

HITACHI

Super EX

EX550/EX600H

Rated Engine HP: 272 kW (370 PS)

Operating Weights

EX550-3: 53 800 kg (118 600 lb)

EX550LC-3: 55 700 kg (122 800 lb)

EX600H-3: 55 400 kg (122 100 lb)

EX600LCH-3: 56 300 kg (124 100 lb)

Bucket Capacity

PCSA Heaped: 1.35 — 3.39 m³ (1.76 — 4.43 yd³)

CECE Heaped: 1.2 — 3.0 m³



SuperEX EX550

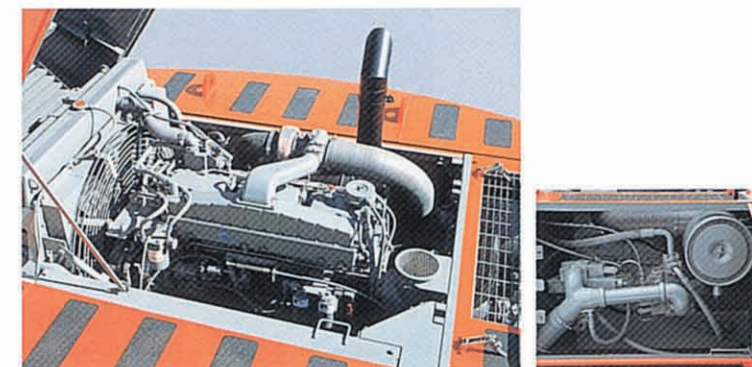
The Hitachi big EX550 and EX600H hydraulic excavators are packed with many requested features — productivity, ruggedness, operator comfort, maintainability and environmental protection awareness.



Big, Rugged Body Gives Power and Speed When Needed at Tough Job Sites.

Fuel-efficient 370 PS (361 HP) direct injection turbo engine and high-pressure pump yield big production and achieve low fuel consumption.

E-P Control for Bigger Production
The job-proven E-P (Engine-Pump) control delivers power and speed to suit job requirements. Auto Idle is provided for energy savings when idling.



Emissions Control Engine

The engine is designed to reduce pollutants (hydrocarbons, carbon monoxide and nitrogen oxides) in gas emissions for environmental protection, conforming to the Emission Standards in Japan and USA.

The machine shown on this catalog is positioned for advertising purpose. Be sure to lower the front attachment onto the ground when you leave the machine, with safety in mind.



Advanced Four Work Mode Selector

The operator can choose from the four work modes — general purpose mode, trenching mode, grading mode and precision mode — according to job needs.

Curved Monitor

The monitor is ergonomically curved for easy reading. Touch-control resin-molded switches seal out dirt.

Quick Response to Lever Control

Up-down movement of the boom is well matched with lever inching control. This brings productivity to tamping in civil engineering works and land grading projects. Power Boost yields power surges, when needed, at the touch of a finger.



● Comfortable Shock-dampening Ride

Six-point cab support mount (on standard cab) effectively dampens shocks and vibration. Six seat adjustments — including seat tilt angle and height adjustments — help the operator to find the most comfortable operating position. This advanced suspension seat enhances riding comfort.

Cab support types:

Six-point support type on standard cab.

Eight-point support type on pressurized cab with integrated headguard (H cab).



Seat Belt



① Large-sized reinforced rearview mirror is utilized for improved rear viewing.

② Emergency evacuation hammer is provided in the cab for getting out of the cab in the case of an emergency.



③ Fresh air type air conditioner and hot-and-cool box are available optionally.



① Side walk as well as non-slip tapes and handrails are provided for convenience of maintenance and inspection.

● Engine cover with damper can be fully opened, giving easy access to the engine for easy maintenance and inspection.



② Ample utility space and large tool box are provided to hold consumables and fuel can.



③ Cartridge type fuel filter, engine oil filter and bypass filters are provided for simple maintenance from the ground.

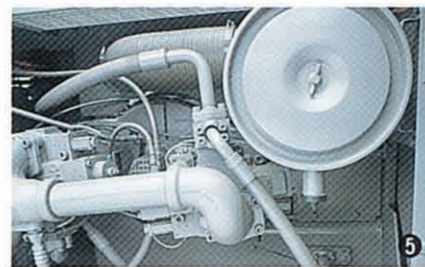
H Hitach's Design Advances Stay Ahead.



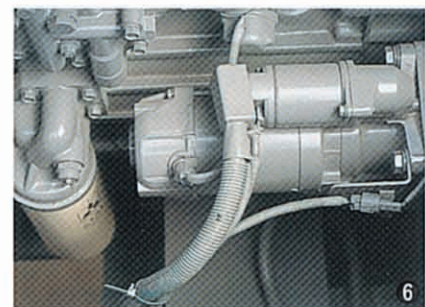
① Interlocking mounting side cutters (hoe bucket) prevent the bucket side plates from wear, increasing durability.



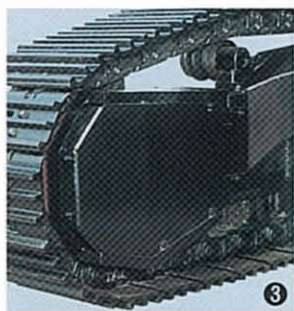
② Bucket link A is cast monolithically to resist torsion for added durability.



⑤ Bulkhead is provided between pump and engine.



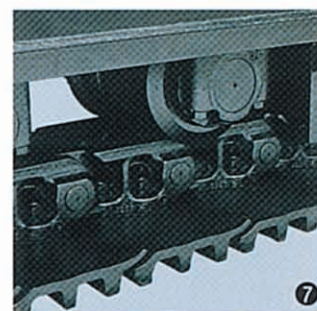
⑥ Heat-resistant split-type wire harnesses are employed for added durability and reliability.



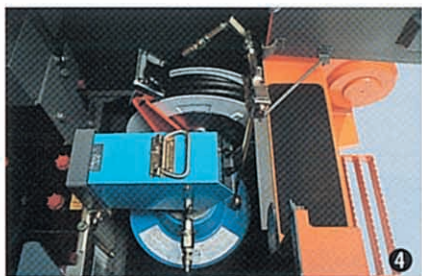
③ Travel motor cover protects the travel motor from damage. Piping is housed inside the track frame for protection against impacts. Also, an ample 810 mm (2'8") ground clearance enhances mobility on rough terrain, improving durability.



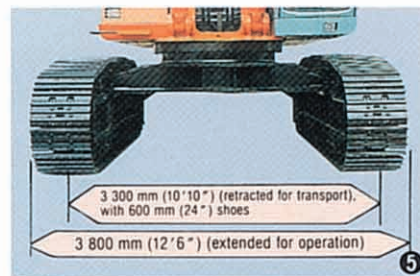
④ Three engine cover locks hold the engine cover securely, reducing its jolt.



⑦ Large track links are fitted with struts for added durability. Pin seal prevents dirt entry and reduces internal wear.



④ Electric grease gun with hose reel (optional) enhances easy lubrication without need for repositioning of the machine. Front attachment and swing circle can be remote lubricated.



⑤ Retractable track frames (LC type) can be extended for higher stability at work, and retracted for convenience of transport.

Overall undercarriage width:
3 800 mm (12'6"), with 600 mm (24") shoes

Overall undercarriage length:
5 680 mm (18'8")

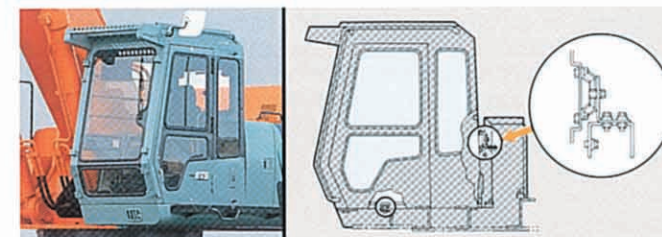
SuperEX EX600H

Designed for Tough Operation with Numerous Rugged Body Design Features.

Bucket link A is cast monolithically to resist torsion for added durability.

Damage prevention plate and square bars are provided at the bottom of the arm for protection against damage due to rocks caught during excavation.

Increased Bucket Capacity
2.47 m³ rock bucket are provided for the H version as standard equipment.



The pressurized cab with integrated headguard protects the operator from falling objects. Eight-point bed support mount effectively dampens shocks and increases durability. The cab is pressurized to prevent dirt entry.

Emergency Evacuation Window

Rear window of the cab serves as an emergency exit for getting out of the cab.

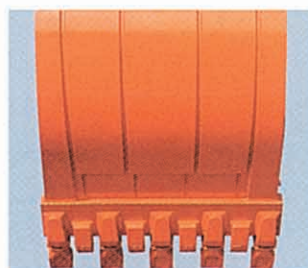


Cab front guard and sunvisor are optionally available for the pressurized cab with integrated headguard.



Strengthened Undercover

Thickened undercover at the bottom of the upperstructure protects hydraulic equipment from damage due to obstructions during travel.



Thickened Bucket Bottom Plates

Wear plate is doubled at the bucket bottom for increased wear resistance.

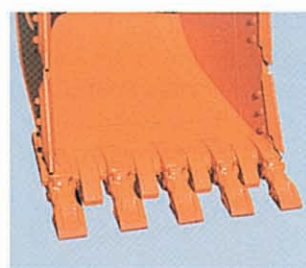


Big bucket teeth are utilized for rock excavation to prevent disengagement and increase wear resistance.

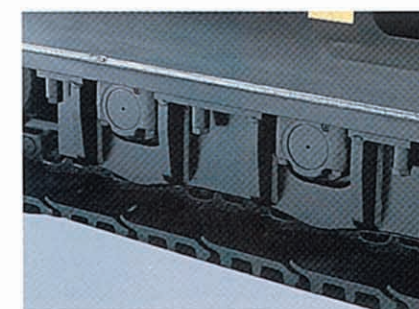


Strengthened Side Shrouds

Two side shrouds on each side are provided to reduce wear of bucket side plates.

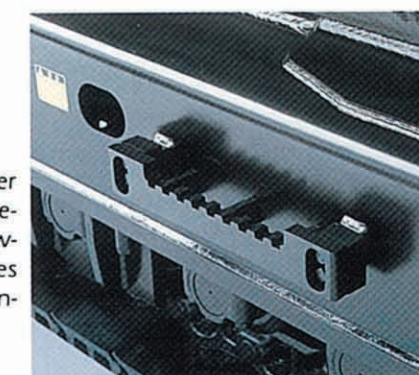


Cutting edge shrouds are thickened to increase wear resistance.



Track Guard

Large-sized track guard, extending over three lower rollers on each side, prevents disengagement and protects lower rollers. Also, bolted design eases replacement. Full track guard is optionally available.



Strengthened side steps are provided to resist deformation.

WEIGHTS AND GROUND PRESSURE

EX550-3:

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-3:

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")	53 800 kg (118 600 lb)	95 kPa (0.97 kgf/cm², 13.8 psi)
		54 800 kg (120 800 lb)	90 kPa (0.92 kgf/cm², 13.0 psi)
	750 mm (30")	54 600 kg (120 400 lb)	77 kPa (0.79 kgf/cm², 11.2 psi)
		55 700 kg (122 800 lb)	74 kPa (0.75 kgf/cm², 10.6 psi)
	900 mm (35")	55 400 kg (122 100 lb)	66 kPa (0.67 kgf/cm², 9.53 psi)
		56 600 kg (124 800 lb)	62 kPa (0.63 kgf/cm², 8.96 psi)

Figures in are data on the EX550LC-3.

EX600H-3/EX600LCH-3:

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")	55 400 kg (122 100 lb)	98 kPa (1.00 kgf/cm², 14.2 psi)
		56 300 kg (124 100 lb)	92 kPa (0.94 kgf/cm², 13.3 psi)

Figures in are data on the EX600LCH-3.



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	13.0	3.4	2.9
(each side)			
Travel final device	14.0	3.7	3.1
(each side)			
Hydraulic system	560.0	148.0	123.2
Hydraulic tank	270.0	71.3	59.4

Buckets

Capacity		Width		No. of teeth	Weight	Recommendation											
						EX550-3					EX550LC-3					BE-front	
						7.6 m (24'11") boom					7.6 m (24'11") boom					EX600H-3	EX600LCH-3
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	9.2 m (30'2") boom	2.9 m (9'6") arm	3.5 m (11'6") arm	4.1 m (13'5") arm	5.2 m (17'1") arm	9.2 m (30'2") boom	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")	1 790 mm (70")	5	2 160 kg (4 760 lb)	●	□	—	—	—	●	□	—	—	—	—	—
* 2.47 m³ (3.23 yd³)	2.2 m³	1 530 mm (60")	1 600 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 (5 870 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

EX550-3/EX550LC-3 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")	54 600 kg (120 400 lb)	96 kPa (0.98 kgf/cm², 13.8 psi)
		55 600 kg (122 600 lb)	91 kPa (0.93 kgf/cm², 13.1 psi)
	750 mm (30")	55 400 kg (122 100 lb)	78 kPa (0.80 kgf/cm², 11.4 psi)
		56 400 kg (124 300 lb)	75 kPa (0.76 kgf/cm², 10.8 psi)
	900 mm (35")	56 300 kg (124 100 lb)	67 kPa (0.68 kgf/cm², 9.67 psi)
		57 300 kg (126 300 lb)	63 kPa (0.64 kgf/cm², 9.10 psi)

Figures in are data on the EX550LC-3 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.

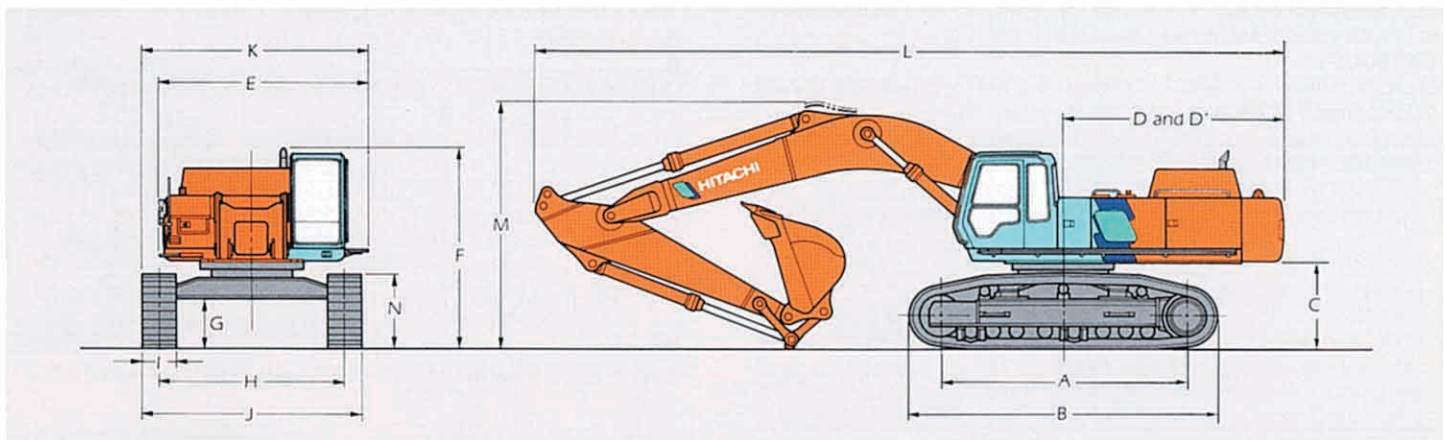


BACKHOE ATTACHMENTS

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.



DIMENSIONS



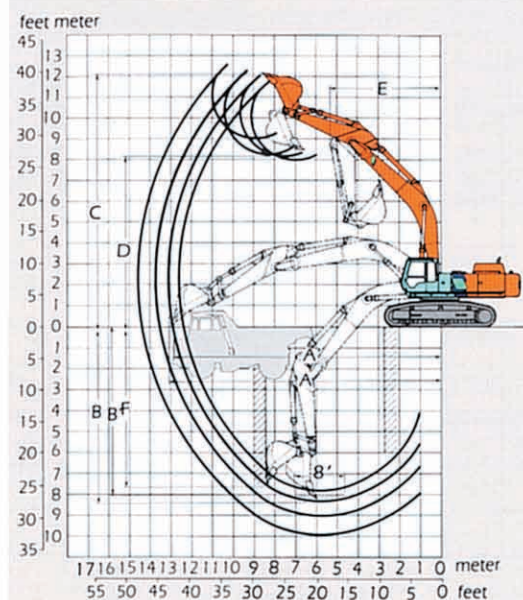
	EX550-3	EX550LC-3
A Distance between tumblers	4 250 mm (13'11")	4 600 mm (15'1")
B Undercarriage length	5 330 mm (17'6")	5 680 mm (18'8")
*C Counterweight clearance	1 450 mm (4'9")	1 450 mm (4'9")
D Rear-end swing radius	3 800 mm (12'6")	3 800 mm (12'6")
D' Rear-end length	3 800 mm (12'6")	3 800 mm (12'6")
E Overall width of upperstructure	3 630 mm (11'11")	3 630 mm (11'11")
*F Overall height of muffler	3 370 mm (11'1")	3 370 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	3 930 mm (12'11")	3 950 mm (13'0")
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	4 240 mm (13'11")	4 240 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.

G: Triple grouser shoe.



WORKING RANGES

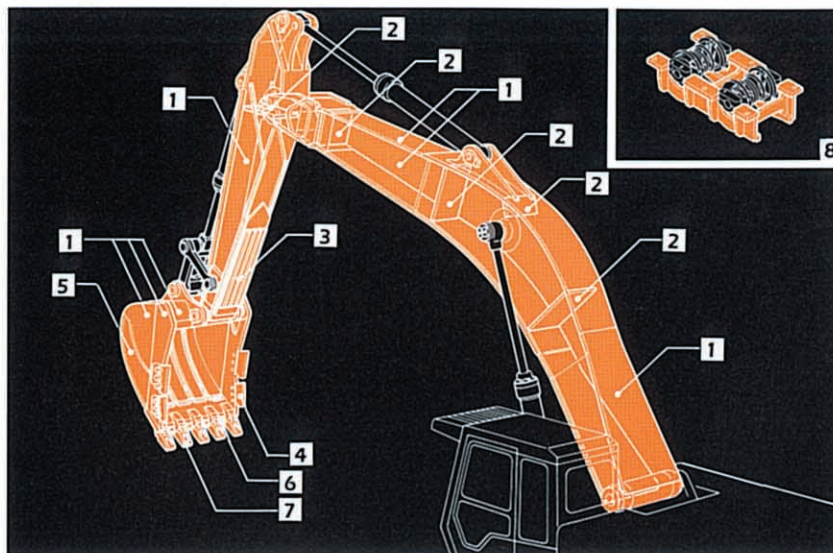


		EX550-3/EX550LC-3				
		7.6 m (24'1") boom			9.2 m (30'2") boom	
Arm length		2.9 m (9'6")	3.5 m (11'6")	4.1 m (13'5")	5.2 m (17'1")	5.2 m (17'1")
A	Max. digging reach	12 500 mm (41'0")	13 050 mm (42'10")	13 570 mm (44'6")	14 450 mm (47'5")	16 090 mm (52'9")
A'	Max. digging reach (on ground)	12 260 mm (40'3")	12 820 mm (42'1")	13 350 mm (43'10")	14 240 mm (46'9")	15 910 mm (52'2")
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")
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")
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")
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")
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")
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")
Bucket digging force*	ISO	280 kN (28 600 kgf / 63 100 lbf)	281 kN (28 700 kgf / 63 300 lbf)	280 kN (28 600 kgf / 63 100 lbf)	254 kN (25 900 kgf / 57 100 lbf)	254 kN (25 900 kgf / 57 100 lbf)
	SAE: PCSA	250 kN (25 500 kgf / 56 200 lbf)	251 kN (25 600 kgf / 56 400 lbf)	251 kN (25 600 kgf / 56 400 lbf)	224 kN (22 800 kgf / 50 300 lbf)	224 kN (22 800 kgf / 50 300 lbf)
Arm digging force*	ISO	266 kN (27 100 kgf / 59 800 lbf)	216 kN (22 000 kgf / 48 500 lbf)	194 kN (19 800 kgf / 43 700 lbf)	173 kN (17 600 kgf / 38 800 lbf)	173 kN (17 600 kgf / 38 800 lbf)
	SAE: PCSA	257 kN (26 200 kgf / 57 800 lbf)	209 kN (21 300 kgf / 47 000 lbf)	189 kN (19 300 kgf / 42 600 lbf)	169 kN (17 200 kgf / 37 900 lbf)	169 kN (17 200 kgf / 37 900 lbf)

* Excluding track shoe lug.

* At power boost

EX600H-3/EX600LCH-3



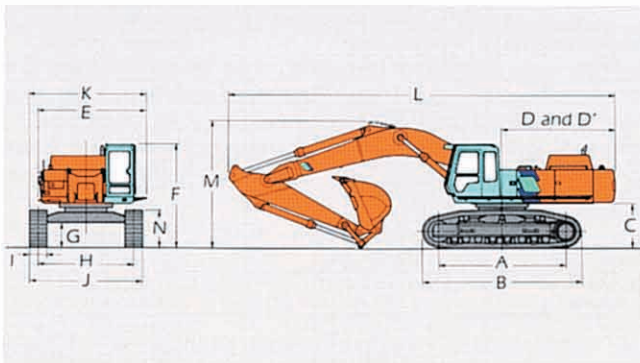
Heavy-duty type

- Headguard-integrated cab (with pressurizer kit)
- 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 guard
- Reinforced undercover for upperstructure

- 1 Increased plate thickness
- 2 Bulkheads
- 3 Denting preventing plate
- 4 Side shroud
- 5 Additional wear plate
- 6 Cutting-edge shroud
- 7 Super V teeth
- 8 H-track guard

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

DIMENSIONS

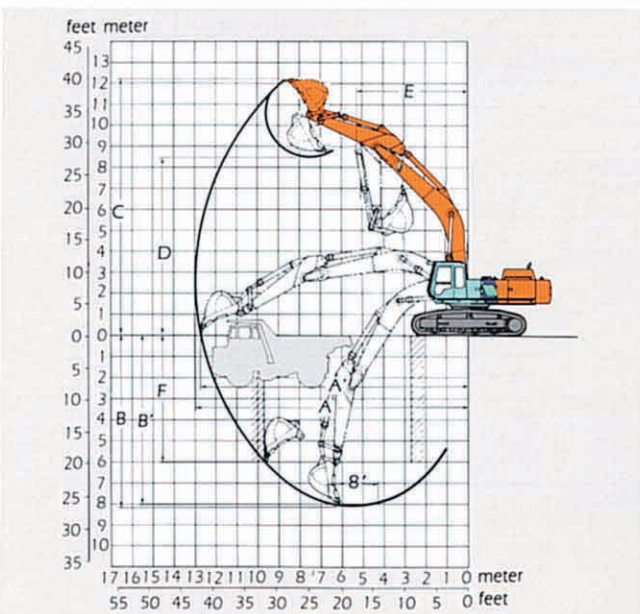


	EX600H-3	EX600LCH-3
A Distance between tumblers	4 250 mm (13'11")	4 600 mm (15'1")
B Undercarriage length	5 330 mm (17'6")	5 680 mm (18'8")
*C Counterweight clearance	1 450 mm (4'9")	1 450 mm (4'9")
D Rear-end swing radius	3 800 mm (12'6")	3 800 mm (12'6")
D' Rear-end length	3 800 mm (12'6")	3 800 mm (12'6")
E Overall width of upperstructure	3 630 mm (11'11")	3 630 mm (11'11")
*F Overall height of cab	3 490 mm (11'5")	3 490 mm (11'5")
*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 600 mm (24")
J Undercarriage width Extended / Retracted	3 800 mm (12'6")/ 3 300 mm (10'10")	3 800 mm (12'6")/ 3 300 mm (10'10")
K Overall width	3 930 mm (12'11")	3 930 mm (12'11")
*L Overall length With 3.5 m (11'6") H-arm	12 900 mm (42'4")	12 900 mm (42'4")
M Overall height of boom With 3.5 m (11'6") H-arm	4 240 mm (13'11")	4 240 mm (13'11")
N Track height	1 310 mm (4'4")	1 310 mm (4'4")

* Excluding track shoe lug.

G: Triple grouser shoe.

WORKING RANGES

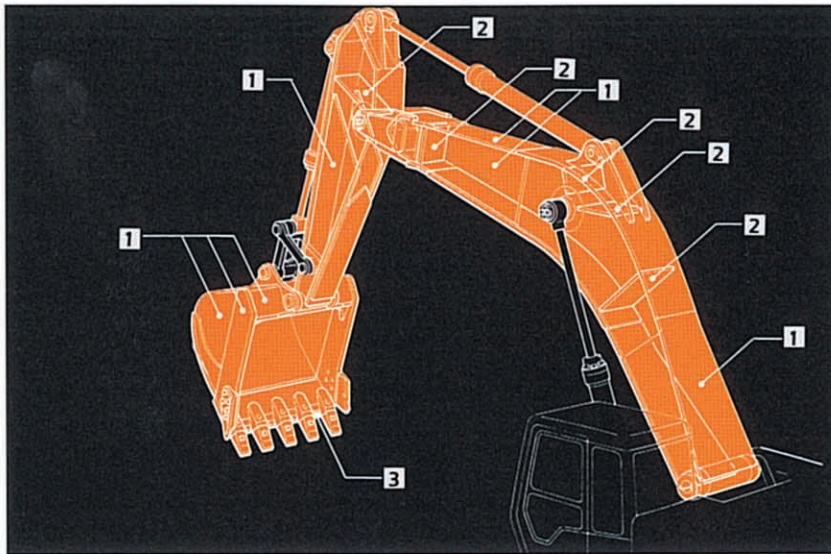


	EX600H-3/EX600LCH-3
Boom length	7.6 m (24'11") H-boom
Arm length	3.5 m (11'6") H-arm
A Max. digging reach	12 980 mm (42'7")
A' Max. digging reach (on ground)	12 750 mm (41'10")
B Max. digging depth	8 230 mm (27'0")
B' Max. digging depth (8' level)	8 100 mm (26'7")
C Max. cutting height	12 020 mm (39'5")
D Max. dumping height	8 330 mm (27'4")
E Min. swing radius	5 260 mm (17'3")
F Max. vertical wall	6 060 mm (19'11")
Bucket digging force*	ISO 288 kN (29 400 kgf, 64 800 lbf)
	SAE: PCSA 261 kN (26 600 kgf, 58 700 lbf)
Arm digging force*	ISO 218 kN (22 200 kgf, 49 000 lbf)
	SAE: PCSA 214 kN (21 800 kgf, 48 100 lbf)

Excluding track shoe lug.

* At power boost

EX550-3/EX550LC-3 with BE-front

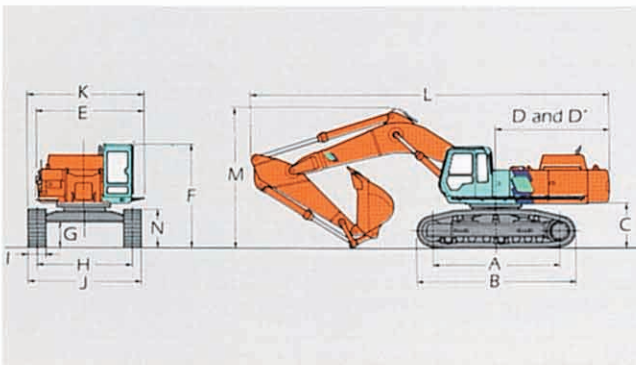


- BE-boom 6.6 m (21'8")
- BE-arm 2.9 m (9'6")
- 3.39 m³ (4.43 yd³; PCSA heaped)

- 1 Increased plate thickness
- 2 Bulkheads
- 3 Cutting-edge shroud

Show the reinforced portions of the standard model. [except 2]

DIMENSIONS

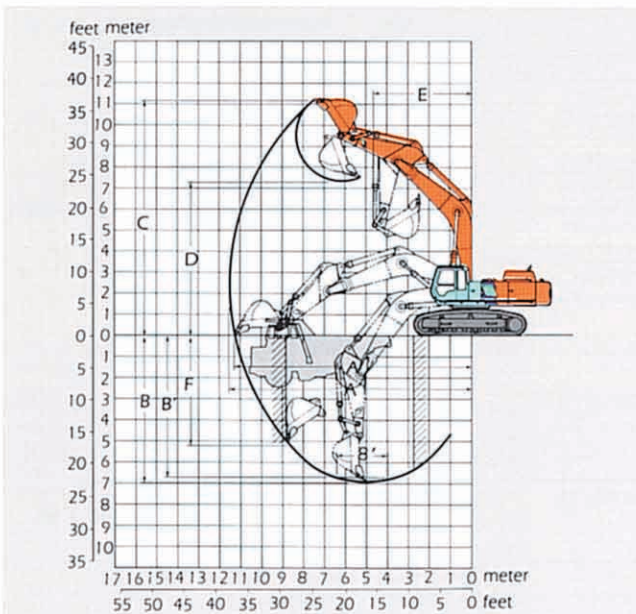


	EX550-3	EX550LC-3
A Distance between tumbler	4 250 mm (13'11")	4 600 mm (15'1")
B Undercarriage length	5 330 mm (17'6")	5 680 mm (18'8")
*C Counterweight clearance	1 450 mm (4'9")	1 450 mm (4'9")
D Rear-end swing radius	3 800 mm (12'6")	3 800 mm (12'6")
D' Rear-end length	3 800 mm (12'6")	3 800 mm (12'6")
E Overall width of upperstructure	3 630 mm (11'11")	3 630 mm (11'11")
*F Overall height of cab	3 370 mm (11'1")	3 370 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	3 930 mm (12'11")	3 950 mm (13'0")
L Overall length With 2.9 m (9'6") arm	11 990 mm (39'4")	11 990 mm (39'4")
M Overall height of boom With 2.9 m (9'6") arm	4 690 mm (15'5")	4 690 mm (15'5")
N Track height	1 310 mm (4'4")	1 310 mm (4'4")

* Excluding track shoe lug.

G: Triple grouser shoe.

WORKING RANGES



	EX550-3/EX550LC-3
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*	ISO 313 kN (31 900 kgf, 70 300 lbf)
	SAE: PCSA 281 kN (28 700 kgf, 63 300 lbf)
Arm digging force*	ISO 263 kN (26 800 kgf, 59 100 lbf)
	SAE: PCSA 254 kN (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

- ETS
- E-P control system (power mode selector)
- 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

- 3 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: EX550-3
- 2.72 m³ (3.56 yd³: PCSA heaped) bucket: EX550LC-3

MISCELLANEOUS

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

EX600H-3 / EX600LCH-3 (Heavy-duty version)

- Headguard-integrated cab (with pressurizer kit)
- 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 guard
- Reinforced undercover for upperstructure



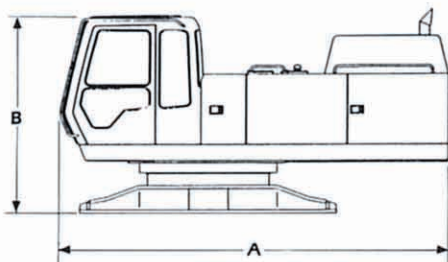
OPTIONAL EQUIPMENT

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
- Full track guard
- Air conditioner
- Hot & cool box
- Electric grease gun with hose reel
- Hose rupture valve

- Swing alarm with lamps
- Travel alarm with cancel switch
- Ladder
- Right sidewalk
- Electric fuel refilling pump
- Headguard-integrated cab (with pressurizer kit)

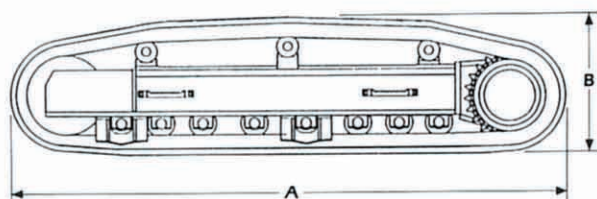
- H-boom 7.6 m (24'11")
- H-arm 3.5 m (11'6")
- 2.47 m³ (3.23 yd³: PCSA heaped) rock bucket
- H-track guard
- Reinforced undercover for upperstructure



Upperstructure

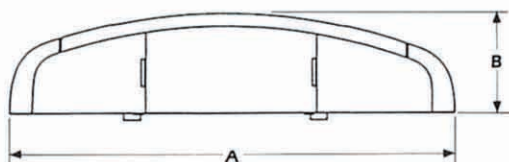
	A	B	Overall width	Weight
EX550-3	4 950 mm (16'3")	2 550 mm (8'4")	3 290 mm (10'10")	16 600 kg (36 600 lb)
EX550LC-3				
EX600H-3*	5 000 mm (16'5")	2 650 mm (8'8")	3 290 mm (10'10")	16 900 kg (37 300 lb)
EX600LCH-3*				

* With Headguard-integrated cab.



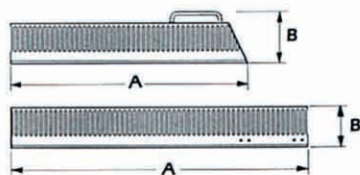
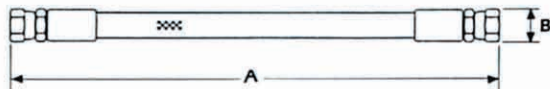
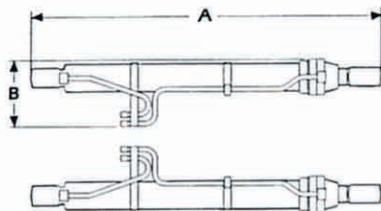
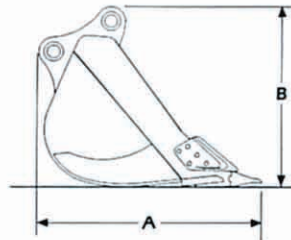
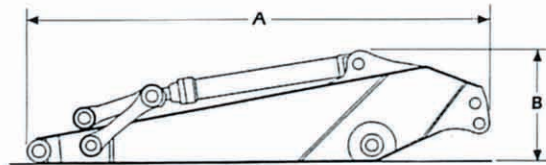
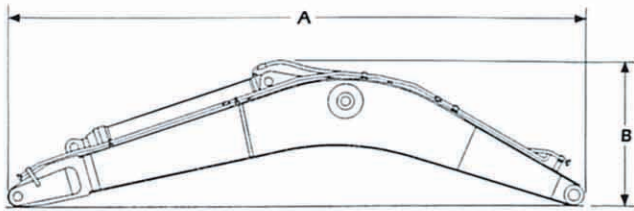
Side frame

	Shoe width	A	B	Overall width	Weight
EX550-3	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-3	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-3	600 mm (24")	5 330 mm (17'6")	1 310 mm (4'4")	720 mm (2'4")	7 700 kg (17 000 lb)
EX600LCH-3	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")	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 m ³ (1.76 yd ³)	1.2 m ³	2 010 mm (6'7")	1 570 mm (5'2")	1 220 mm (48")	1 470 kg (3 240 lb)
1.82 m ³ (2.38 yd ³)	1.6 m ³	2 010 mm (6'7")	1 570 mm (5'2")	1 500 mm (59")	1 700 kg (3 750 lb)
2.00 m ³ (2.62 yd ³)	1.8 m ³	2 140 mm (7'0")	1 750 mm (5'9")	1 430 mm (56")	1 900 kg (4 190 lb)
2.26 m ³ (2.96 yd ³)	2.0 m ³	2 140 mm (7'0")	1 750 mm (5'9")	1 560 mm (61")	1 990 kg (4 390 lb)
2.47 m ³ (3.23 yd ³)	2.2 m ³	2 140 mm (7'0")	1 750 mm (5'9")	1 670 mm (66")	2 070 kg (4 560 lb)
2.72 m ³ (3.56 yd ³)	2.4 m ³	2 140 mm (7'0")	1 750 mm (5'9")	1 790 mm (70")	2 160 kg (4 760 lb)
*2.21 m ³ (2.89 yd ³)	2.0 m ³	2 150 mm (7'1")	1 840 mm (6'0")	1 430 mm (60")	2 450 kg (5 400 lb)
3.39 m ³ (4.43 yd ³)	3.0 m ³	2 160 mm (7'1")	1 840 mm (6'0")	1 940 mm (76")	2 660 kg (5 870 lb)
*3.00 m ³ (3.92 yd ³)	2.7 m ³	2 240 mm (7'4")	1 900 mm (6'3")	1 610 mm (63")	2 820 kg (6 220 lb)

* Rock bucket

Boom cylinders

520 kg (1 150 lb) × 2

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

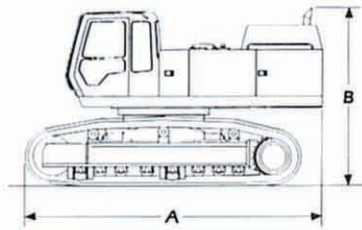
Hose of Boom cylinders

3 kg (7 lb) × 4

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

Left sidewalk

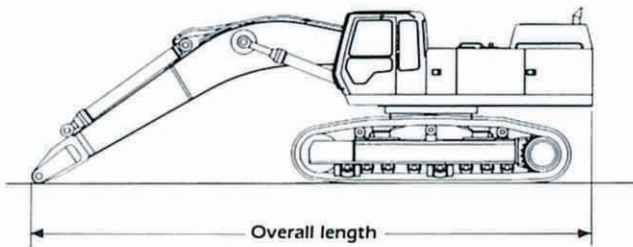
	A	B	Overall height	Weight
Front	1 920 mm (6'4")	430 mm (1'5")	130 mm (5.1")	20 kg (44 lb)
Reverse	2 410 mm (7'11")	340 mm (1'1")	130 mm (5.1")	20 kg (44 lb)



Basic machine (without counterweight)

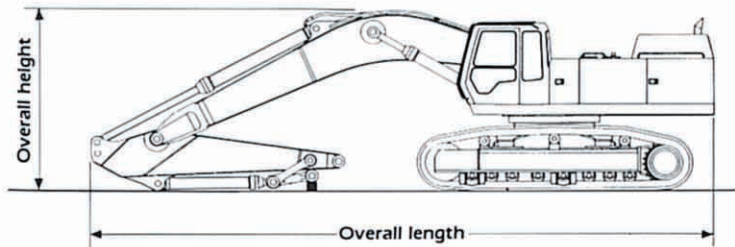
	Shoe width	A	B	Overall width	Weight
EX550-3	600 mm (24")	5 730 mm (18'10")	3 390 mm (11'1")	3 390 mm (11'1")	31 800 kg (70 100 lb)
	750 mm (30")	5 730 mm (18'10")	3 390 mm (11'1")	3 450 mm (11'4")	32 600 kg (71 190 lb)
	900 mm (35")	5 730 mm (18'10")	3 390 mm (11'1")	3 600 mm (11'10")	33 300 kg (73 400 lb)
EX550LC-3	600 mm (24")	5 900 mm (19'4")	3 390 mm (11'1")	3 390 mm (11'1")	32 800 kg (72 300 lb)
	750 mm (30")	5 900 mm (19'4")	3 390 mm (11'1")	3 450 mm (11'4")	33 600 kg (74 100 lb)
	900 mm (35")	5 900 mm (19'4")	3 390 mm (11'1")	3 600 mm (11'10")	34 400 kg (75 900 lb)
EX600H-3	600 mm (24")	5 730 mm (18'10")	3 490 mm* (11'5")	3 390 mm (11'1")	32 300 kg (71 200 lb)
EX600LCH-3	600 mm (24")	5 900 mm (19'4")	3 490 mm* (11'5")	3 390 mm (11'1")	33 100 kg (73 000 lb)

* With Headguard-integrated cab.



Basic machine (with boom)

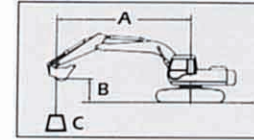
	Boom length	Overall length
EX550(LC)-3 EX600(LC)H-3	7.6 m (24'11") 7.6 m (24'11") H-boom	10 630 mm (34'11")
EX550-3 EX550LC-3	6.6 m (21'8") BE-boom	9 570 mm (31'5")



Basic machine (with boom and arm)

	Front	Overall height	Overall length
EX550(LC)-3	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-3	7.6 m (24'11") H-boom & 3.5 m (11'6") H-arm		

LIFTING CAPACITIES



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

METRIC MEASURE

EX550-3

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 2.47 m ³ Shoes 600 mm	9 m							*8.33	*8.33							*7.17	*7.17	9.97
								*8.73	*8.73							7.56	*7.63	
	8 m							*8.84	*8.84							6.54	*7.02	10.6
								*9.50	*9.50							6.54	*7.47	
	6 m					*10.2	*10.2	*9.33	*9.33	8.66	*8.72					5.34	*6.97	11.5
					*11.0	*11.0	*10.0	*10.0	8.66	*9.39						5.34	*7.43	
	4 m					*12.1	*12.1	10.1	*10.5	8.17	*9.44	6.68	*8.66			4.76	6.77	11.9
					12.6	*13.0	10.1	*11.3	8.17	*10.2	6.68	9.28				4.76	6.77	
	2 m					11.5	*13.9	9.29	*11.8	7.64	*10.3	6.33	8.91			4.59	6.60	11.9
					11.5	*15.0	9.29	*12.7	7.64	10.7	6.33	8.91				4.59	6.60	
0 (Ground)					10.9	*14.7	8.79	*12.4	7.25	10.3	6.07	8.63			4.82	6.93	11.5	
				10.9	15.4	8.79	12.4	7.25	10.3	6.07	8.63				4.82	6.93		
-2 m			13.9	*16.4	10.7	*14.1	8.62	*12.1	7.12	10.1	6.01	8.57			5.60	*7.30	10.6	
			13.9	*17.6	10.7	*15.1	8.62	12.2	7.12	10.1	6.01	8.57			5.60	*7.93		
-4 m	*16.6	*16.6	*13.9	*13.9	10.9	*12.1	*8.79	*10.3	7.33	*8.47					*6.36	*6.36	9.12	
	*17.9	*17.9	14.2	*15.0	10.9	*13.1	8.79	*11.2	7.33	*9.19					*6.96	*6.96		
-6 m			*9.11	*9.11	*7.47	*7.47												
			*9.92	*9.92	*8.17	*8.17												
Boom 7.6 m Arm 3.5 m Bucket PCSA 2.26 m ³ Shoes 600 mm	8 m									*8.00	*8.00					*4.14	*4.14	11.2
										*8.51	*8.51					*4.46	*4.46	
	6 m							*8.89	*8.89	*8.34	*8.34	7.29	*7.97			*4.12	*4.12	12.1
								*9.55	*9.55	*8.98	*8.98	7.29	*8.60			*4.43	*4.43	
	4 m			*13.8	*13.8	*11.7	*11.7	*10.2	*10.2	8.53	*9.21	6.99	*8.46			*4.28	*4.28	12.4
				*14.8	*14.8	*12.5	*12.5	10.5	*11.0	8.53	*9.91	6.99	*9.13			4.52	*4.60	
	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	12.4
				15.2	*18.1	12.0	*14.7	9.71	*12.5	7.97	*11.0	6.61	9.19			4.37	*4.98	
	0 (Ground)			14.3	*18.0	11.3	*14.9	9.13	*12.6	7.54	10.5	6.30	8.86			4.55	*5.24	12.0
				14.3	*19.3	11.3	15.8	9.13	12.8	7.54	10.5	6.30	8.86			4.55	*5.61	
-2 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	11.2	
	*12.0	*12.0	14.1	*18.6	11.0	15.5	8.87	12.5	7.33	10.3	6.16	8.71			5.18	*6.68		
-4 m	*19.9	*19.9	14.3	*15.3	11.1	*13.2	8.92	*11.3	7.39	*9.57					6.66	*6.68	9.87	
	*21.4	*21.4	14.3	*16.5	11.1	*14.2	8.92	*12.2	7.39	*10.3					*6.66	*7.28		
-6 m	*14.1	*14.1	*11.3	*11.3	*9.65	*9.65	*7.69	*7.69										
	*15.3	*15.3	*12.3	*12.3	*10.5	*10.5	*8.37	*8.37										
Boom 7.6 m Arm 4.1 m Bucket PCSA 2.00 m ³ Shoes 600 mm	9 m									*6.30	*6.30					*3.44	*3.44	11.3
										*6.74	*6.74					*3.73	*3.73	
	8 m									*7.30	*7.30	*5.23	*5.23			*3.37	*3.37	11.8
										*7.86	*7.86	*5.61	*5.61			*3.65	*3.65	
	6 m									*7.71	*7.71	*7.37	*7.37			*3.35	*3.35	12.6
										*8.31	*8.31	7.43	*7.97			*3.64	*3.64	
	4 m			*12.6	*12.6	*10.8	*10.8	*9.56	*9.56	8.65	*8.65	7.07	*7.97			*3.50	*3.50	13.0
				*13.5	*13.5	*11.6	*11.6	*10.3	*10.3	8.65	*9.32	7.07	*8.61			*3.79	*3.79	
	2 m			15.5	*16.0	12.2	*13.1	9.82	*11.1	8.04	*9.74	6.64	*8.72			*3.81	*3.81	13.0
				15.5	*17.1	12.2	*14.0	9.82	*11.9	8.04	*10.5	6.64	9.23			3.99	*4.12	
0 (Ground)			14.4	*17.7	11.3	*14.5	9.15	*12.2	7.53	10.5	6.27	8.84			4.12	*4.34	12.6	
			14.4	*18.9	11.3	*15.6	9.15	12.8	7.53	10.5	6.27	8.84			4.12	*4.67		
-2 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			4.64	*5.21	11.8	
	*12.7	*12.7	14.0	*18.9	10.9	15.4	8.79	12.4	7.24	10.2	6.06	8.62			4.64	*5.59		
-4 m	*22.2	*22.2	14.1	*16.1	10.9	*13.7	8.75	*11.7	7.22	*9.98	6.09	*8.40			5.81	*6.59	10.5	
	*23.8	*23.8	14.1	*17.3	10.9	*14.7	8.75	12.4	7.22	10.2	6.09	8.65			5.81	*7.18		
-6 m	*16.9	*16.9	*12.8	*12.8	*10.9	*10.9	9.06	*9.09							*5.28	*5.28	8.48	
	*18.2	*18.2	*13.8	*13.8	11.2	*11.8	9.06	*9.86							*5.82	*5.82		
-7 m			*10.0	*10.0	*8.30	*8.30												
			*10.8	*10.8	*9.04	*9.04												
Boom 7.6 m Arm 5.2 m Bucket PCSA 1.82 m ³ Shoes 600 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	*4.74	*4.74	*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	5.26	*6.39	*3.08	*3.08	13.8
								*9.44	*9.44	*8.71	*8.71	7.63	*8.14	5.26	*6.83	*3.34	*3.34	
	2 m			*14.6	*14.6	*12.2	*12.2	10.5	*10.6	8.60	*9.37	7.14	*8.47	5.02	7.00	*3.32	*3.32	13.8
				*15.7	*15.7	13.1	*13.1	10.5	*11.3	8.60	*10.1	7.14	*9.13	5.02	*7.81	*3.60	*3.60	
0 (Ground)			15.1	*17.3	11.9	*14.2	9.68	*12.0	8.00	*10.5	6.69	9.27	4.78	6.76	*3.73	*3.73	13.5	
			15.1	*18.5	11.9	*15.2	9.68	*12.9	8.00	11.0	6.69	9.27	4.78	6.76	3.82	*4.03		
-2 m	*11.8	*11.8	14.4	*18.1	11.3	*15.1	9.17	*12.8	7.59	10.6	6.38	8.94	4.64	6.61	4.17	*4.39	12.8	
	*12.5	*12.5	14.4	*19.4	11.3	15.8	9.17	12.8	7.59	10.6	6.38	8.94	4.64	6.61	4.17	*4.72		
-4 m	*18.9	*18.9	14.2	*17.5	11.1	*14.7	8.97	*12.5	7.43	10.4	6.26	8.82			4.96	*5.52	11.7	
	*20.0	*20.0	14.2	*18.7	11.1	15.6	8.97	12.6	7.43	10.4	6.26	8.82			4.96	*5.90		
-6 m	*21.5	*21.5	14.4	*15.2	11.2	*12.9	9.08	*11.0	7.55	*9.29	6.43	*7.58			*6.11	*6.11	10.0	
	*23.1	*23.1	14.4	*16.3	11.2	*13.9	9.08	*11.8	7.55	*10.0	6.43	*8.22			*6.67	*6.67		
-8 m			*10.4	*10.4	*8.61	*8.61	*6.63	*6.63										
			*11.2	*11.2	*9.35	*9.35	*7.25	*7.25										

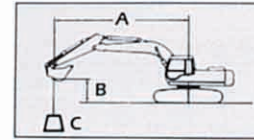
with heavy-lifting system

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

EX550LC-3



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 m³ 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	
				14.3	*17.5	11.1	*15.1	8.93	*12.9	7.38	*11.1	6.23	*9.45			5.80	*7.86	10.6
-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	
	*17.8	*17.8	14.6	*14.9	11.3	*13.0	9.10	*11.1	7.59	*9.12						*6.89	*6.89	9.12
-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 2.47 m³ 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		
	*11.9	*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	11.2	
-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		
	*21.3	*21.3	14.8	*16.4	11.5	*14.1	9.24	*12.1	7.66	*10.3					*6.89	*7.21	9.87	
-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 m³ 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		
	*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	10.5	
-6 m	*16.8	*16.8	*12.7	*12.7	*10.8	*10.8	*9.02	*9.02							*5.20	*5.20		
	*18.1	*18.1	*13.7	*13.7	11.6	*11.7	9.37	*9.79							*5.74	*5.74	8.48	
-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 m³ 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	*4.74	*4.74	*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		
	*12.5	*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	12.8	
-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		
	*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	11.7	
-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		
	*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	10.0	
-8 m				*10.4	*10.4	*8.61	*8.61	*6.63	*6.63									
				*11.2	*11.2	*9.35	*9.35	*7.25	*7.25									

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

EX550-3/EX550LC-3 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		@ m
EX550-3 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									9.50
	6 m					*10.6	*10.6									9.50
	4 m					*10.3	*10.3	*9.69	*9.69							10.5
	2 m					*11.0	*11.0	*10.4	*10.4							10.9
	0 (Ground)					*13.8	*13.8	*11.9	*11.9	10.3	*10.6	8.23	*9.72			10.9
	-2 m					*14.8	*14.8	*12.8	*12.8	10.3	*11.4	8.23	*10.5			10.9
	-4 m					15.6	*16.7	12.1	*13.8	9.64	*11.8	7.79	*10.4			10.9
	-5 m					15.6	*17.9	12.1	*14.8	9.64	*12.7	7.79	10.9			10.9
	-6 m					14.6	*17.9	11.4	*14.8	9.12	*12.5	7.45	10.5			10.4
	-7 m					14.6	*19.2	11.4	*15.8	9.12	12.8	7.45	10.5			10.4
EX550LC-3 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									9.50
	6 m					*10.6	*10.6									9.50
	4 m					*10.3	*10.3	*9.69	*9.69							10.5
	2 m					*11.0	*11.0	*10.4	*10.4							10.9
	0 (Ground)					*13.8	*13.8	*11.9	*11.9	*10.6	*10.6	8.55	*9.72			10.9
	-2 m					*14.8	*14.8	*12.8	*12.8	10.7	*11.4	8.55	*10.5			10.9
	-4 m					16.1	*16.7	12.5	*13.8	10.0	*11.8	8.11	*10.4			10.9
	-5 m					16.1	*17.9	12.5	*14.8	10.0	*12.7	8.11	*11.2			10.9
	-6 m					15.2	*17.9	11.8	*14.8	9.50	*12.5	7.77	*10.7			10.4
	-7 m					15.2	*19.2	11.8	*15.8	9.50	*13.4	7.77	*11.5			10.4

EX600H-3

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
EX600H-3 Boom 7.6 m H-boom Arm 3.5 m H-arm Bucket PCSA 2.21 m ³ Rock bucket Shoes 600 mm	8 m									*7.37	*7.37					11.4
	6 m									*7.97	*7.97					12.2
	4 m							*8.29	*8.29	*7.72	*7.72	6.87	*7.32			12.5
	2 m							*8.95	*8.95	*8.35	*8.35	6.87	*7.94			12.5
	0 (Ground)					*13.4	*13.4	*11.2	*11.2	*9.67	*9.67	8.06	*8.61	6.53	*7.85	12.1
	-2 m					*14.4	*14.4	*12.0	*12.0	10.0	*10.4	8.06	*9.32	6.53	*8.51	11.2
	-4 m					14.5	*16.4	11.4	*13.2	9.17	*11.1	7.46	*9.59	6.11	*8.50	9.84
	-5 m					14.1	*17.6	11.4	*14.2	9.17	*11.9	7.46	*10.4	6.11	8.71	9.84
	-6 m					13.7	*17.3	10.7	*14.2	8.57	*11.9	7.00	10.0	5.78	8.36	9.84
	-7 m					13.7	*18.6	10.7	*15.2	8.57	12.2	7.00	10.0	5.78	8.36	9.84

with heavy-lifting system

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.

 Hitachi Construction Machinery Co., Ltd.

Head Office: Nippon Bldg., 6-2, 2-chome, Ohtemachi,
Chiyoda-ku, Tokyo 100, Japan

Telephone: Tokyo (03) 3245-6390

Facsimile: Tokyo (03) 3246-2609

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 standard equipment.

