







EFFICIENT FUEL SYSTEM

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.

HITACHI GRADE GUIDANCE

Manage grades in real time with our fully integrated system developed with Topcon, available as 2D or 3D systems for the ZX350LC-6.

OPEN ARCHITECTURE

A Grade Guidance-ready option that includes sensor mounting brackets is also available for both models to enable installation of a Trimble, Topcon or Leica aftermarket kit.



MORE DONE. LESS EFFORT.

Take productivity to another level with our HIOS III hydraulic system. This system balances engine performance with hydraulic flow, returning the arm to dig faster, so you can move more dirt in a day. Plus, three work modes - High Productivity, Power and Economy - provide fuel-efficient production.

Developed in cooperation with Topcon, integrated Hitachi Grade Guidance is available for the ZX350LC-6. Real-time display of distance-to-grade reduces time to final grade, helping you finish jobs quickly.

These workhorses offer

BIG PRODUCTIVITY, BIG PERFORMANCE.





An optional, hydraulic, singlepedal propel system allows straight-line machine tracking without articulating both hand and foot pedals.



Optional auxiliary hydraulic lines with combination piping increase machine versatility.



ENGINE AIR PRE-CLEANER

An optional, adjustable, rotary pre-cleaner pulls clean air into the engine when working in tough conditions.

ZX350LC-6 ZX380LC-6

MORE COMFORT. MORE PRODUCTIVITY.

It's true – comfortable operators are more productive. And operators are set for success inside our spacious cabs, now four inches wider. Premium seat options ensure comfort, and silicone-filled cab mounts isolate noise and vibration. A multifunction LCD monitor, programmable attachment modes, low-effort controls, expanded visibility and more features contribute to productivity.

These cabs keep operators COMFORTABLY PRODUCTIVE.



SIMPLE MONITORING

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. A USB port keeps you digitally connected.



SMOOTH OPERATION

Ergonomically correct short-throw 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.



ENHANCED VISIBILITY

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





PROGRAMMABLE ATTACHMENT MODE

Control oil flow and toggle between dig and thumb modes with a programmable thumbattachment mode.

PREMIUM SEATING

Operators get maximum support from a sculpted mechanical suspension high-back seat. For ultimate comfort, opt for the premium heated/cooled leather seat that adjusts three ways and includes a 3-inch high-visibility orange seat belt.

EXTRA LIGHTING

Optional cab and right-side boom lights provide extra illumination to extend your production.

CLIMATE CONTROL

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.



FT4 TECHNOLOGY

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 SIDE FRAMES

Reinforced D-channel side frames provide maximum cab and component impact protection.

ADDED UNDERCOVERS

Standard main frame undercovers and an optional track frame undercover provide an extra layer of protection.

LONG-LASTING STRENGTH

With large idlers, rollers and strutted track links, the sealed and lubricated undercarriage is built for the long haul.

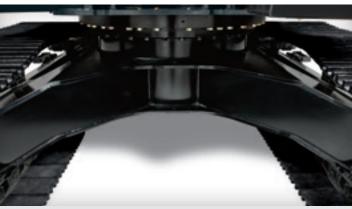




DURABILITY BUILT-IN. DOWNTIME TOSSED OUT.

The ZX350LC-6 and ZX380LC-6 are built with toughness you can count on. They're protected by a heavy-duty undercarriage and durable D-channel side frames. Added strength comes from welded bulkheads within the boom that resist torsional stress, tungsten-carbide thermal-coated arm surfaces and oil-impregnated bushings. The boom, arm and mainframe are so tough, they're warranted for three years or I0,000 hours, whichever comes first.

These excavators give you **BIG-TIME UPTIME.**



EXTENDED SERVICE INTERVALS

Oil-impregnated bushings enhance durability and extend lube intervals to 500 hours for the arm-and-boom joint and 100 hours for the bucket joint.

ROCK-SOLID FRAME

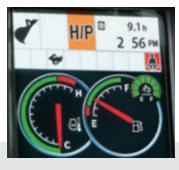
Thick-plate single-sheet mainframe, box-section track frames and industry-exclusive double-seal swing bearing deliver rock-solid durability.

ZX350LC-6 ZX380LC-6

LESS MAINTENANCE. MORE UPTIME.

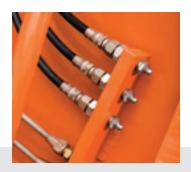
Maximize uptime with the ZX250LC-6 and ZX300LC-6. No diesel particulate filter (DPF) is needed with the FT4 engine solution. Convenient upperstructure handrails provide easy engine access. A standard pattern-control switch and fuel shutoff contribute to efficiency. Grouped service points and extended service intervals help keep you up and running longer. Scheduled maintenance is easy to track using ZXLinkTM and the in-cab diagnostic monitor.

Simple servicing gives you LOWER OPERATING COSTS.



MONITOR LEVELS

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 SERVICING

Centralized lube banks place zerks within easy reach, making greasing less messy and time-consuming.



GROUPED FILTERS

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





STANDARD HANDRAILS

Upperstructure handrails provide added safety when servicing the engine compartment, and a larger hood gives you better engine accessibility.

AUTO-IDLE AND AUTO-SHUTDOWN

Auto-idle, which reduces engine speed when hydraulics aren't in use, and auto-shutdown contribute to fuel efficiency.

ACCESSIBLE EFFICIENCY

A battery disconnect switch, located in the rear door behind the cab, is easily accessible and extends battery life.

NO DPF NEEDED

The FT4 engine solution does not require a diesel particulate filter (DPF), saving service time and lowering operating costs.

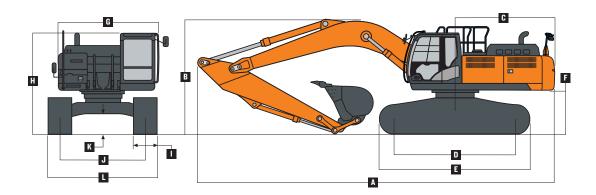
ZX350LC-6

Engine	ZX350LC-6		
Manufacturer and Model	Isuzu 6HKI		
Non-Road Emission Standard	EPA Final Tier 4 / EU S	Stage IV	
Net Rated Power (ISO 9249)	202 kW (271 hp) at 1,9	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	ranboonargoa, an to	an onargo an ocolor	
	nd cool-on-demand hydra	ulic-driven suction-type	e fan with remote-mounted drive for hydraulic oil cooler
Powertrain	na coor on acmana nyara	unc unven, suction type	Tan with remote induffed drive for flydraune on cooler
2-speed propel with automatic shift			
Maximum Travel Speed			
•	2.2 km/h (2.0 mnh)		
Low	3.2 km/h (2.0 mph)		
High	5.0 km/h (3.1 mph)	`	
Drawbar Pull	30 350 kg (66,900 lb	1.)	
Hydraulics			
Open center, load sensing			
Main Pumps	2 variable-displaceme		
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	i)	
Swing	33 300 kPa (4,830 ps	si)	
Power Boost	38 000 kPa (5,511 psi)	
Controls	Pilot levers, short-str	oke, low-effort hydraulic	pilot controls with shutoff lever
Cylinders			
Heat-treated, chrome-plated, polished cylinder	rods, 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 (I)	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.)
Electrical	110 11111 (010 1111)	00 mm (011 mm)	(1512)
Number of Batteries (I2 volt)	2		
Battery Capacity	1,000 CCA		
Alternator Rating	50 amp		
Work Lights	•	ted on boom, one on fran	ne)
Undercarriage	E naiogen (one mount	ica on boom, one on man	10)
Rollers (each side)			
Carrier	2		
Track	8		
Shoes, Triple Semi-Grousers (each side)	48		
, ,	40		
Track	Hadarak		
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			
Speed Torque	10.7 rpm 120 000 Nm (88,500		

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	1011 2 (1010 q.1)		
Propel (each)	9.2 L (9.7 qt.)		
Pump Drive	I.I L (I.2 qt.)		
Operating Weights	2 (4)		
With full fuel tank; 79-kg (175 lb.) operator;	1.4-m3 (1.8 cu. vd.), 1370-mm (5	4 in.), 1160-kg (2,557 lh.) bucket:	
4.0-m (13 ft. 1 in.) arm; 6900-kg (15,212 lb.)			
Operating Weight	35 198 kg (77,598 lb.)	. iii./ iiipio soiiii giousoi siioos	
Component Weights	00 100 Kg (11,000 lb.)		
Undercarriage w/ Triple Semi-Grouser Sh	290		
800-mm (32 in.)	12 710 kg (28,021 lb.)		
One-Piece Boom (with arm cylinder)	12 710 kg (20,021 lb.)		
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	3173 kg (0,993 lb.)		
3.20 m (10 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 Dimensions	290 kg (639 lb.)		
	3.2 m (10 ft. 6 in.)	4.0 m (13 ft. 1 in.)	
Arm Length		,	
Boom Length	6.4 m (21 ft. 0 in.)	6.4 m (21 ft. 0 in.)	
Arm Digging Force	(77.1 N. (00. 701.11.)	(501 N (04 000 H)	↑ IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII
SAE	177 kN (39,791 lb.)	153 kN (34,396 lb.)	JING NEW YORK THE PROPERTY OF
ISO	185 kN (41,590 lb.)	159 kN (35,745 lb.)	NS:
Bucket Digging Force	014111 (40.100 !!)	014111 (40.100 !!)	
SAE	214 kN (48,109 lb.)	214 kN (48,109 lb.)	CENTERLINE OF SWING
ISO	246 kN (55,303 lb.)	246 kN (55,303 lb.)	C D
A Maximum Reach	II.IO m (36 ft. 5 in.)	II.86 m (38 ft. II in.)	
A ^I Maximum Reach at Ground Level	10.89 m (35 ft. 9 in.)	II.67 m (38 ft. 3 in.)	
B Maximum Digging Depth	7.38 m (24 ft. 3 in.)	8.18 m (26 ft. 10 in.)	
B ⁱ Maximum Digging Depth at			
2.44-m (8 ft.) Flat Bottom	7.21 m (23 ft. 8 in.)	8.04 m (26 ft. 5 in.)	
C Maximum Cutting Height	10.36 m (34 ft. 0 in.)	10.75 m (35 ft. 3 in.)	A'
D Maximum Dumping Height	7.24 m (23 ft. 9 in.)	7.63 m (25 ft. 0 in.)	B B' F
E Minimum Swing Radius	4.46 m (14 ft. 8 in.)	4.47 m (I4 ft. 8 in.)	
F Maximum Vertical Wall	6.42 m (21 ft. 1 in.)	7.27 m (23 ft. 10 in.)	

ZX350LC-6

Ma	chine Dimensions	ZX350LC-6
Α	Overall Length	
	3.2-m (IO 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	
	3.2-m (IO ft. 6 in.) arm / 6.4-m (21 ft. 0 in.) boom	3.27 m (IO 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. 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	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	0.51 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.)

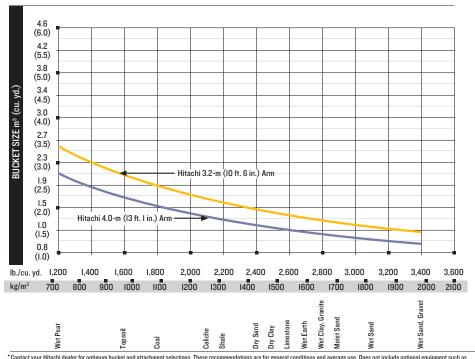


Boldface type indicates hydraulica												
andard gauge; and situated on fi				-								
Load Point Height	1.5 m	(5 ft.)	3.0 m	(IO ff.)	4.5 m	(15 ft.)	6.0 m	(20 ft.)	7.5 m	(25 ft.)	9.0 m ((30 ft.)
Horizontal Distance from												
Centerline of Rotation	Over Front	Over Side	Over Front	Over Side	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	ıd 1273-kg (2,80	16 lb.) bucket									
6.0 m (20 ft.)									7960 (17,430)	6440 (13,810)		
4.5 m (I5 ft.)							9960 (21,550)	9100 (19,600)	8610 (18,740)	6230 (13,370)		
3.0 m (I0 ft.)					16 250 (34,880)	13 410 (28,920)	(25,230)	8560 (18,440)	9480 (20,580)	5950 (12,800)	6360	4430
1.5 m (5 ft.)					(34,880)	12 520	(25,230)	8080	9520	5690	7190	4310
` ,					(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		
	(32,600)	(32,600)	(45,330)	(45,330)	(37,730)	(26,230)	(28,110)	(16,590)	(20,000)	(11,820)		
-4.5 m (-I5 ft.)			19 200 (41,260)	19 200 (41,260)	14 280 (30,590)	12 530 (26,960)	10 490 (22,170)	7950 (17,150)				
With 4.0-m (13 ft. 1 in.) arm, 6.4-m	(21 ft. 0 in.) boom and	1273-kg (2,806	lb.) bucket				, , ,					
7.5 m (25 ft.)			· ·									
,									(14,660)	(14,340)		
6.0 m (20 ft.)									6,940	6580	5700	4600
									(15,190)	(14,110)	(11,000)	(9,810
4.5 m (15 ft.)									7700	6340	7140	4500
									(16,760)	(13,600)	(15,550)	(9,620
3.0 m (I0 ft.)					14 170	13 920	10 530	8750	8700	6030	7230	4340
					(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
					(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
			(15,920)	(15,920)	(41,350)	(26,180)	(28,800)	(16,750)	(19,970)	(11,770)	(14,810)	(8,65)
-1.5 m (-5 ft.)	7010	7010	11 120	11 120	19 370	11 930	13 160	7570	9130	5330	6820	3960
, ,	(15,670)	(15,670)	(25,190)	(25,190)	(41,950)	(25,640)	(28,260)	(16,280)	(19,620)	(11,460)	(14,660)	(8,510
-3.0 m (-10 ft.)	11 610	11 610	16 550	16 550	18 430	11 950	13 110	7530	9100	5310	,	
. ,	(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.)	17110	17 110	22 900	22 900	16 180	12 160	11 970	7660	8670	5450		
, ,	(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)						

ZX350LC-6

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 Dig Force Arm Dig Force Num

									Arm D	ig Force	Arm D	ig Force			Number
Type Bucket	Bucket	Width	Bucket	Capacity	Bucke	t Weight	Bucket	Dig Force	3.2 m (I	0 ft. 6 in.)	4.0 m (I	3 ft. 1 in.)	Bucket 1	ip Radius	of Teeth
	mm	in.	m3	cu. yd.	kg	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	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	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	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	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	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	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	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	179.7	40,391	154.4	34,707	1814	71.43	6
Bucket 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.



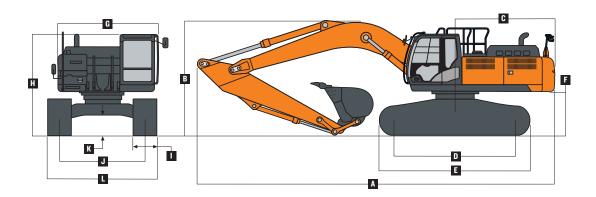
ZX380LC-6

Engine	ZX380LC-6		
Manufacturer and Model	Isuzu 6HKI		
Non-Road Emission Standard	EPA Final Tier 4 / EU		
Net Rated Power (ISO 9249)	202 kW (271 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		· ·	
High efficiency direct-driven, suction-type fan a	ınd cool-on-demand hydra	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 l	h.)	
Hydraulics		~.,	
Open center, load sensing			<u> </u>
Main Pumps	2 variable-displacem	ent pumps	
Maximum Rated Flow	288 L/m (76.1 gpm)		
System Operating Pressure	200 2/111 (1011 86111)	A L	
Circuits			
Implement	34 300 kPa (4,975 p	ci)	
Travel	35 500 kPa (5,149 ps	,	
Swing	33 300 kPa (4,830 p	,	
Power Boost	38 000 kPa (4,630 p	,	
Controls	· · ·	,	pilot controls with shutoff lever
Cylinders	FIIOTIEVEIS, SHOTT-SI	ioke, iow-enori nyuraun	, pilot controls with sharon level
Cylinders	Bore	Rod Diameter	Stroke
Boom (2)	145 mm (5.7 in.)	100 mm (3.9 in.)	1520 mm (59.8 in.)
Arm (I)	170 mm (6.7 in.)	115 mm (4.5 in.)	1740 mm (68.5 in.)
**	` '	` '	,
Bucket (1)	140 mm (5.5 in.)	95 mm (3.7 in.)	1250 mm (49.2 in.)
Electrical	2		
Number of Batteries (I2 volt)			
Battery Capacity	1,000 CCA		
Alternator Rating	50 amp		\
Work Lights	2 halogen (one mour	nted on boom, one on fra	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 lubricate	d	
Ground Pressure			
800-mm (32 in.) Triple Semi-Grouser Shoes	52.5 kPa (7.61 psi)		
Swing Mechanism			
Swing Mechanism Speed	10.7 rpm		

Serviceability	ZX380LC-6		
Refill Capacities	27,00020		
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 gt.)		
Gearbox	10.7 £ (10.0 qt.)		
Propel (each)	9.2 L (9.7 gt.)		
Pump Drive	1.1 L (1.2 gt.)		
Operating Weights	1.1 E (1.E qt.)		
	4-m3 (1.8 cu. vd.) 1370-mm	54 in) 1160-kg (2 557 lh) hucket: 4 0-m	(13 ft. I in.) arm; 7900-kg (16,755 lb.) counterweight; and
800-mm (32 in.) heavy-duty (HD) triple semi		0-111./, 1100 Kg (2,001 Ib.) bucket, 4.0-111	(10 11. 1 m., am, 1000 kg (10,100 m., counterweight, and
Operating Weight	37 428 kg (82,515 lb.)		
Component Weights	37 420 kg (02,313 lb.)		
Undercarriage w/ HD Triple Semi-Grouser			
•			
Shoes 800-mm (32 in.)	10 EEO 1-7 (20 072 IF)		
` ,	13 550 kg (29,872 lb.)		
One-Piece Boom (with arm cylinder) HD	3541 kg (7,806 lb.)		
Arm with Bucket Cylinder and Linkage	1057 by (4 015 lb.)		
3.2 m (10 ft. 6 in.) HD	1957 kg (4,315 lb.)		
4.0 m (13 ft. 1 in.)	1898 kg (4,184 lb.)		
Boom-Lift Cylinders (2) Total Weight	624 kg (1,376 lb.)		
Operating Dimensions	0.0 (10.6. 0.1) UD	4.0 (10.6: 12:)	
Arm Length	3.2 m (10 ft. 6 in.) HD	4.0 m (13 ft. 1 in.)	
Boom Length	6.4 m (21 ft. 0 in.)	6.4 m (21 ft. 0 in.)	
Arm Digging Force	(77.1.11./00.70.111.)	150 LN (04 000 II)	
SAE	177 kN (39,791 lb.)	153 kN (34,396 lb.)	
ISO	185 kN (41,590 lb.)	159 kN (35,745 lb.)	CENTERLINE OF SWING
Bucket Digging Force	014111 (40.400 !!)	014111 (40 100 11)	¥ ¥
SAE	214 kN (48,109 lb.)	214 kN (48,109 lb.)	
ISO	246 kN (55,303 lb.)	246 kN (55,303 lb.)	C D /
A Maximum Reach	II.IO m (36 ft. 5 in.)	II.86 m (38 ft. II in.)	
A ¹ Maximum Reach at Ground Level	10.89 m (35 ft. 9 in.)	II.67 m (38 ft. 3 in.)	
B Maximum Digging Depth	7.38 m (24 ft. 3 in.)	8.18 m (26 ft. 10 in.)	
B ⁱ Maximum Digging Depth at	7.21 m (23 ft. 8 in.)	8.04 m (26 ft. 5 in.)	GROUND LINE
2.44-m (8 ft.) Flat Bottom			4 A A A
C Maximum Cutting Height	10.36 m (34 ft. 0 in.)	10.75 m (35 ft. 3 in.)	A'—
D Maximum Dumping Height	7.24 m (23 ft. 9 in.)	7.63 m (25 ft. 0 in.)	B B' \ F
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

Mad	hine Dimensions	ZX380LC-6
Α	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. IO in.)
D	Distance Between Idler/Sprocket Centerline	4.05 m (13 ft. 3 in.)
E	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	0.5I 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.)



(32 in.) HD shoes; standard gauge; a	nd situated on firm unif	orm sunnorting	surface Total load	l includes weigh	of cables hook	etc Figures don	nt exceed 87 nor	ent of hydraulic	canacities or 75	nercent of weigh	t needed to tin ma	achine
Load Point Height	1.5 m		3.0 m		4.5 m		6.0 m			(25 ft.)	9.0 m (
Horizontal Distance from	1.0 111	(311.)	3.0 III	(10 11.)	4.5 III	(10 11.)	0.0 III	(2011.)	7.5 111	(2011.)	3.0 III V	,00 11.)
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.) HD arm a			Overvient	Over olde	Overment	Over Glas	Over 110m	Over Olde	Overvient	Over olde	Overment	010101
6.0 m (20 ft.)	O III (E1 11: O III.) 1	ID BOOM							7780	6940		
0.0 m (E0 m.)									(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 (IO 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)	(9,97
1.5 m (5 ft.)					18 430	13 400	12 870	8670	10 060	6120	7570	4510
					(39,750)	(28,870)	(27,820)	(18,680)	(21,790)	(13,170)	(16,270)	(9,68
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		
			(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	12710	8270	9510	5900		
	(32,500)	(32,500)	(45,250)	(45,250)	(36,840)	(28,080)	(27,420)	(17,790)	(20,290)	(12,720)		
-4.5 m (-I5 ft.)			18 680	18 680	13 900	13 420	10 190	8530				
			(40,140)	(40,140)	(29,780)	(28,890)	(21,530)	(18,420)				
With 4.0-m (13 ft. I in.) arm and 6.4	4-m (21 ft. 0 in.) HD bo	om										
7.5 m (25 ft.)												
									(14,580)	(14,580)		
6.0 m (20 ft.)									6900	6900	5700	508
									(15,110)	(15,110)	(11,000)	(10,83
4.5 m (I5 ft.)									7650	6940	7090	4970
									(16,660)	(14,910)	(15,510)	(10,64
3.0 m (I0 ft.)					14 100	14 100	10 470	9540	8640	6620	7580	480
					(30,280)	(30,280)	(22,620)	(20,560)	(18,740)	(14,230)	(16,520)	(10,29
1.5 m (5 ft.)					17 290	13 940	12 190	8960	9610	6300	7690	4620
					(37,280)	(30,030)	(26,360)	(19,290)	(20,840)	(13,540)	(16,520)	(9,92
Ground Line			6960	6960	18 970	13 280	13 390	8540	10 110	6040	7530	4480
			(15,920)	(15,920)	(41,020)	(28,550)	(28,960)	(18,370)	(21,730)	(12,980)	(16,190)	(9,62
-1.5 m (-5 ft.)	7010	7010	11 120	11 120	19 210	13 020	13 830	8310	9940	5890	7450	4410
,	(15,670)	(15,670)	(25,190)	(25,190)	(41,600)	(27,990)	(29,930)	(17,870)	(21,370)	(12,660)	(16,030)	(9,47
-3.0 m (-10 ft.)	11 610	11 610	16 550	16 550	18 260	13 030	13 410	8260	9910	5860	. ,	
• •	(26,040)	(26,040)	(37,530)	(37,530)	(39,520)	(28,010)	(28,980)	(17,770)	(21,310)	(12,610)		
-4.5 m (-15 ft.)	17 110	17 110	22 660	22 660	16 010	13 250	11 850	8390	8570	6000		
` ,	(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.)	(,)	(,,/	16 080	16 080	11 640	11 640	7850	7850	, , , , , ,	(//		
/			(33,860)	(33,860)	(24,390)	(24,390)						

ZX380LC-6

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** Number **Bucket Dig Force** 3.2 m (10 ft. 6 in.) 4.0 m (13 ft. 1 in.) **Bucket Tip Radius** of Teeth **Bucket Width Bucket Capacity** Type Bucket **Bucket Weight** mm in. cu. yd. kg lb. kN lb. kN lb. kN mm General Purpose, High Capacity 1524 60 2.13 2.78 1673 3,687 225.7 50,737 185.0 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 54,994 185.0 41,581 158.3 35,585 1671 65.79 1067 42 1.22 1.59 1203 2,651 244.8 55,044 185.0 41,594 158.3 35,595 1670 65.73 5 48 1.44 2,866 55,019 185.0 41,588 35,590 1219 1.88 1300 244.7 158.3 1670 65.76 6 1372 54 1.67 244.7 55,019 185.0 41,588 158.3 35,590 65.86 6 2.18 1393 3.072 1673

225.5

225.5

225.3

50.687

50.687

50,652

179.7

179.7

179.7

40 401

40,401

40,391

154.4

154.4

154.4

34.715

34,715

34,707

1813

1813

1814

71.38

71.38

71.43

5

6

6

Bucket Selection Guide*

42

48

54

1.33

1.58

1.84

1.74

2.07

2.41

1370

1507

1618

3.020

3.323

3,568

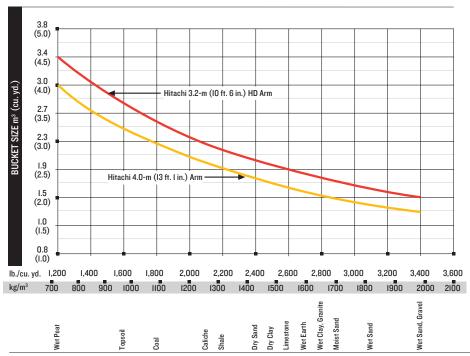
1067

1219

1372

Heavy Duty Plate Lip,

High Capacity



^{*}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.

ZX350LC-6 ZX380LC-6

Key: ● Standard ▲ Optional or special kit

								Key: ● Standard ▲ Optional or special kit
350	380	Engine	350	380	Upperstructure	350	380	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)	_		"D" channel guard			Diagnostic capability / Multiple-language
•	•	Programmable auto shutdown			Front Attachments			capabilities / Maintenance tracking / Clock /
•	•	Fuel filter with water separator	•	•	Centralized lubrication system			System monitoring with alarm features:
•	•	Full-flow oil filter	•	•	Dirt seals on all bucket pins			Auto-idle indicator, engine air cleaner
•	•	Turbocharger with charge air cooler	•	•	Less boom and arm			restriction indicator light, engine check,
•	•	High-efficiency, low-noise fan	•	•	Oil-impregnated bushings			engine coolant temperature indicator light
•	•	500-hour engine-oil-change interval	•	•	Reinforced resin thrust plates			with audible alarm, engine oil pressure
•	•	70% (35 deg.) off-level capability	•	•	Tungsten carbide thermal coating on			indicator light with audible alarm, low-
•	•	Severe-duty fuel filter			arm-to-bucket joint			alternator-charge indicator light, low-fuel indicator light, low DEF indication with audible
•	•	Engine-oil-sampling value	<u> </u>		Arm, 3.2 m (10 ft. 6 in.)			alarm, fault code alert indicator, fuel-rate
•	<u> </u>	Chrome exhaust stack		A	Arm, 3.2 m (10 ft. 6 in.) HD			display, wipermode indicator, work-lights-on
A	A	Engine coolant heater	<u> </u>	<u> </u>	Arm, 4.0 m (13 ft. I in.)			indicator, and work-mode indicator
	_	8		A	Attachment quick-couplers	•	•	Motion alarm with cancel switch (conforms to
		Hydraulic System Reduced-drift valve for boom down, arm in			Boom cylinder with plumbing to mainframe less boom and arm		•	SAE J994)
	•	Auxiliary hydraulic valve section	A	_	Buckets: Heavy duty / Heavy-duty high	•	•	Power-boost switch on right console lever
		Spring-applied, hydraulically released			capacity / Side cutters and teeth	•	•	Auxiliary hydraulic control switches in right
	•	automatic swing brake	_	•	"D" channel guard			console lever
	•	Auxiliary hydraulic-flow adjustments		_	Material clamps	•	•	SAE 2-lever control pattern
		through monitor	_	_	Super-long fronts	•	•	Seat belt, 76 mm (3 in.), retractable
•	•	Auto power lift		Ť	Operator's Station	•	•	Tinted glass
•	•	5,000-hour hydraulic-oil-change interval	•	•	Adjustable independent-control positions	•	•	Transparent tinted overhead hatch
•	•	Hydraulic-oil-sampling valve			(levers-to-seat, seat-to-pedals)	•	•	Hot/cold beverage compartment
•	•	HIOS III hydraulic management system	•	•	AM/FM radio	•	•	USB charging port
•	•	Control pattern change valve	•	•	Auto climate control/air conditioner/heater/	_	_	Air-suspension heated seat
A	A	Auxiliary hydraulics with combination piping			pressurizer	_	_	Premium heated/cooled leather seat
A	A	Auxiliary pilot and electric controls	•	•	Built-in Operator's Manual storage	_	_	Hydraulic oil filter restriction indicator light
_	A				compartment and manual	_		Protection screens for cab front, rear, and
_	A	Load-lowering control / Anti-drift device	•	•	Cell-phone power outlet, I2 volt, 60 watt,			side
_	A	Single-pedal propel control			5 amp	_	_	Window vandal-protection covers
		Undercarriage	•	•	Coat hook			Grade Control
•	•	Planetary drive with axial piston motors	•	•	Deluxe suspension cloth seat with 100-mm	_		Grade guidance, factory-integrated
•	•	Propel motor shields			(4 in.) adjustable armrests			Electrical
•	•	Spring-applied, hydraulically released	•	•	Floor mat	•	•	50-amp alternator
		automatic propel brake	•	•	Front windshield wiper with intermittent	•	•	Battery disconnect switch
•	•	Track guides, front idler and 3 additional			speeds	•	•	Blade-type multi-fused circuits
•	•	2-speed propel with automatic shift	•	•	Gauges (illuminated): Diesel Exhaust Fluid	•	•	Positive-terminal battery covers
•	•	Upper carrier rollers (2)			(DEF) / Engine coolant / Fuel	•	•	ZXLink™ wireless communication system
•	•	Sealed and lubricated track chain	•	•	Horn, electric			(available in specific countries; see your
•	•	Heavy-duty undercover	•	•	Hour meter, electric	•		dealer for details)
•		Triple semi-grouser shoes, 600 mm (24 in.)	•	•	Hydraulic shutoff lever, all controls	•	•	Rearview camera
		Triple semi-grouser shoes, 700 mm (28 in.)	•	•	Hydraulic warm-up control			Cab extension wiring harness
•	•	Single-bar shoes, 700 mm (28 in.) Heavy	•	•	Interior light			Work lighter Hologen / One mounted on beam
		Duty (HD)				•	•	Work lights: Halogen / One mounted on boom
•		Triple semi-grouser shoes, 800 mm (32 in.)					<u> </u>	/ One mounted on frame 2 lights mounted on cab / One mounted on
	•	Triple semi-grouser shoes, 800 mm (32 in.) HD				_	_	z lights mounted on cab / Une mounted on right side of boom
<u> </u>	_	Undercarriage frame opening guard				A	•	LED light kit
_	_	Heavy-duty track frame undercover					_	EED IIDIII WII

See your Hitachi dealer for further information.

Net engine power is with standard equipment including air cleaner, exhaust system, alternator, and cooling fan, at test conditions specified per ISO 9249. No derating is required up to 3050-m (10,000 ft.) altitude. Specifications and design subject to change without notice. Wherever applicable, specifications are in accordance with SAE standards. Except where otherwise noted, these specifications are based on units with I370-mm (54 in.) buckets, full fuel tanks, and 79-kg (175 lb.) operators; a ZX350LC-6 unit with 6900-kg (15,212 lb.) counterweight and 800-mm (32 in.) triple semi-grouser shoes; and a ZX380LC-6 unit with 7900-kg (16,755 lb.) counterweight and 800-mm (32 in.) heavy-duty triple semi-grouser shoes.

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