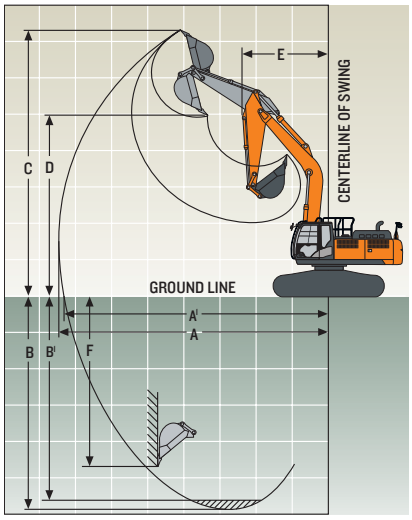
SPECIFICATIONS

ZX350LC-6

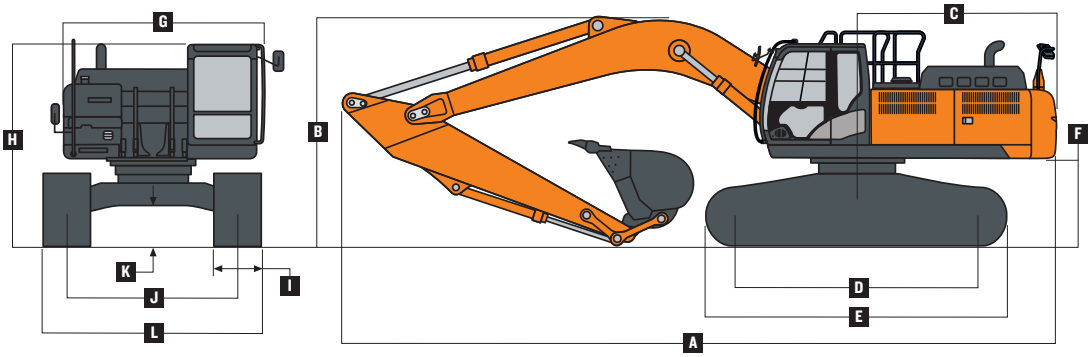
Engine	**ZX350LC-6**		
Manufacturer and Model	Isuzu 6HKI		
Non-Road Emission Standard	EPA Final Tier 4 / EU Stage IV		
Net Rated Power (ISO 9249)	202 kW (271 hp) at 1,900 rpm		
Cylinders	6		
Displacement	7.8 L (475 cu. in.)		
Off-Level Capacity	70% (35 deg.)		
Aspiration	Turbocharged, air-to-air charge-air cooler		
Cooling			
High efficiency direct-driven, suction-type fan and cool-on-demand hydraulic-driven, suction-type 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 lb.)		
Hydraulics			
Open center, load sensing			
Main Pumps	2 variable-displacement pumps		
Maximum Rated Flow	288 L/m (76.1 gpm) x 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-stroke, low-effort hydraulic pilot controls with shutoff lever		
Cylinders			
Heat-treated, chrome-plated, polished cylinder rods, hardened steel (replaceable 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 (1)	140 mm (5.5 in.)	95 mm (3.7 in.)	1250 mm (49.2 in.)
Electrical			
Number of Batteries (12 volt)	2		
Battery Capacity	1,000 CCA		
Alternator Rating	50 amp		
Work Lights	2 halogen (one mounted on boom, one on frame)		
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			
Speed	10.7 rpm		
Torque	120 000 Nm (88,500 lb.-ft.)		

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	1.1 L (1.2 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; 6900-kg (15,212 lb.) counterweight; and 800-mm (32 in.) triple semi-grouser shoes		
Operating Weight	35 198 kg (77,598 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		
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		
Arm Length	**3.2 m (10 ft. 6 in.)**	**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		
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.)	11.86 m (38 ft. 11 in.)
A' Maximum Reach at Ground Level	10.89 m (35 ft. 9 in.)	11.67 m (38 ft. 3 in.)
B Maximum Digging Depth	7.38 m (24 ft. 3 in.)	8.18 m (26 ft. 10 in.)
B' 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.)
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.)



ZX350LC-6

	Machine Dimensions	ZX350LC-6
A	Overall Length	
	3.2-m (10 ft. 6 in.) arm / 6.4-m (21 ft. 0 in.) boom	11.20 m (36 ft. 9 in.)
	4.0-m (13 ft. 1 in.) arm / 6.4-m (21 ft. 0 in.) boom	11.29 m (37 ft. 0 in.)
B	Overall Height	
	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 (11 ft. 10 in.)
C	Swing Radius	3.60 m (11 ft. 10 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	1.18 m (3 ft. 10 in.)
G	Upperstructure Width	2.99 m (9 ft. 10 in.)
H	Cab Height	3.14 m (10 ft. 4 in.)
I	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 (10 ft. 10 in.)
	800 mm (32 in.)	3.39 m (11 ft. 2 in.)



Lift Charts ZX350LC-6

Boldface type indicates hydraulically limited capacity; lightface type indicates stability-limited capacities, in kg (lb.). All lift capacities are based on ISO 10567 (with power boost). Machine equipped with 800-mm (32 in.) shoes; standard gauge; and situated on firm, uniform supporting surface. Total load includes weight of cables, hook, etc. Figures do not exceed 87 percent of hydraulic capacities or 75 percent 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 Side
With 3.20-m (10 ft. 6 in.) arm, 6.4-m (21 ft. 0 in.) boom and 1273-kg (2,806 lb.) bucket												
6.0 m (20 ft.)									**7960** **(17,430)**	6440 (13,810)		
4.5 m (15 ft.)							**9960** **(21,550)**	9100 (19,600)	**8610** **(18,740)**	6230 (13,370)		
3.0 m (10 ft.)					**16 250** **(34,880)**	13 410 (28,920)	**11 680** **(25,230)**	8560 (18,440)	**9480** **(20,580)**	5950 (12,800)	**6360**	4430
1.5 m (5 ft.)					**18 820** **(40,590)**	12 520 (26,970)	**13 160** **(28,450)**	8080 (17,410)	9520 (20,460)	5690 (12,240)	7190 (15,430)	4310 (9,230)
Ground Line					**19 600** **(42,440)**	12 150 (26,120)	13 390 (28,750)	7780 (16,750)	9310 (20,020)	5510 (11,840)	7050 (15,150)	4180 (8,970)
−1.5 m (−5 ft.)			**12 220** **(27,720)**	**12 220** **(27,720)**	**19 070** **(41,350)**	12 080 (25,960)	13 250 (28,450)	7660 (16,490)	9220 (19,830)	5430 (11,670)	6960 (14,960)	4100 (8,800)
−3.0 m (−10 ft.)	**14 530** **(32,600)**	**14 530** **(32,600)**	**19 970** **(45,330)**	**19 970** **(45,330)**	**17 430** **(37,730)**	12 210 (26,230)	**13 030** **(28,110)**	7710 (16,590)	9290 (20,000)	5480 (11,820)		
−4.5 m (−15 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** **(15,190)**	6580 (14,110)	**5700** **(11,000)**	4600 (9,810)
4.5 m (15 ft.)									**7700** **(16,760)**	6340 (13,600)	**7140** **(15,550)**	4500 (9,620)
3.0 m (10 ft.)					**14 170** **(30,440)**	13 920 (30,010)	**10 530** **(22,750)**	8750 (18,840)	**8700** **(18,870)**	6030 (12,950)	7230 (15,510)	4340 (9,290)
1.5 m (5 ft.)					**17 420** **(37,540)**	12 800 (27,580)	**12 280** **(26,550)**	8190 (17,630)	9560 (20,550)	5720 (12,290)	7040 (15,120)	4170 (8,930)
Ground Line			**6960** **(15,920)**	**6960** **(15,920)**	**19 120** **(41,350)**	12 170 (26,180)	13 410 (28,800)	7790 (16,750)	9290 (19,970)	5480 (11,770)	6900 (14,810)	4030 (8,650)
−1.5 m (−5 ft.)	**7010** **(15,670)**	**7010** **(15,670)**	**11 120** **(25,190)**	**11 120** **(25,190)**	**19 370** **(41,950)**	11 930 (25,640)	13 160 (28,260)	7570 (16,280)	9130 (19,620)	5330 (11,460)	6820 (14,660)	3960 (8,510)
−3.0 m (−10 ft.)	**11 610** **(26,040)**	**11 610** **(26,040)**	**16 550** **(37,530)**	**16 550** **(37,530)**	**18 430** **(39,880)**	11 950 (25,670)	13 110 (28,150)	7530 (16,190)	9100 (19,580)	5310 (11,420)		
−4.5 m (−15 ft.)	**17 110** **(38,570)**	**17 110** **(38,570)**	**22 900** **(49,330)**	**22 900** **(49,330)**	**16 180** **(34,810)**	12 160 (26,160)	**11 970** **(25,650)**	7660 (16,490)	**8670** **(18,130)**	5450 (11,780)		
−6.0 m (−20 ft.)			**16 290** **(34,320)**	**16 290** **(34,320)**	**11 790** **(24,700)**	**11 790** **(24,700)**	**7960**	7960				

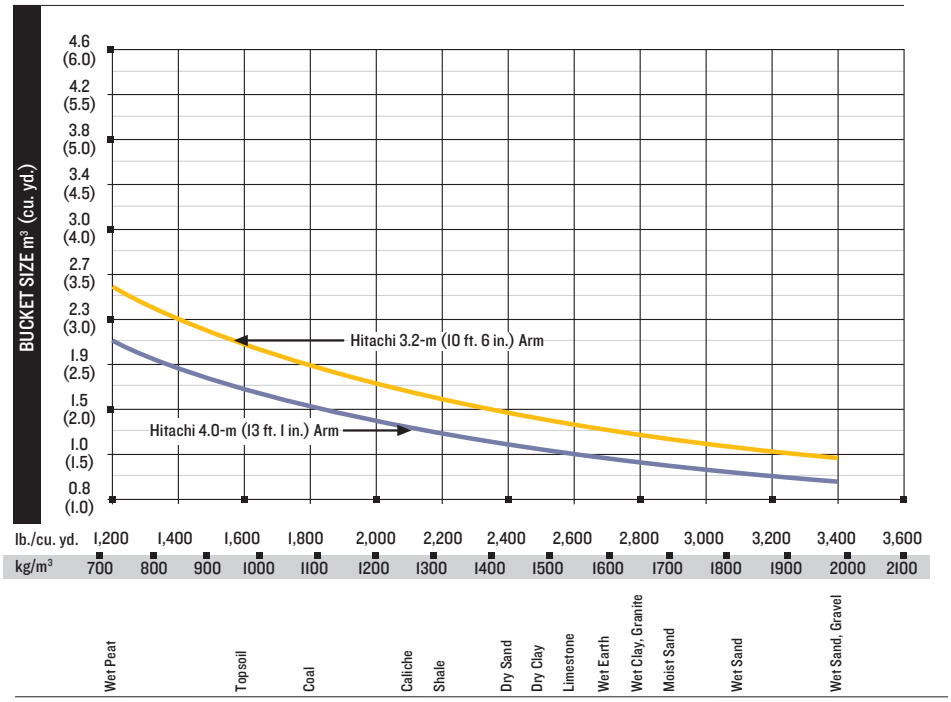
ZX350LC-6

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 150 mm (6 in.) to bucket widths. Capacities are SAE heaped ratings.

Type Bucket	Bucket Width		Bucket Capacity		Bucket Weight		Bucket Dig Force		Arm Dig Force 3.2 m (10 ft. 6 in.)		Arm Dig Force 4.0 m (13 ft. 1 in.)		Bucket Tip Radius		Number 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*

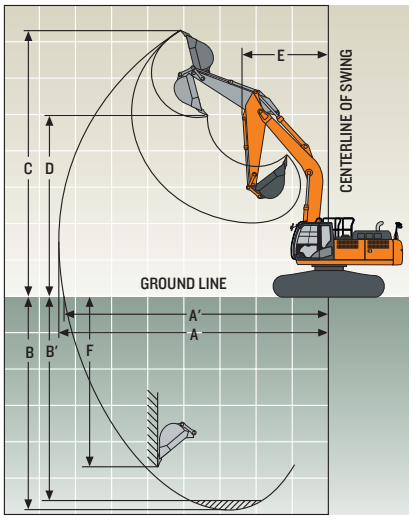


*Contact your Hitachi dealer for optimum bucket and attachment selections. These recommendations are for general conditions and average use. Does not include optional equipment such as thumbs or couplers. Larger buckets may be possible when using light materials, for flat and level operations, less compacted 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

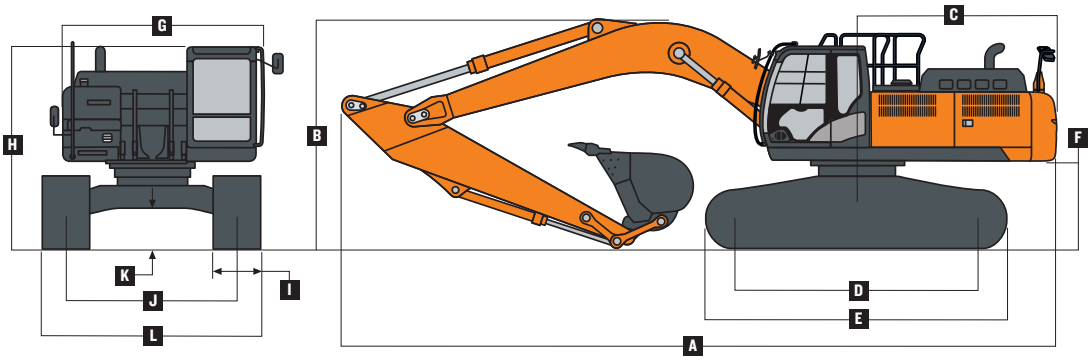
Engine	ZX380LC-6		
Manufacturer and Model	Isuzu 6HKI		
Non-Road Emission Standard	EPA Final Tier 4 / EU Stage IV		
Net Rated Power (ISO 9249)	202 kW (271 hp) at 1,900 rpm		
Cylinders	6		
Displacement	7.8 L (475 cu. in.)		
Off-Level Capacity	70% (35 deg.)		
Aspiration	Turbocharged, air-to-air charge-air cooler		
Cooling			
High efficiency direct-driven, suction-type fan and cool-on-demand hydraulic-driven, suction-type 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 lb.)		
Hydraulics			
Open center, load sensing			
Main Pumps	2 variable-displacement pumps		
Maximum Rated Flow	288 L/m (76.1 gpm) x 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-stroke, low-effort hydraulic pilot controls with shutoff lever		
Cylinders			
	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 (1)	140 mm (5.5 in.)	95 mm (3.7 in.)	1250 mm (49.2 in.)
Electrical			
Number of Batteries (12 volt)	2		
Battery Capacity	1,000 CCA		
Alternator Rating	50 amp		
Work Lights	2 halogen (one mounted on boom, one on frame)		
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	52.5 kPa (7.61 psi)		
Swing Mechanism			
Speed	10.7 rpm		
Torque	120 000 Nm (88,500 lb.-ft.)		

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	1.1 L (1.2 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	37 428 kg (82,515 lb.)	
Component Weights		
Undercarriage w/ HD Triple Semi-Grouser Shoes		
800-mm (32 in.)	13 550 kg (29,872 lb.)	
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.)	
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		
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		
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.)	11.86 m (38 ft. 11 in.)
A' Maximum Reach at Ground Level	10.89 m (35 ft. 9 in.)	11.67 m (38 ft. 3 in.)
B Maximum Digging Depth	7.38 m (24 ft. 3 in.)	8.18 m (26 ft. 10 in.)
B' 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.)
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

	Machine Dimensions	ZX380LC-6
A	Overall Length	
	3.2-m (10 ft. 6 in.) HD arm / 6.4-m (21 ft. 0 in.) HD boom	11.20 m (36 ft. 9 in.)
	4.0-m (13 ft. 1 in.) arm / 6.4-m (21 ft. 0 in.) HD boom	11.29 m (37 ft. 0 in.)
B	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 (11 ft. 10 in.)
C	Swing Radius	3.60 m (11 ft. 10 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	1.18 m (3 ft. 10 in.)
G	Upperstructure Width	2.99 m (9 ft. 10 in.)
H	Cab Height	3.14 m (10 ft. 4 in.)
I	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 (10 ft. 10 in.)
	800 mm (32 in.)	3.39 m (11 ft. 2 in.)



Lift Charts ZX380LC-6

Boldface type indicates hydraulically limited capacity; lightface type indicates stability-limited capacities, in kg (lb.). All lift capacities are based on ISO 10567 (with power boost). Machine equipped with 1273-kg (2,806 lb.) bucket and 800-mm (32 in.) HD shoes; standard gauge; and situated on firm, uniform supporting surface. Total load includes weight of cables, hook, etc. Figures do not exceed 87 percent of hydraulic capacities or 75 percent 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 Side**
With 3.20-m (10 ft. 6 in.) HD arm and 6.4-m (21 ft. 0 in.) HD boom												
6.0 m (20 ft.)									**7780 (17,040)**	6940 (14,890)		
4.5 m (15 ft.)							**9760 (21,110)**	**9760 (21,090)**	**8410 (18,310)**	6710 (14,410)	**6310**	4780
3.0 m (10 ft.)					**15 930 (34,200)**	14 370 (31,010)	**11 430 (24,690)**	9190 (19,810)	**9260 (20,100)**	6410 (13,780)	7730 (16,580)	4650 (9,970)
1.5 m (5 ft.)					**18 430 (39,750)**	13 400 (28,870)	**12 870 (27,820)**	8670 (18,680)	**10 060 (21,790)**	6120 (13,170)	7570 (16,270)	4510 (9,680)
Ground Line					**19 190 (41,540)**	12 990 (27,940)	**13 670 (29,590)**	8350 (17,960)	9980 (21,460)	5920 (12,730)	7470 (16,070)	4420 (9,490)
−1.5 m (−5 ft.)			**12 170 (27,630)**	**12 170 (27,630)**	**18 650 (40,440)**	12 920 (27,770)	**13 670 (29,590)**	8220 (17,680)	9890 (21,260)	5830 (12,550)		
−3.0 m (−10 ft.)	**14 490 (32,500)**	**14 490 (32,500)**	**19 930 (45,250)**	**19 930 (45,250)**	**17 030 (36,840)**	13 070 (28,080)	**12 710 (27,420)**	8270 (17,790)	**9510 (20,290)**	5900 (12,720)		
−4.5 m (−15 ft.)			**18 680 (40,140)**	**18 680 (40,140)**	**13 900 (29,780)**	13 420 (28,890)	**10 190 (21,530)**	8530 (18,420)				
With 4.0-m (13 ft. 1 in.) arm and 6.4-m (21 ft. 0 in.) HD boom												
7.5 m (25 ft.)									**(14,580)**	**(14,580)**		
6.0 m (20 ft.)									**6900 (15,110)**	**6900 (15,110)**	**5700 (11,000)**	5080 (10,830)
4.5 m (15 ft.)									**7650 (16,660)**	6940 (14,910)	**7090 (15,510)**	4970 (10,640)
3.0 m (10 ft.)					**14 100 (30,280)**	**14 100 (30,280)**	**10 470 (22,620)**	9540 (20,560)	**8640 (18,740)**	6620 (14,230)	**7580 (16,520)**	4800 (10,290)
1.5 m (5 ft.)					**17 290 (37,280)**	13 940 (30,030)	**12 190 (26,360)**	8960 (19,290)	**9610 (20,840)**	6300 (13,540)	7690 (16,520)	4620 (9,920)
Ground Line			**6960 (15,920)**	**6960 (15,920)**	**18 970 (41,020)**	13 280 (28,550)	**13 390 (28,960)**	8540 (18,370)	10 110 (21,730)	6040 (12,980)	7530 (16,190)	4480 (9,620)
−1.5 m (−5 ft.)	**7010 (15,670)**	**7010 (15,670)**	**11 120 (25,190)**	**11 120 (25,190)**	**19 210 (41,600)**	13 020 (27,990)	**13 830 (29,930)**	8310 (17,870)	9940 (21,370)	5890 (12,660)	7450 (16,030)	4410 (9,470)
−3.0 m (−10 ft.)	**11 610 (26,040)**	**11 610 (26,040)**	**16 550 (37,530)**	**16 550 (37,530)**	**18 260 (39,520)**	13 030 (28,010)	**13 410 (28,980)**	8260 (17,770)	9910 (21,310)	5860 (12,610)		
−4.5 m (−15 ft.)	**17 110 (38,570)**	**17 110 (38,570)**	**22 660 (48,820)**	**22 660 (48,820)**	**16 010 (34,460)**	13 250 (28,510)	**11 850 (25,390)**	8390 (18,080)	**8570 (17,930)**	6000 (12,980)		
−6.0 m (−20 ft.)			**16 080 (33,860)**	**16 080 (33,860)**	**11 640 (24,390)**	**11 640 (24,390)**	**7850**	**7850**				

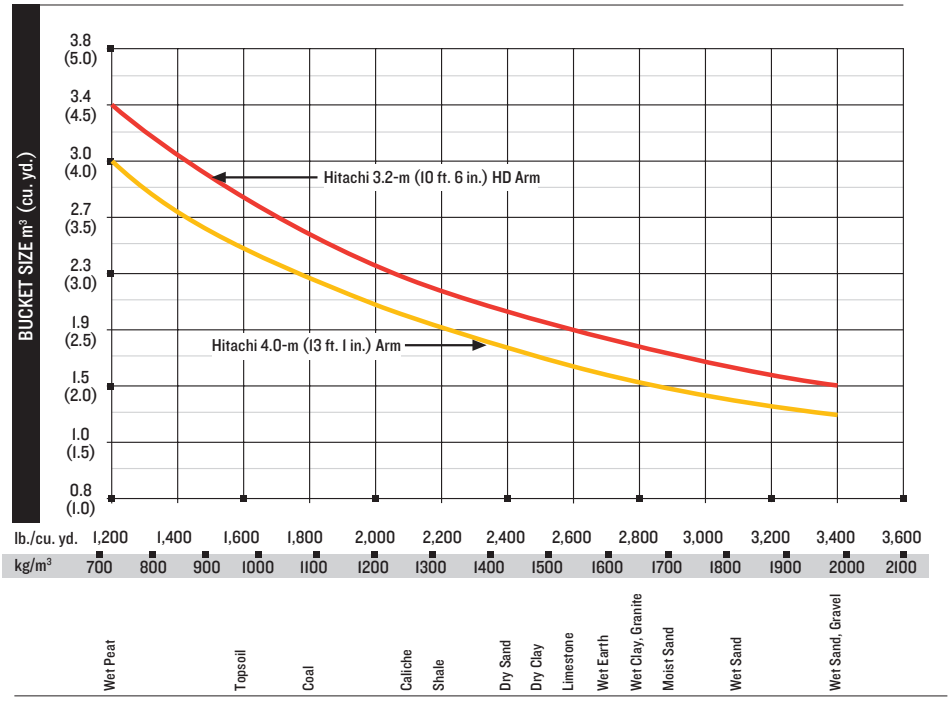
ZX380LC-6

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 150 mm (6 in.) to bucket widths. Capacities are SAE heaped ratings.

Type Bucket	Bucket Width		Bucket Capacity		Bucket Weight		Bucket Dig Force		Arm Dig Force 3.2 m (10 ft. 6 in.)		Arm Dig Force 4.0 m (13 ft. 1 in.)		Bucket Tip Radius		Number of Teeth
	mm	in.	m^3	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.

ZX350LC-6
ZX380LC-6

Key: ● Standard ▲ Optional or special kit

350	380	Engine
●	●	Auto-idle system
●	●	Batteries (2 – 12 volt)
●	●	Coolant recovery tank
●	●	Dual-element dry-type air filter
●	●	Electronic engine control
●	●	Enclosed fan guard (conforms to SAE J1308)
●	●	Engine coolant to –37 deg. C (–34 deg. F)
●	●	Programmable auto shutdown
●	●	Fuel filter with water separator
●	●	Full-flow oil filter
●	●	Turbocharger with charge air cooler
●	●	High-efficiency, low-noise fan
●	●	500-hour engine-oil-change interval
●	●	70% (35 deg.) off-level capability
●	●	Severe-duty fuel filter
●	●	Engine-oil-sampling value
▲	▲	Chrome exhaust stack
▲	▲	Engine coolant heater
▲	▲	Engine air pre-cleaner
		Hydraulic System
●	●	Reduced-drift valve for boom down, arm in
●	●	Auxiliary hydraulic valve section
●	●	Spring-applied, hydraulically released automatic swing brake
●	●	Auxiliary hydraulic-flow adjustments through monitor
●	●	Auto power lift
●	●	5,000-hour hydraulic-oil-change interval
●	●	Hydraulic-oil-sampling valve
●	●	HIOS III hydraulic management system
●	●	Control pattern change valve
▲	▲	Auxiliary hydraulics with combination piping
▲	▲	Auxiliary pilot and electric controls
▲	▲	Hydraulic filter restriction indicator kit
▲	▲	Load-lowering control / Anti-drift device
▲	▲	Single-pedal propel control
		Undercarriage
●	●	Planetary drive with axial piston motors
●	●	Propel motor shields
●	●	Spring-applied, hydraulically released automatic propel brake
●	●	Track guides, front idler and 3 additional
●	●	2-speed propel with automatic shift
●	●	Upper carrier rollers (2)
●	●	Sealed and lubricated track chain
●	●	Heavy-duty undercover
●		Triple semi-grouser shoes, 600 mm (24 in.)
●		Triple semi-grouser shoes, 700 mm (28 in.)
●	●	Single-bar shoes, 700 mm (28 in.) Heavy Duty (HD)
●		Triple semi-grouser shoes, 800 mm (32 in.)
	●	Triple semi-grouser shoes, 800 mm (32 in.) HD
▲	▲	Undercarriage frame opening guard
▲	▲	Heavy-duty track frame undercover

350	380	Upperstructure
●	●	Right-hand, left-hand, and counterweight mirrors
●	●	Vandal locks with ignition key: Cab door / Service doors / Toolbox
●	●	Debris screen
●	●	Remote-mounted engine oil and fuel filters
▲	▲	"D" channel guard
		Front Attachments
●	●	Centralized lubrication system
●	●	Dirt seals on all bucket pins
●	●	Less boom and arm
●	●	Oil-impregnated bushings
●	●	Reinforced resin thrust plates
●	●	Tungsten carbide thermal coating on arm-to-bucket joint
▲		Arm, 3.2 m (10 ft. 6 in.)
	▲	Arm, 3.2 m (10 ft. 6 in.) HD
▲	▲	Arm, 4.0 m (13 ft. 1 in.)
▲	▲	Attachment quick-couplers
▲	▲	Boom cylinder with plumbing to mainframe less boom and arm
▲	▲	Buckets: Heavy duty / Heavy-duty high capacity / Side cutters and teeth
▲	▲	"D" channel guard
▲	▲	Material clamps
▲	▲	Super-long fronts
		Operator's Station
●	●	Adjustable independent-control positions (levers-to-seat, seat-to-pedals)
●	●	AM/FM radio
●	●	Auto climate control/air conditioner/heater/ pressurizer
●	●	Built-in Operator's Manual storage compartment and manual
●	●	Cell-phone power outlet, 12 volt, 60 watt, 5 amp
●	●	Coat hook
●	●	Deluxe suspension cloth seat with 100-mm (4 in.) adjustable armrests
●	●	Floor mat
●	●	Front windshield wiper with intermittent speeds
●	●	Gauges (illuminated): Diesel Exhaust Fluid (DEF) / Engine coolant / Fuel
●	●	Horn, electric
●	●	Hour meter, electric
●	●	Hydraulic shutoff lever, all controls
●	●	Hydraulic warm-up control
●	●	Interior light

350	380	Operator's Station (continued)
●	●	Large cup holder
●	●	Machine Information Center (MIC)
●	●	Mode selectors (illuminated): Power modes (3) / Travel modes (2 with automatic shift) / Work mode (1)
●	●	Multifunction, color LCD monitor with: Diagnostic capability / Multiple-language capabilities / Maintenance tracking / Clock / System monitoring with alarm features: Auto-idle indicator, engine air cleaner restriction indicator light, engine check, engine coolant temperature indicator light with audible alarm, engine oil pressure indicator light with audible alarm, low-alternator-charge indicator light, low-fuel indicator light, low DEF indication with audible alarm, fault code alert indicator, fuel-rate display, wipermode indicator, work-lights-on indicator, and work-mode indicator
●	●	Motion alarm with cancel switch (conforms to SAE J994)
●	●	Power-boost switch on right console lever
●	●	Auxiliary hydraulic control switches in right console lever
●	●	SAE 2-lever control pattern
●	●	Seat belt, 76 mm (3 in.), retractable
●	●	Tinted glass
●	●	Transparent tinted overhead hatch
●	●	Hot/cold beverage compartment
●	●	USB charging port
▲	▲	Air-suspension heated seat
▲	▲	Premium heated/cooled leather seat
▲	▲	Hydraulic oil filter restriction indicator light
▲	▲	Protection screens for cab front, rear, and side
▲	▲	Window vandal-protection covers
		Grade Control
▲		Grade guidance, factory-integrated
		Electrical
●	●	50-amp alternator
●	●	Battery disconnect switch
●	●	Blade-type multi-fused circuits
●	●	Positive-terminal battery covers
●	●	ZXLink™ wireless communication system (available in specific countries; see your dealer for details)
●	●	Rearview camera
▲	▲	Cab extension wiring harness
		Lights
●	●	Work lights: Halogen / One mounted on boom / One mounted on frame
▲	▲	2 lights mounted on cab / One mounted on right side of boom
▲	▲	LED light kit

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 1370-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.