.63	40'7"
	10 ft								*27.7	*27.7	*22.4	*22.4	*19.3	40'11"
	5 ft								*29.7	*29.7	*24.1	*24.1	*19.6	40'7"
	0 (Ground)								*33.2	*33.2	*25.3	*25.3	*18.7	39'6"
	- 5 ft								*35.5	*35.5	*25.5	*25.5	*18.7	37'8"
	- 10 ft								*38.8	*38.8	*23.0	*23.0	*18.7	34'9"
	- 15 ft								*41.3	*41.3	*23.7	*23.7	*18.7	30'8"
	- 20 ft								*42.0	*42.0	*24.0	*24.0		
Boom 24'11" (7.6 m) Arm 13'5" (4.1 m) Bucket PCSA 2.96 yd' (2.26 m') Shoes 35" (900 mm)	30 ft								*12.3	*12.3		*7.46	*7.46	36'8"
	25 ft								*13.2	*13.2		*8.10	*8.10	39'5"
	20 ft								*15.9	*15.9		*7.23	*7.23	41'3"
	15 ft								*16.6	*16.6	*14.2	*14.2		42'3"
	10 ft								*20.7	*20.7	*18.0	*18.0	14.6	42'8"
	5 ft								*22.3	*22.3	*19.5	*19.5	14.6	42'4"
	0 (Ground)								*30.8	*30.8	*23.8	*23.8	18.8	41'3"
	- 5 ft								*33.0	*33.0	*25.6	*25.6	18.8	39'6"
	- 10 ft								*34.3	*34.3	*24.2	*24.2	17.8	36'10"
	- 15 ft								*35.6	*35.6	*23.2	*23.2	17.8	33'0"
Boom 24'11" (7.6 m) Arm 17'1" (5.2 m) Bucket PCSA 2.38 yd' (1.82 m') Shoes 35" (900 mm)	30 ft								*12.9	*12.9		*6.55	*6.55	42'6"
	25 ft								*13.8	*13.8		*7.13	*7.13	44'2"
	20 ft								*14.7	*14.7	*8.67	*8.67	*6.54	45'2"
	15 ft								*15.9	*15.9	*9.36	*9.36	*7.11	45'6"
	10 ft								*16.9	*16.9	*15.6	*15.6	12.0	45'3"
	5 ft								*18.2	*18.2	*16.8	*16.8	12.0	44'4"
	0 (Ground)								*27.7	*27.7	*22.2	*22.2	18.9	42'9"
	- 5 ft								*29.6	*29.6	*23.8	*23.8	20.2	40'5"
	- 10 ft								*33.3	*33.3	*25.5	*25.5	19.1	37'1"
	- 15 ft								*35.6	*35.6	*25.8	*25.8	19.1	32'6"

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) loaded on the back of the bucket.
4. *Indicates load limited by hydraulic capacity.



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

ENGLISH MEASURE

EX550-s / EX550LC-s with BE-front

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

Conditions	Load point height	Load radius										At max. reach		@ ft in
		10 ft	15 ft	20 ft	25 ft	30 ft	35 ft	40 ft						
EX550-s Boom 21'8" (6.6 m) BE-boom Arm 9'6" (2.9 m) BE-arm Bucket PCSA 4.43 yd' (3.39 m') Shoes 30" (750 mm)	25 ft								*21.5	*21.5				31'11"
	20 ft								*23.1	*23.1				34'3"
	15 ft								*21.7	*21.7				35'6"
	10 ft								*23.3	*23.3				36'0"
	5 ft								*28.1	*28.1	*23.5	*23.5	18.5	35'7"
	0 (Ground)								*30.1	*30.1	*25.2	*25.2	18.5	34'3"
	- 5 ft								*33.1	*33.1	*24.9	*24.9	17.8	32'0"
	- 10 ft								*35.5	*35.5	*24.9	*24.9	17.8	28'4"
	- 15 ft								*34.0	*34.0	*23.6	*23.6	17.2	
	- 20 ft								*34.0	*34.0	*23.6	*23.6	17.2	
EX550LC-s Boom 21'8" (6.6 m) BE-boom Arm 9'6" (2.9 m) BE-arm Bucket PCSA 4.43 yd' (3.39 m') Shoes 35" (750 mm)	25 ft								*21.5	*21.5				31'11"
	20 ft								*23.1	*23.1				34'3"
	15 ft								*21.7	*21.7				35'6"
	10 ft								*23.3	*23.3				36'0"
	5 ft								*28.1	*28.1	*23.5	*23.5	18.5	35'7"
	0 (Ground)								*30.1	*30.1	*25.2	*25.2	18.5	34'3"
	- 5 ft								*33.1	*33.1	*24.9	*24.9	17.8	32'0"
	- 10 ft								*35.5	*35.5	*24.9	*24.9	17.8	28'4"
	- 15 ft								*34.0	*34.0	*23.6	*23.6	17.2	
	- 20 ft								*34.0	*34.0	*23.6	*23.6	17.2	

EX600LCH-s

Unit: 1 000 lb

Conditions	Load point height	Load radius										At max. reach		@ ft in
		10 ft	15 ft	20 ft	25 ft	30 ft	35 ft	40 ft						
Boom 24'11" (7.6 m) H-boom Arm 11'6" (3.5 m) H-arm Bucket PCSA 3.23 yd' (2.47 m') Rock bucket Shoes 24" (600 mm)	25 ft								*16.2	*16.2				37'11"
	20 ft								*17.5	*17.5				39'10"
	15 ft								*16.8	*16.8	*11.8	*11.8		40'10"
	10 ft								*18.2	*18.2	*12.7	*12.7		41'2"
	5 ft								*26.9	*26.9	*21.3	*21.3	18.0	40'9"
	0 (Ground)								*32.4	*32.4	*23.5	*23.5	17.0	39'8"
	- 5 ft								*33.8	*33.8	*23.5	*23.5	17.0	37'8"
	- 10 ft								*31.2	*31.2	*22.0	*22.0	16.1	34'9"
	- 15 ft								*31.2	*31.2	*22.0	*22.0	16.1	
	- 20 ft								*30.0	*30.0	*20.9	*20.9	15.4	

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.