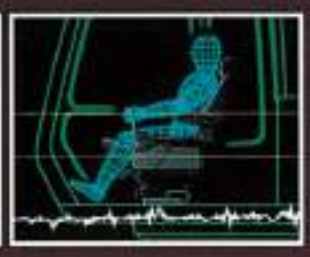
HITACHI

SuperEX
EX300

Rated engine HP: 162 kW(220 PS)
Operating weight
EX300-2: 28 600 kg(63 100 lb)
EX300LC-2: 30 200 kg(66 600 lb)
EX300H-2: 29 300 kg(64 600 lb)
EX300LCH-2: 30 000 kg(66 200 lb)
Bucket capacity
PCSA heaped: 1.15—1.86 m³(1.50—2.43 cu yd)
CECE heaped: 1.00—1.60 m³

SUPERIOR BALANCED PERFORMANCE TAMES THE BIG TASKS

- Most powerful excavating power in its class can handle even hard rocky soil.
- Reinforced front section ensures durability while taming the toughest of tasks.
- Sliding cockpit freely adjusts for ultimate operator comfort.
- New E-P Control gives one-touch selection of operating modes.



The EX300 tames big tasks with the total balanced performance and time-proven durability that only Hitachi can give. The toughest machine in its class is also the gentlest with amenities that both pamper and protect the operator. And the exclusive E.T.S. system ensures maximum work performance from minimal fuel consumption.

SuperEX EX300

HITACHI RELIABILITY ENSURES CONTINUED BALANCED PERFORMANCE

❶ **The Cockpit:** Operator comfort and convenience are a top priority in the Super EX. Sit in the comfortable suspension seat, and notice how relaxed you feel. The seat can slide by itself, or together with the control levers and panel, to adjust to the proportions of any operator. This simultaneous seat/lever movement also makes deep excavation easier and more efficient.

❷ **E-P Control System:** The E-P control system a Hitachi original, regulates both the engine speed and pump delivery flow simultaneously, and switches the power mode to suit the job needs. The system always allows optimum operation by button control of the four operation modes. This enhances productivity and reduces fuel consumption. Auto-idling further reduces fuel consumption. This system also makes possible three-speed travel.

❸ **OHS for Smooth Combined Operation:** OHS (Optimum Hydraulic System) delivers smooth combined operations — travel/swing, travel/bucket, swing/arm and travel/arm — with increased operating efficiency. An extra port is provided as a hydraulic source for use with a variety of attachments.

❹ **Quick Warm-up System for Quick Starts in Cold Weather:** The quick warm-up system can warm-up the pilot circuit for immediate start without time lag in cold climate, even without moving the control levers.

● **The EX300 boasts the strongest excavating power in its class:** Max. digging forcepower 18 100 kgf (39 900 lbf) powerful and efficient in all types of conditions, from hard and rocky to heavy and high viscosity.

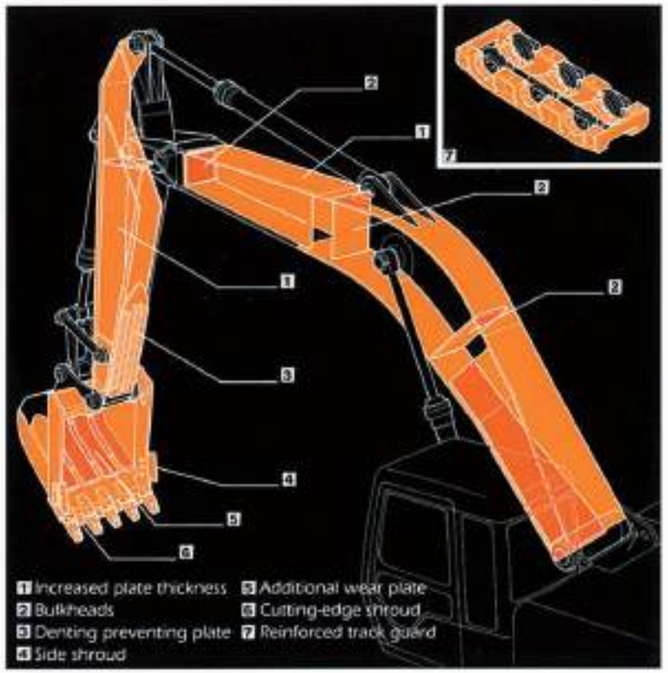
❺ The 220 PS turbo engine was designed for power and economy. Direct injection pumps and a turbocharger squeeze high power out of every drop of fuel. In addition, overall operating noise has been reduced enhancing the comfort of the operator and those around the EX300.

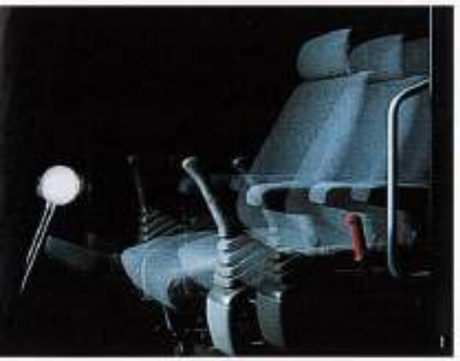
❻ Durability is a Hitachi hallmark. The front section has been strengthened even more and reinforcing plates have been added to the boom and arm. The bulkheads increases the ruggedness of the boom and arm. The EX300 is ready to prove itself under the harshest of operating conditions.

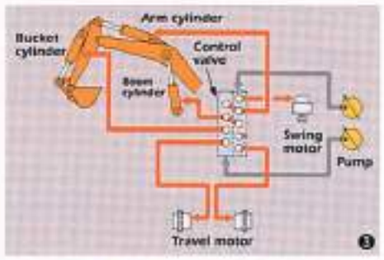
❼ Innovative track engineering will keep the EX300 on the job. The X-type track frame promises durability. Piping for the compact travel motors and other travel devices are strategically mounted inside the frame, far from potential sources of damage. The EX300LC has long 4 870 mm (16'0") track for extra high stability.

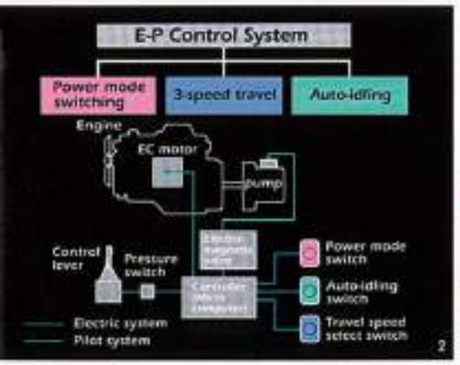
❽ Wide utility space is an integral part of the design. (Height × Depth × Width: 750 mm (2'6") × 715 mm (2'4") 1 260 mm (4'2"))

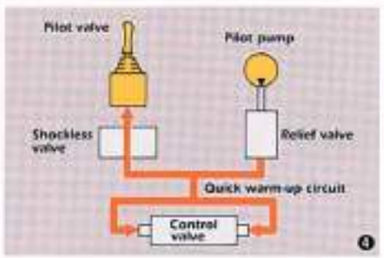
Heavy-duty type

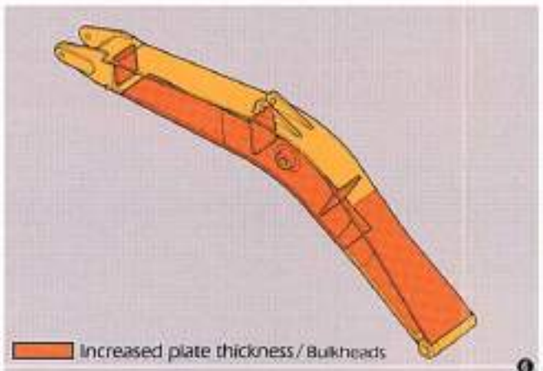


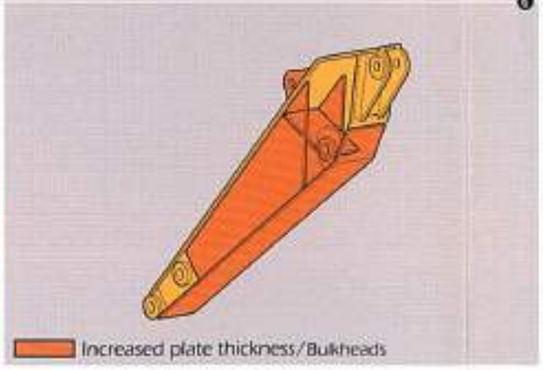


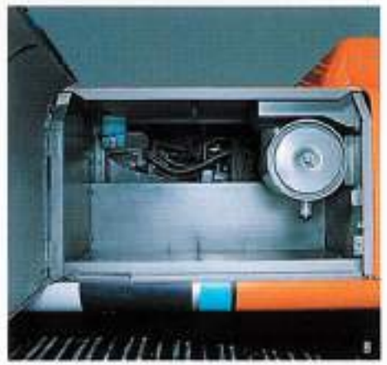












Other Advanced Features

- Ergonomically Designed Lever Grip
- Easy-to-Read curved Monitor with Finger-touch Switches
- Curved Rear Glass Window gives excellent rear view
- Spring-assisted Storable Front Window
- Auto-tuning Radio with Digital Clock
- Pilot-control shutoff lever
- High-performance Air Conditioner (Option)
- Low-noise design makes extensive use of sound-absorbing materials
- FPS-eliminating hydraulic energy loss
- Advanced Shockless valve reduce shocks at starts and stops of swing and front action
- Stroke-end cushion mechanisms are built into the cylinders
- Hydraulic warm-up control system for immediate start in cold weather by increasing the engine speed
- Positive swing/parking brake
- ORS and Tig welding ensure hydraulic line reliability
- Rugged D-section Frame Skirt
- Rugged, monolithically cast bucket link A
- Sealed pin reinforced track links with center struts
- Handrails, steps and nonslip surfaces for servicing convenience
- Large tool box with room for a large can (20 liters, 5 gallons)
- Wave-finned Radiator for Clog Protection
- New-type bucket clearance adjust mechanism
- Centralized lubrication system on elevated points

SPECIFICATIONS

ENGINE

Model	Isuzu 6SD1TPD
Type	4-cycle water-cooled, direct injection
Aspiration	Turbocharged
No. of cylinders	6
Rated flywheel horsepower (DIN 6271, net)	162 kW (220 PS) at 2 000 rpm
Rated flywheel horsepower (SAE J1349, net)	155 kW (208 HP) at 2 000 rpm
Maximum torque	834 N.m (85 kgf.m, 615 lbf.ft) at 1400 rpm
Piston displacement	9.84 l (600 cu in)
Bore and stroke	120 mm x 145 mm (4.7" x 5.7")
Batteries	2 x 12V, 160 AH
Governor	Mechanical, all-speed by stepping motor

HYDRAULIC SYSTEM

Hitachi's New ETS (Electronic Total control System) can achieve maximum job efficiency and reduce fuel consumption/noise.

Main pumps	2 variable displacement axial piston pumps
Maximum oil flow	2 x 273 l/min (72.1 US gpm, 60.1 Imp gpm)
Pilot pump	Gear pump
Maximum oil flow	33.6 l/min (8.9 US gpm, 7.4 Imp gpm)

Hydraulic Motors

Travel	2 x Axial piston motor with parking brake
Swing	1 x Axial piston motor

Relief Valve Settings

Implement circuit	29.4 MPa (300 kgf/cm², 4 270 psi)
Swing circuit	26.4 MPa (270 kgf/cm², 3 840 psi)
Travel circuit	34.3 MPa (350 kgf/cm², 4 980 psi)
Pilot circuit	3.9 MPa (40 kgf/cm², 570 psi)

Hydraulic Cylinders

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

Dimensions

	Quan.	Bore	Rod diameter
Boom	2	145 mm (5.71")	100 mm (3.94")
Arm	1	165 mm (6.50")	110 mm (4.33")
Bucket	1	145 mm (5.71")	95 mm (3.74")

Hydraulic Filters

All hydraulic circuits have high-quality hydraulic filters for protection against oil contamination and longer life of hydraulic components. A suction filter is built in suction line, and a 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 are built in the pilot circuit for easy, precise, fatigue-free operation. Multi rotary pilot control valve is optionally available for simple selection of control lever direction.
2 x Implement levers
2 x Travel levers with pedals

UPPERSTRUCTURE

Revolving Frame

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

Swing Mechanism

High-torque, axial piston motor with planetary reduction gear is bathed in oil. Swing circle is single-row, shear-type ball bearing with induction-hardened internal gear. Internal gear and pinion gear are immersed in lubricant. Swing parking brake is spring-set/hydraulic-released disc type. Swing cushion valve built in swing motor absorbs shocks when stopping swing, ensuring smooth stops.

Swing speed	12.0 min⁻¹ (12.0 rpm)

Operator's Cab

Independent roomy cab, 940 mm (37") wide by 1 645 mm (65") high, conforming to ISO* Standards. Reinforced glass windows on all 4 sides for all-round visibility. Front windows (upper and lower), fully openable, is storable in the cab. Fully adjustable reclining seat with armrests, movable with or without control levers and monitor panel.

* International Standard Organization

UNDERCARRIAGE

Tracks

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

Number of Rollers and Shoes on Each Side

Upper rollers	2	
Lower rollers	8:	EX300-2/EX300H-2
	9:	EX300LC-2/EX300LCH-2
Track shoes	47:	EX300-2/EX300H-2
	50:	EX300LC-2/EX300LCH-2
Track guard	1	

Reinforced track guard is provided on the EX300H-2 and EX300LCH-2.

Traction Device

Each track driven by a high-torque, axial piston motor through planetary reduction gears, allowing counter-rotation of the tracks. Sprockets are easily replaceable. Parking brake is spring-set/hydraulic-released disc type.

Travel speeds	High: 0 to 4.2 km/h (2.6 mph)
	Medium: 0 to 3.3 km/h (2.0 mph)
	Low: 0 to 2.6 km/h (1.6 mph)
Maximum traction force	216 kN (22 000 kgf, 48 500 lbf)
Gradeability	35° (70%) continuous

WEIGHTS AND GROUND PRESSURE

EX300-2/EX300LC-2:
Equipped with 6.40 m (21'0") boom, 3.20 m (10'6") arm, and 1.38 m³ (1.80 cu yd; PCSA heaped) bucket

Shoe type	Shoe width	Operating weight	Ground pressure
Triple grouser	600 mm (24")	28 600 kg (63 100 lb)	58.8 kPa (0.60 kgf/cm², 8.53 psi)
		29 300 kg (64 600 lb)	54.9 kPa (0.56 kgf/cm², 7.96 psi)
	800 mm (31")	29 500 kg (65 000 lb)	45.1 kPa (0.46 kgf/cm², 6.54 psi)
		30 200 kg (66 600 lb)	42.2 kPa (0.43 kgf/cm², 6.11 psi)
Flat type	600 mm (24")	29 700 kg (65 500 lb)	60.8 kPa (0.62 kgf/cm², 8.82 psi)
		30 500 kg (67 300 lb)	56.9 kPa (0.58 kgf/cm², 8.25 psi)
Triangular type	910 mm (36")	30 000 kg (66 200 lb)	41.2 kPa (0.42 kgf/cm², 5.97 psi)
		30 800 kg (67 900 lb)	38.2 kPa (0.39 kgf/cm², 5.55 psi)

Figures in [ ] are data on the EX300LC-2.

Note: Depending on the jobsite conditions, 800 mm (31") Grouser shoe, 600 mm (24") Flat type shoe and 910 mm (36") Triangular type shoe may not be recommended for rock, hard surface or forestry applications.

EX300H-2/EX300LCH-2:
Equipped with 6.40 m (21'0") H-boom, 3.20 m (10'6") H-arm, and 1.38 m³ (1.80 cu yd; PCSA heaped) rock bucket.

	Shoe width	Operating weight	Ground pressure
EX300H-2	Triple grouser 600 mm (24")	29 300 kg (64 600 lb)	59.8 kPa (0.61 kgf/cm², 8.67 psi)
EX300LCH-2		30 000 kg (66 200 lb)	55.9 kPa (0.57 kgf/cm², 8.11 psi)

Operating weight implies total weight of the basic machine plus 6 700 kg (14 800 lb) counterweight and triple grouser shoes, excluding front-end attachment.

EX300-2 ..... 22 600 kg (49 800 lb) with 600 mm (24") shoes.
EX300LC-2 ..... 24 200 kg (53 400 lb) with 800 mm (31") shoes.
EX300H-2 ..... 23 300 kg (51 400 lb) with 600 mm (24") shoes.
EX300LCH-2 ..... 24 000 kg (52 900 lb) with 600 mm (24") shoes.

SERVICE REFILL CAPACITIES

	liters	US gal	Imp gal
Fuel tank	510.0	134.7	112.2
Engine coolant	33.5	8.9	7.4
Engine oil	35.0	9.2	7.7
Pump drive	1.4	0.4	0.3
Swing mechanism	17.0	4.5	3.7
Travel final device (each side)	8.8	2.3	1.9
Hydraulic system	310.0	81.9	68.2
Hydraulic tank	154.0	40.7	33.9

BACKHOE ATTACHMENTS

Boom and arms are of all-welded, low-stress, full box-section design. 6.40 m (21'0") boom, 2.66 m (8'9"), 3.20 m (10'6") and 4.00 m (13'1") arms are available. Bucket is of all-welded, high-strength steel structure. Side clearance adjust mechanism provided on the bucket joint bracket.

EX300H-2/EX300LCH-2: The EX300-2 and EX300LCH-2 are heavy-duty model featuring a reinforced H-boom and H-arm, and durable 1.38 m³ (1.80 cu yd; PCSA heaped) Rock bucket, ensuring outstanding reliability as well as unusual productivity.

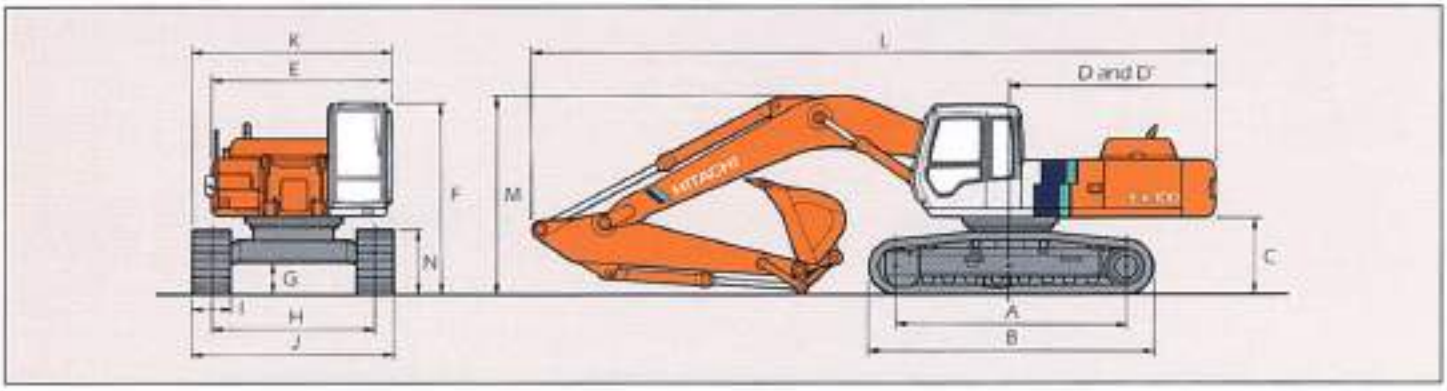
Buckets

Capacity		Width		No. of teeth	Weight	Recommendation						
						EX300-2			EX300LC-2			EX300H, LCH-2
PCSA heaped	CECE heaped	Without side cutters	With side cutters			2.66 m (8'9") arm	3.20 m (10'6") arm	4.00 m (13'1") arm	2.66 m (8'9") arm	3.20 m (10'6") arm	4.00 m (13'1") arm	3.20 m (10'6") H-arm
1.15 m³ (1.50 cu yd)	1.00 m³	1 100 mm (43")	1 230 mm (48")	5	970 kg (2 150 lb)	○	○	○	○	○	○	○
1.38 m³ (1.80 cu yd)	1.20 m³	1 280 mm (50")	1 410 mm (56")	5	1 080 kg (2 380 lb)	○	○	○	○	○	○	○
1.62 m³ (2.12 cu yd)	1.40 m³	1 460 mm (57")	1 600 mm (63")	5	1 150 kg (2 540 lb)	○	○	—	○	○	□	○
1.86 m³ (2.43 cu yd)	1.60 m³	1 640 mm (65")	—	5	1 070 kg (2 360 lb)	□	—	—	□	—	—	—
*1 1.38 m³ (1.80 cu yd)	1.20 m³	1 280 mm (50")	1 410 mm (56")	5	1 290 kg (2 840 lb)	○	○	○	○	○	○	○
*1 1.15 m³ (1.50 cu yd)	1.00 m³	1 100 mm (43")	—	5	1 260 kg (2 780 lb)	●	●	○	●	●	○	●
*1 1.38 m³ (1.80 cu yd)	1.20 m³	—	1 340 mm (53")	5	1 230 kg (2 710 lb)	●	●	○	●	●	○	●
Ripper bucket: 0.92 m³ (1.20 cu yd; PCSA heaped), 0.8 m³ (CECE heaped)		1 010 mm (40")	—	3	1 490 kg (3 290 lb)	●	●	—	●	●	—	●
One-point ripper				1	850 kg (1 880 lb)	●	●	—	●	●	—	●
Clamshell bucket: 0.60 m³ (0.78 cu yd; CECE heaped), Width 940 mm (37")				8	1 240 kg (2 730 lb)	○	○	○	○	○	○	○

*1 Reinforced bucket
*2 Rock bucket
1.38 m³ (1.80 cu yd) Rock bucket equipped with side shroud.
EX300H-2 and EX300LCH-2 equipped with H-front.

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

DIMENSIONS

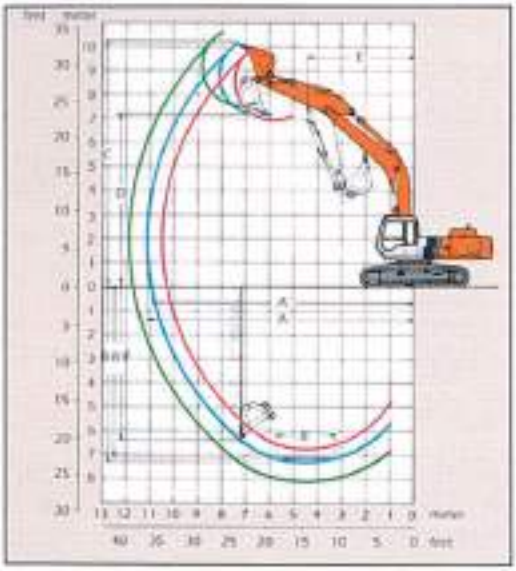


		EX300-2	EX300H-2	EX300LC-2	EX300LCH-2
A	Distance between tumblers	3 710 mm (12'2")	3 710 mm (12'2")	4 010 mm (13'2")	4 010 mm (13'2")
B	Undercarriage length	4 570 mm (15'0")	4 570 mm (15'0")	4 870 mm (16'0")	4 870 mm (16'0")
*C	Counterweight clearance	1 175 mm (3'10")	1 175 mm (3'10")	1 175 mm (3'10")	1 175 mm (3'10")
D	Rear-end swing radius	3 300 mm (10'10")	3 300 mm (10'10")	3 300 mm (10'10")	3 300 mm (10'10")
D'	Rear-end length	3 290 mm (10'10")	3 290 mm (10'10")	3 290 mm (10'10")	3 290 mm (10'10")
E	Overall width of superstructure	2 880 mm (9'5")	2 880 mm (9'5")	2 880 mm (9'5")	2 880 mm (9'5")
F	Overall height of cab	3 010 mm (9'11")	3 010 mm (9'11")	3 010 mm (9'11")	3 010 mm (9'11")
*G	Min. ground clearance	500 mm (1'8")	500 mm (1'8")	500 mm (1'8")	500 mm (1'8")
H	Track gauge	2 590 mm (8'6")	2 590 mm (8'6")	2 590 mm (8'6")	2 590 mm (8'6")
I	Standard track shoe width	G600 mm (24")	G600 mm (24")	G800 mm (31")	G600 mm (24")
J	Undercarriage width	3 190 mm (10'6")	3 190 mm (10'6")	3 390 mm (11'1")	3 190 mm (10'6")
K	Overall width	3 190 mm (10'6")	3 190 mm (10'6")	3 390 mm (11'1")	3 190 mm (10'6")
L	Overall length				
	With 2.66 m (8'9") arm	11 060 mm (36'3")	—	11 060 mm (36'3")	—
	With 3.20 m (10'6") arm	10 940 mm (35'11")	**10 940 mm (35'11")	10 940 mm (35'11")	**10 940 mm (35'11")
	With 4.00 m (13'1") arm	11 010 mm (36'1")	—	11 010 mm (36'1")	—
M	Overall height of boom				
	With 2.66 m (8'9") arm	3 410 mm (11'2")	—	3 410 mm (11'2")	—
	With 3.20 m (10'6") arm	3 200 mm (10'6")	**3 200 mm (10'6")	3 200 mm (10'6")	**3 200 mm (10'6")
	With 4.00 m (13'1") arm	3 490 mm (11'5")	—	3 490 mm (11'5")	—
N	Track height	1 000 mm (3'3")	1 000 mm (3'3")	1 000 mm (3'3")	1 000 mm (3'3")

* Excluding track shoe lug
** Equipped with H-Front

G: Triple grouser shoe

WORKING RANGES

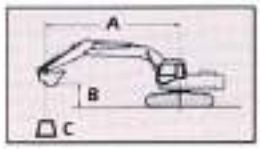


EX300-2/EX300LC-2, EX300H-2/EX300LCH-2

		EX300-2/EX300LC-2			EX300H-2/EX300LCH-2
Arm length		2.66 m (8'9")	3.20 m (10'6")	4.00 m (13'1")	4.40 m (21'0") H-boom 3.20 m (10'6") H-arm
A	Max. digging reach	10 570 mm (34'8")	11 100 mm (36'5")	11 860 mm (38'11")	11 100 mm (36'5")
A'	Max. digging reach (on ground)	10 360 mm (34'0")	10 900 mm (35'9")	11 680 mm (38'4")	10 900 mm (35'9")
B	Max. digging depth	6 840 mm (22'5")	7 380 mm (24'3")	8 180 mm (26'10")	7 380 mm (24'3")
B'	Max. digging depth (8' level)	6 650 mm (21'10")	7 220 mm (23'8")	8 050 mm (26'5")	7 220 mm (23'8")
C	Max. cutting height	9 850 mm (32'4")	10 220 mm (33'6")	10 600 mm (34'9")	10 220 mm (33'6")
D	Max. dumping height	6 810 mm (22'4")	7 120 mm (23'4")	7 490 mm (24'7")	7 120 mm (23'4")
E	Min. swing radius	4 540 mm (14'11")	4 450 mm (14'7")	4 380 mm (14'4")	4 450 mm (14'7")
F	Max. vertical wall	5 610 mm (18'5")	6 480 mm (21'3")	7 360 mm (24'2")	6 480 mm (21'3")
Bucket digging force		177.5 kN (18 100 kgf, 39 900 lbf)	177.5 kN (18 100 kgf, 39 900 lbf)	177.5 kN (18 100 kgf, 39 900 lbf)	177.5 kN (18 100 kgf, 39 900 lbf)
Arm digging force		163.8 kN (16 500 kgf, 36 400 lbf)	134.4 kN (13 700 kgf, 30 200 lbf)	115.7 kN (11 800 kgf, 26 000 lbf)	134.4 kN (13 700 kgf, 30 200 lbf)

Excluding track shoe lug

LIFTING CAPACITIES



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

METRIC MEASURE

EX300-2

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

Conditions	Load point height	Load radius m (ft in) 4 (13'1")		5 (16'15")		6 (19'8")		7 (23'0")		8 (26'3")		9 (29'6")		10 (32'10")		At max. reach		
	m (ft in)																	m @ (ft in)
Boom 6.40 m (21'0") Arm 2.66 m (8'9") Bucket PCSA: 1.38 m² (1.80 cu yd) CECE: 1.20 m³ Shoes 600 mm (24")	6 (19'8")							*5.87 (12.9)	*5.87 (12.9)	4.77 (10.5)	*5.73 (12.6)					3.37 (7.43)	*4.69 (10.3)	9.54 (31'4")
	4 (13'1")			*9.53 (21.0)	*9.53 (21.0)	7.39 (16.3)	*7.87 (17.4)	5.73 (12.6)	*6.90 (15.2)	4.54 (10.0)	*6.28 (13.8)	3.64 (8.03)	5.35 (11.8)			2.89 (6.37)	4.33 (9.55)	10.1 (33'2")
	2 (6'7")					6.62 (14.6)	*9.89 (21.8)	5.25 (11.6)	7.27 (17.1)	4.23 (9.33)	6.27 (13.8)	3.45 (7.61)	5.15 (11.4)			2.74 (6.04)	4.17 (9.19)	10.1 (33'2")
	0 (Ground)			8.07 (17.8)	*9.37 (20.7)	6.21 (13.7)	9.45 (20.8)	4.92 (10.8)	7.42 (16.4)	4.00 (8.82)	6.02 (13.3)	3.30 (7.28)	4.99 (11.0)			2.89 (6.37)	4.40 (9.70)	9.74 (31'11")
	−2 (−6'7")	12.1 (26.7)	*12.2 (26.9)	8.26 (18.2)	*8.92 (19.7)	6.15 (13.6)	9.39 (20.7)	4.84 (10.7)	7.32 (16.1)	3.93 (8.67)	5.94 (13.1)					3.47 (7.65)	5.22 (11.5)	8.79 (28'10")
	−4 (−13'1")	*9.45 (20.8)	*9.45 (20.8)	8.51 (18.8)	*10.2 (22.5)	6.33 (14.0)	*8.74 (19.3)	4.98 (11.0)	*7.34 (16.2)									
	−5 (−16'5")	*9.13 (20.1)	*9.13 (20.1)	*8.20 (18.1)	*8.20 (18.1)	6.54 (14.4)	*6.96 (15.3)											
Boom 6.40 m (21'0") Arm 3.20 m (10'6") Bucket PCSA: 1.38 m² (1.80 cu yd) CECE: 1.20 m³ Shoes 600 mm (24")	6 (19'8")									4.84 (10.7)	*5.19 (11.4)	3.79 (8.36)	*4.87 (9.64)			*2.92 (6.44)	*2.92 (6.44)	10.1 (33'2")
	4 (13'1")					*7.17 (15.8)	*7.17 (15.8)	5.82 (12.8)	*6.37 (14.0)	4.59 (10.1)	*5.85 (12.9)	3.66 (8.07)	5.38 (11.9)			2.58 (5.69)	*3.00 (6.62)	10.6 (34'9")
	2 (6'7")			8.82 (19.4)	*12.0 (26.5)	6.75 (14.9)	*9.34 (20.6)	5.37 (11.7)	*7.78 (17.2)	4.25 (9.37)	6.30 (13.9)	3.45 (7.61)	5.15 (11.4)	2.81 (6.20)	4.27 (9.42)	2.45 (5.40)	*3.24 (7.14)	10.7 (35'1")
	0 (Ground)	*7.39 (16.3)	*7.39 (16.3)	8.23 (18.1)	*10.6 (23.4)	6.24 (13.8)	9.50 (20.9)	4.93 (10.9)	7.43 (16.4)	3.98 (8.78)	6.01 (13.3)	3.26 (7.19)	4.96 (10.9)	2.70 (5.95)	4.15 (9.15)	2.57 (5.67)	*3.71 (8.18)	10.3 (33'10")
	−2 (−6'7")	*9.65 (21.3)	*9.65 (21.3)	8.17 (18.0)	*11.7 (25.8)	6.10 (13.5)	9.34 (20.6)	4.78 (10.5)	7.27 (16.0)	3.86 (8.51)	5.88 (13.0)	3.19 (7.03)	4.88 (10.8)			3.02 (6.66)	*4.58 (10.1)	9.41 (30'10")
	−4 (−13'1")	*10.9 (24.0)	*10.9 (24.0)	8.36 (18.4)	*11.0 (24.3)	6.21 (13.7)	*9.34 (20.6)	4.86 (10.7)	7.35 (16.2)							3.95 (8.71)	5.97 (13.2)	7.82 (25'8")
	−6 (−19'8")			*6.89 (15.2)	*6.89 (15.2)	*5.55 (12.2)	*5.55 (12.2)											
Boom 6.40 m (21'0") Arm 4.00 m (13'1") Bucket PCSA: 1.15 m² (1.50 cu yd) CECE: 1.00 m³ Shoes 600 mm (24")	6 (19'8")											4.00 (8.82)	*4.57 (10.1)	*2.85 (6.28)	*2.85 (6.28)	*2.31 (5.09)	*2.31 (5.09)	10.9 (35'9")
	4 (13'1")									4.78 (10.5)	*5.29 (11.7)	3.82 (8.42)	*5.02 (11.1)	3.08 (6.79)	4.55 (10.0)	2.30 (5.07)	*2.37 (5.23)	11.4 (37'5")
	2 (6'7")			9.32 (20.6)	*10.7 (23.6)	7.05 (15.5)	*8.50 (18.7)	5.51 (12.1)	*7.19 (15.9)	4.41 (9.72)	*6.33 (14.0)	3.57 (7.87)	5.28 (11.6)	2.91 (6.42)	4.38 (9.66)	2.19 (4.83)	*2.55 (5.62)	11.4 (37'5")
	0 (Ground)	*7.99 (17.6)	*7.99 (17.6)	8.41 (18.5)	*13.0 (28.7)	6.40 (14.1)	9.67 (21.3)	5.05 (11.1)	7.56 (16.7)	4.08 (9.00)	6.11 (13.5)	3.34 (7.36)	5.03 (11.1)	2.75 (6.06)	4.21 (9.28)	2.26 (4.98)	*2.90 (6.39)	11.1 (36'5")
	−2 (−6'1")	*8.76 (19.3)	*8.76 (19.3)	8.16 (18.0)	12.7 (28.0)	6.12 (13.5)	9.36 (20.6)	4.81 (10.6)	7.30 (16.1)	3.89 (8.58)	5.90 (13.0)	3.20 (7.06)	4.89 (10.8)	2.68 (5.91)	4.13 (9.11)	2.59 (5.71)	*3.53 (7.78)	10.3 (33'10")
	−4 (−13'1")	12.0 (26.5)	12.2 (26.9)	8.23 (18.1)	*12.1 (26.7)	6.13 (13.5)	9.37 (20.7)	4.80 (10.6)	7.29 (16.1)	3.88 (8.56)	5.90 (13.0)					3.23 (7.12)	4.92 (10.8)	8.88 (29'2")
	−6 (−19'8")	*10.7 (23.6)	*10.7 (23.6)	8.58 (18.9)	*9.08 (20.0)	6.40 (14.1)	*7.62 (16.8)	5.04 (11.1)	*6.17 (13.6)									

EX300H-2

Unit: 1 000 kg (1 000 lb)

Conditions	Load point height	Load radius m (ft in) 4 (13'1")		5 (16'15")		6 (19'8")		7 (23'0")		8 (26'3")		9 (29'6")		10 (32'10")		At max. reach		
	m (ft in)																	m @ (ft in)
Boom 6.40 m (21'0") H-boom Arm 3.20 m (10'6") H-arm Bucket PCSA: 1.38 m² (1.80 cu yd) CECE: 1.20 m³ Rock bucket Shoes 600 mm (24")	6 (19'8")									4.74 (10.5)	*5.00 (11.0)	3.67 (8.09)	*4.23 (9.33)			*2.78 (6.13)	*2.78 (6.13)	10.1 (33'2")
	4 (13'1")					*6.97 (15.4)	*6.97 (15.4)	5.72 (12.6)	*6.17 (13.6)	4.47 (9.86)	*5.64 (12.4)	3.54 (7.81)	5.28 (11.6)			2.44 (5.38)	*2.86 (6.31)	10.6 (34'9")
	2 (6'7")			8.70 (19.2)	*11.8 (26.0)	6.63 (14.6)	*9.11 (20.1)	5.18 (11.4)	*7.56 (16.7)	4.12 (9.08)	6.19 (13.6)	3.32 (7.32)	5.04 (11.1)	2.67 (5.89)	4.15 (9.15)	2.31 (5.09)	*3.10 (6.84)	10.7 (35'1")
	0 (Ground)			8.09 (17.8)	*10.6 (23.4)	6.10 (13.5)	9.39 (20.7)	4.79 (10.6)	7.32 (16.1)	3.84 (8.47)	5.89 (13.0)	3.12 (6.88)	4.84 (10.7)	2.56 (5.64)	4.03 (8.89)	2.42 (5.34)	*3.57 (7.87)	10.3 (33'10")
	−2 (−6'1")	*9.64 (21.3)	*9.64 (21.3)	8.04 (17.7)	*11.7 (25.8)	5.96 (13.1)	9.23 (20.4)	4.64 (10.2)	7.16 (15.8)	3.72 (8.20)	5.76 (12.7)	3.05 (6.73)	4.76 (10.5)			2.88 (6.35)	*4.45 (9.81)	9.41 (30'10")
	−4 (−13'1")	*10.8 (23.8)	*10.8 (23.8)	8.23 (18.1)	*10.8 (23.8)	6.07 (13.4)	*9.10 (20.1)	4.72 (10.4)	7.25 (16.0)							3.81 (8.40)	5.86 (12.9)	7.82 (25'8")
	−6 (−19'8")			*6.66 (14.7)	*6.66 (14.7)	*5.32 (11.7)	*5.32 (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) located on the back of the bucket.
4. * Indicates load limited by hydraulic capacity.

METRIC MEASURE

EX300LC-2

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

Conditions	Load point height	Load radius m (ft in)														At max. reach		
		4 (13'1")		5 (16'15")		6 (19'8")		7 (23'0")		8 (26'3")		9 (29'6")		10 (32'10")				
	m (ft in)																	m @ (ft in)
Boom 6.40 m (21'0") Arm 2.66 m (8'9") Bucket PCSA 1.38 m³ (1.80 cu yd) CECE 1.20 m³ Shoes 800 mm (31")	6 (19'8")							*5.87 (12.9)	*5.87 (12.9)	5.11 (11.3)	*5.73 (12.6)					3.64 (8.03)	*4.69 (10.3)	9.54 (31'4")
	4 (13'1")			*9.53 (21.0)	*9.53 (21.0)	*7.87 (17.4)	*7.87 (17.4)	6.13 (13.5)	*6.90 (15.2)	4.88 (10.8)	*6.28 (13.8)	3.93 (8.67)	*5.90 (13.0)			3.14 (6.92)	*4.84 (10.7)	10.1 (33'2")
	2 (6'7")					7.09 (15.6)	*9.89 (21.8)	5.64 (12.4)	*8.19 (18.1)	4.56 (10.1)	*7.11 (15.7)	3.74 (8.25)	6.15 (13.6)			2.99 (6.59)	5.01 (11.0)	10.1 (33'2")
	0 (Ground)			8.67 (19.1)	*9.37 (20.7)	6.69 (14.8)	*10.8 (23.8)	5.32 (11.7)	8.88 (19.6)	4.33 (9.55)	7.20 (15.9)	3.59 (7.92)	5.98 (13.2)			3.15 (6.95)	5.29 (11.7)	9.74 (31'11")
	−2 (−6'7")	*12.2 (26.9)	*12.2 (26.9)	8.87 (19.6)	*8.92 (19.7)	6.63 (14.6)	*10.5 (23.2)	5.23 (11.5)	8.79 (19.4)	4.26 (9.39)	7.13 (15.7)					3.77 (8.31)	*6.01 (13.3)	8.79 (28'10")
	−4 (−13'1")	*9.45 (20.8)	*9.45 (20.8)	9.12 (20.1)	*10.2 (22.5)	6.81 (15.0)	*8.74 (19.3)	5.38 (11.9)	*7.34 (16.2)									
	−5 (−16'5")	*9.13 (20.1)	*9.13 (20.1)	*8.20 (18.1)	*8.20 (18.1)	*6.96 (15.3)	*6.96 (15.3)											
Boom 6.40 m (21'0") Arm 3.20 m (10'6") Bucket PCSA 1.38 m³ (1.80 cu yd) CECE 1.20 m³ Shoes 800 mm (31")	6 (19'8")									5.17 (11.4)	*5.19 (11.4)	4.08 (9.00)	*4.37 (9.63)			*2.92 (6.44)	*2.92 (6.44)	10.1 (33'2")
	4 (13'1")					*7.17 (15.8)	*7.17 (15.8)	6.21 (13.7)	*6.37 (14.0)	4.92 (10.8)	*5.85 (12.9)	3.95 (8.71)	5.50 (12.1)			2.82 (6.22)	*3.00 (6.62)	10.6 (34'9")
	2 (6'7")			*9.43 (20.8)	*12.0 (26.5)	7.23 (15.9)	*9.34 (20.6)	5.70 (12.6)	*7.78 (17.2)	4.59 (10.1)	*6.77 (14.9)	3.74 (8.25)	*6.08 (13.4)	3.07 (6.77)	5.13 (11.3)	2.69 (5.93)	*3.24 (7.14)	10.7 (35'1")
	0 (Ground)	*7.39 (16.3)	*7.39 (16.3)	8.85 (19.5)	*10.6 (23.4)	6.72 (14.8)	10.6 (23.4)	5.32 (11.7)	*8.78 (19.4)	4.32 (9.53)	7.19 (15.3)	3.55 (7.83)	5.95 (13.1)	2.96 (6.53)	5.01 (11.0)	2.81 (6.20)	*3.71 (8.18)	10.8 (33'10")
	−2 (−6'7")	*9.65 (21.3)	*9.65 (21.3)	8.79 (19.4)	*11.7 (25.8)	6.58 (14.5)	*10.6 (23.4)	5.18 (11.4)	8.73 (19.2)	4.20 (9.26)	7.06 (15.6)	3.48 (7.67)	5.87 (12.9)			3.30 (7.28)	*4.58 (10.1)	9.41 (30'10")
	−4 (−13'1")	*10.9 (24.0)	*10.9 (24.0)	8.97 (19.8)	*11.0 (24.3)	6.69 (14.8)	*9.34 (20.6)	5.25 (11.6)	*7.88 (17.4)							4.28 (9.44)	*6.50 (14.3)	7.82 (25'8")
	−6 (−19'8")			*6.89 (15.2)	*6.89 (15.2)	*5.55 (12.2)	*5.55 (12.2)											
Boom 6.40 m (21'0") Arm 4.00 m (13'1") Bucket PCSA 1.15 m³ (1.50 cu yd) CECE 1.00 m³ Shoes 800 mm (31")	6 (19'8")											4.29 (9.46)	*4.57 (10.1)	*2.85 (6.28)	*2.85 (6.28)	*2.31 (5.09)	*2.31 (5.09)	10.9 (35'9")
	4 (13'1")									5.12 (11.3)	*5.29 (11.7)	4.11 (9.06)	*5.02 (11.1)	3.33 (7.34)	*4.86 (10.7)	*2.37 (5.23)	*2.37 (5.23)	11.4 (37'5")
	2 (6'7")			9.94 (21.9)	*10.7 (23.6)	7.53 (16.6)	*8.50 (18.7)	5.91 (13.0)	*7.19 (15.9)	4.74 (10.5)	*6.33 (14.0)	3.86 (8.51)	*5.73 (12.6)	3.17 (6.99)	5.24 (11.6)	2.41 (5.31)	*2.55 (5.62)	11.4 (37'5")
	0 (Ground)	*7.99 (17.6)	*7.99 (17.6)	9.02 (19.9)	*13.0 (28.7)	6.88 (15.2)	*10.2 (22.5)	5.44 (12.0)	*8.46 (18.7)	4.41 (9.72)	*7.24 (16.0)	3.63 (8.00)	6.03 (13.3)	3.01 (6.64)	5.07 (11.2)	2.49 (5.49)	*2.96 (6.39)	11.1 (36'5")
	−2 (−6'7")	*8.76 (19.3)	*8.76 (19.3)	8.77 (19.3)	*13.2 (29.1)	6.60 (14.6)	*10.8 (23.8)	5.20 (11.5)	8.77 (19.3)	4.23 (9.31)	7.09 (15.6)	3.49 (7.70)	5.88 (13.0)	2.93 (6.46)	4.98 (11.0)	2.84 (6.26)	*3.53 (7.78)	10.3 (33'10")
	−4 (−13'1")	*12.2 (26.9)	*12.2 (26.9)	8.84 (19.5)	*12.1 (26.7)	6.61 (14.6)	*10.1 (22.3)	5.19 (11.4)	*8.47 (18.7)	4.21 (9.28)	7.08 (15.6)					3.52 (7.76)	5.91 (13.0)	8.88 (29'2")
	−6 (−19'8")	*10.2 (23.6)	*10.2 (23.6)	*9.08 (20.0)	*9.08 (20.0)	6.87 (15.1)	*7.62 (16.8)	5.43 (12.0)	*6.17 (13.6)									

EX300LCH-2

Unit: 1 000 kg (1 000 lb)

Conditions	Load point height	Load radius m (ft in)														At max. reach		
		4 (13'1")		5 (16'15")		6 (19'8")		7 (23'0")		8 (26'3")		9 (29'6")		10 (32'10")				
	m (ft in)																	m @ (ft in)
Boom 6.40 m (21'0") H-boom Arm 3.20 m (10'6") H-arm Bucket PCSA 1.38 m³ (1.80 cu yd) CECE 1.20 m³ Rock bucket Shoes 600 mm (24")	6 (19'8")									4.88 (10.8)	*5.00 (11.0)	3.80 (8.38)	*4.23 (9.33)			*2.78 (6.13)	*2.78 (6.13)	10.1 (33'2")
	4 (13'1")					*6.97 (15.4)	*6.97 (15.4)	5.89 (13.0)	*6.17 (13.6)	4.62 (10.2)	*5.64 (12.4)	3.67 (8.09)	*5.29 (11.7)			2.55 (5.62)	*2.86 (6.31)	10.6 (34'9")
	2 (6'7")			8.92 (19.6)	*11.8 (26.0)	6.84 (15.1)	*9.11 (20.1)	5.36 (11.8)	*7.56 (16.7)	4.27 (9.42)	*6.56 (14.5)	3.44 (7.59)	5.81 (12.8)	2.79 (6.15)	4.81 (10.6)	2.42 (5.34)	*3.10 (6.84)	10.7 (35'1")
	0 (Ground)			8.36 (18.4)	*10.6 (23.4)	6.32 (13.9)	*10.4 (22.9)	4.97 (11.0)	*8.47 (18.7)	3.99 (8.80)	6.81 (15.0)	3.25 (7.17)	5.61 (12.4)	2.67 (5.89)	4.69 (10.3)	2.53 (5.58)	*3.57 (7.87)	10.3 (33'10")
	−2 (−6'7")	*9.64 (21.3)	*9.64 (21.3)	8.31 (18.3)	*11.7 (25.8)	6.17 (13.6)	*10.4 (22.9)	4.82 (10.6)	8.30 (18.3)	3.87 (8.53)	6.68 (14.7)	3.18 (7.01)	5.53 (12.2)			3.00 (6.62)	*4.45 (9.81)	9.41 (30'10")
	−4 (−13'1")	*10.8 (23.8)	*10.8 (23.8)	8.50 (18.7)	*10.8 (23.8)	6.28 (13.8)	*9.10 (20.1)	4.89 (10.8)	*7.64 (16.8)							3.96 (8.73)	*6.28 (13.8)	7.82 (25'8")
	−6 (−19'8")			*6.66 (14.7)	*6.66 (14.7)	*5.32 (11.7)	*5.32 (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) located on the back of the bucket.
4. * Indicates load limited by hydraulic capacity.

ENGLISH MEASURE

EX300-2

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

Conditions	Load point height	Load radius ft in														At max. reach		
		5'0"		10'0"		15'0"		20'0"		25'0"		30'0"		35'0"				
	ft in																	@ ft in
Boom 21'0" Arm 8'9" Bucket PCSA 1.80 cu yd Shoes 24"	20'0"									11.6	*12.7					7.50	*10.3	31'2"
	15'0"							*15.9	*15.9	11.1	*13.7	7.85	11.5			6.58	9.82	32'9"
	10'0"							15.1	*19.2	10.5	*15.3	7.60	11.3			6.33	9.28	33'4"
	5'0"							14.0	21.0	9.93	14.8	7.30	11.0			6.06	9.23	33'1"
	0 (Ground)							13.4	20.3	9.52	14.3	7.08	10.7			6.37	9.70	31'11"
	-5'0"					21.0	*22.1	13.2	20.2	9.35	14.1	7.03	10.7			7.22	10.9	29'9"
	-10'0"			*32.2	*32.2	*20.1	*20.1	13.4	20.3	9.44	14.2					9.09	*12.9	26'3"
	-15'0"					*21.3	*21.3	13.8	*17.0									
Boom 21'0" Arm 10'6" Bucket PCSA 1.80 cu yd Shoes 24"	20'0"									*11.5	*11.5	*7.48	*7.48			*6.43	*6.43	33'0"
	15'0"									11.3	*12.7	7.93	11.6			5.87	*6.52	34'6"
	10'0"					23.9	*25.7	15.4	*17.8	10.6	*14.4	7.62	11.3			5.49	*6.62	35'1"
	5'0"							14.2	*21.1	9.99	14.8	7.28	10.9			5.41	*7.35	34'10"
	0 (Ground)					*20.0	*20.0	13.4	20.4	9.50	14.3	7.00	10.6			5.66	*8.19	33'9"
	-5'0"			*13.8	*13.8	*19.3	*19.3	13.1	20.1	9.24	14.0	6.86	10.5			6.33	*9.53	31'9"
	-10'0"			*25.8	*25.8	21.1	*24.7	13.2	20.1	9.23	14.0					7.74	11.7	28'6"
	-15'0"			*18.7	*18.7	21.7	*23.9	13.5	*18.8	9.55	*13.9					*11.1	*11.1	23'6"
Boom 21'0" Arm 13'1" Bucket PCSA 1.50 cu yd Shoes 24"	20'0"											8.53	*10.1			*5.10	*5.10	35'8"
	15'0"											8.30	*10.7			*5.16	*5.16	37'1"
	10'0"					*21.4	*21.4	*15.8	*15.8	11.1	*13.2	7.92	11.6	5.74	8.61	4.90	*5.38	37'7"
	5'0"					22.7	*28.7	14.8	*19.5	10.3	*15.2	7.51	11.2	5.54	8.48	4.82	*5.77	37'5"
	0 (Ground)					21.2	*27.5	13.8	20.8	9.73	14.6	7.15	10.8	5.36	8.29	4.99	*6.40	36'5"
	-5'0"			*15.2	*15.2	20.8	*26.1	13.2	20.2	9.34	14.1	6.91	10.6			5.47	*7.37	34'6"
	-10'0"	*18.3	*18.3	*20.8	*20.8	20.9	*28.6	13.1	20.0	9.20	14.0	6.85	10.5			6.45	*8.97	31'8"
	-15'0"			*21.6	*21.6	21.2	*27.3	13.3	20.2	9.32	14.1					8.51	*11.2	27'3"
	-20'0"			*26.6	*26.6	*21.0	*21.0	13.8	*16.1									

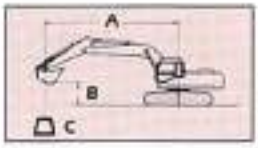
EX300H-2

Unit: 1 000 lb

Conditions	Load point height	Load radius ft in														At max. reach		
		5'0"		10'0"		15'0"		20'0"		25'0"		30'0"		35'0"				
	ft in																	@ ft in
Boom 21'0" H-boom Arm 10'6" H-arm Bucket PCSA 1.80 cu yd Rock bucket Shoes 24"	20'0"									*11.0	*11.0	*7.19	*7.19			*6.12	*6.12	33'0"
	15'0"									11.0	*12.2	7.66	*11.3			5.57	*6.21	34'6"
	10'0"					23.7	*25.2	15.2	*17.4	10.4	*14.0	7.33	11.1			5.18	*6.51	35'1"
	5'0"							13.9	*20.6	9.70	14.6	6.98	10.7			5.10	*7.04	34'10"
	0 (Ground)					*20.0	*20.0	13.1	20.2	9.20	14.1	6.69	10.4			5.34	*7.88	33'9"
	-5'0"			*13.4	*13.4	*19.2	*19.2	12.8	19.8	8.93	13.8	6.55	10.2			6.02	*9.22	31'9"
	-10'0"			*25.8	*25.8	20.8	*24.6	12.9	19.9	8.93	13.8					7.44	11.4	28'6"
	-15'0"			*18.6	*18.6	21.4	*23.4	13.2	*18.2	9.26	*13.4					*10.6	*10.6	23'6"

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

LIFTING CAPACITIES



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

ENGLISH MEASURE

EX300LC-2

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

Conditions	Load point height	Load radius ft in 5'0" over-side	5'0" over-front	10'0" over-side	10'0" over-front	15'0" over-side	15'0" over-front	20'0" over-side	20'0" over-front	25'0" over-side	25'0" over-front	30'0" over-side	30'0" over-front	35'0" over-side	35'0" over-front	At max. reach over-side	At max. reach over-front	At max. reach @ ft in
Boom 21'0" Arm 8'9" Bucket PCSA 1.80 cu yd Shoes 31"	20'0"									12.4	*12.7					8.10	*10.3	31'2"
	15'0"							*15.9	*15.9	11.9	*13.7	8.48	*12.8			7.15	*10.5	32'9"
	10'0"							16.1	*19.2	11.3	*15.3	8.23	*13.3			6.69	*11.0	33'4"
	5'0"							15.0	*22.1	10.7	*16.9	7.93	13.1			6.62	11.1	33'1"
	0 (Ground)							14.4	*23.4	10.3	17.1	7.71	12.9			6.95	11.7	31'11"
	-5'0"					*22.1	*22.1	14.3	*23.1	10.1	16.9	7.66	12.8			7.85	13.1	29'9"
	-10'0"			*32.2	*32.2	*20.1	*20.1	14.4	*21.2	10.2	*16.4					9.82	*12.9	26'3"
	-15'0"					*21.3	*21.3	14.9	*17.0									
Boom 21'0" Arm 10'6" Bucket PCSA 1.80 cu yd Shoes 31"	20'0"									*11.5	*11.5	*7.48	*7.48			*6.43	*6.43	33'0"
	15'0"									12.1	*12.7	8.56	*11.8			6.40	*6.52	34'6"
	10'0"					25.4	*25.7	16.4	*17.8	11.4	*14.4	8.25	*12.6			6.01	*6.82	35'1"
	5'0"							15.2	*21.1	10.8	*16.2	7.90	13.1			5.94	*7.35	34'10"
	0 (Ground)					*20.0	*20.0	14.5	*23.0	10.3	17.1	7.62	12.8			6.20	*8.19	33'9"
	-5'0"			*13.8	*13.8	*19.3	*19.3	14.2	*23.3	10.0	16.9	7.49	12.6			6.91	*9.53	31'9"
	-10'0"			*25.8	*25.8	22.7	*24.7	14.2	*22.0	10.0	16.8					8.41	*11.8	28'6"
	-15'0"			*18.7	*10.7	23.2	*23.9	14.5	*18.8	10.3	*13.9					*11.1	*11.1	23'6"
Boom 21'0" Arm 13'1" Bucket PCSA 1.50 cu yd Shoes 31"	20'0"											9.16	*10.1			*5.10	*5.10	35'0"
	15'0"											8.93	*10.7			*5.16	*5.16	37'1"
	10'0"					*21.4	*21.4	*15.8	*15.8	11.9	*13.2	8.55	*11.7	6.27	8.61	*5.38	*5.38	37'7"
	5'0"					24.2	*28.7	15.8	*19.5	11.1	*15.2	8.14	*12.8	6.07	10.1	5.31	*5.77	37'5"
	0 (Ground)					22.8	*27.5	14.8	*22.1	10.5	*16.9	7.78	13.0	5.89	9.81	5.49	*6.40	36'5"
	-5'0"			*15.2	*15.2	22.3	*26.1	14.3	*23.3	10.1	17.0	7.54	12.7			6.00	*7.37	34'6"
	-10'0"	*18.3	*18.3	*20.8	*20.8	22.4	*28.6	14.1	*22.9	9.98	16.8	7.48	12.6			7.04	*8.97	31'8"
	-15'0"			*21.6	*21.6	22.8	*27.3	14.3	*20.8	10.1	*16.0					9.21	*11.2	27'3"
	-20'0"			*26.6	*26.6	*21.0	*21.0	14.8	*16.1									

EX300LCH-2

Unit: 1 000 lb

Conditions	Load point height	Load radius ft in 5'0" over-side	5'0" over-front	10'0" over-side	10'0" over-front	15'0" over-side	15'0" over-front	20'0" over-side	20'0" over-front	25'0" over-side	25'0" over-front	30'0" over-side	30'0" over-front	35'0" over-side	35'0" over-front	At max. reach over-side	At max. reach over-front	At max. reach @ ft in
Boom 21'0" Hboom Arm 10'6" Harm Bucket PCSA 1.80 cu yd Rock bucket Shoes 24"	20'0"									*11.0	*11.0	*7.19	*7.19			*6.12	*6.12	33'0"
	15'0"									11.4	*12.2	7.93	*11.3			5.81	*6.21	34'6"
	10'0"					24.4	*25.2	15.6	*17.4	10.7	*14.0	7.61	*12.1			5.41	*6.51	35'1"
	5'0"							14.4	*20.6	10.0	*15.7	7.26	12.3			5.33	*7.04	34'10"
	0 (Ground)					*20.0	*20.0	13.6	*22.4	9.54	16.2	6.97	12.0			5.59	*7.88	33'9"
	-5'0"			*13.4	*13.4	*19.2	*19.2	13.3	*22.7	9.28	15.9	6.83	11.8			6.28	*9.22	31'9"
	-10'0"			*25.8	*25.8	21.5	*24.6	13.3	*21.4	9.27	15.9					7.74	*11.5	28'6"
	-15'0"			*18.6	*18.6	22.1	*23.4	13.7	*18.2	9.61	*13.4					*10.6	*10.6	23'6"

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

■ These specifications are subject to change without notice.

STANDARD EQUIPMENT

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

ENGINE

- 30 A alternator
- Dry-type air filter with evacuator valve
- Cartridge-type engine oil filter
- Cartridge-type engine oil bypass filter
- Catridge type heavy-duty fuel filter
- Radiator & oil cooler with dustproof net
- Radiator reserve tank
- Fan guard
- Isolation-mounted engine
- Auto-idling 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
- Swing cushion valve
- Accumulator for pilot circuit
- Control valve with main relief valve
- Extra port for control valve
- Suction filter
- Full-flow 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, adjustable suspension seat with armrests, footrest, electric double horn, auto-tuning radio with digital clock, auto-idle switch, cigarette lighter, ashtray, parcel pocket, rear tray, floor mat, heater, and pilot control shut-off lever.
Front glass scatter preventive film sheet for Heavy-duty type

MONITOR SYSTEM

- Meters:
  Hourmeter, engine coolant temperature gauge and fuel meter.
- Warning lamps:
  Alternator charge, engine oil pressure, engine overheat, air cleaner clog, minimum fuel 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

- Full undercover
- 6 700 kg (14 800 lb) counterweight
- Fuel level gauge
- Hydraulic oil level gauge
- Large tool box
- Utility space
- Rearview mirror
- Swing parking brake
- Reinforced full undercover for Heavy-duty type

UNDERCARRIAGE

- Travel parking brake
- Travel motor covers
- Track guards and hydraulic track adjuster
- Bolt-on sprocket
- Upper roller & Lower roller
- Reinforced track links with pin seals
- 600 mm (24") Triple grouser shoe: EX300-2, EX300H-2 and EX300LCH-2
- 800 mm (31") Triple grouser shoe: EX300LC-2
- Reinforced track guard for Heavy-duty type

FRONT ATTACHMENTS

- Bucket clearance adjust mechanism
- Rugged, monolithically cast bucket link A
- Centralized lubrication system
- Dirt seals on all bucket pins
- 3.20 m (10'6") arm
- 1.38 m³ (1.80 cu yd, PCSA heaped) bucket
- H-boom 6.40 m (21'0") & H-Arm 3.20 m (10'6") for Heavy-duty type
- 1.38 m³ (1.80 cu yd, PCSA heaped) Rock bucket for Heavy-duty type

MISCELLANEOUS

- Standard tool kit
- Lockable machine covers
- Fuel filling cap
- Non-slip tapes and handrails

OPTIONAL EQUIPMENT

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

- Air conditioner
- Defroster
- Headguard
- Seat belt
- Multi selection lever with rotary valve
- Electric fuel refilling pump
- Swing motion alarm device with lamps
- Travel motion alarm device
- Hose rupture valves

Type of Bucket

Rack bucket

Riper bucket

One-point ripper

Clamshell bucket

Type of shoe

Triple grouser shoe
800 mm (31")

Flat shoe
600 mm (24")

Triangular shoe
910 mm (36")

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