



# HAWK

Reach Beyond, with HAWK.

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**CONSTRUCTION-CLASS EXCAVATORS**

## ZX300LC-6



# ZAXIS300

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ZX300LC-6

## EXCAVATOR FOCUSED. NO DISTRACTIONS.

### EXCAVATOR EXPERTS.

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 ZX250LC-6 and ZX300LC-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, dig 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. By not building everything...

**WE COMPROMISE ON NOTHING.**

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# SPECIALISTS

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ZX300LC-6

## TACKLE YOUR **TOUGHEST** JOBS.

### IT'S ALL ABOUT UPTIME.

Operators have come to expect smooth responsiveness and multifunction capability – and Dash-6 Excavators deliver. 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 ZX250LC-6 and the ZX300LC-6 combine power and finesse for maximum productivity on any job from site development to utility work. Choose from three work modes to fit the task. High Productivity (HP) delivers more power and faster hydraulic response. Power (P) delivers a balance of power and speed, plus fuel economy for normal operation. Economy (E) maximizes fuel efficiency while delivering an enhanced level of productivity.

Need even more? Choose from a wide variety of track widths, arm lengths, bucket sizes and teeth, high-flow auxiliary hydraulic packages and other options.

### RELIABLE PRODUCTIVITY.

■ 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.

■ When the digging gets tough, just press the power-boost button and muscle through.

■ Generous swing torque, digging force and lift capacity help keep you on schedule.

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# PRODUCTIVITY

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[www.hawkexcavator.com](http://www.hawkexcavator.com) | (713) 230 8725 | [info@hawkexcavator.com](mailto:info@hawkexcavator.com)



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# COMFORT

■ 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.

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# ZX300LC-6

<b>Engine</b>	<b>ZX300LC-6</b>		
Manufacturer and Model	Isuzu GHKI		
Non-Road Emission Standard	EPA Final Tier 4 / EU Stage IV		
Net Rated Power (ISO 9249)	186 kW (249 hp) at 1,900 rpm		
Cylinders	6		
Displacement	7.79 L (475 cu. in.)		
Off-Level Capacity	70% (35 deg.)		
Aspiration	Turbocharged, air-to-air charge-air cooler		
<b>Cooling</b>	High efficiency direct-driven, suction-type fan		
<b>Powertrain</b>	2-speed propel with automatic shift		
<b>Maximum Travel Speed</b>			
Low	3.1 km/h (1.9 mph)		
High	5.2 km/h (3.2 mph)		
Drawbar Pull	25 085 kg (55,303 lb.)		
<b>Hydraulics</b>			
Open center, load sensing	2 variable-displacement pumps		
<b>Main Pumps</b>	236 L/m (62.3 gpm) x 2		
<b>System Operating Pressure</b>			
Circuits			
Implement	34 300 kPa (4,975 psi)		
Travel	35 000 kPa (5,076 psi)		
Swing	32 400 kPa (4,830 psi)		
Power Boost	38 000 kPa (5,511 psi)		
<b>Controls</b>	Pilot levers, short-stroke, low-effort hydraulic pilot controls with shutoff lever		
<b>Cylinders</b>			
	<b>Bore</b>	<b>Rod Diameter</b>	<b>Stroke</b>
<b>Boom (2)</b>	135 mm (5.3 in.)	95 mm (3.7 in.)	1422 mm (56.0 in.)
<b>Arm (1)</b>	150 mm (5.9 in.)	105 mm (4.1 in.)	1659 mm (65.3 in.)
<b>Bucket (1)</b>	135 mm (5.3 in.)	90 mm (3.5 in.)	1070 mm (42.1 in.)
<b>Electrical</b>			
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)		
<b>Undercarriage</b>			
<b>Rollers (each side)</b>			
Carrier	2		
Track	8		
<b>Shoes, Triple Semi-Grousers (each side)</b>	48		
<b>Track</b>			
Adjustment	Hydraulic		
Guides	2 per side		
Chain	Sealed and lubricated		
<b>Ground Pressure</b>			
Triple Semi-Grouser Shoes			
700-mm (28 in.)	46.9 kPa (6.80 psi)		
800-mm (32 in.)	41.0 kPa (5.95 psi)		
<b>Swing Mechanism</b>			
Speed	10.3 rpm		
Torque	90 500 Nm (66,749 lb.-ft.)		

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## SPECS

**Serviceability ZX300LC-6**

Refill Capacities	
Fuel Tank	510 L (135 gal.)
Diesel Exhaust Fluid (DEF) Tank	70 L (18 gal.)
Cooling System	48 L (13 gal.)
Engine Oil with Filter	48 L (13 gal.)
Hydraulic Tank	156 L (41 gal.)
Hydraulic System	290 L (77 gal.)
Swing Drive	12 L (12.7 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; 1.25-m<sup>3</sup> (1.63 cu. yd.), 1067-mm (42 in.), 957-kg (2,110 lb.) bucket; 3.76-m (12 ft. 4 in.) arm; 5600-kg (12,346 lb.) counterweight; and 800-mm (32 in.) triple semi-grouser shoes

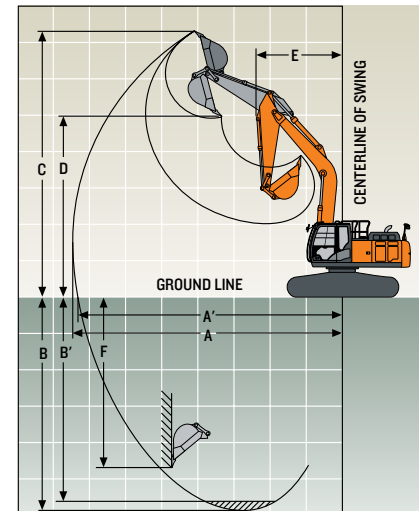
Operating Weight	29 200 kg (64,375 lb.)
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**Component Weights**

Undercarriage w/ Triple Semi-Grouser Shoes	
700 mm (28 in.)	11 478 kg (25,305 lb.)
800 mm (32 in.)	11 881 kg (26,193 lb.)
One-Piece Boom (with arm cylinder)	
2232 kg (5,119 lb.)	
Arm with Bucket Cylinder and Linkage	
3.11 m (10 ft. 2 in.)	1288 kg (2,840 lb.)
3.76 m (12 ft. 4 in.)	1377 kg (3,036 lb.)
Boom Lift Cylinders (2) Total Weight	
490 kg (1,080 lb.)	

**Operating Dimensions**

Arm Length	3.11 m (10 ft. 2 in.)	3.76 m (12 ft. 4 in.)
Arm Digging Force		
SAE	138 kN (31,024 lb.)	121 kN (27,202 lb.)
ISO	144 kN (32,372 lb.)	127 kN (28,551 lb.)
Bucket Digging Force		
SAE	175 kN (39,342 lb.)	175 kN (39,342 lb.)
ISO	202 kN (45,411 lb.)	202 kN (45,411 lb.)
A Maximum Reach	10.71 m (35 ft. 2 in.)	11.27 m (37 ft. 0 in.)
A Maximum Reach at Ground Level	10.52 m (34 ft. 6 in.)	11.09 m (36 ft. 5 in.)
B Maximum Digging Depth	7.22 m (23 ft. 8 in.)	7.87 m (25 ft. 10 in.)
B Maximum Digging Depth at 2.44-m (8 ft.) Flat Bottom	7.04 m (23 ft. 1 in.)	7.71 m (25 ft. 4 in.)
C Maximum Cutting Height	10.27 m (33 ft. 8 in.)	10.47 m (34 ft. 4 in.)
D Maximum Dumping Height	7.33 m (24 ft. 1 in.)	7.54 m (24 ft. 9 in.)
E Minimum Swing Radius	3.90 m (12 ft. 10 in.)	3.89 m (12 ft. 9 in.)
F Maximum Vertical Wall	6.48 m (21 ft. 3 in.)	7.05 m (23 ft. 2 in.)



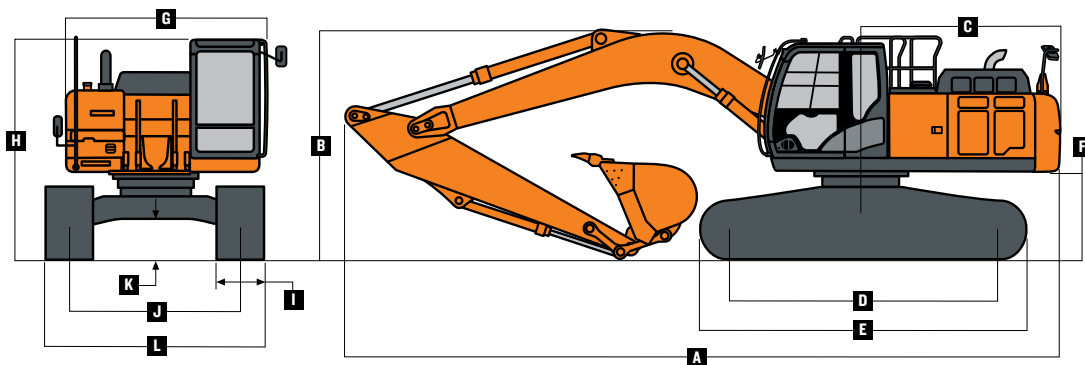


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Machine Dimensions	ZX300LC-6
<b>A Overall Length w/ Arm</b>	
3.11 m (10 ft. 2 in.)	10.66 m (34 ft. 12 in.)
3.76 m (12 ft. 4 in.)	10.71 m (35 ft. 2 in.)
<b>B Overall Height w/ Arm</b>	
3.11 m (10 ft. 2 in.)	3.20 m (10 ft. 6 in.)
3.76 m (12 ft. 4 in.)	3.38 m (11 ft. 1 in.)
<b>C Tail Swing Radius</b>	3.25 m (10 ft. 8 in.)
<b>D Distance Between Idler/Sprocket Centerline</b>	4.05 m (13 ft. 3 in.)
<b>E Undercarriage Length</b>	4.94 m (16 ft. 2 in.)
<b>F Counterweight Clearance</b>	1.17 m (3 ft. 10 in.)
<b>G Upperstructure Width</b>	2.99 m (9 ft. 10 in.)
<b>H Cab Height</b>	3.11 m (10 ft. 2 in.)
<b>I Track Width w/ Triple Semi-Grouser Shoes</b>	700 mm (28 in.) / 800 mm (32 in.)
<b>J Gauge Width</b>	1.99 m (6 ft. 6 in.)
<b>K Ground Clearance</b>	0.51 m (20 in.)
<b>L Overall Width w/ Triple Semi-Grouser Shoes</b>	
700 mm (28 in.)	3.29 m (10 ft. 10 in.)
800 mm (32 in.)	3.39 m (11 ft. 1 in.)



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# SPECS

**Lift Charts (continued) ZX300LC-6**

**Boldface type indicates hydraulically limited capacity; lightface type indicates stability-limited capacities, in kg (lb.).** Ratings at bucket lift hook; machine equipped with 957-kg (2,110 lb.) bucket; 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. All lift capacities are based on ISO 10567.

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 3.11-m (10 ft. 2 in.) arm, 957-kg (2,110 lb.) bucket and 700-mm (32 in.) shoes												
6.0 m (20 ft.)							<b>6300</b>	<b>6300</b>	<b>6130</b>	<b>5290</b>		
							(13,760)	(13,760)	(13,190)	(11,340)		
4.5 m (15 ft.)					<b>9000</b>	<b>9000</b>	<b>7370</b>	<b>7370</b>	<b>6570</b>	<b>5150</b>		
					(19,330)	(19,330)	(15,970)	(15,970)	(14,330)	(11,070)		
3.0 m (10 ft.)					<b>11 980</b>	<b>11 200</b>	<b>8770</b>	<b>7120</b>	<b>7270</b>	<b>4950</b>	<b>4730</b>	<b>3590</b>
					(25,720)	(24,150)	(18,960)	(15,350)	(15,800)	(10,650)		
1.5 m (5 ft.)					<b>14 400</b>	<b>10 460</b>	<b>10 090</b>	<b>6750</b>	<b>7980</b>	<b>4750</b>	<b>5570</b>	<b>3500</b>
					(31,030)	(22,520)	(21,810)	(14,530)	(17,150)	(10,220)		
Ground Line					<b>15 450</b>	<b>10 110</b>	<b>10 950</b>	<b>6500</b>	<b>7810</b>	<b>4610</b>		
					(33,420)	(21,740)	(23,560)	(13,980)	(16,800)	(9,910)		
-1.5 m (-5 ft.)	<b>5990</b>	<b>5990</b>	<b>9420</b>	<b>9420</b>	<b>15 380</b>	<b>10 030</b>	<b>11 090</b>	<b>6390</b>	<b>7740</b>	<b>4540</b>		
	(13,420)	(13,420)	(21,410)	(21,410)	(33,320)	(21,550)	23,820	(13,750)	(16,650)	(9,770)		
-3.0 m (-10 ft.)	<b>11 070</b>	<b>11 070</b>	<b>15 650</b>	<b>15 650</b>	<b>14 370</b>	<b>10 120</b>	<b>10 620</b>	<b>6420</b>	<b>7800</b>	<b>4590</b>		
	(24,860)	(24,860)	(35,600)	(35,600)	(31,100)	(21,740)	(22,910)	(13,810)				
-4.5 m (-15 ft.)			<b>16 830</b>	<b>16 830</b>	<b>12 110</b>	<b>10 370</b>	<b>8730</b>	<b>6610</b>				
			(36,190)	(36,190)	(25,970)	(22,320)	(18,420)	(14,280)				
With 3.11-m (10 ft. 2 in.) arm, 957-kg (2,110 lb.) bucket and 800-mm (32 in.) shoes												
6.0 m (20 ft.)							<b>6300</b>	<b>6300</b>	<b>6130</b>	<b>5360</b>		
							(13,760)	(13,760)	(13,190)	(11,490)		
4.5 m (15 ft.)					<b>9000</b>	<b>9000</b>	<b>7370</b>	<b>7370</b>	<b>6570</b>	<b>5220</b>		
					(19,330)	(19,330)	(15,970)	(15,970)	(14,330)	(11,210)		
3.0 m (10 ft.)					<b>11 980</b>	<b>11 330</b>	<b>8770</b>	<b>7210</b>	<b>7270</b>	<b>5020</b>	<b>4730</b>	<b>3640</b>
					(25,720)	(24,420)	(18,960)	(15,530)	(15,800)	(10,790)		
1.5 m (5 ft.)					<b>14 400</b>	<b>10 590</b>	<b>10 090</b>	<b>6830</b>	<b>7990</b>	<b>4820</b>	<b>5570</b>	<b>3550</b>
					(31,030)	(22,800)	(21,810)	(14,720)	(17,330)	(10,360)		
Ground Line					<b>15 450</b>	<b>10 240</b>	<b>10 950</b>	<b>6580</b>	<b>7910</b>	<b>4670</b>		
					(33,420)	(22,020)	(23,560)	(14,170)	(17,020)	(10,050)		
-1.5 m (-5 ft.)	<b>5990</b>	<b>5990</b>	<b>9420</b>	<b>9420</b>	<b>15 380</b>	<b>10 160</b>	<b>11 170</b>	<b>6470</b>	<b>7840</b>	<b>4600</b>		
	(13,420)	(13,420)	(21,410)	(21,410)	(33,320)	(21,830)	(24,120)	(13,930)	(16,860)	(9,910)		
-3.0 m (-10 ft.)	<b>11 070</b>	<b>11 070</b>	<b>15 650</b>	<b>15 650</b>	<b>14 370</b>	<b>10 240</b>	<b>10 620</b>	<b>6500</b>	<b>7900</b>	<b>4660</b>		
	(24,860)	(24,860)	(35,600)	(35,600)	(31,100)	(22,020)	(22,910)	(14,000)				
-4.5 m (-15 ft.)			<b>16 830</b>	<b>16 830</b>	<b>12 110</b>	<b>10 500</b>	<b>8730</b>	<b>6700</b>				
			(36,190)	(36,190)	(25,970)	(22,590)	(18,420)	(14,470)				
With 3.76-m (12 ft. 4 in.) arm, 957-kg (2,110 lb.) bucket and 700-mm (32 in.) shoes												
7.5 m (25 ft.)									<b>4330</b>	<b>4330</b>		
6.0 m (20 ft.)									<b>5410</b>	<b>5400</b>		
									(11,880)	(11,570)		
4.5 m (15 ft.)							<b>6530</b>	<b>6530</b>	<b>5950</b>	<b>5230</b>	<b>4420</b>	<b>3720</b>
							(14,150)	(14,150)	(12,970)	(11,240)	(8,520)	(7,950)
3.0 m (10 ft.)					<b>10 590</b>	<b>10 590</b>	<b>8000</b>	<b>7260</b>	<b>6730</b>	<b>5010</b>	<b>5700</b>	<b>3620</b>
					(22,740)	(22,740)	(17,300)	(15,630)	(14,630)	(10,770)	(11,530)	(7,740)
1.5 m (5 ft.)			<b>31,310</b>	<b>31,310</b>	<b>13 980</b>	<b>10 800</b>	<b>9470</b>	<b>8830</b>	<b>7560</b>	<b>4780</b>	<b>6000</b>	<b>3500</b>
					(28,820)	(23,250)	(20,480)	(14,710)	(16,390)	(10,280)	(12,890)	(7,500)
Ground Line			<b>5670</b>	<b>5670</b>	<b>15 000</b>	<b>10 290</b>	<b>10 570</b>	<b>8520</b>	<b>7810</b>	<b>4660</b>	<b>5900</b>	<b>3400</b>
			(13,000)	(13,000)	(32,430)	(22,130)	(22,870)	(14,020)	(16,790)	(9,880)	(12,670)	(7,300)
-1.5 m (-5 ft.)	<b>5650</b>	<b>5650</b>	<b>9100</b>	<b>9100</b>	<b>15 440</b>	<b>10 090</b>	<b>11 050</b>	<b>6350</b>	<b>7690</b>	<b>4490</b>	<b>5050</b>	<b>3360</b>
	(12,640)	(12,640)	(20,640)	(20,640)	(33,440)	(21,690)	(23,730)	(13,650)	(16,530)	(9,650)		
-3.0 m (-10 ft.)	<b>9450</b>	<b>9450</b>	<b>13 660</b>	<b>13 660</b>	<b>14 900</b>	<b>10 100</b>	<b>10 890</b>	<b>6320</b>	<b>7680</b>	<b>4480</b>		
	(21,200)	(21,200)	(31,010)	(31,010)	(32,250)	(21,710)	(23,530)	(13,590)	(16,520)	(9,640)		
-4.5 m (-15 ft.)	<b>14 050</b>	<b>14 050</b>	<b>19 080</b>	<b>19 080</b>	<b>13 270</b>	<b>10 280</b>	<b>9720</b>	<b>6430</b>				
	(31,670)	(31,670)	(41,110)	(41,110)	(28,560)	(22,110)	(20,810)	(13,860)				
-6.0 m (-20 ft.)			<b>13 820</b>	<b>13 820</b>	<b>9700</b>	<b>9700</b>						
			(30,190)	(30,190)	(20,230)	(20,230)						
With 3.76-m (12 ft. 4 in.) arm, 957-kg (2,110 lb.) bucket and 800-mm (32 in.) shoes												
7.5 m (25 ft.)									<b>4330</b>	<b>4330</b>		
6.0 m (20 ft.)									<b>5410</b>	<b>5410</b>		
									(11,880)	(11,880)		
4.5 m (15 ft.)							<b>6530</b>	<b>6530</b>	<b>5950</b>	<b>5300</b>	<b>4420</b>	<b>3770</b>
							(14,150)	(14,150)	(12,970)	(11,380)	(8,520)	(8,070)
3.0 m (10 ft.)					<b>10 590</b>	<b>10 590</b>	<b>8000</b>	<b>7340</b>	<b>6730</b>	<b>5080</b>	<b>5700</b>	<b>3670</b>
					(22,740)	(22,740)	(17,300)	(15,810)	(14,630)	(10,910)	(11,530)	(7,860)
1.5 m (5 ft.)			<b>31,310</b>	<b>31,310</b>	<b>13 980</b>	<b>10 800</b>	<b>9470</b>	<b>8920</b>	<b>7560</b>	<b>4850</b>	<b>6000</b>	<b>3500</b>
					(28,820)	(23,250)	(20,480)	(14,890)	(16,390)	(10,420)	(12,890)	(7,610)
Ground Line			<b>5670</b>	<b>5670</b>	<b>15 000</b>	<b>10 290</b>	<b>10 570</b>	<b>8600</b>	<b>7910</b>	<b>4660</b>	<b>5900</b>	<b>3450</b>
			(13,000)	(13,000)	(32,430)	(22,130)	(22,870)	(14,210)	(17,010)	(10,020)	(12,670)	(7,410)
-1.5 m (-5 ft.)	<b>5650</b>	<b>5650</b>	<b>9100</b>	<b>9100</b>	<b>15 440</b>	<b>10 090</b>	<b>11 080</b>	<b>6430</b>	<b>7790</b>	<b>4550</b>	<b>5050</b>	<b>3410</b>
	(12,640)	(12,640)	(20,640)	(20,640)	(33,440)	(21,690)	(23,980)	(13,840)	(16,750)	(9,790)		
-3.0 m (-10 ft.)	<b>9450</b>	<b>9450</b>	<b>13 660</b>	<b>13 660</b>	<b>14 900</b>	<b>10 100</b>	<b>10 890</b>	<b>6400</b>	<b>7780</b>	<b>4540</b>		
	(21,200)	(21,200)	(31,010)	(31,010)	(32,250)	(21,710)	(23,530)	(13,780)	(16,740)	(9,780)		
-4.5 m (-15 ft.)	<b>14 050</b>	<b>14 050</b>	<b>19 080</b>	<b>19 080</b>	<b>13 270</b>	<b>10 280</b>	<b>9720</b>	<b>6510</b>				
	(31,670)	(31,670)	(41,110)	(41,110)	(28,560)	(22,110)	(20,810)	(14,040)				
-6.0 m (-20 ft.)			<b>13 820</b>	<b>13 820</b>	<b>9700</b>	<b>9700</b>						
			(30,190)	(30,190)	(20,230)	(20,230)						



# HAWK

Reach Beyond, with HAWK.

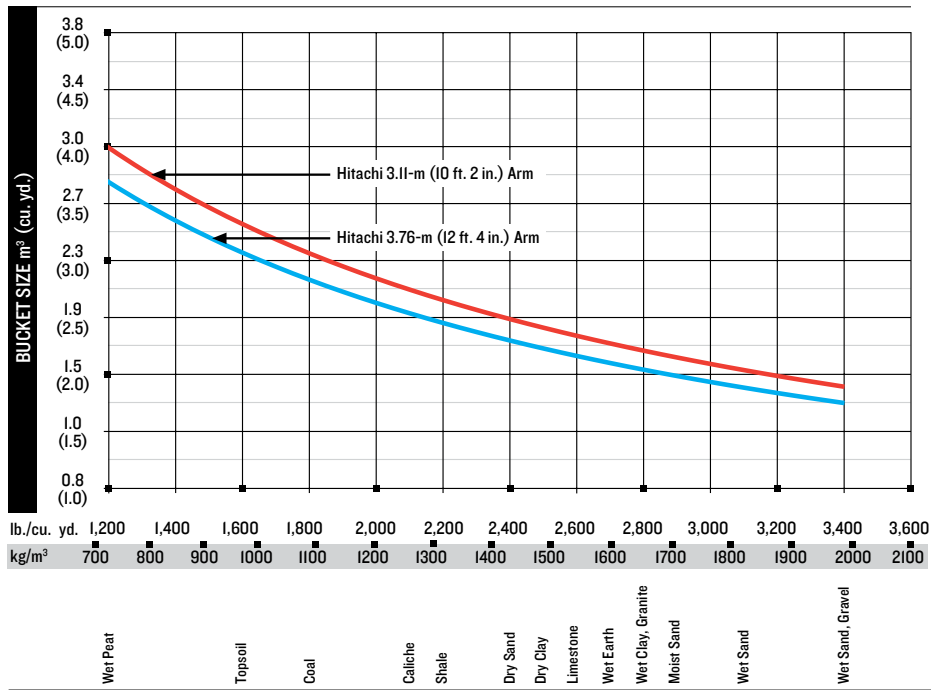
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**Buckets ZX300LC-6**

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 3.11 m (10 ft. 2 in.)		Arm Dig Force 3.76 m (12 ft. 4 in.)		ISO Bucket Tip Radius		Number of Teeth
	mm	in.	m <sup>3</sup>	cu. yd.	kg	lb.	kN	lb.	kN	lb.	kN	lb.	mm	in.	
Heavy Duty	914	36	1.23	0.9	1010	2,226	189.7	42,653	144.1	32,397	125.1	28,126	1661	65.4	4
	1067	42	1.52	1.2	1147	2,530	189.7	42,653	144.1	32,397	125.1	28,126	1661	65.4	5
	1219	48	1.81	1.4	1213	2,675	189.7	42,653	144.1	32,397	125.1	28,126	1661	65.4	5
	1372	54	2.09	1.6	1328	2,928	189.7	42,653	144.1	32,397	125.1	28,126	1661	65.4	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-excitation 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.

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## ADDITIONAL EQUIPMENT

Key: ● Standard ▲ Optional or special kit

250	300	Engine	250	300	Upperstructure	250	300	Operator's Station (continued)
●	●	Auto-idle system	●	●	Right-hand, left-hand, and counterweight mirrors	●	●	Mode selectors (illuminated): Power modes (3) / Travel modes (2 with automatic shift) / Work mode (1)
●	●	Batteries (2 - 12 volt)	●	●	Vandal locks with ignition key: Cab door / Service doors / Toolbox	●	●	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, wiper-mode indicator, work-lights-on indicator, and work-mode indicator
●	●	Coolant recovery tank	●	●	Debris screen	●	●	Auxiliary hydraulic control switches in right console lever
●	●	Dual-element dry-type air filter	●	●	Remote-mounted engine oil and fuel filters	●	●	Motion alarm with cancel switch (conforms to SAE J994)
●	●	Electronic engine control	<b>Front Attachments</b>			●	●	Power-boost switch on right console lever
●	●	Enclosed fan guard (conforms to SAE J1308)	●	●	Centralized lubrication system	●	●	Propel pedals and levers
●	●	Engine coolant to -37 deg. C (-34 deg. F)	●	●	Dirt seals on all bucket pins	●	●	SAE 2-lever control pattern
●	●	Programmable auto shutdown	●	●	Less boom and arm	●	●	Seat belt, 51 mm (2 in.), retractable
●	●	Fuel filter with water separator	●	●	Oil-impregnated bushings	●	●	Tinted glass
●	●	Full-flow oil filter	●	●	Reinforced resin thrust plates	●	●	Transparent tinted overhead hatch
●	●	Turbocharger with charge air cooler	●	●	Tungsten carbide thermal coating on arm-to-bucket joint	●	●	Hot/cold beverage compartment
●	●	High-efficiency, low-noise fan	▲	▲	Arm, 2.50 m (8 ft. 2 in.)	▲	▲	Air-suspension heated seat
●	●	Glow-plug start aid	▲	▲	Arm, 2.96 m (9 ft. 9 in.)	▲	▲	Hydraulic oil filter restriction indicator light
●	●	500-hour engine-oil-change interval	▲	▲	Arm, 3.11 m (10 ft. 2 in.)	▲	▲	Protection screens for cab front, rear, and side
●	●	70% (35 deg.) off-level capability	▲	▲	Arm, 3.61 m (11 ft. 10 in.)	▲	▲	Seat belt, 76 mm (3 in.), non-retractable
▲	▲	Severe-duty fuel filter	▲	▲	Arm, 3.76 m (12 ft. 4 in.)	▲	▲	Window vandal-protection covers
▲	▲	Chrome exhaust stack	▲	▲	Attachment quick-couplers	▲	▲	<b>Electrical</b>
▲	▲	Engine coolant heater	▲	▲	Boom cylinder with plumbing to mainframe less boom and arm	▲	▲	50-amp alternator
<b>Hydraulic System</b>			▲	▲	Buckets: Heavy duty / Heavy-duty high capacity / Side cutters and teeth	▲	▲	Battery disconnect switch
●	●	Reduced-drift valve for boom down, arm in	▲	▲	"D" channel guard	▲	▲	Blade-type multi-fused circuits
●	●	Auxiliary hydraulic valve section	▲	▲	Material clamps	▲	▲	Positive-terminal battery covers
●	●	Spring-applied, hydraulically released automatic swing brake	▲	▲	Super-long fronts	▲	▲	ZXLink™ wireless communication system (available in specific countries; see your dealer for details)
●	●	Auxiliary hydraulic-flow adjustments through monitor	<b>Operator's Station</b>			▲	▲	Rearview camera
●	●	Auto power lift	●	●	Adjustable independent-control positions (levers-to-seat, seat-to-pedals)	▲	▲	Cab extension wiring harness
●	●	5,000-hour hydraulic-oil-change interval	●	●	AM/FM radio	●	●	<b>Lights</b>
▲	▲	Auxiliary hydraulic lines	●	●	Auto climate control/air conditioner/heater/pressurizer	●	●	Work lights: Halogen / 1 mounted on boom / 1 mounted on frame
▲	▲	Auxiliary pilot and electric controls	●	●	Built-in Operator's Manual storage compartment and manual	●	●	2 lights mounted on cab / 1 mounted on right side of boom
▲	▲	Hydraulic filter restriction indicator kit	●	●	Cell-phone power outlet, 12 volt, 60 watt, 5 amp	●	●	
▲	▲	Load-lowering control / Anti-drift device	●	●	Coat hook	●	●	
▲	▲	Single-pedal propel control	●	●	Deluxe suspension cloth seat with 100-mm (4 in.) adjustable armrests	●	●	
▲	▲	Control pattern change valve	●	●	Floor mat	●	●	
<b>Undercarriage</b>			●	●	Front windshield wiper with intermittent speeds	●	●	
●	●	Planetary drive with axial piston motors	●	●	Gauges (illuminated): Diesel Exhaust Fluid (DEF) / Engine coolant / Fuel	●	●	
●	●	Propel motor shields	●	●	Horn, electric	●	●	
●	●	Spring-applied, hydraulically released automatic propel brake	●	●	Hour meter, electric	●	●	
●	●	Track guides, front idler and center	●	●	Hydraulic shutoff lever, all controls	●	●	
●	●	2-speed propel with automatic shift	●	●	Hydraulic warm-up control	●	●	
●	●	Upper carrier rollers (2)	●	●	Interior light	●	●	
●	●	Sealed and lubricated track chain	●	●	Large cup holder	●	●	
▲	▲	Triple semi-grouser shoes, 600 mm (24 in.)	●	●	Machine Information Center (MIC)	●	●	
▲	▲	Triple semi-grouser shoes, 700 mm (28 in.)						
▲	▲	Triple semi-grouser shoes, 800 mm (32 in.)						

See your Hitachi dealer for further information.