

BY NOT BUILDING EVERYTHING, WE COMPROMISE ON NOTHING.

EXCAVATOR FOCUSED. NO DISTRACTIONS.

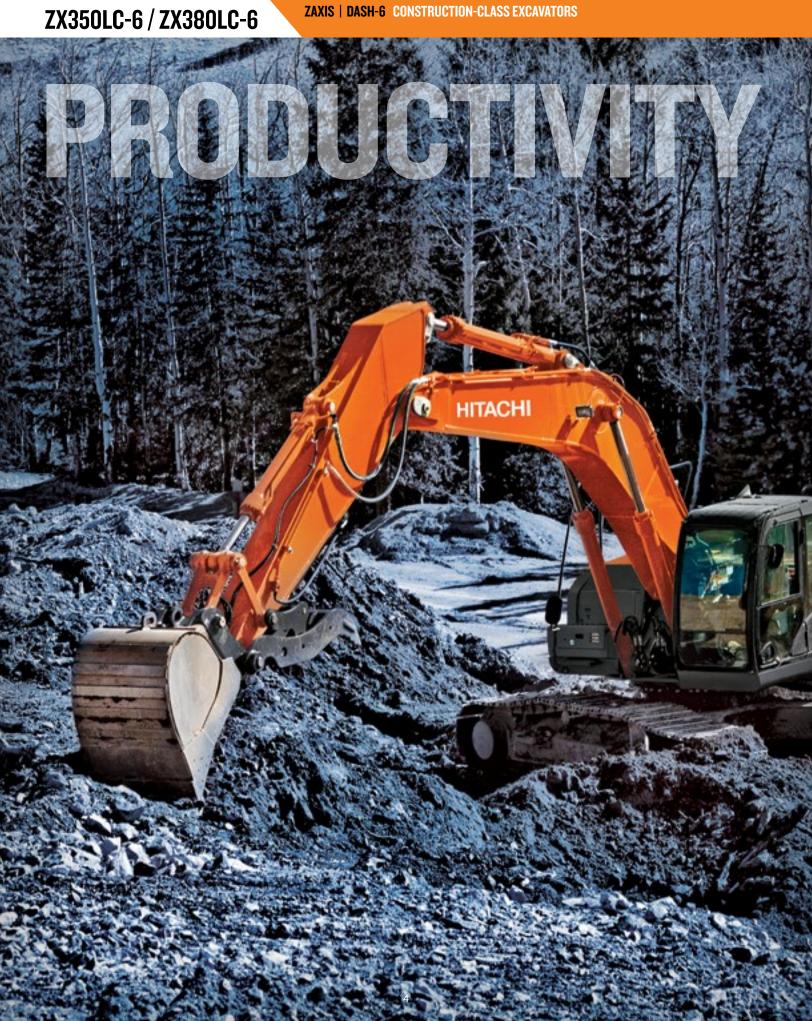
At Hitachi, we don't get sidetracked building every kind of construction equipment. Instead, we build excavators. It's that kind of focus, combined with our legacy of innovative technology, that results in highly efficient, reliable and durable machines — the ZX350LC-6 and ZX380LC-6 are no exceptions.

Hitachi Dash-6 Excavators are purpose-built with productivity-boosting advantages. Front and center is a new, fuel-efficient EPA Final Tier 4 (FT4)/EU Stage IV Isuzu engine that meets rigid emission standards – no diesel particulate filter needed. Generous swing torque, digging force and lift capacity. Spacious cabs designed for operator comfort and productivity. Standard upperstructure handrails for added safety and accessibility. Easy-to-operate controls for smooth and responsive hydraulics. Highly efficient cooling systems. And simplified daily and periodic maintenance thanks to features like single-side ground-level filters and a battery disconnect switch. Add it all up, and you get excavators that keep your jobs...

MOVING AHEAD, NEVER BEHIND.









GET MORE DONE WITH LESS EFFORT.

WORK ANYWHERE, ANYTIME.

When it comes to smooth responsiveness and multifunction capability, Dash-6 Excavators don't disappoint. Our HIOS III hydraulic system perfectly balances engine performance with hydraulic flow. The hydraulic boost system and enhanced boom recirculation generate aggressive boom and arm speed — returning the arm to dig faster, so you can move more dirt in a day.

The ZX350LC-6 and ZX380LC-6 provide power and finesse for big productivity on any job. Take your pick of three work modes to fit the task. High Productivity (H/P) delivers more power and faster hydraulic response. Power (PWR) delivers a balance of power and speed, plus fuel economy for normal operation. Economy (ECO) maximizes fuel efficiency while delivering an enhanced level of productivity.

Need extra stability or lift capacity? Choose from a wide variety of track widths, arm lengths, bucket sizes and teeth, high-flow auxiliary hydraulic packages and other options.

BIG PRODUCTIVITY, BIG PERFORMANCE.

- The pressurized fuel system improves fuel injector operation, and the fuel recirculation system helps prevent fuel gelling in cold climates so you can maintain maximum productivity.
- It's not always about brute force. Unmatched metering and smooth multifunction operation provide plenty of finesse and precision, too.
- Stay on schedule with generous swing torque, digging force and lift capacity.
- Muscle through tough digging by pressing the power-boost button.

A COMFORTABLE OPERATOR IS A MORE PRODUCTIVE OPERATOR.

COMFORTABLE, SAFE AND PRODUCTIVE CABS.

With our spacious, well-appointed cabs, operators are more comfortable. And comfortable operators are more efficient and productive. Silicone-filled cab mounts provide isolation from noise and vibration. A refined, multifunction LCD monitor employs a rotary control that makes it quick and simple to tap into a wealth of performance and convenience functions and features. Operators will also appreciate the wide entryway, fully adjustable high-back sculpted seat, lots of storage and generous legroom. As always, unsurpassed visibility, ergonomically placed loweffort joysticks, a highly efficient HVAC system, plus other features give your operators...

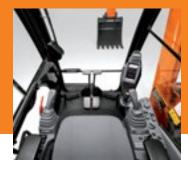
MORE COMFORT, MORE PRODUCTIVITY.



Multi-language LCD monitor and rotary dial provide intuitive access to machine info and functions. Just turn and tap to select work modes, monitor maintenance intervals, check diagnostic codes and set cab temperature. Control oil flow and toggle between dig and thumb modes with a programmable thumbattachment mode.



■ Ergonomically correct shortthrow pilot levers provide smooth, precise control with less effort. Pushbuttons in the right lever allow control of auxiliary hydraulic flow for attachments. Optional sliding switch provides proportional speed control, giving you full command from your fingertips.



Get unobstructed all-around visibility thanks to a new hood design paired with a wide expanse of front, side, and overhead glass and mirrors.



- Whatever your grade system, Topcon, Trimble or Leica, Hitachi offers a grade reference ready package that reduces installation time by half.
- Operators get maximum support from a sculpted mechanical-suspension high-back seat. Seat has 318 mm (12.5 in.) of travel, sliding together or independent of the joystick console. For even more comfort, opt for the air-suspension heated seat.
- Optional cab and right-side boom lights provide extra illumination to extend your production.
- Automatic, high-velocity bi-level climate-control system with automotive-style adjustable louvers helps keep the glass clear, the cab comfortable and the operator productive.

ZX350LC-6 / ZX380LC-6



- Our field-proven technology is simple and efficient, employing cooled exhaust gas recirculation (EGR), a diesel oxidation catalyst (DOC) and selective catalytic reduction (SCR). An improved piston design allows particulate matter to be burned in cylinder, so there's no need for a diesel particulate filter (DPF).
- Reinforced D-channel side frames provide maximum cab and component impact protection.
- Tungsten-carbide coated wear surfaces protect the critical bucket-to-arm joint.
- Oil-impregnated bushings enhance durability and extend lube intervals to 500 hours for the arm-and-boom joint and IOO hours for the bucket joint.
- With large idlers, rollers and strutted track links, the sealed and lubricated undercarriage is built for the long haul.



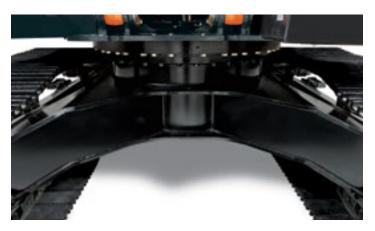
DURABILITY BUILT-IN. DOWNTIME TOSSED OUT.

TOUGHNESS YOU CAN COUNT ON.

When you've got places to go and deadlines to meet, you want reliable equipment like the ZX350LC-6 and ZX380LC-6. Built to deliver dependable performance, they're armed with everything you need — and more. D-channel side frames house and protect the highly efficient coolers and FT4/Stage IV Isuzu diesel engines. Toughness is built into the heavy-duty undercarriage, digging structures, and hydraulic and electrical components. Added strength comes from welded bulkheads within the boom that resist torsional stress, tungsten-carbide thermal-coated arm surfaces and oil-impregnated bushings. Booms, arms and mainframes are so tough, they're warranted for three years or I0,000 hours, whichever comes first. Add it all up and our Dash-6 Excavators give you...

BIG-TIME UPTIME.

■ Thick-plate single-sheet mainframe, box-section track frames and industry-exclusive double-seal swing bearing deliver rock-solid durability.

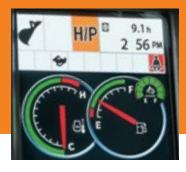


EASY MAINTENANCE FOR MORE PRODUCTIVITY.

LOWER OPERATING COSTS.

From the convenient handrails that provide easy engine access to the grouped service points — the ZX350LC-6 and ZX380LC-6 are loaded with time- and money- saving advantages. Productivity is maximized with 500- and 5,000-hour engine and hydraulic oil-service intervals. And easy-to-check sight gauges and fluid reservoirs, quick-change remotemounted filters, and convenient fluid-sample ports minimize downtime for periodic maintenance. Scheduled maintenance is easy to track using ZXLinkTM and the in-cab diagnostic monitor. Pair these features with a dealer-customized Ultimate Uptime package, and you get...

LESS MAINTENANCE, MORE UPTIME.



■ Easy-to-navigate LCD monitor issues scheduled maintenance alerts and diagnostic information. Additionally, the hydraulic temperature gauge on the monitor screen helps prevent downtime.



Centralized lube banks place zerks within easy reach, making greasing less messy and timeconsuming.



■ Engine oil, fuel and hydraulic pilot oil filters are all located on the same side at ground level for easy servicing.



- Upperstructure handrails provide added safety when servicing the engine compartment, and a larger hood gives you better engine accessibility.
- Auto-idle, which reduces engine speed when hydraulics aren't in use, and auto-shutdown contribute to fuel efficiency.
- A battery disconnect switch, located in the rear door behind the cab, is easily accessible and extends battery life.
- The FT4 engine solution does not require a diesel particulate filter (DPF), saving service time and lowering operating costs.

ZX350LC-6 SPECS

ZX350LC-6

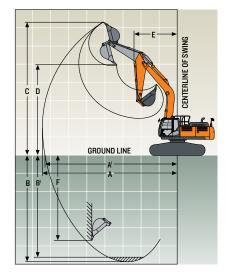
Fugino	7V2E0LC C		
Engine Manufacturer and Model	ZX350LC-6 Isuzu 6HKI		
Non-Road Emission Standard	EPA Final Tier 4 / EU S	taga IV	
Net Rated Power (ISO 9249)			
, ,	202 kW (27l hp) at 1,9	oo rpiii	
Cylinders			
Displacement	7.8 L (475 cu. in.)		
Off-Level Capacity	70% (35 deg.)	to the same the same	
Aspiration	Turbocharged, air-to-a	ir cnarge-air cooler	
Cooling		11 11 11 1	
	d cool-on-demand hydra	ulic-driven, suction-typ	e fan with remote-mounted drive for hydraulic oil cooler
Powertrain			
2-speed propel with automatic shift			
Maximum Travel Speed	0.01 /1 /0.0 1)		
Low	3.2 km/h (2.0 mph)		
High	5.0 km/h (3.1 mph)		
Drawbar Pull	30 350 kg (66,900 lb.)	
Hydraulics			
Open center, load sensing			
Main Pumps	2 variable-displacemen		
Maximum Rated Flow	288 L/m (76.1 gpm) x 3	2	
System Operating Pressure			
Circuits			
Implement	34 300 kPa (4,975 psi		
Travel	35 500 kPa (5,149 psi)		
Swing	33 300 kPa (4,830 psi)	
Power Boost	38 000 kPa (5,511 psi)		
Controls	Pilot levers, short-stro	ke, low-effort hydraulic	pilot controls with shutoff lever
Cylinders			
Heat-treated, chrome-plated, polished cylinder re	ods, hardened steel (repla	aceable bushings) pivot	pins
	Bore	Rod Diameter	Stroke
Boom (2)	145 mm (5.7 in.)	100 mm (3.9 in.)	1520 mm (59.8 in.)
Arm (1)	170 mm (6.7 in.)	115 mm (4.5 in.)	1740 mm (68.5 in.)
Bucket (I)	140 mm (5.5 in.)	95 mm (3.7 in.)	1250 mm (49.2 in.)
Mass-Excavating (ME) Bucket (I)	145 mm (5.7 in.)	95 mm (3.7 in.)	1250 mm (49.2 in.)
Electrical			
Number of Batteries (I2 volt)	2		
Battery Capacity	1,000 CCA		
Alternator Rating	50 amp		
Work Lights	2 halogen (one mount	ed on boom, one on fran	ne)
Undercarriage			
Rollers (each side)			
Carrier	2		
Track	8		
Shoes, Triple Semi-Grousers (each side)	48		
Track			
Adjustment	Hydraulic		
Guides	3 per side		
Chain	Sealed and lubricated		
Ground Pressure			
800-mm (32 in.) Triple Semi-Grouser Shoes	49.3 kPa (7.15 psi)		
Swing Mechanism	. 5.5 a (1116 poi)		
Speed	10.7 rpm		
•	120 000 Nm (88,500 I	h -ft)	
Torque			

Serviceability	ZX350LC-6	
Refill Capacities		
Fuel Tank	630 L (166 gal.)	
Diesel Exhaust Fluid (DEF) Tank	70 L (18 gal.)	
Cooling System	45 L (12 gal.)	
Engine Oil with Filter	48 L (13 gal.)	
Hydraulic Tank	180 L (48 gal.)	
Hydraulic System	340 L (90 gal.)	
Swing Drive	15.7 L (16.6 qt.)	
Gearbox		
Propel (each)	9.2 L (9.7 qt.)	
Pump Drive	I.I L (I.2 qt.)	
Operating Weights		

Operating Weights

With full fuel tank; 79-kg (175 lb.) operator; 1.4-m³ (1.8 cu. yd.), 1370-mm (54 in.), 1160-kg (2,557 lb.) bucket; 4.0-m (13 ft. 1 in.) arm; 6900-kg (15,212 lb.) counterweight; and 800-mm (32 in.) triple semi-grouser shoes Operating Weight 35 090 kg (77,360 lb.)

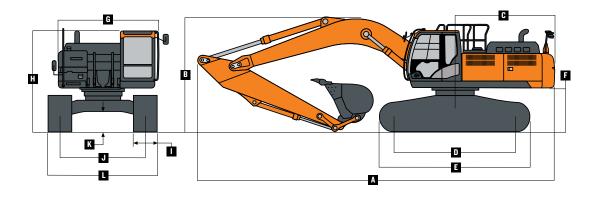
Uperating Weight	35 U9U kg (77,360 lb.)
Component Weights	
Undercarriage w/ Triple Semi-Grouser Shoes	
800-mm (32 in.)	12 710 kg (28,021 lb.)
One-Piece Boom (with arm cylinder)	
6.4 m (21 ft. 0 in.)	3246 kg (7,156 lb.)
5.7 m (18 ft. 8 in.) ME	3173 kg (6,995 lb.)
Arm with Bucket Cylinder and Linkage	
2.10 m (6 ft. 10 in.) ME	1830 kg (4,034 lb.)
2.67 m (8 ft. 9 in.) Heavy-Duty (HD)	1904 kg (4,198 lb.)
3.20 m (I0 ft. 6 in.)	1811 kg (3,993 lb.)
4.00 m (13 ft. 1 in.)	1935 kg (4,266 lb.)
Boom Lift Cylinders (2), Total Weight	290 kg (639 lb.)



Operating Dimension	ins					
Arm Length		2.1 m (6 ft. 10 in.)	2.67 m (8 ft. 9 in.)	2.67 m (8 ft. 9 in.)	3.2 m (10 ft. 6 in.)	4.0 m (13 ft. 1 in.)
Boom Length		5.7 m (18 ft. 8 in.)	5.7 m (18 ft. 8 in.)	6.4 m (21 ft. 0 in.)	6.4 m (21 ft. 0 in.)	6.4 m (21 ft. 0 in.)
Arm Digging For	ce					
SAE		275 kN (61,822 lb.)	213 kN (47,884 lb.)	213 kN (47,884 lb.)	177 kN (39,791 lb.)	153 kN (34,396 lb.)
ISO		288 kN (64,745 lb.)	222 kN (49,908 lb.)	222 kN(49,908 lb.)	185 kN (41,590 lb.)	159 kN (35,745 lb.)
Bucket Digging I	Force					
SAE		229 kN (51,481 lb.)	214 kN (48,109 lb.)	214 kN (48,109 lb.)	214 kN (48,109 lb.)	214 kN (48,109 lb.)
ISO		264 kN (59,350 lb.)	246 kN (55,303 lb.)	246 kN (55,303 lb.)	246 kN (55,303 lb.)	246 kN (55,303 lb.)
A Maximum Read	:h	9.41 m (30 ft. 10 in.)	9.93 m (32 ft. 7 in.)	10.57 m (34 ft. 8 in.)	II.IO m (36 ft. 5 in.)	II.86 m (38 ft. II in.)
A Maximum Read	h at Ground Level	9.16 m (30 ft. 1 in.)	9.69 m (31 ft. 9 in.)	10.36 m (34 ft. 0 in.)	10.89 m (35 ft. 9 in.)	II.67 m (38 ft. 3 in.)
B Maximum Digg	ing Depth	5.62 m (18 ft. 5 in.)	6.22 m (20 ft. 5 in.)	6.84 m (22 ft. 5 in.)	7.38 m (24 ft. 3 in.)	8.18 m (26 ft. 10 in.)
B Maximum Diggi	ng Depth at					
2.44-m (8 ft.) Flat Bottom	5.39 m (17 ft. 8 in.)	6.02 m (19 ft. 9 in.)	6.64 m (21 ft. 9 in.)	7.21 m (23 ft. 8 in.)	8.04 m (26 ft. 5 in.)
C Maximum Cutti	ng Height	9.43 m (30 ft. II in.)	9.66 m (31 ft. 8 in.)	9.99 m (32 ft. 9 in.)	10.36 m (34 ft. 0 in.)	10.75 m (35 ft. 3 in.)
D Maximum Dum	ping Height	6.39 m (20 ft. 12 in.)	6.60 m (21 ft. 8 in.)	6.94 m (22 ft. 9 in.)	7.24 m (23 ft. 9 in.)	7.63 m (25 ft. 0 in.)
E Minimum Swin	g Radius	4.04 m (13 ft. 3 in.)	4.05 m (13 ft. 3 in.)	4.61 m (15 ft. 1 in.)	4.46 m (14 ft. 8 in.)	4.47 m (I4 ft. 8 in.)
F Maximum Verti	cal Wall	4.15 m (13 ft. 7 in.)	4.78 m (15 ft. 8 in.)	5.51 m (18 ft. 1 in.)	6.42 m (21 ft. 1 in.)	7.27 m (23 ft. 10 in.)

ZX350LC-6 SPECS

Ma	chine Dimensions	ZX350LC-6
Α	Overall Length	
	2.1-m (6 ft. 10 in.) ME arm / 5.7-m (18 ft. 8 in.) ME boom	10.99 m (36 ft. 1 in.)
	2.67-m (8 ft. 9 in.) HD arm / 5.7-m (18 ft. 8 in.) ME boom	II.34 m (37 ft. 2 in.)
	2.67-m (8 ft. 9 in.) HD arm / 6.4-m (21 ft. 0 in.) boom	II.33 m (37 ft. 2 in.)
	3.2-m (10 ft. 6 in.) arm / 6.4-m (21 ft. 0 in.) boom	II.20 m (36 ft. 9 in.)
	4.0-m (13 ft. 1 in.) arm / 6.4-m (21 ft. 0 in.) boom	II.29 m (37 ft. 0 in.)
В	Overall Height	
	2.1-m (6 ft. 10 in.) ME arm / 5.7-m (18 ft. 8 in.) ME boom	4.04 m (13 ft. 3 in.)
	2.67-m (8 ft. 9 in.) HD arm / 5.7-m (18 ft. 8 in.) ME boom	3.47 m (II ft. 5 in.)
	2.67-m (8 ft. 9 in.) HD arm / 6.4-m (21 ft. 0 in.) boom	3.47 m (II ft. 5 in.)
	3.2-m (10 ft. 6 in.) arm / 6.4-m (21 ft. 0 in.) boom	3.27 m (10 ft. 9 in.)
	4.0-m (13 ft. 1 in.) arm / 6.4-m (21 ft. 0 in.) boom	3.60 m (II ft. 10 in.)
C	Swing Radius	3.60 m (II ft. IO in.)
D	Distance Between Idler/Sprocket Centerline	4.05 m (13 ft. 3 in.)
Ε	Undercarriage Length	4.94 m (16 ft. 2 in.)
F	Counterweight Clearance	I.18 m (3 ft. 10 in.)
G	Upperstructure Width	2.99 m (9 ft. 10 in.)
Н	Cab Height	3.14 m (10 ft. 4 in.)
ı	Track Width with Triple Semi-Grouser Shoes	600 mm (24 in.) / 700 mm (28 in.) / 800 mm (32 in.)
J	Gauge Width	2.59 m (8 ft. 6 in.)
K	Ground Clearance	0.5I m (20 in.)
L	Overall Width with Triple Semi-Grouser Shoes	
	600 mm (24 in.)	3.19 m (10 ft. 6 in.)
	700 mm (28 in.)	3.29 m (IO ft. IO in.)
	800 mm (32 in.)	3.39 m (II ft. 2 in.)



Lift Charts	ZX350LC-6	;										
Boldface type indicates hydraulical	ly limited capacity; lightfa	ce type indicate	s stability-limited	capacities, in k	g (lb.). All lift cap	acities are base	d on ISO 10567 (v	vith power boos	t). Machine equip	ped with 800-m	m (32 in.) shoes;	standard
gauge; and situated on firm, uniform												
Load Point Height	1.5 m	(5 ft.)	3.0 m ((10 ft.)	4.5 m	(15 ft.)	6.0 m	(20 ft.)	7.5 m ((25 ft.)	9.0 m (30 ft.)
Horizontal Distance from												
Centerline of Rotation	Over Front	Over Side	Over Front	Over Side	Over Front	Over Side	Over Front	Over Side	Over Front	Over Side	Over Front	Over Sid
With 2.1-m (6 ft. 10 in.) ME arm, 5	.7-m (18 ft. 8 in.) ME bo	om and I273-kg	g (2806 lb.) buck	et								
6.0 m (20 ft.)							(00,000)	8750				
4 E (1E &)					15 050	10 550	(23,900)	(18,800)				
4.5 m (I5 ft.)					(32,350)	13 550 (29,200)	11 800 (25,650)	8400 (18,050)				
3.0 m (I0 ft.)					(32,330)	(23,200)	13 100	7950	9200	5500		
0.0 iii (10 ii.)							(28,350)	(17,100)	(19,800)	(11,750)		
1.5 m (5 ft.)							13 050	7550	9050	5300		
(*)							(28,000)	(16,250)	(19,400)	(11,450)		
Ground Line					19 350	II 550	12 800	7350	(- , ,	(,,		
					(41,950)	(24,800)	(27,500)	(15,850)				
-1.5 m (-5 ft.)					17 600	11 600	12 800	7350				
			(48,100)	(48,100)	(38,150)	(24,950)	(27,550)	(15,900)				
-3.0 m (-10 ft.)			17 750	17 750	14 050	II 950						
			(38,500)	(38,500)	(30,150)	(25,700)						
With 2.67-m (8 ft. 9 in.) HD arm, !	5.7-m (18 ft. 8 in.) ME bo	oom and I273-k	g (2,806 lb.) buc	ket								
6.0 m (20 ft.)							9950	9000				
()							(21,800)	(19,250)				
4.5 m (15 ft.)					13 700	13 700	(11 050	8600	9550	5800		
0.0 (10.6)					(29,550)	(29,550)	(23,950)	(18,500)	(20,500)	(12,400)		
3.0 m (10 ft.)					17 000 (36,550)	12 850 (27,700)	12 500 (27,050)	8100 (17,500)	9350 (20,050)	5600 (11,950)		
1.5 m (5 ft.)					19 250	12 000	13 200	7700	9100	5350		
1.3 111 (3 11.)					(41,550)	(25,850)	(28,350)	(16,550)	(19,550)	(11,550)		
Ground Line					19 650	11 650	12 900	7400	8950	5250		
					(42,600)	(25,050)	(27,700)	(15,950)	(19,250)	(11,250)		
-1.5 m (-5 ft.)			19 100	19 100	18 500	II 650	12 800	7350	(-,,	(,,		
			(43,400)	(43,400)	(40,100)	(25,000)	(27,500)	(15,850)				
-3.0 m (-10 ft.)			21 100	21 100	15 700	11 850	11 400	7500				
			(45,750)	(45,750)	(33,900)	(25,450)	(24,200)	(16,200)				
-4.5 m (-15 ft.)					9700	9700						
W:: 0.07 (0.6.0: \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	0.4 (016.01.)	11070 1 . (6	200011 \ 1 . 1 .									
With 2.67-m (8 ft. 9 in.) HD arm, (0.4-m (∠I π. U In.) boom	and 12/3-kg (2	.,oub ib.) bucket				0070	0070	0040	0040		
6.0 m (20 ft.)							9370 (20,380)	9370 (20,220)	8640 (18,970)	6340 (13,590)		
4.5 m (I5 ft.)					13 990	13 990	(20,380)	8950	9170	6150		
III (10 II.)					(29,980)	(29,980)	(23,210)	(19,280)	(19,960)	(13,220)		
3.0 m (I0 ft.)					17 510	13 040	12 340	8430	9750	5900		
(.•)					(37,570)	(28,140)	(26,640)	(18,160)	(20,950)	(12,690)		
1.5 m (5 ft.)					\- //	, -,	13 610	8000	9490	5670		
,					(37,770)	(26,560)	(29,310)	(17,240)	(20,410)	(12,200)		
Ground Line					19 190	12 130	13 360	7770	9330	5520		
					(42,350)	(26,070)	(28,700)	(16,720)	(20,050)	(11,880)		
-1.5 m (-5 ft.)			12 790	12 790	18 520	12 160	13 290	7710	9290	5490		
			(29,200)	(29,200)	(40,190)	(26,120)	(28,550)	(16,590)	(19,990)	(11,820)		
-3.0 m (-10 ft.)			21 520	21 520	16 430	12 350	12 430	7820				
. = (.= .)			(46,790)	(46,790)	(35,560)	(26,550)	(26,770)	(16,840)				
-4.5 m (-15 ft.)			16 160	16 160	12 550	12 550						
			(34,620)	(34,620)	(26,720)	(26,720)						

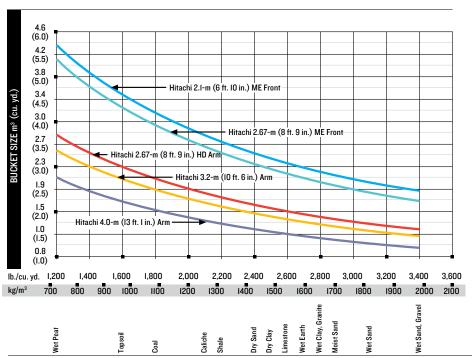
ZX350LC-6 SPECS

Lift Charts	ZX350LC-6	;										
Boldface type indicates hydraulically	y limited capacity; lightfa	ace type indicate	s stability-limited	capacities, in k	g (lb.). All lift cap	acities are based	d on ISO 10567 (v	vith power boost). Machine equip	ped with 800-m	m (32 in.) shoes;	standard
gauge; and situated on firm, uniform	n supporting surface. Tot	al load includes	weight of cables,	hook, etc. Figur	es do not exceed	87 percent of hy	draulic capacitie	s or 75 percent o	of weight needed	to tip machine.		
Load Point Height	1.5 m	(5 ft.)	3.0 m	(10 ft.)	4.5 m	(15 ft.)	6.0 m	(20 ft.)	7.5 m	(25 ft.)	9.0 m	(30 ft.)
Horizontal Distance from												
Centerline of Rotation	Over Front	Over Side	Over Front	Over Side	Over Front	Over Side	Over Front	Over Side	Over Front	Over Side	Over Front	Over Sid
With 3.20-m (10 ft. 6 in.) arm, 6.4-	-m (21 ft. 0 in.) boom ar	nd 1273-kg (2,80	06 lb.) bucket									
6.0 m (20 ft.)									7960	6440		
									(17,430)	(13,810)		
4.5 m (15 ft.)							9960	9100	8610	6230		
,							(21,550)	(19,600)	(18,740)	(13,370)		
3.0 m (IO ft.)					16 250	13 410	11 680	8560	9480	5950	6360	4430
,					(34,880)	(28,920)	(25,230)	(18,440)	(20,580)	(12,800)		
1.5 m (5 ft.)					18 820	12 520	13 160	8080	9520	5690	7190	4310
(5)					(40,590)	(26,970)	(28,450)	(17,410)	(20,460)	(12,240)	(15,430)	(9,230
Ground Line					19 600	12 150	13 390	7780	9310	5510	7050	4180
					(42,440)	(26,120)	(28,750)	(16,750)	(20,020)	(11,840)	(15,150)	(8,970
-1.5 m (-5 ft.)			12 220	12 220	19 070	12 080	13 250	7660	9220	5430	6960	4100
			(27,720)	(27,720)	(41,350)	(25,960)	(28,450)	(16,490)	(19,830)	(11,670)	(14,960)	(8,800
-3.0 m (-10 ft.)	14 530	14 530	19 970	19 970	17 430	12 210	13 030	7710	9290	5480	(1,000)	(0,00
0.0 (10)	(32,600)	(32,600)	(45,330)	(45,330)	(37,730)	(26,230)	(28,110)	(16,590)	(20,000)	(11,820)		
-4.5 m (-15 ft.)	(02,000)	(02,000)	19 200	19 200	14 280	12 530	10 490	7950	(20,000)	(,020)		
4.0 iii (10 ii.)			(41,260)	(41,260)	(30,590)	(26,960)	(22,170)	(17,150)				
With 4.0-m (13 ft. 1 in.) arm, 6.4-m	(21 ft. () in) hoom and	1273-kg (2.806		(41,200)	(00,000)	(20,000)	(LL,110)	(11,100)				
7.5 m (25 ft.)	(2: 1:: 0 ::::) 200::: 4::4	og (_,ooo	isi, suchoi									
7.5 III (E5 II.)									(14,660)	(14,340)		
6.0 m (20 ft.)									6,940	6580	5700	4600
0.0 iii (20 ii.)									(15,190)	(14,110)	(11,000)	(9,810
4.5 m (15 ft.)									7700	6340	7140	4500
4.5 III (15 II.)									(16,760)	(13,600)	(15,550)	(9,620
3.0 m (IO ft.)					14 170	13 920	10 530	8750	8700	6030	7230	4340
0.0 III (10 II.)					(30,440)	(30,010)	(22,750)	(18,840)	(18,870)	(12,950)	(15,510)	(9,290
1.5 m (5 ft.)					17 420	12 800	12 280	8190	9560	5720	7040	4170
1.5 111 (5 11.)					(37,540)	(27,580)	(26,550)	(17,630)	(20,550)	(12,290)	(15,120)	(8,930
Ground Line			6960	6960	19 120	12 170	13 410	7790	9290	5480	6900	4030
Ground Line			(15,920)	(15,920)	(41,350)	(26,180)	(28,800)	(16,750)	(19,970)	(11,770)	(14,810)	(8,650
-1.5 m (-5 ft.)	7010	7010	(15,920)	(15,920)	19 370	(26,180 <i>)</i> II 930	13 160	7570	9130	5330	6820	3960
-1.5 M (-5 H.)	(15,670)	(15,670)	(25,190)	(25,190)	(41,950)	(25,640)	(28,260)	(16,280)	(19,620)	(II,460)	(14,660)	(8,510
-3.0 m (-10 ft.)	(15,670)	(15,670)	(25,190 <i>)</i> 16 550	(25,190 <i>)</i>	(41,950)	(25,640)	13 110	7530	9100	5310	(14,000)	(0,310
-3.0 III (-10 II. <i>)</i>												
4 E (1E 44)	(26,040)	(26,040)	(37,530)	(37,530)	(39,880)	(25,670)	(28,150)	(16,190)	(19,580)	(11,420)		
-4.5 m (-15 ft.)	17 110 (20 570)	17 110 (20 570)	22 900	22 900	(24.010)	12 160	(25.050)	7660	8670	5450		
0.0 (00.0)	(38,570)	(38,570)	(49,330)	(49,330)	(34,810)	(26,160)	(25,650)	(16,490)	(18,130)	(11,780)		
-6.0 m (-20 ft.)			16 290	16 290	(11790	(11790	7960	7960				
			(34,320)	(34,320)	(24,700)	(24,700)						

Buckets ZX350LC-6

A full line of buckets is offered to meet a wide variety of applications. Digging forces are with power boost. Buckets are equipped with ESCO teeth standard. Replaceable cutting edges and a variety of teeth are available through dealer parts. Optional side cutters add I50 mm (6 in.) to bucket widths. Capacities are SAE heaped ratings.

									Arm D	ig Force	Arm D	ig Force	Arm D	ig Force			Number
Type Bucket	Bucket	Width	Bucket	Capacity	Bucket	t Weight	Bucket I	Dig Force	2.67 m (8	ft. 9 in.) HD	3.2 m (I	0 ft. 6 in.)	4.0 m (I	3 ft. 1 in.)	Bucket 1	Tip Radius	of Teeth
	mm	in.	m³	cu. yd.	kg	lb.	kN	lb.	kN	lb.	kN	lb.	kN	lb.	mm	in.	
General Purpose, High Capacity	1524	60	2.13	2.78	1673	3,687	225.7	50,737	213.9	48,093	185.0	41,588	154.5	34,725	1811	71.31	7
Heavy Duty Plate Lip	914	36	0.99	1.30	1061	2,338	244.6	54,994	220.9	49,653	185.0	41,581	158.3	35,585	1671	65.79	4
	1067	42	1.22	1.59	1203	2,651	244.8	55,044	220.9	49,671	185.0	41,594	158.3	35,595	1670	65.73	5
	1219	48	1.44	1.88	1300	2,866	244.7	55,019	220.9	49,662	185.0	41,588	158.3	35,590	1670	65.76	6
	1372	54	1.67	2.18	1393	3,072	244.7	55,019	220.9	49,662	185.0	41,588	158.3	35,590	1673	65.86	6
Heavy Duty Plate Lip,																	
High Capacity	1067	42	1.33	1.74	1370	3,020	225.5	50,687	213.8	48,074	179.7	40,401	154.4	34,715	1813	71.38	5
	1219	48	1.58	2.07	1507	3,323	225.5	50,687	213.8	48,074	179.7	40,401	154.4	34,715	1813	71.38	6
	1372	54	1.84	2.41	1618	3,568	225.3	50,652	213.8	48,060	179.7	40,391	154.4	34,707	1814	71.43	6
Rucket Selection Guide*																	



^{*}Contact your Hitachi dealer for optimum bucket and attachment selections. These recommendations are for general conditions and average use. Does not include optional equipment such as thumbs or couplers. Larger buckets may be possible when using light materials, for flat and level operations, less compacted materials, and volume loading applications such as mass-excavation applications in ideal conditions. Smaller buckets are recommended for adverse conditions such as off-level applications, rocks, and uneven surfaces. Bucket capacity indicated is SAE heaped.

ZX380LC-6 SPECS

ZX380LC-6

Fueline	7700010.0							
Engine Manufacturer and Model	ZX380LC-6 Isuzu 6HKI							
Non-Road Emission Standard	EPA Final Tier 4 / EU	Ctoro IV						
Net Rated Power (ISO 9249)	202 kW (27l hp) at I,	900 rpm						
Cylinders	6							
Displacement	7.8 L (475 cu. in.)							
Off-Level Capacity	70% (35 deg.)	, ,,						
Aspiration	Turbocharged, air-to-	-air charge-air cooler						
Cooling								
	nd cool-on-demand hydr	aulic-driven, suction-typ	e fan with remote-mounted drive for hydraulic oil cooler					
Powertrain								
2-speed propel with automatic shift								
Maximum Travel Speed								
Low	3.2 km/h (2.0 mph)							
High	5.0 km/h (3.1 mph)							
Drawbar Pull	30 350 kg (66,900 ll	b.)						
Hydraulics								
Open center, load sensing								
Main Pumps	2 variable-displacem							
Maximum Rated Flow	288 L/m (76.1 gpm) x	∢2						
System Operating Pressure								
Circuits								
Implement	34 300 kPa (4,975 ps	si)						
Travel	35 500 kPa (5,149 ps	si)						
Swing	33 300 kPa (4,830 p	si)						
Power Boost	38 000 kPa (5,511 ps	i)						
Controls	Pilot levers, short-str	roke, low-effort hydrauli	c pilot controls with shutoff lever					
Cylinders								
Cylinders	Bore	Rod Diameter	Stroke					
Cylinders Boom (2)	Bore 145 mm (5.7 in.)	Rod Diameter 100 mm (3.9 in.)	Stroke 1520 mm (59.8 in.)					
· ·								
Boom (2)	145 mm (5.7 in.)	100 mm (3.9 in.)	1520 mm (59.8 in.)					
Boom (2) Arm (1)	145 mm (5.7 in.) 170 mm (6.7 in.)	100 mm (3.9 in.) 115 mm (4.5 in.)	1520 mm (59.8 in.) 1740 mm (68.5 in.)					
Boom (2) Arm (I) Bucket (I)	145 mm (5.7 in.) 170 mm (6.7 in.)	100 mm (3.9 in.) 115 mm (4.5 in.)	1520 mm (59.8 in.) 1740 mm (68.5 in.)					
Boom (2) Arm (I) Bucket (I) Electrical	145 mm (5.7 in.) 170 mm (6.7 in.) 140 mm (5.5 in.)	100 mm (3.9 in.) 115 mm (4.5 in.)	1520 mm (59.8 in.) 1740 mm (68.5 in.)					
Boom (2) Arm (1) Bucket (1) Electrical Number of Batteries (12 volt)	145 mm (5.7 in.) 170 mm (6.7 in.) 140 mm (5.5 in.)	100 mm (3.9 in.) 115 mm (4.5 in.)	1520 mm (59.8 in.) 1740 mm (68.5 in.)					
Boom (2) Arm (I) Bucket (I) Electrical Number of Batteries (I2 volt) Battery Capacity	145 mm (5.7 in.) 170 mm (6.7 in.) 140 mm (5.5 in.) 2 1,000 CCA 50 amp	100 mm (3.9 in.) 115 mm (4.5 in.)	1520 mm (59.8 in.) 1740 mm (68.5 in.) 1250 mm (49.2 in.)					
Boom (2) Arm (I) Bucket (I) Electrical Number of Batteries (I2 volt) Battery Capacity Alternator Rating Work Lights	145 mm (5.7 in.) 170 mm (6.7 in.) 140 mm (5.5 in.) 2 1,000 CCA 50 amp	100 mm (3.9 in.) 115 mm (4.5 in.) 95 mm (3.7 in.)	1520 mm (59.8 in.) 1740 mm (68.5 in.) 1250 mm (49.2 in.)					
Boom (2) Arm (I) Bucket (I) Electrical Number of Batteries (I2 volt) Battery Capacity Alternator Rating	145 mm (5.7 in.) 170 mm (6.7 in.) 140 mm (5.5 in.) 2 1,000 CCA 50 amp	100 mm (3.9 in.) 115 mm (4.5 in.) 95 mm (3.7 in.)	1520 mm (59.8 in.) 1740 mm (68.5 in.) 1250 mm (49.2 in.)					
Boom (2) Arm (1) Bucket (1) Electrical Number of Batteries (12 volt) Battery Capacity Alternator Rating Work Lights Undercarriage	145 mm (5.7 in.) 170 mm (6.7 in.) 140 mm (5.5 in.) 2 1,000 CCA 50 amp	100 mm (3.9 in.) 115 mm (4.5 in.) 95 mm (3.7 in.)	1520 mm (59.8 in.) 1740 mm (68.5 in.) 1250 mm (49.2 in.)					
Boom (2) Arm (1) Bucket (1) Electrical Number of Batteries (12 volt) Battery Capacity Alternator Rating Work Lights Undercarriage Rollers (each side)	145 mm (5.7 in.) 170 mm (6.7 in.) 140 mm (5.5 in.) 2 1,000 CCA 50 amp 2 halogen (one moun	100 mm (3.9 in.) 115 mm (4.5 in.) 95 mm (3.7 in.)	1520 mm (59.8 in.) 1740 mm (68.5 in.) 1250 mm (49.2 in.)					
Boom (2) Arm (1) Bucket (1) Electrical Number of Batteries (12 volt) Battery Capacity Alternator Rating Work Lights Undercarriage Rollers (each side) Carrier	145 mm (5.7 in.) 170 mm (6.7 in.) 140 mm (5.5 in.) 2 1,000 CCA 50 amp 2 halogen (one moun	100 mm (3.9 in.) 115 mm (4.5 in.) 95 mm (3.7 in.)	1520 mm (59.8 in.) 1740 mm (68.5 in.) 1250 mm (49.2 in.)					
Boom (2) Arm (1) Bucket (1) Electrical Number of Batteries (12 volt) Battery Capacity Alternator Rating Work Lights Undercarriage Rollers (each side) Carrier Track	145 mm (5.7 in.) 170 mm (6.7 in.) 140 mm (5.5 in.) 2 1,000 CCA 50 amp 2 halogen (one moun	100 mm (3.9 in.) 115 mm (4.5 in.) 95 mm (3.7 in.)	1520 mm (59.8 in.) 1740 mm (68.5 in.) 1250 mm (49.2 in.)					
Boom (2) Arm (1) Bucket (1) Electrical Number of Batteries (12 volt) Battery Capacity Alternator Rating Work Lights Undercarriage Rollers (each side) Carrier Track Shoes, Triple Semi-Grousers (each side)	145 mm (5.7 in.) 170 mm (6.7 in.) 140 mm (5.5 in.) 2 1,000 CCA 50 amp 2 halogen (one moun	100 mm (3.9 in.) 115 mm (4.5 in.) 95 mm (3.7 in.)	1520 mm (59.8 in.) 1740 mm (68.5 in.) 1250 mm (49.2 in.)					
Boom (2) Arm (1) Bucket (1) Electrical Number of Batteries (12 volt) Battery Capacity Alternator Rating Work Lights Undercarriage Rollers (each side) Carrier Track Shoes, Triple Semi-Grousers (each side) Track	145 mm (5.7 in.) 170 mm (6.7 in.) 140 mm (5.5 in.) 2 1,000 CCA 50 amp 2 halogen (one moun	100 mm (3.9 in.) 115 mm (4.5 in.) 95 mm (3.7 in.)	1520 mm (59.8 in.) 1740 mm (68.5 in.) 1250 mm (49.2 in.)					
Boom (2) Arm (1) Bucket (1) Electrical Number of Batteries (12 volt) Battery Capacity Alternator Rating Work Lights Undercarriage Rollers (each side) Carrier Track Shoes, Triple Semi-Grousers (each side) Track Adjustment Guides	145 mm (5.7 in.) 170 mm (6.7 in.) 140 mm (5.5 in.) 2 1,000 CCA 50 amp 2 halogen (one moun 2 8 48 Hydraulic 3 per side	100 mm (3.9 in.) 115 mm (4.5 in.) 95 mm (3.7 in.) sted on boom, one on fra	1520 mm (59.8 in.) 1740 mm (68.5 in.) 1250 mm (49.2 in.)					
Boom (2) Arm (1) Bucket (1) Electrical Number of Batteries (12 volt) Battery Capacity Alternator Rating Work Lights Undercarriage Rollers (each side) Carrier Track Shoes, Triple Semi-Grousers (each side) Track Adjustment Guides Chain	145 mm (5.7 in.) 170 mm (6.7 in.) 140 mm (5.5 in.) 2 1,000 CCA 50 amp 2 halogen (one moun	100 mm (3.9 in.) 115 mm (4.5 in.) 95 mm (3.7 in.) sted on boom, one on fra	1520 mm (59.8 in.) 1740 mm (68.5 in.) 1250 mm (49.2 in.)					
Boom (2) Arm (1) Bucket (1) Electrical Number of Batteries (12 volt) Battery Capacity Alternator Rating Work Lights Undercarriage Rollers (each side) Carrier Track Shoes, Triple Semi-Grousers (each side) Track Adjustment Guides Chain Ground Pressure	145 mm (5.7 in.) 170 mm (6.7 in.) 140 mm (5.5 in.) 2 1,000 CCA 50 amp 2 halogen (one moun 2 8 48 Hydraulic 3 per side Sealed and lubricated	100 mm (3.9 in.) 115 mm (4.5 in.) 95 mm (3.7 in.) sted on boom, one on fra	1520 mm (59.8 in.) 1740 mm (68.5 in.) 1250 mm (49.2 in.)					
Boom (2) Arm (1) Bucket (1) Electrical Number of Batteries (12 volt) Battery Capacity Alternator Rating Work Lights Undercarriage Rollers (each side) Carrier Track Shoes, Triple Semi-Grousers (each side) Track Adjustment Guides Chain Ground Pressure 800-mm (32 in.) Triple Semi-Grouser Shoes	145 mm (5.7 in.) 170 mm (6.7 in.) 140 mm (5.5 in.) 2 1,000 CCA 50 amp 2 halogen (one moun 2 8 48 Hydraulic 3 per side	100 mm (3.9 in.) 115 mm (4.5 in.) 95 mm (3.7 in.) sted on boom, one on fra	1520 mm (59.8 in.) 1740 mm (68.5 in.) 1250 mm (49.2 in.)					
Boom (2) Arm (1) Bucket (1) Electrical Number of Batteries (12 volt) Battery Capacity Alternator Rating Work Lights Undercarriage Rollers (each side) Carrier Track Shoes, Triple Semi-Grousers (each side) Track Adjustment Guides Chain Ground Pressure 800-mm (32 in.) Triple Semi-Grouser Shoes Swing Mechanism	145 mm (5.7 in.) 170 mm (6.7 in.) 140 mm (5.5 in.) 2 1,000 CCA 50 amp 2 halogen (one moun 2 8 48 Hydraulic 3 per side Sealed and lubricated 52.5 kPa (7.61 psi)	100 mm (3.9 in.) 115 mm (4.5 in.) 95 mm (3.7 in.) sted on boom, one on fra	1520 mm (59.8 in.) 1740 mm (68.5 in.) 1250 mm (49.2 in.)					
Boom (2) Arm (1) Bucket (1) Electrical Number of Batteries (12 volt) Battery Capacity Alternator Rating Work Lights Undercarriage Rollers (each side) Carrier Track Shoes, Triple Semi-Grousers (each side) Track Adjustment Guides Chain Ground Pressure 800-mm (32 in.) Triple Semi-Grouser Shoes	145 mm (5.7 in.) 170 mm (6.7 in.) 140 mm (5.5 in.) 2 1,000 CCA 50 amp 2 halogen (one moun 2 8 48 Hydraulic 3 per side Sealed and lubricated	100 mm (3.9 in.) 115 mm (4.5 in.) 95 mm (3.7 in.) sted on boom, one on fra	1520 mm (59.8 in.) 1740 mm (68.5 in.) 1250 mm (49.2 in.)					

Serviceability	ZX380LC-6	
Refill Capacities		
Fuel Tank	630 L (166 gal.)	
Diesel Exhaust Fluid (DEF) Tank	70 L (18 gal.)	
Cooling System	45 L (12 gal.)	
Engine Oil with Filter	48 L (13 gal.)	
Hydraulic Tank	180 L (48 gal.)	
Hydraulic System	340 L (90 gal.)	
Swing Drive	15.7 L (16.6 qt.)	
Gearbox		
Propel (each)	9.2 L (9.7 qt.)	
Pump Drive	I.I L (I.2 qt.)	
Operating Weights		

With full fuel tank; 79-kg (175 lb.) operator; 1.4-m3 (1.8 cu. yd.), 1370-mm (54 in.), 1160-kg (2,557 lb.) bucket; 4.0-m (13 ft. 1 in.) arm; 7900-kg (16,755 lb.) counterweight; and 800-mm (32 in.) heavy-duty (HD) triple semi-grouser shoes

Operating Weight 37 320 kg (82,276 lb.)

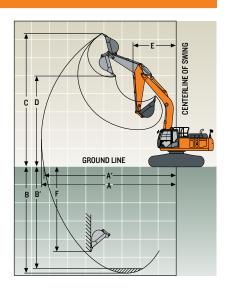
Component Weights

Undercarriage w/ HD Triple Semi-Grouser Shoes

13 550 kg (29,872 lb.) 800-mm (32 in.) One-Piece Boom (with arm cylinder) HD 3541 kg (7,806 lb.) Arm with Bucket Cylinder and Linkage

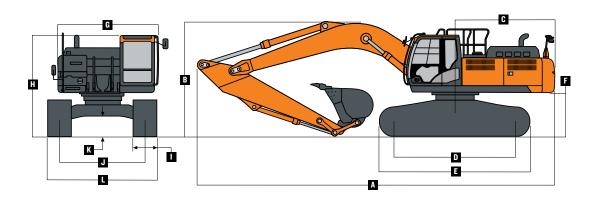
3.2 m (10 ft. 6 in.) HD 1957 kg (4,315 lb.) 1898 kg (4,184 lb.) 4.0 m (13 ft. 1 in.) 624 kg (1,376 lb.) Boom-Lift Cylinders (2) Total Weight

Op.	erating Dimensions		
Arr	n Length	3.2 m (10 ft. 6 in.) HD	4.0 m (13 ft. 1 in.)
Bo	om Length	6.4 m (21 ft. 0 in.)	6.4 m (21 ft. 0 in.)
	Arm Digging Force		
	SAE	177 kN (39,791 lb.)	153 kN (34,396 lb.)
	ISO	185 kN (41,590 lb.)	159 kN (35,745 lb.)
	Bucket Digging Force		
	SAE	214 kN (48,109 lb.)	214 kN (48,109 lb.)
	ISO	246 kN (55,303 lb.)	246 kN (55,303 lb.)
A	Maximum Reach	11.10 m (36 ft. 5 in.)	II.86 m (38 ft. II in.)
A	Maximum Reach at Ground Level	10.89 m (35 ft. 9 in.)	II.67 m (38 ft. 3 in.)
В	Maximum Digging Depth	7.38 m (24 ft. 3 in.)	8.18 m (26 ft. 10 in.)
B	Maximum Digging Depth at	7.21 m (23 ft. 8 in.)	8.04 m (26 ft. 5 in.)
	2.44-m (8 ft.) Flat Bottom		
C	Maximum Cutting Height	10.36 m (34 ft. 0 in.)	10.75 m (35 ft. 3 in.)
D	Maximum Dumping Height	7.24 m (23 ft. 9 in.)	7.63 m (25 ft. 0 in.)
E	Minimum Swing Radius	4.46 m (14 ft. 8 in.)	4.47 m (14 ft. 8 in.)
F	Maximum Vertical Wall	6.42 m (21 ft. 1 in.)	7.27 m (23 ft. 10 in.)



ZX380LC-6 SPECS

Ma	achine Dimensions	ZX380LC-6
A	Overall Length	
	3.2-m (10 ft. 6 in.) HD arm / 6.4-m (21 ft. 0 in.) HD boom	II.20 m (36 ft. 9 in.)
	4.0-m (13 ft. 1 in.) arm / 6.4-m (21 ft. 0 in.) HD boom	II.29 m (37 ft. 0 in.)
В	Overall Height	
	3.2-m (10 ft. 6 in.) HD arm / 6.4-m (21 ft. 0 in.) HD boom	3.27 m (10 ft. 9 in.)
	4.0-m (13 ft. 1 in.) arm / 6.4-m (21 ft. 0 in.) HD boom	3.60 m (II ft. 10 in.)
C	Swing Radius	3.60 m (II ft. 10 in.)
D	Distance Between Idler/Sprocket Centerline	4.05 m (13 ft. 3 in.)
Ε	Undercarriage Length	4.94 m (16 ft. 2 in.)
F	Counterweight Clearance	I.18 m (3 ft. 10 in.)
G	Upperstructure Width	2.99 m (9 ft. 10 in.)
Н	Cab Height	3.14 m (10 ft. 4 in.)
- 1	Track Width with Triple Semi-Grouser Shoes	700 mm (28 in.) / 800 mm (32 in.)
J	Gauge Width	2.59 m (8 ft. 6 in.)
K	Ground Clearance	0.51 m (20 in.)
L	Overall Width with Triple Semi-Grouser Shoes	
	700 mm (28 in.)	3.29 m (IO ft. IO in.)
	800 mm (32 in.)	3.39 m (II ft. 2 in.)



Lift Charts	ZX380LC-6	;										
Boldface type indicates hydraulically	limited capacity; lightfac	ce type indicates	stability-limited	capacities, in kg	(lb.). All lift capac	ities are based o	n ISO 10567 (wit	h power boost).	Machine equippe	d with 1273-kg (2	2,806 lb.) bucket	and 800-mm
(32 in.) HD shoes; standard gauge;	and situated on firm, unif	orm supporting	surface. Total load	d includes weight	t of cables, hook,	etc. Figures do n	ot exceed 87 per	cent of hydraulic	capacities or 75	percent of weigh	t needed to tip ma	chine.
Load Point Height	1.5 m	(5 ft.)	3.0 m	(10 ft.)	4.5 m	(15 ft.)	6.0 m	(20 ft.)	7.5 m	(25 ft.)	9.0 m	(30 ft.)
Horizontal Distance from												
Centerline of Rotation	Over Front	Over Side	Over Front	Over Side	Over Front	Over Side	Over Front	Over Side	Over Front	Over Side	Over Front	Over Side
Vith 3.20-m (10 ft. 6 in.) HD arm a	and 6.4-m (21 ft. 0 in.) I	HD boom										
6.0 m (20 ft.)	,								7780	6940		
,									(17,040)	(14,890)		
4.5 m (15 ft.)							9760	9760	8410	6710	6310	4780
,							(21,110)	(21,090)	(18,310)	(14,410)		
3.0 m (10 ft.)					15 930	14 370	11 430	9190	9260	6410	7730	4650
,					(34,200)	(31,010)	(24,690)	(19,810)	(20,100)	(13,780)	(16,580)	(9,970)
1.5 m (5 ft.)					18 430	13 400	12 870	8670	10 060	6120	7570	4510
(5)					(39,750)	(28,870)	(27,820)	(18,680)	(21,790)	(13,170)	(16,270)	(9,680)
Ground Line					19 190	12 990	13 670	8350	9980	5920	7470	4420
					(41,540)	(27,940)	(29,590)	(17,960)	(21,460)	(12,730)	(16,070)	(9,490)
-1.5 m (-5 ft.)			12 170	12 170	18 650	12 920	13 670	8220	9890	5830	(10,010)	(0,100)
			(27,630)	(27,630)	(40,440)	(27,770)	(29,590)	(17,680)	(21,260)	(12,550)		
-3.0 m (-10 ft.)	14 490	14 490	19 930	19 930	17 030	13 070	12 710	8270	9510	5900		
5.5 (15)	(32,500)	(32,500)	(45,250)	(45,250)	(36,840)	(28,080)	(27,420)	(17,790)	(20,290)	(12,720)		
-4.5 m (-15 ft.)	(02,000)	(02,000)	18 680	18 680	13 900	13 420	10 190	8530	(20,200)	(12,120)		
4.5 III (10 II.)			(40,140)	(40,140)	(29,780)	(28,890)	(21,530)	(18,420)				
Nith 4.0-m (13 ft. 1 in.) arm and 6.	4-m (21 ft. O in.) HD boo	om	(10,110)	(10,110)	(==,==)	(==,===)	(=:,===)	(10,120)				
7.5 m (25 ft.)	(=: ; , = ::-											
(20)									(14,580)	(14,580)		
6.0 m (20 ft.)									6900	6900	5700	5080
5.5 (25)									(15,110)	(15,110)	(11,000)	(10,830)
4.5 m (15 ft.)									7650	6940	7090	4970
4.0 111 (10 11.)									(16,660)	(14,910)	(15,510)	(10,640)
3.0 m (I0 ft.)					14 100	14 100	10 470	9540	8640	6620	7580	4800
6.6 m (16 m)					(30,280)	(30,280)	(22,620)	(20,560)	(18,740)	(14,230)	(16,520)	(10,290)
1.5 m (5 ft.)					17 290	13 940	12 190	8960	9610	6300	7690	4620
1.0 111 (0 11.)					(37,280)	(30,030)	(26,360)	(19,290)	(20,840)	(13,540)	(16,520)	(9,920)
Ground Line			6960	6960	18 970	13 280	13 390	8540	10 110	6040	7530	4480
G. Gand Ellio			(15,920)	(15,920)	(41,020)	(28,550)	(28,960)	(18,370)	(21,730)	(12,980)	(16,190)	(9,620)
-1.5 m (-5 ft.)	7010	7010	11 120	11 120	19 210	13 020	13 830	8310	9940	5890	7450	4410
1.5 111 (5 11.)	(15,670)	(15,670)	(25,190)	(25,190)	(41,600)	(27,990)	(29,930)	(17,870)	(21,370)	(12,660)	(16,030)	(9,470)
-3.0 m (-10 ft.)	(13,070)	(13,070)	16 550	16 550	18 260	13 030	13 410	8260	9910	5860	(10,000)	(0,770)
0.0 m (=10 m.)	(26,040)	(26,040)	(37,530)	(37,530)	(39,520)	(28,010)	(28,980)	(17,770)	(21,310)	(12,610)		
-4.5 m (-I5 ft.)	(26,040) 17 110	(26,040 <i>)</i> 17 110	22 660	22 660	(39,520)	13 250	(28,980)	8390	(21,310 <i>)</i> 8570	6000		
-4.0 III (-10 II.)	(38,570)	(38,570)	(48,820)	(48,820)	(34,460)	(28,510)	(25,390)	(18,080)	(17,930)	(12,980)		
-6.0 m (-20 ft.)	(30,370)	(30,370)	(48,820 <i>)</i> 16 080	(48,820 <i>)</i> 16 080	(34,460)	(28,510) II 640	7850	(18,080 <i>)</i>	(17,530)	(12,500)		
-0.0 m (-20 m.)							7830	7830				
			(33,860)	(33,860)	(24,390)	(24,390)						

1372

Bucket Selection Guide*

54

1.84

2.41

1618

3,568

Buckets ZX380LC-6 A full line of buckets is offered to meet a wide variety of applications. Digging forces are with power boost. Buckets are equipped with ESCO teeth standard. Replaceable cutting edges and a variety of teeth are available through dealer parts. Optional side cutters add I50 mm (6 in.) to bucket widths. Capacities are SAE heaped ratings. **Arm Dig Force Arm Dig Force Arm Dig Force** Number **Bucket Dig Force** of Teeth 2.67 m (8 ft. 9 in.) 3.2 m (10 ft. 6 in.) 4.0 m (13 ft. 1 in.) **Bucket Tip Radius** Type Bucket **Bucket Width Bucket Capacity Bucket Weight** in. cu. yd. kg lb. kN lb. kN kN lb. kN lb. mm General Purpose, High Capacity 1524 60 2.13 2.78 1673 3,687 225.7 50,737 213.9 48.093 185.0 41.588 154.5 34,725 1811 71.31 7 **Heavy Duty Plate Lip** 914 36 0.99 1.30 1061 2,338 244.6 54,994 220.9 49,653 185.0 41,581 158.3 35,585 1671 65.79 1067 42 1.22 1.59 1203 2,651 244.8 55,044 220.9 49,671 185.0 41,594 158.3 35,595 1670 65.73 5 2,866 1219 1.44 1.88 1300 244.7 55,019 220.9 49,662 185.0 41,588 158.3 35,590 1670 65.76 6 48 1372 1.67 49,662 54 2.18 1393 3.072 244.7 55.019 220.9 185.0 41.588 158.3 35.590 1673 65.86 6 Heavy Duty Plate Lip. 1067 42 1.33 1370 3.020 225.5 50.687 179.7 40 401 154 4 34.715 1813 71.38 5 **High Capacity** 1.74 213.8 48 N74 1219 48 1.58 2.07 1507 3,323 225.5 50.687 213.8 48.074 179.7 40,401 154.4 34,715 1813 71.38 6

50,652

213.8

48,060

179.7

40,391

154.4

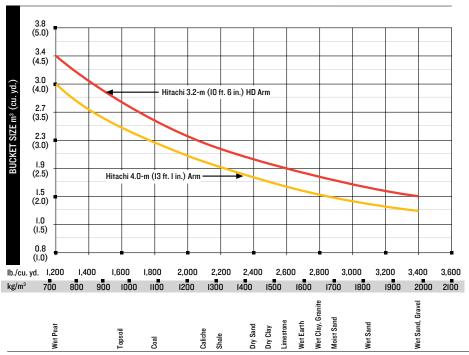
34,707

1814

71.43

6

225.3



^{*}Contact your Hitachi dealer for optimum bucket and attachment selections. These recommendations are for general conditions and average use. Does not include optional equipment such as thumbs or couplers. Larger buckets may be possible when using light materials, for flat and level operations, less compacted materials, and volume loading applications such as mass-excavation applications in ideal conditions. Smaller buckets are recommended for adverse conditions such as off-level applications, rocks, and uneven surfaces. Bucket capacity indicated is SAE heaped.

Undercarriage frame opening guard

ADDITIONAL EQUIPMENT

350 3	380	Engine	350	380	Upperstructure	35	0 38	30 C	Operator's Station (continued)
•	•	Auto-idle system	•	•	Right-hand, left-hand, and counterweight				Large cup holder
•	•	Batteries (2 – I2 volt)			mirrors				Machine Information Center (MIC)
•	•	Coolant recovery tank	•	•	Vandal locks with ignition key: Cab door /				Mode selectors (illuminated): Power modes
•	•	Dual-element dry-type air filter			Service doors / Toolbox				(3) / Travel modes (2 with automatic shift) /
•	•	Electronic engine control	•	•	Debris screen				Work mode (I)
•	•	Enclosed fan guard (conforms to SAE JI308)	•	•	Remote-mounted engine oil and fuel filters		•		Multifunction, color LCD monitor with:
•	•	Engine coolant to -37 deg. C (-34 deg. F)			Front Attachments				Diagnostic capability / Multiple-language
•	•	Programmable auto shutdown	•	•	Centralized lubrication system				capabilities / Maintenance tracking / Clock /
•	•	Fuel filter with water separator	•	•	Dirt seals on all bucket pins				System monitoring with alarm features:
•	•	Full-flow oil filter	•	•	Less boom and arm				Auto-idle indicator, engine air cleaner
•	•	Turbocharger with charge air cooler	•	•	Oil-impregnated bushings				restriction indicator light, engine check,
•	•	High-efficiency, low-noise fan	•	•	Reinforced resin thrust plates				engine coolant temperature indicator light
•	•	500-hour engine-oil-change interval	•	•	Tungsten carbide thermal coating on			١	with audible alarm, engine oil pressure
•	•	70% (35 deg.) off-level capability			arm-to-bucket joint			i	ndicator light with audible alarm, low-
•	•	Severe-duty fuel filter	A		Arm, 2.66 m (8 ft. 9 in.)			a	alternator-charge indicator light, low-fuel
<u> </u>	<u> </u>	Chrome exhaust stack	_		Arm, 3.2 m (10 ft. 6 in.)			i	ndicator light, low DEF indication with
		Hydraulic System		A	Arm, 3.2 m (10 ft. 6 in.) HD			á	audible alarm, fault code alert indicator,
•	•	Reduced-drift valve for boom down, arm in	_	_	Arm, 4.0 m (13 ft. I in.)			f	fuel-rate display, wipermode indicator,
•	•	Auxiliary hydraulic valve section	_	A	Attachment quick-couplers			١	work-lights-on indicator, and work-mode
•	•	Spring-applied, hydraulically released	_	_	Boom cylinder with plumbing to mainframe			i	ndicator
		automatic swing brake			less boom and arm	•	•	• 1	Motion alarm with cancel switch (conforms
•	•	Auxiliary hydraulic-flow adjustments	_	A	Buckets: Heavy duty / Heavy-duty high			5	SAE J994)
		through monitor			capacity / Side cutters and teeth		•	• F	Power-boost switch on right console lever
•	•	Auto power lift		A	"D" channel guard	•	•	• /	Auxiliary hydraulic control switches in right
•	•	5,000-hour hydraulic-oil-change interval	A	A	Material clamps			(console lever
	<u> </u>	Auxiliary hydraulic lines		A	Super-long fronts	•	•	• (SAE 2-lever control pattern
<u> </u>	<u> </u>	Auxiliary pilot and electric controls			Operator's Station	•	•	• (Seat belt, 51 mm (2 in.), retractable
_	A	Hydraulic filter restriction indicator kit	•	•	Adjustable independent-control positions	•	•	• 1	Tinted glass
<u> </u>	<u> </u>	Load-lowering control / Anti-drift device			(levers-to-seat, seat-to-pedals)	•	•	• 1	Transparent tinted overhead hatch
_	A	Single-pedal propel control	•	•	AM/FM radio	•	•	•	Hot/cold beverage compartment
_	A	Control pattern change valve	•	•	Auto climate control/air conditioner/heater/	_		A	Air-suspension heated seat
		Undercarriage			pressurizer	_	. 🔺	▲ I	Hydraulic oil filter restriction indicator light
•	•	Planetary drive with axial piston motors	•	•	Built-in Operator's Manual storage	_		▲ F	Protection screens for cab front, rear, and si
•	•	Propel motor shields			compartment and manual		. 🔺	<u> </u>	Seat belt, 76 mm (3 in.), non-retractable
•	•	Spring-applied, hydraulically released	•	•	Cell-phone power outlet, I2 volt, 60 watt,	_		<u> </u>	Window vandal-protection covers
		automatic propel brake			5 amp				Electrical
•	•	Track guides, front idler and 3 additional	•	•	Coat hook	•	•	• {	50-amp alternator
•	•	2-speed propel with automatic shift	•	•	Deluxe suspension cloth seat with IOO-mm	•	•	• [Battery disconnect switch
•	•	Upper carrier rollers (2)			(4 in.) adjustable armrests	•	•	•	Blade-type multi-fused circuits
•	•	Sealed and lubricated track chain	•	•	Floor mat	•	•	• F	Positive-terminal battery covers
•		Triple semi-grouser shoes, 600 mm (24 in.)	•	•	Front windshield wiper with intermittent	•	•	2	ZXLink™ wireless communication system
•		Triple semi-grouser shoes, 700 mm (28 in.)			speeds			((available in specific countries; see your
•	•	Single-bar shoes, 700 mm (28 in.) Heavy	•	•	Gauges (illuminated): Diesel Exhaust Fluid			C	dealer for details)
		Duty (HD)			(DEF) / Engine coolant / Fuel			▲ F	Rearview camera
•		Triple semi-grouser shoes, 800 mm (32 in.)	•	•	Horn, electric	_		(Cab extension wiring harness
	•	Triple semi-grouser shoes, 800 mm (32 in.)	•	•	Hour meter, electric				Lights
		HD	•	•	Hydraulic shutoff lever, all controls	•	•	•	Work lights: Halogen / One mounted on boom
			_	_					One manustad on frame

See your Hitachi dealer for further information.

2 lights mounted on cab / One mounted on

One mounted on frame

right side of boom

Hydraulic warm-up control

Interior light

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