

FORESTERS

ZAXIS

# DASH-6

ZX310F-6  
ZX370F-6



HITACHI

[HitachiConstruction.com](http://HitachiConstruction.com)

## DURABILITY BUILT-IN. DOWNTIME TOSSED OUT.

### DASH-6 FORESTERS

Owners and operators are Hitachi To The Core because they get what they expect – and that lets them make good on jobsite promises to customers every day. With improved efficiency, reliability and durability, Hitachi's new Dash-6 Foresters are everything you expect and more.

Available as Forestry Excavators or Log Loaders, the ZX310F-6 and ZX370F-6 are purpose-built with productivity-boosting advantages. You get fuel-efficient Final Tier 4 (FT4)/EU Stage IV Isuzu engines; no diesel particulate filter (DPF) needed. Two newly designed operator stations with additional legroom, new ergonomic controls and more. Accessible maintenance. And tough structures that are built to last. When you choose the ZX310F-6 and ZX370F-6, you get...

**POWERFUL PRODUCTION.**



# PURPOSE-BUILT



ZX310F-6/ZX370F-6

ZAXIS | DASH-6 FORESTERS

# PRODUCTIVITY





# BIG PRODUCTIVITY. BIG PERFORMANCE.

## EFFICIENT WORK

Whether you are log loading, road building, decking, shovel logging or processing/harvesting, Hitachi Dash-6 Foresters deliver impressive performance. With features like a simplified electrical system and a more robust cooling system, the ZX310F-6 and ZX370F-6 get more work done, more efficiently.

Available as Forestry Excavators or Log Loaders, these models also feature productivity modes to adjust the machine to the application. High-productivity delivers more power and faster hydraulic response. Power delivers a balance of power, speed and fuel economy for normal operation. Economy limits top speed and helps save fuel.

With the ZX310F-6 and ZX370F-6, you get...

## POWERFUL WORKHORSES.

- Fuel-efficient EPA Final Tier 4 (FT4)/EU Stage IV Isuzu engine meets rigid emission standards without the need of a diesel particulate filter (DPF).

- Next-size-up engine on the ZX310F-6 delivers improved machine multifunctioning and performance.

- Larger cooling system, reversing cooling fan, improved airflow and a more efficient hydraulic management system keep the machines running cooler.

- New longer track options on the ZX370F-6 increase machine stability and improve machine lifting capacity by as much as 18%.

- New machine control system allows the machines to be factory "tuned" to increase productivity while reducing fluid consumption.

- For processor configurations, reliable Waratah heads come factory-installed on both models for seamless integration. Through-nose plumbing option routes hoses up and out of harm's way to extend hose life.

- Optional 14-light LED Work Light package delivers 40 percent more illumination, and service lighting provides easier machine access in low light conditions.

## COMFORTABLE CABS. PRODUCTIVE OPERATORS.

### REDESIGNED CABS

It's true. A comfortable operator is more productive. And the ZX310F-6 and ZX370F-6 feature two newly designed cabs with 3 in. of additional leg room; the side entry cab is 25% larger. Isolation mounted stations reduce noise and vibration while minimizing fatigue. A new, color LCD monitor provides easy access to performance functions and features. New ergonomic controls provide effortless operation. With all these features and more, you get...

### COMFORTABLE PRODUCTION.



■ Multi-language color LCD monitor provides intuitive access to machine data and functions.



■ Ergonomically correct short-throw pilot levers provide smooth, precise fingertip control with less effort.



■ Newly designed operator stations feature 3 inches of additional leg room. The side entry cab is 25% larger.

# COMFORT

A detailed view of the operator's cab interior. The seat is a dark, textured fabric. In front of the seat is a control panel with two large joysticks, a central console with buttons, and a digital display. The cab is surrounded by metal frame and safety railings. The word 'COMFORT' is overlaid in large, white, bold letters at the top of the image.

■ An optional cab forward riser (not available on the ZX370F-6) for the rear-entry cab enhances right side visibility.

■ Injection-molded polycarbonate windows in all cabs, and strategically placed floor windows in the rear-entry cabs provide excellent visibility to the tracks and work area.

■ A new, standard rear entry log loader cab provides easy access up the right side and across the back deck.

■ Three cab convenience packages and three seat options allow machines to be configured to suit the operator and the application.



■ Cast counterweights minimize tail swing increase. Large, integrated fuel tanks keep the machines running longer between fill-ups.

■ A completely revamped electrical system with 35% fewer components increases system reliability.

■ Hardened steel bushings are added to the mainframe at the main boom joint, and to the boom at the stick joint for increased durability.



# BUILT TO OUTLAST TOUGH ENVIRONMENTS.

## RUGGED STRENGTH

The ZX310F-6 and ZX370F-6 are made to perform in the most demanding environments. Tough upperstructures, mainframes and heavy-duty undercarriages are built to last. Added hardened steel bushings provide more durability. New track options offer increased stability. Plus, machines stay running longer with simplified and accessible servicing. Add it all up, and you get lower operating costs with...

## MORE UPTIME.



■ Undercarriage and mainframe are built to last longer than ever before.



■ Side by side engine, hydraulic and charge air coolers allow easier access for cleaning.



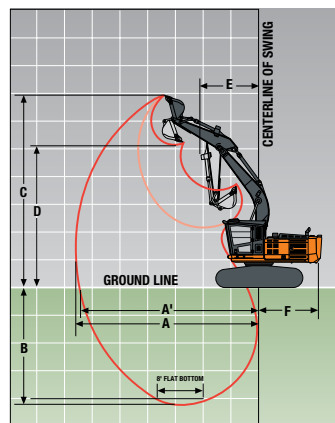
■ Tilt-down door on both models provides accessible, easy servicing.

<b>Engine</b>	<b>ZX310F-6 Road Builder</b>
Manufacturer and Model	Isuzu 6HK1
Non-Road Emission Standards	EPA Final Tier 4 / EU Stage IV
Net Rated Power (ISO 9249)	186 kW (249 hp) at 1,900 rpm
Cylinders	6
Engine Displacement	7.8 L (475 cu. in.)
Off-Level Capacity	70% (35 deg.)
Aspiration	Turbocharged, air-to-air charge-air cooler
Oil Filter, Remote Mounted	Full-flow spin-on filter
<b>Cooling</b>	
Fan Drive	High efficiency direct-driven, suction-type fan and cool-on-demand hydraulic-driven, suction-type fan with remote-mounted drive for hydraulic oil cooler
<b>Powertrain</b>	
2-speed propel with automatic shift	
<b>Maximum Travel Speed</b>	
Low	2.7 km/h (1.7 mph)
High	4.2 km/h (2.6 mph)
Drawbar Pull	30 350 kgf (66,910 lbf)
<b>Hydraulics</b>	
Open center, pilot operated	
<b>Main Pumps</b>	2 variable-displacement pumps
Maximum Rated Flow x 2	248 L/m (65.5 gpm)
<b>System Operating Pressure</b>	
Implement Circuits	34 300 kPa (4,975 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>Electrical</b>	
System Voltage	24 volt
Alternator Rating FT4	130 amp
<b>Lights</b>	
Standard	
Work	5 halogen: 3 cab front and 2 right-hand front log deflector
Optional	
Work	14 LEDs
Service	5 LEDs (compartment and engine hood)
Access	1 LED (rear right cab)
<b>Undercarriage</b>	
<b>Rollers (per side)</b>	
Carrier	2
Track	9
Shoes Double Grousers (per side)	48
Undercarriage Pitch	216 mm (8.5 in.)

# ZX310F-6

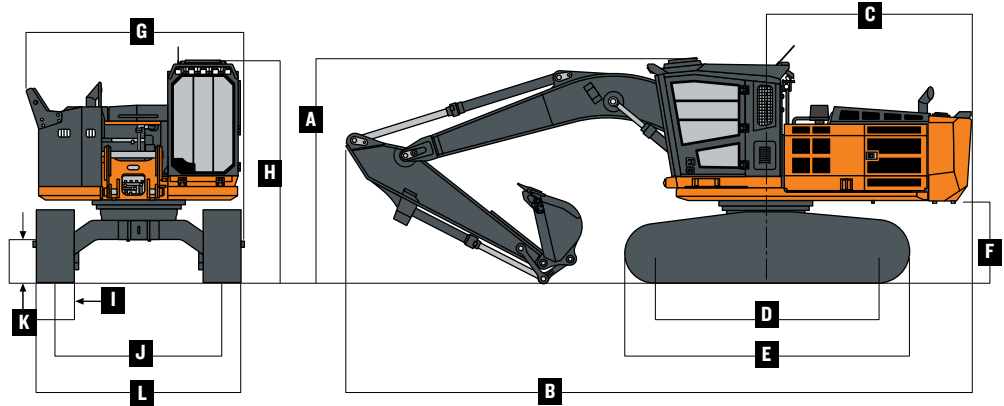
Ground Pressure		ZX310F-6 Road Builder
700-mm (28 in.) Double Grouser Shoes		
2.69-m (8 ft. 10 in.) undercarriage		65.6 kPa (9.5 psi)
2.92-m (9 ft. 7 in.) undercarriage		65.8 kPa (9.5 psi)
Swing Mechanism		
Swing Speed		8.7 rpm
Swing Torque		120 000 Nm (88,507 lb.-ft.)
Operator's Station		
Operator Height from Ground (eye level)		
Side-Entry Forestry Cab		3125 mm (10 ft. 3 in.)
Rear-Entry Log Loader Cab		4471 mm (14 ft. 8 in.)
Serviceability		
Refill Capacities		
Fuel Tank		1080 L (285 gal.)
Cooling System		45 L (12 gal.)
Diesel Exhaust Fluid (DEF) Tank (FT4)		70 L (18 gal.)
Engine Crankcase (including filter)		48 L (13 gal.)
Hydraulic Tank Oil		195 L (52 gal.)
Operating Weights		
With full fuel tank, 79-kg (175 lb.) operator, 177.8-mm (7 in.) riser and side-entry forestry cab, 5538-kg (12,206 lb.) counterweight, and 700-mm (28 in.) double grouser shoes, FT4 engine and 2.69-m (8 ft. 10 in.) undercarriage. No attachment included.		
SAE Operating Weight		36 570 kg (80,622 lb.)
Optional Components (add weight)		
Rear-Entry Cab (60-in. riser)		671 kg (1,480 lb.)
Cab Forward (60-in. riser)		739 kg (1,630 lb.)
Heavy Counterweight		1020 kg (2,249 lb.)
2.92-m (9 ft. 7 in.) undercarriage		678 kg (1,494 lb.)
Operating Dimensions		
With 700-mm (28 in.) shoes; 5538-kg (12,206 lb.) counterweight; 3.1-m (10 ft. 2 in.) arm; 1034-kg (2,279 lb.), 1.34-m <sup>3</sup> (1.75 yd <sup>3</sup> ), 1065-mm (42 in.) bucket; full fuel tank; 79-kg (175 lb.) operator and standard equipment		
<b>A</b> Maximum Reach		10.80 m (35 ft. 5 in.)
<b>A'</b> Maximum Reach at Ground Level		10.54 m (34 ft. 7 in.)
<b>B</b> Maximum Working Depth		5.99 m (19 ft. 8 in.)
<b>C</b> Maximum Working Height		11.86 m (38 ft. 11 in.)
<b>D</b> Maximum Log-Level Height*		8.79 m (28 ft. 10 in.)
<b>E</b> Minimum Swing Radius		2.69 m (8 ft. 10 in.)
<b>F</b> Tail Swing Radius		3.68 m (12 ft. 1 in.)
*Attachment dependent.		

ZX310F-6 Road Builder



Machine Dimensions	ZX310F-6 Road Builder	
<b>Undercarriage</b>	<b>2.69 m (8 ft. 10 in.)</b>	<b>2.92 m (9 ft. 7 in.)</b>
<b>A</b> Height (side-entry cab)	3.86 m (12 ft. 8 in.)	3.86 m (12 ft. 8 in.)
<b>A</b> Height (rear-entry cab)	3.72 m (12 ft. 2 in.)	3.72 m (12 ft. 2 in.)
<b>B</b> Overall Length	11.15 m (36 ft. 7 in.)	11.15 m (36 ft. 7 in.)
<b>C</b> Rear-End Length / Swing Radius	3.61 m (11 ft. 10 in.)	3.61 m (11 ft. 10 in.)
<b>D</b> Distance Between Idler / Sprocket Centerline	4.06 m (13 ft. 4 in.)	4.06 m (13 ft. 4 in.)
<b>E</b> Undercarriage Length	5 m (16 ft. 5 in.)	5 m (16 ft. 5 in.)
<b>F</b> Counterweight Clearance	1.47 m (4 ft. 10 in.)	1.47 m (4 ft. 10 in.)
<b>G</b> Upperstructure Width	3.48 m (11 ft. 5 in.)	3.48 m (11 ft. 5 in.)
<b>H</b> Cab Height (side-entry cab)	3.86 m (12 ft. 8 in.)	3.86 m (12 ft. 8 in.)
<b>H</b> Cab Height (rear-entry cab)	5.21 m (17 ft. 1 in.)	5.21 m (17 ft. 1 in.)
<b>H'</b> Tilted Cab Height (rear-entry cab)	3.71 m (12 ft. 2 in.)	3.71 m (12 ft. 2 in.)
<b>I</b> Track Shoe Width		
660-mm (26 in.) Double-Grouser Shoes	0.66 m (26 in.)	0.66 m (26 in.)
700-mm (28 in.) Double-Grouser Shoes	0.71 m (28 in.)	0.71 m (28 in.)
800-mm (32 in.) Double-Grouser Shoes	0.81 m (32 in.)	0.81 m (32 in.)
<b>J</b> Center of Sprocket to Center of Sprocket	2.69 m (8 ft. 10 in.)	2.92 m (9 ft. 7 in.)
<b>K</b> Ground Clearance	0.76 m (30 in.)	0.79 m (31 in.)
<b>L</b> Undercarriage Width w/700 mm shoe	3.40 m (11 ft. 2 in.)	3.63 m (11 ft. 11 in.)

ZX310F-6 Road Builder – Low Cab



# ZX310F-6

## Lift Capacities ZX310F-6 Road Builder

**Boldface type** indicates hydraulic-limited capacities with power boost; **lightface type** indicates stability-limited capacities, in kg (lb.). Figures do not exceed 87 percent of hydraulic capacities or 75 percent of weight needed to tip machine. Attachment weight is not included when calculating the lift capacities.

Load Point Height	3.1 m (10 ft.)		4.6 m (15 ft.)		6.1 m (20 ft.)		7.6 m (25 ft.)		9.1 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
With 2.69-m (8 ft. 10 in.) undercarriage and 700-mm (28 in.) shoes; bare pin										
7.6 m (25 ft.)					<b>6930</b>	<b>6930</b>				
					(15,260)	(15,260)				
6.1 m (20 ft.)			<b>8280</b>	<b>8280</b>	<b>7350</b>	<b>7350</b>	<b>6850</b>	<b>6850</b>		
			(18,250)	(18,250)	(16,200)	(16,200)	(15,090)	(15,090)		
4.6 m (15 ft.)	<b>15 500</b>	<b>15 500</b>	<b>10 320</b>	<b>10 320</b>	<b>8280</b>	<b>8280</b>	<b>7230</b>	<b>7230</b>		
	(34,150)	(34,150)	(22,740)	(22,740)	(18,240)	(18,240)	(15,940)	(15,940)		
3.1 m (10 ft.)			<b>12 760</b>	<b>12 760</b>	<b>9410</b>	<b>9410</b>	<b>7780</b>	<b>7780</b>	<b>6860</b>	<b>5980</b>
			(28,110)	(28,110)	(20,740)	(20,740)	(17,140)	(17,140)	(15,120)	(13,190)
1.5 m (5 ft.)			<b>14 410</b>	<b>14 410</b>	<b>10 360</b>	<b>10 260</b>	<b>8270</b>	<b>7560</b>	<b>6990</b>	<b>5890</b>
			(31,760)	(31,760)	(22,830)	(22,600)	(18,230)	(16,670)	(15,410)	(12,980)
Ground Line	<b>21 140</b>	<b>21 140</b>	<b>14 790</b>	<b>14 790</b>	<b>10 810</b>	<b>10 000</b>	<b>8510</b>	<b>7410</b>		
	(46,600)	(46,600)	(32,600)	(32,600)	(23,830)	(22,040)	(18,750)	(16,340)		
-1.5 m (-5 ft.)	<b>19 670</b>	<b>19 670</b>	<b>14 180</b>	<b>14 180</b>	<b>10 620</b>	<b>9910</b>	<b>8260</b>	<b>7370</b>		
	(43,360)	(43,360)	(31,260)	(31,260)	(23,410)	(21,850)	(18,210)	(16,240)		
-3.1 m (-10 ft.)	<b>16 960</b>	<b>16 960</b>	<b>12 610</b>	<b>12 610</b>	<b>9570</b>	<b>9570</b>				
	(37,370)	(37,370)	(27,800)	(27,800)	(21,090)	(21,090)				

## Lift Capacities ZX310F-6 Road Builder

Load Point Height	3.1 m (10 ft.)		4.6 m (15 ft.)		6.1 m (20 ft.)		7.6 m (25 ft.)		9.1 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
With 2.92-m (9 ft. 7 in.) undercarriage and 700-mm (28 in.) shoes; bare pin										
7.6 m (25 ft.)					<b>6930</b>	<b>6930</b>				
					(15,260)	(15,260)				
6.1 m (20 ft.)			<b>8280</b>	<b>8280</b>	<b>7350</b>	<b>7350</b>	<b>6850</b>	<b>6850</b>		
			(18,250)	(18,250)	(16,200)	(16,200)	(15,090)	(15,090)		
4.6 m (15 ft.)	<b>15 500</b>	<b>15 500</b>	<b>10 320</b>	<b>10 320</b>	<b>8280</b>	<b>8280</b>	<b>7230</b>	<b>7230</b>		
	(34,150)	(34,150)	(22,740)	(22,740)	(18,240)	(18,240)	(15,940)	(15,940)		
3.1 m (10 ft.)			<b>12 760</b>	<b>12 760</b>	<b>9410</b>	<b>9410</b>	<b>7780</b>	<b>7780</b>	<b>6860</b>	<b>6510</b>
			(28,110)	(28,110)	(20,740)	(20,740)	(17,140)	(17,140)	(15,120)	(14,350)
1.5 m (5 ft.)			<b>14 410</b>	<b>14 410</b>	<b>10 360</b>	<b>10 360</b>	<b>8270</b>	<b>8250</b>	<b>6990</b>	<b>6420</b>
			(31,760)	(31,760)	(22,830)	(22,830)	(18,230)	(18,190)	(15,410)	(14,140)
Ground Line	<b>21 140</b>	<b>21 140</b>	<b>14 790</b>	<b>14 790</b>	<b>10 810</b>	<b>10 810</b>	<b>8510</b>	<b>8100</b>		
	(46,600)	(46,600)	(32,600)	(32,600)	(23,830)	(23,830)	(18,750)	(17,850)		
-1.5 m (-5 ft.)	<b>19 670</b>	<b>19 670</b>	<b>14 180</b>	<b>14 180</b>	<b>10 620</b>	<b>10 620</b>	<b>8260</b>	<b>8050</b>		
	(43,360)	(43,360)	(31,260)	(31,260)	(23,410)	(23,410)	(18,210)	(17,750)		
-3.1 m (-10 ft.)	<b>16 960</b>	<b>16 960</b>	<b>12 610</b>	<b>12 610</b>	<b>9570</b>	<b>9570</b>				
	(37,370)	(37,370)	(27,800)	(27,800)	(21,090)	(21,090)				

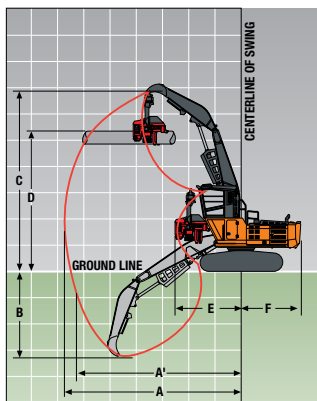
<b>Engine</b>	<b>ZX310F-6 Processor / Valve-in-Head (VIH) Log Loader / Live-Heel Log Loader</b>
Manufacturer and Model	Isuzu 6HK1
Non-Road Emission Standards	EPA Final Tier 4 / EU Stage IV
Net Rated Power (ISO 9249)	186 kW (249 hp) at 1,900 rpm
Cylinders	6
Engine Displacement	7.8 L (475 cu. in.)
Off-Level Capacity	70% (35 deg.)
Aspiration	Turbocharged, air-to-air charge-air cooler
Oil Filter, Remote Mounted	Full-flow spin-on filter
<b>Cooling</b>	
Fan Drive	High efficiency direct-driven, suction-type fan and cool-on-demand hydraulic-driven, suction-type fan with remote-mounted drive for hydraulic oil cooler
<b>Powertrain</b>	
2-speed propel with automatic shift	
<b>Maximum Travel Speed</b>	
Low	2.7 km/h (1.7 mph)
High	4.2 km/h (2.6 mph)
Drawbar Pull	30 350 kgf (66,910 lbf)
<b>Hydraulics</b>	
Open center, pilot operated	
<b>Main Pumps</b>	2 variable-displacement pumps
Maximum Rated Flow x 2	248 L/m (65.5 gpm)
<b>System Operating Pressure</b>	
Implement Circuits	34 300 kPa (4,975 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>Electrical</b>	
System Voltage	24 volt
Alternator Rating FT4	130 amp
<b>Lights</b>	
Standard	
Work	5 halogen: 3 cab front and 2 right-hand front log deflector
Optional	
Work	14 LEDs
Service	5 LEDs (compartment and engine hood)
Access	1 LED (rear right cab)
<b>Undercarriage</b>	
<b>Rollers (per side)</b>	
Carrier	2
Track	9
Shoes Double Grousers (per side)	48
Undercarriage Pitch	216 mm (8.5 in.)

# ZX310F-6

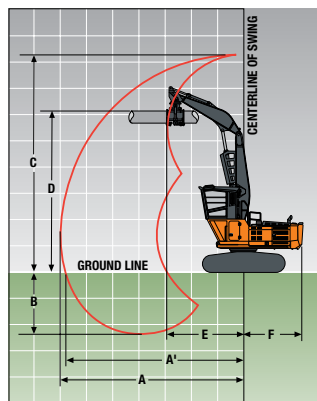
Ground Pressure	ZX310F-6 Processor	ZX310F-6 Valve-in-Head (VIH) Log Loader	ZX310F-6 Live-Heel Log Loader
700-mm (28 in.) Double Grouser Shoes			
2.69-m (8 ft. 10 in.) undercarriage	74.7 kPa (10.8 psi)	72.2 kPa (10.5 psi)	72 kPa (10.5 psi)
2.92-m (9 ft. 7 in.) undercarriage	74.9 kPa (10.9 psi)	72.4 kPa (10.5 psi)	72.2 kPa (10.5 psi)
Swing Mechanism	ZX310F-6 Processor / Valve-in-Head (VIH) Log Loader / Live-Heel Log Loader		
Swing Speed	8.7 rpm		
Swing Torque	120 000 Nm (88,507 lb.-ft.)		
Operator's Station			
<b>Operator Height from Ground (eye level)</b>			
Side-Entry Forestry Cab	3125 mm (10 ft. 3 in.)		
Rear-Entry Log Loader Cab	4471 mm (14 ft. 8 in.)		
Serviceability			
<b>Refill Capacities</b>			
Fuel Tank	1080 L (285 gal.)		
Cooling System	45 L (12 gal.)		
Diesel Exhaust Fluid (DEF) Tank (FT4)	70 L (18 gal.)		
Engine Crankcase (including filter)	48 L (13 gal.)		
Hydraulic Tank Oil	195 L (52 gal.)		
Operating Weights	ZX310F-6 Processor	ZX310F-6 Valve-in-Head (VIH) Log Loader	ZX310F-6 Live-Heel Log Loader
With full fuel tank, 79-kg (175 lb.) operator, 1.5-m (60 in.) riser and rear-entry forestry cab, 6558-kg (14,454 lb.) counterweight, 700-mm (28 in.) double grouser shoes, FT4 engine and 2.92-m (9 ft. 7 in.) undercarriage. No attachment included.			
SAE Operating Weight	41 975 kg (92,538 lb.)	41 748 kg (92,039 lb.)	42 825 kg (94,413 lb.)
<b>Optional Components (add weight)</b>			
Rear-Entry Cab Forward (60-in. riser)	68 kg (150 lb.)	68 kg (150 lb.)	68 kg (150 lb.)
Side-Entry (7-in. riser)	-671 kg (-1,480 lb.)	-671 kg (-1,480 lb.)	-671 kg (-1,480 lb.)
Operating Dimensions			
With 700-mm (28 in.) shoes, 6558-kg (14,454 lb.) counterweight, full fuel tank, 79-kg (175 lb.) operator and standard equipment			
	<b>4.56-m (14 ft. 11 in.)</b>	<b>4.56-m (14 ft. 11 in.)</b>	<b>4.56-m (14 ft. 11 in.)</b>
	<b>Processor Arm</b>	<b>VIH Log Loader Arm</b>	<b>Live-Heel Log Loader Arm</b>
<b>A</b> Maximum Reach	11.07 m (36 ft. 4 in.)	11.13 m (36 ft. 6 in.)	12.55 m (41 ft. 2 in.)
<b>A'</b> Maximum Reach at Ground Level	10.82 m (35 ft. 6 in.)	10.90 m (35 ft. 9 in.)	12.34 m (40 ft. 6 in.)
<b>B</b> Maximum Working Depth	3.05 m (10 ft.)	3.02 m (9 ft. 11 in.)	4.45 m (14 ft. 7 in.)
<b>C</b> Maximum Working Height	13 m (42 ft. 8 in.)	13.13 m (43 ft. 1 in.)	14.53 m (47 ft. 8 in.)
<b>D</b> Maximum Log-Level Height*	10.06 m (33 ft.)	8.97 m (29 ft. 5 in.)	9.25 m (30 ft. 4 in.)
<b>D'</b> Maximum Log-Level Height*			10.19 m (33 ft. 5 in.)
<b>E</b> Minimum Swing Radius	4.57 m (15 ft.)	5.03 m (16 ft. 6 in.)	4.57 m (15 ft.)
<b>F</b> Tail Swing Radius	3.71 m (12 ft. 2 in.)	3.71 m (12 ft. 2 in.)	3.71 m (12 ft. 2 in.)

\*Attachment dependent.

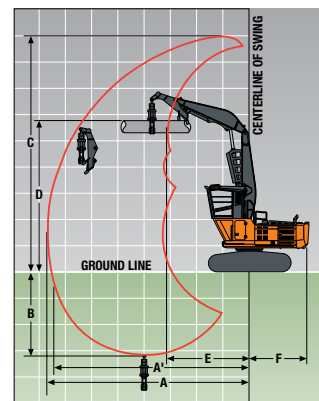
ZX310F-6 Processor



ZX310F-6 VIH Log Loader

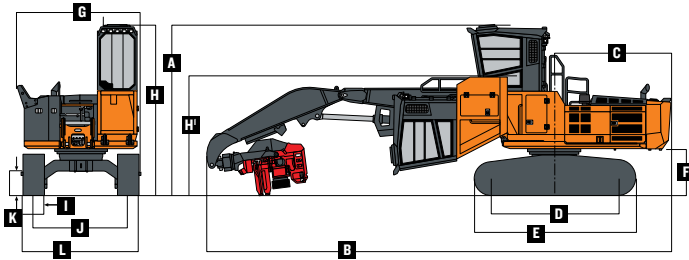


ZX310F-6 Live-Heel Log Loader

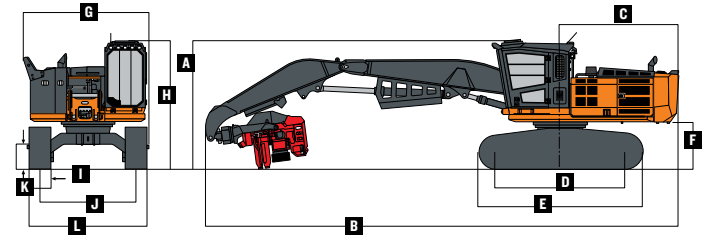


Machine Dimensions	ZX310F-6 Processor	ZX310F-6 Valve-in-Head (VIH) Log Loader	ZX310F-6 Live-Heel Log Loader
<b>Undercarriage</b>	<b>2.92-m (9 ft. 7 in.)</b>	<b>2.92 m (9 ft. 7 in.)</b>	<b>2.92 m (9 ft. 7 in.)</b>
<b>A</b> Height (side-entry cab)	3.86 m (12 ft. 8 in.)	3.86 m (12 ft. 8 in.)	3.86 m (12 ft. 8 in.)
<b>A</b> Height (rear-entry cab)	3.73 m (12 ft. 3 in.)	3.71 m (12 ft. 2 in.)	3.71 m (12 ft. 2 in.)
<b>B</b> Overall Length	14.81 m (48 ft. 7 in.)	15.39 m (50 ft. 6 in.)	15.52 m (50 ft. 11 in.)
<b>C</b> Rear-End Length / Swing Radius	3.63 m (11 ft. 11 in.)	3.63 m (11 ft. 11 in.)	3.63 m (11 ft. 11 in.)
<b>D</b> Distance Between Idler/Sprocket Centerline	4.06 m (13 ft. 4 in.)	4.06 m (13 ft. 4 in.)	4.06 m (13 ft. 4 in.)
<b>E</b> Undercarriage Length	5.00 m (16 ft. 5 in.)	5.00 m (16 ft. 5 in.)	5.00 m (16 ft. 5 in.)
<b>F</b> Counterweight Clearance	1.5 m (4 ft. 11 in.)	1.50 m (4 ft. 11 in.)	1.50 m (4 ft. 11 in.)
<b>G</b> Upperstructure Width	3.48 m (11 ft. 5 in.)	3.48 m (11 ft. 5 in.)	3.48 m (11 ft. 5 in.)
<b>H</b> Cab Height (side-entry cab)	3.86 m (12 ft. 8 in.)	3.86 m (12 ft. 8 in.)	3.86 m (12 ft. 8 in.)
<b>H</b> Cab Height (rear-entry cab)	5.21 m (17 ft. 1 in.)	5.21 m (17 ft. 1 in.)	5.21 m (17 ft. 1 in.)
<b>H'</b> Tilted Cab Height (rear-entry cab)	3.71 m (12 ft. 2 in.)	3.71 m (12 ft. 2 in.)	3.71 m (12 ft. 2 in.)
<b>I</b> Track Shoe Width	0.71 m (28 in.)	0.71 m (28 in.)	0.71 m (28 in.)
<b>J</b> Center of Sprocket to Center of Sprocket	w/ 700-mm track shoe	w/ 700-mm track shoe	w/ 700-mm track shoe
<b>K</b> Ground Clearance	2.92 m (9 ft. 7 in.)	2.92 m (9 ft. 7 in.)	2.92 m (9 ft. 7 in.)
<b>L</b> Undercarriage Width	0.79 m (31 in.)	0.79 m (31 in.)	0.79 m (31 in.)
	3.63 m (11 ft. 11 in.) w/ 700-mm track shoe	3.63 m (11 ft. 11 in.) w/ 700-mm track shoe	3.63 m (11 ft. 11 in.) w/ 700-mm track shoe

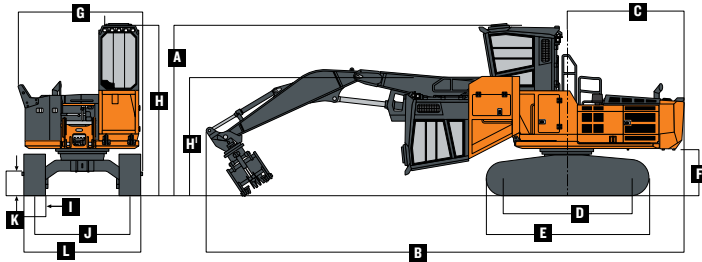
ZX310F-6 Processor – High Cab



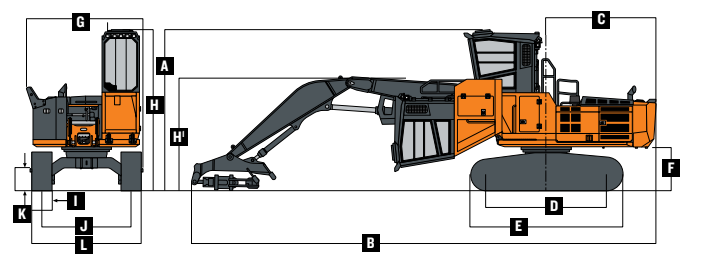
ZX310F-6 Processor – Low Cab



ZX310F-6 VIH Log Loader



ZX310F-6 Live Heel – High Cab





# ZX310F-6

## Lift Capacity ZX310F-6 Processor

**Boldface type** indicates hydraulic-limited capacities with power boost; **lightface type** indicates stability-limited capacities, in kg (lb.). Figures do not exceed 87 percent of hydraulic capacities or 75 percent of weight needed to tip machine. **Attachment weight is not included when calculating the lift capacities.**

Load Point Height	4.6 m (15 ft.)		6.1 m (20 ft.)		7.6 m (25 ft.)		9.1 m (30 ft.)		10.7 m (35 ft.)	
	Over Front	Over Side	Over Front	Over Side	Over Front	Over Side	Over Front	Over Side	Over Front	Over Side
With 2.92-m (9 ft. 7 in.) undercarriage and 700-mm (28 in.) shoes; bare pin										
12.2 m (40 ft.)	<b>12 950</b> (28,550)	<b>12 950</b> (28,550)								
10.7 m (35 ft.)	<b>13 730</b> (30,260)	<b>13 730</b> (30,260)	<b>11 780</b> (25,970)	<b>11 780</b> (25,970)						
9.1 m (30 ft.)			<b>11 180</b> (24,640)	<b>11 180</b> (24,640)	<b>9960</b> (21,950)	<b>9640</b> (21,240)				
7.6 m (25 ft.)			<b>11 210</b> (24,710)	<b>11 210</b> (24,710)	<b>9840</b> (21,700)	<b>9670</b> (21,310)	<b>8750</b> (19,280)	<b>7140</b> (15,730)		
6.1 m (20 ft.)	<b>14 140</b> (31,170)	<b>14 140</b> (31,170)	<b>11 720</b> (25,830)	<b>11 720</b> (25,830)	<b>10 040</b> (22,140)	<b>9530</b> (21,000)	<b>8740</b> (19,260)	<b>7110</b> (15,680)		
4.6 m (15 ft.)	<b>16 000</b> (35,260)	<b>16 000</b> (35,260)	<b>12 570</b> (27,710)	<b>12 570</b> (27,710)	<b>10 410</b> (22,940)	<b>9270</b> (20,440)	<b>8820</b> (19,450)	<b>6990</b> (15,410)	<b>7280</b> (16,040)	<b>5450</b> (12,020)
3.1 m (10 ft.)	<b>18 050</b> (39,770)	<b>18 050</b> (39,770)	<b>13 440</b> (29,620)	<b>12 500</b> (27,550)	<b>10 740</b> (23,680)	<b>8960</b> (19,740)	<b>8850</b> (19,510)	<b>6830</b> (15,040)	<b>7110</b> (15,680)	<b>5400</b> (11,900)
1.5 m (5 ft.)	<b>18 980</b> (41,830)	<b>18 360</b> (40,460)	<b>13 840</b> (30,500)	<b>11 930</b> (26,290)	<b>10 800</b> (23,810)	<b>8650</b> (19,070)	<b>8660</b> (19,090)	<b>6660</b> (14,680)	<b>6630</b> (14,600)	<b>5330</b> (11,750)
Ground Line	<b>17 980</b> (39,630)	<b>17 680</b> (38,970)	<b>13 350</b> (29,430)	<b>11 530</b> (25,410)	<b>10 330</b> (22,770)	<b>8420</b> (18,560)	<b>8050</b> (17,740)	<b>6540</b> (14,410)	<b>5520</b> (12,180)	<b>5300</b> (11,680)
-1.5 m (-5 ft.)	<b>15 240</b> (33,600)	<b>15 240</b> (33,600)	<b>11 770</b> (25,950)	<b>11 340</b> (24,980)	<b>9090</b> (20,030)	<b>8300</b> (18,290)	<b>6740</b> (14,850)	<b>6490</b> (14,300)		
-3.1 m (-10 ft.)			<b>8980</b> (19,800)	<b>8980</b> (19,800)						

## Lift Capacity ZX310F-6 VIH Log Loader

Load Point Height	4.6 m (15 ft.)		6.1 m (20 ft.)		7.6 m (25 ft.)		9.1 m (30 ft.)		10.7 m (35 ft.)	
	Over Front	Over Side	Over Front	Over Side	Over Front	Over Side	Over Front	Over Side	Over Front	Over Side
With 2.92-m (9 ft. 7 in.) undercarriage and 700-mm (28 in.) shoes; bare pin										
12.2 m (40 ft.)	<b>14 950</b> (32,960)	<b>14 950</b> (32,960)								
10.7 m (35 ft.)	<b>13 920</b> (30,680)	<b>13 920</b> (30,680)	<b>11 990</b> (26,430)	<b>11 990</b> (26,430)						
9.1 m (30 ft.)			<b>11 390</b> (25,110)	<b>11 390</b> (25,110)	<b>10 170</b> (22,420)	<b>9780</b> (21,550)				
7.6 m (25 ft.)			<b>11 440</b> (25,210)	<b>11 440</b> (25,210)	<b>10 070</b> (22,190)	<b>9820</b> (21,650)	<b>8970</b> (19,760)	<b>7290</b> (16,080)		
6.1 m (20 ft.)	<b>14 420</b> (31,770)	<b>14 420</b> (31,770)	<b>11 980</b> (26,400)	<b>11 980</b> (26,400)	<b>10 280</b> (22,670)	<b>9700</b> (21,390)	<b>8970</b> (19,770)	<b>7290</b> (16,060)		
4.6 m (15 ft.)	<b>16 320</b> (35,970)	<b>16 320</b> (35,970)	<b>12 850</b> (28,320)	<b>12 850</b> (28,320)	<b>10 660</b> (23,500)	<b>9470</b> (20,870)	<b>9060</b> (19,970)	<b>7180</b> (15,820)	<b>7450</b> (16,430)	<b>5630</b> (12,410)
3.1 m (10 ft.)			<b>13 740</b> (30,280)	<b>12 730</b> (28,070)	<b>11 010</b> (24,270)	<b>9170</b> (20,220)	<b>9100</b> (20,050)	<b>7030</b> (15,490)	<b>7330</b> (16,140)	<b>5590</b> (12,310)
1.5 m (5 ft.)			<b>14 150</b> (31,180)	<b>12 190</b> (26,870)	<b>11 080</b> (24,410)	<b>8890</b> (19,590)	<b>8910</b> (19,640)	<b>6880</b> (15,160)	<b>6830</b> (15,060)	<b>5530</b> (12,190)
Ground Line	<b>18 310</b> (40,360)	<b>18 030</b> (39,740)	<b>13 660</b> (30,100)	<b>11 810</b> (26,030)	<b>10 600</b> (23,370)	<b>8670</b> (19,100)	<b>8290</b> (18,270)	<b>6760</b> (14,900)	<b>5700</b> (12,560)	<b>5500</b> (12,130)
-1.5 m (-5 ft.)	<b>15 540</b> (34,260)	<b>15 540</b> (34,260)	<b>12 060</b> (26,580)	<b>11 630</b> (25,630)	<b>9350</b> (20,600)	<b>8550</b> (18,850)	<b>6960</b> (15,350)	<b>6710</b> (14,800)		

## Lift Capacity ZX310F-6 Live-Heel Log Loader

Load Point Height	4.6 m (15 ft.)		6.1 m (20 ft.)		7.6 m (25 ft.)		9.1 m (30 ft.)		10.7 m (35 ft.)		12.2 m (40 ft.)	
	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 2.92-m (9 ft. 7 in.) undercarriage and 700-mm (28 in.) shoes; bare pin												
12.2 m (40 ft.)	<b>13 500</b> (29,750)	<b>13 500</b> (29,750)	<b>11 560</b> (25,470)	<b>11 560</b> (25,470)								
10.7 m (35 ft.)			<b>10 330</b> (22,770)	<b>10 330</b> (22,770)	<b>9260</b> (20,410)	<b>8810</b> (19,420)	<b>7020</b> (15,480)	<b>6770</b> (14,930)				
9.1 m (30 ft.)			<b>9990</b> (22,010)	<b>9990</b> (22,010)	<b>8870</b> (19,540)	<b>8870</b> (19,540)	<b>7950</b> (17,530)	<b>6500</b> (14,320)				
7.6 m (25 ft.)			<b>10 130</b> (22,320)	<b>10 130</b> (22,320)	<b>8910</b> (19,630)	<b>8910</b> (19,630)	<b>7880</b> (17,370)	<b>6750</b> (14,880)	<b>6930</b> (15,280)	<b>5370</b> (11,830)		
6.1 m (20 ft.)			<b>10 830</b> (23,870)	<b>10 830</b> (23,870)	<b>9260</b> (20,400)	<b>9260</b> (20,400)	<b>8010</b> (17,660)	<b>6760</b> (14,900)	<b>6920</b> (15,250)	<b>5370</b> (11,830)		
4.6 m (15 ft.)			<b>11 010</b> (24,260)	<b>11 010</b> (24,260)	<b>9750</b> (21,490)	<b>9090</b> (20,040)	<b>8220</b> (18,110)	<b>6680</b> (14,730)	<b>6960</b> (15,330)	<b>5290</b> (11,660)	<b>5630</b> (12,410)	<b>4110</b> (9,060)
3.1 m (10 ft.)			<b>12 110</b> (26,680)	<b>12 110</b> (26,680)	<b>10 230</b> (22,540)	<b>8820</b> (19,430)	<b>8380</b> (18,470)	<b>6560</b> (14,460)	<b>6980</b> (15,380)	<b>5190</b> (11,440)	<b>5520</b> (12,160)	<b>4090</b> (9,010)
1.5 m (5 ft.)			<b>13 280</b> (29,260)	<b>12 160</b> (26,790)	<b>10 470</b> (23,080)	<b>8500</b> (18,730)	<b>8420</b> (18,560)	<b>6490</b> (14,300)	<b>6860</b> (15,120)	<b>5070</b> (11,180)	<b>5110</b> (11,270)	<b>4050</b> (8,920)
Ground Line	<b>12 660</b> (27,900)	<b>12 660</b> (27,900)	<b>13 460</b> (29,660)	<b>11 570</b> (25,510)	<b>10 360</b> (22,840)	<b>8310</b> (18,310)	<b>8230</b> (18,130)	<b>6310</b> (13,900)	<b>6470</b> (14,260)	<b>4960</b> (10,930)	<b>4170</b> (9,200)	<b>4020</b> (8,870)
-1.5 m (-5 ft.)	<b>10 190</b> (22,450)	<b>10 190</b> (22,450)	<b>12 740</b> (28,070)	<b>11 140</b> (24,560)	<b>9760</b> (21,520)	<b>8030</b> (17,700)	<b>7580</b> (16,700)	<b>6160</b> (13,570)	<b>5600</b> (12,340)	<b>4890</b> (10,780)		
-3.1 m (-10 ft.)	<b>11 230</b> (24,760)	<b>11 230</b> (24,760)	<b>10 980</b> (24,200)	<b>10 920</b> (24,060)	<b>8390</b> (18,490)	<b>7900</b> (17,410)	<b>6230</b> (13,730)	<b>6090</b> (13,420)				

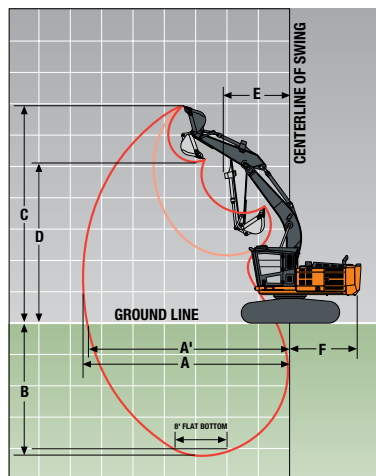
<b>Engine</b>		<b>ZX370F-6 Road Builder</b>
Manufacturer and Model	Isuzu 6HK1	
Non-Road Emission Standards	EPA Final Tier 4 / EU Stage IV	
Net Rated Power (ISO 9249)	202 kW (271 hp) at 1,900 rpm	
Cylinders	6	
Engine Displacement	7.8 L (475 cu. in.)	
Off-Level Capacity	70% (35 deg.)	
Aspiration	Turbocharged, air-to-air charge-air cooler	
Oil Filter, Remote Mounted	Full-flow spin-on filter	
<b>Cooling</b>		
Fan Drive	High efficiency direct-driven, suction-type fan and cool-on-demand hydraulic-driven, suction-type fan with remote-mounted drive for hydraulic oil cooler	
<b>Powertrain</b>		
2-speed propel with automatic shift		
<b>Maximum Travel Speed</b>		
Low	3.1 km/h (1.9 mph)	
High	4.5 km/h (2.8 mph)	
Drawbar Pull	36 102 kgf (79,590 lbf)	
<b>Hydraulics</b>		
Open center, pilot operated		
<b>Main Pumps</b>	2 variable-displacement pumps	
Maximum Rated Flow x 2	304 L/m (80.3 gpm)	
<b>System Operating Pressure</b>		
Implement Circuits	34 300 kPa (4,975 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>Electrical</b>		
System Voltage	24 volt	
Alternator Rating FT4	130 amp	
<b>Lights</b>		
Standard		
Work	5 halogen: 3 cab front and 2 right-hand front log deflector	
Optional		
Work	14 LEDs	
Service	5 LEDs (compartment and engine hood)	
Access	1 LED (rear right cab)	
<b>Undercarriage</b>		
<b>Rollers (per side)</b>		
Carrier	2	
Track	8	
Track LC	9	
Shoes Double Grousers (per side)	48	
Shoes Double Grousers (per side) LC	53	
Undercarriage Pitch	216 mm (8 ft. 5 in.)	

# ZX370F-6

Ground Pressure		ZX370F-6 Road Builder
700-mm (28 in.) Double Grouser Shoes		
2.92-m (9 ft. 7 in.) undercarriage		67.6 kPa (9.8 psi)
Swing Mechanism		
Swing Speed		11 rpm
Swing Torque		120 000 Nm (88,507 lb.-ft.)
Operator's Station		
Operator Height from Ground (eye level)		
Side-Entry Forestry Cab		3125 mm (10 ft. 3 in.)
Rear-Entry Log Loader Cab		4471 mm (14 ft. 8 in.)
Serviceability		
Refill Capacities		
Fuel Tank		1080 L (285 gal.)
Cooling System		45 L (12 gal.)
Diesel Exhaust Fluid (DEF) Tank (FT4)		70 L (18 gal.)
Engine Crankcase (including filter)		48 L (13 gal.)
Hydraulic Tank Oil		195 L (52 gal.)
Operating Weights		
With full fuel tank, 79-kg (175 lb.) operator, 177.8-mm (7 in.) riser and side-entry forestry cab, 5538-kg (12,206 lb.) counterweight, and 700-mm (28 in.) double grouser shoes, FT4 engine and 2.92-m (9 ft. 7 in.) undercarriage. No attachment included.		
SAE Operating Weight		42 539 kg (93,782 lb.)
Optional Components (add weight)		
Rear-Entry Cab (60-in. riser)		671 kg (1,480 lb.)
Heavy Counterweight		2 437 kg (5,373 lb.)
LC undercarriage		716 kg (1,578 lb.)
Operating Dimensions		
With 710-mm (28 in.) shoes; 5538-kg (12,206 lb.) counterweight; 3.1-m (10 ft. 2 in.) arm; 1034-kg (2,279 lb.), 1.34-m <sup>3</sup> (1.75 yd <sup>3</sup> ), 1065-mm (42 in.) bucket; full fuel tank; 79-kg (175 lb.) operator and standard equipment		
<b>A</b> Maximum Reach		11.05 m (36 ft. 3 in.)
<b>A'</b> Maximum Reach at Ground Level		10.80 m (35 ft. 5 in.)
<b>B</b> Maximum Working Depth		7.14 m (23 ft. 5 in.)
<b>C</b> Maximum Working Height		10.52 m (34 ft. 6 in.)
<b>D</b> Maximum Log-Level Height*		7.62 m (25 ft.)
<b>E</b> Minimum Swing Radius		4.45 m (14 ft. 7 in.)
<b>F</b> Tail Swing Radius		3.68 m (12 ft. 1 in.)

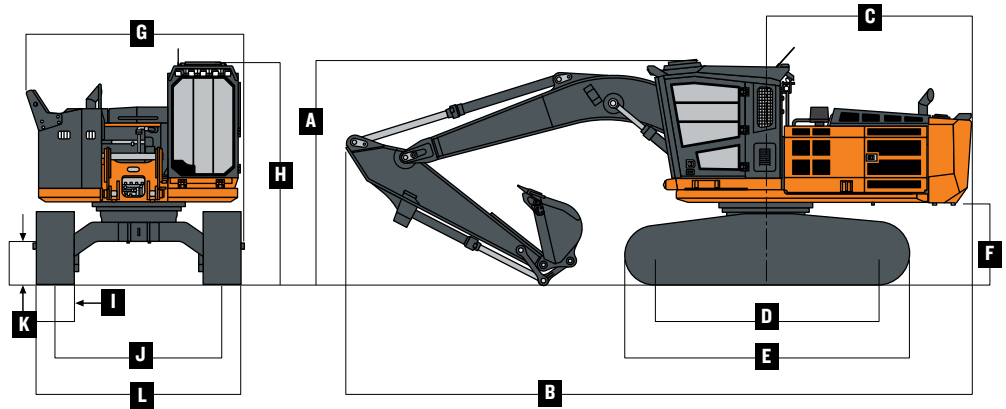
\*Attachment dependent.

ZX370F-6 Road Builder



Machine Dimensions	ZX370F-6 Road Builder
<b>Undercarriage</b>	<b>2.92 m (9 ft. 7 in.)</b>
<b>A</b> Height (side-entry cab)	3.81 m (12 ft. 6 in.)
<b>A</b> Height (rear-entry cab)	3.68 m (12 ft. 1 in.)
<b>B</b> Overall Length	11.15 m (36 ft. 7 in.)
<b>C</b> Rear-End Length / Swing Radius	3.61 m (11 ft. 10 in.)
<b>D</b> Distance Between Idler / Sprocket Centerline	4.04 m (13 ft. 3 in.)
<b>D</b> Distance Between Idler / Sprocket Centerline - LC	4.47 m (14 ft. 8 in.)
<b>E</b> Undercarriage Length	4.95 m (16 ft. 3 in.)
<b>E</b> Undercarriage Length - LC	5.46 m (17 ft. 11 in.)
<b>F</b> Counterweight Clearance	1.45 m (4 ft. 9 in.)
<b>G</b> Upperstructure Width	3.48 m (11 ft. 5 in.)
<b>H</b> Cab Height (side-entry cab)	3.81 m (12 ft. 6 in.)
<b>H</b> Cab Height (rear-entry cab)	5.18 m (17 ft.)
<b>H'</b> Tilted Cab Height (rear-entry cab)	3.68 m (12 ft. 1 in.)
<b>I</b> Track Shoe Width (700 mm)	0.71 m (28 in.)
<b>J</b> Center of Sprocket to Center of Sprocket	2.92 m (9 ft. 7 in.)
<b>K</b> Ground Clearance	0.74 m (29 in.)
<b>L</b> Undercarriage Width w/700-mm shoe	3.63 m (11 ft. 11 in.)

ZX370F-6 Road Builder - Low Cab



# ZX370F-6

## Lift Capacity ZX370F-6 Road Builder

**Boldface type** indicates hydraulic-limited capacities with power boost; **lightface type** indicates stability-limited capacities, in kg (lb.). Figures do not exceed 87 percent of hydraulic capacities or 75 percent of weight needed to tip machine. Attachment weight is not included when calculating the lift capacities.

Load Point Height	3.1 m (10 ft.)		4.6 m (15 ft.)		6.1 m (20 ft.)		7.6 m (25 ft.)		9.1 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
With 2.92-m (9 ft. 7 in.) undercarriage and 700-mm (28 in.) shoes; bare pin										
7.6 m (25 ft.)							<b>8270</b>	<b>8270</b>		
							<b>(18,220)</b>	<b>(18,220)</b>		
6.1 m (20 ft.)							<b>8340</b>	<b>8340</b>		
							<b>(18,380)</b>	<b>(18,380)</b>		
4.6 m (15 ft.)			<b>12 810</b>	<b>12 810</b>	<b>10 210</b>	<b>10 210</b>	<b>8900</b>	<b>8900</b>	<b>8240</b>	6950
			<b>(28,220)</b>	<b>(28,220)</b>	<b>(22,510)</b>	<b>(22,510)</b>	<b>(19,610)</b>	<b>(19,610)</b>	<b>(18,160)</b>	(15,330)
3.1 m (10 ft.)			<b>15 860</b>	<b>15 860</b>	<b>11 670</b>	<b>11 670</b>	<b>9630</b>	8920	<b>8490</b>	6820
			<b>(34,960)</b>	<b>(34,960)</b>	<b>(25,710)</b>	<b>(25,710)</b>	<b>(21,220)</b>	(19,670)	<b>(18,710)</b>	(15,040)
1.5 m (5 ft.)			<b>17 880</b>	17 790	<b>12 870</b>	11 750	<b>10 290</b>	8620	<b>8740</b>	6680
			<b>(39,410)</b>	(39,220)	<b>(28,360)</b>	(25,910)	<b>(22,670)</b>	(19,000)	<b>(19,260)</b>	(14,730)
Ground Line	<b>26 160</b>	<b>26 160</b>	<b>18 380</b>	17 390	<b>13 470</b>	11 420	<b>10 640</b>	8420		
	<b>(57,650)</b>	<b>(57,650)</b>	<b>(40,510)</b>	(38,320)	<b>(29,700)</b>	(25,170)	<b>(23,450)</b>	(18,550)		
-1.5 m (-5 ft.)	<b>24 600</b>	<b>24 600</b>	<b>17 740</b>	17 350	<b>13 330</b>	11 310	<b>10 450</b>	8350		
	<b>(54,210)</b>	<b>(54,210)</b>	<b>(39,100)</b>	(38,240)	<b>(29,380)</b>	(24,930)	<b>(23,040)</b>	(18,410)		
-3.1 m (-10 ft.)	<b>21 620</b>	<b>21 620</b>	<b>16 030</b>	<b>16 030</b>	<b>12 230</b>	11 410	<b>9200</b>	8490		
	<b>(47,640)</b>	<b>(47,640)</b>	<b>(35,330)</b>	<b>(35,330)</b>	<b>(26,960)</b>	(25,150)	<b>(20,280)</b>	(18,700)		
-4.6 m (-15 ft.)	<b>16 620</b>	<b>16 620</b>	<b>12 720</b>	<b>12 720</b>	<b>9320</b>	<b>9320</b>				
	<b>(36,630)</b>	<b>(36,630)</b>	<b>(28,030)</b>	<b>(28,030)</b>	<b>(20,530)</b>	<b>(20,530)</b>				

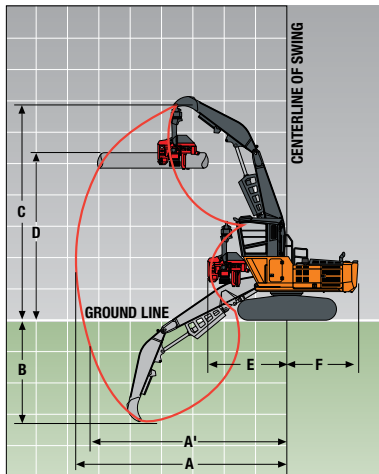
<b>Engine</b>	<b>ZX370F-6 Processor / Valve-in-Head (VIH) Log Loader / Live-Heel Log Loader</b>
Manufacturer and Model	Isuzu 6HK1
Non-Road Emission Standards	EPA Final Tier 4 / EU Stage IV
Net Rated Power (ISO 9249)	202 kW (271 hp) at 1,900 rpm
Cylinders	6
Engine Displacement	7.8 L (475 cu. in.)
Off-Level Capacity	70% (35 deg.)
Aspiration	Turbocharged, air-to-air charge-air cooler
Oil Filter, Remote Mounted	Full-flow spin-on filter
<b>Cooling</b>	
Fan Drive	High efficiency direct-driven, suction-type fan and cool-on-demand hydraulic-driven, suction-type fan with remote-mounted drive for hydraulic oil cooler
<b>Powertrain</b>	
2-speed propel with automatic shift	
<b>Maximum Travel Speed</b>	
Low	3.1 km/h (1.9 mph)
High	4.5 km/h (2.8 mph)
Drawbar Pull	36 102 kgf (79,590 lbf)
<b>Hydraulics</b>	
Open center, pilot operated	
<b>Main Pumps</b>	2 variable-displacement pumps
Maximum Rated Flow x 2	304 L/m (80.3 gpm)
<b>System Operating Pressure</b>	
Implement Circuits	34 300 kPa (4,975 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>Electrical</b>	
System Voltage	24 volt
Alternator Rating FT4	130 amp
<b>Lights</b>	
Standard	
Work	5 halogen: 3 cab front and 2 right-hand front log deflector
Optional	
Work	14 LEDs
Service	5 LEDs (compartment and engine hood)
Access	1 LED (rear right cab)
<b>Undercarriage</b>	
<b>Rollers (per side)</b>	
Carrier	2
Track	9
Shoes Double Grousers (per side)	53
Undercarriage Pitch	216 mm (8.5 in.)

# ZX370F-6

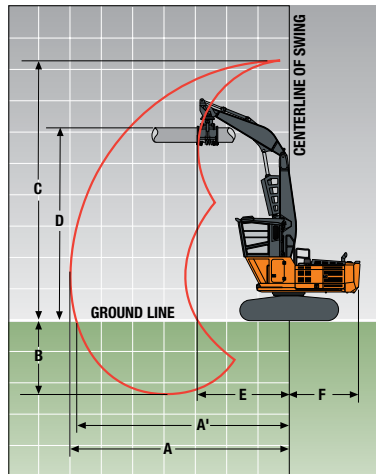
Ground Pressure	ZX370F-6 Processor	ZX370F-6 Valve-in-Head (VIH) Log Loader	ZX370F-6 Live-Heel Log Loader
700-mm (28 in.) Double Grouser Shoes	79.3 kPa (11.5 psi)	75.8 kPa (11 psi)	74.5 kPa (10.8 psi)
Swing Mechanism	ZX370F-6 Processor / Valve-in-Head (VIH) Log Loader / Live-Heel Log Loader		
Swing Speed	11 rpm		
Swing Torque (standard)	120 000 Nm (88,507 lb.-ft.)		
Swing Torque (optional)	148 462 Nm (109,500 lb.-ft.)		
Operator's Station			
Operator Height from Ground (eye level)			
Side-Entry Forestry Cab	3125 mm (10 ft. 3 in.)		
Rear-Entry Log Loader Cab	4471 mm (14 ft. 8 in.)		
Serviceability			
Refill Capacities			
Fuel Tank	1080 L (285 gal.)		
Cooling System	45 L (12 gal.)		
Diesel Exhaust Fluid (DEF) Tank (FT4)	70 L (18 gal.)		
Engine Crankcase (including filter)	48 L (13 gal.)		
Hydraulic Tank Oil	195 L (52 gal.)		
Operating Weights	ZX370F-6 Processor	ZX370F-6 Valve-in-Head (VIH) Log Loader	ZX370F-6 Live-Heel Log Loader
With full fuel tank, 79-kg (175 lb.) operator, 1.5-m (60 in.) riser and rear-entry forestry cab, 7975-kg (17,577 lb.) counterweight, 700-mm (28 in.) double grouser shoes, FT4 engine and 2.92-m (9 ft. 7 in.) LC undercarriage. No attachment included.			
SAE Operating Weight	47 867 kg (105,529 lb.)	47 428 kg (104,561 lb.)	48 248 kg (106,368 lb.)
Optional Components (add weight)			
Side-Entry Forestry Cab (7 in. riser)	-671 kg (-1,480 lb.)	-671 kg (-1,480 lb.)	-671 kg (-1,480 lb.)
Non-LC Undercarriage	-716 kg (-1,578 lb.)	-716 kg (-1,578 lb.)	-716 kg (-1,578 lb.)
Operating Dimensions			
With 700-mm (28 in.) shoes, 6558-kg (14,454 lb.) counterweight, full fuel tank, 79-kg (175 lb.) operator and standard equipment			
	4.56-m (14 ft. 11 in.)	4.56-m (14 ft. 11 in.)	4.56-m (14 ft. 11 in.)
	Processor Arm	VIH Log Loader Arm	Live-Heel Log Loader Arm
<b>A</b> Maximum Reach	11.63 m (38 ft. 2 in.)	11.68 m (38 ft. 4 in.)	13.13 m (43 ft. 1 in.)
<b>A'</b> Maximum Reach at Ground Level	11.40 m (37 ft. 5 in.)	11.46 m (37 ft. 7 in.)	12.90 m (42 ft. 4 in.)
<b>B</b> Maximum Working Depth	3.94 m (12 ft. 11 in.)	3.91 m (12 ft. 10 in.)	5.31 m (17 ft. 5 in.)
<b>C</b> Maximum Working Height	13.59 m (44 ft. 7 in.)	13.72 m (45 ft.)	15.14 m (49 ft. 8 in.)
<b>D</b> Maximum Log-Level Height*	9.93 m (32 ft. 7 in.)	9.53 m (31 ft. 3 in.)	9.30 m (30 ft. 6 in.)
<b>E</b> Minimum Swing Radius	4.90 m (16 ft. 1 in.)	4.75 m (15 ft. 7 in.)	4.78 m (15 ft. 8 in.)
<b>F</b> Tail Swing Radius	3.71 m (12 ft. 2 in.)	3.71 m (12 ft. 2 in.)	3.71 m (12 ft. 2 in.)

\*Attachment dependent.

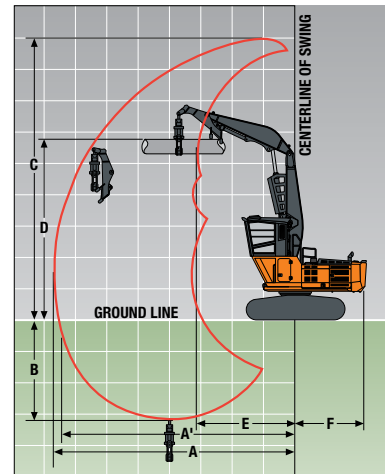
ZX370F-6 Processor



ZX370F-6 VIH Log Loader



ZX370F-6 Live-Heel Log Loader

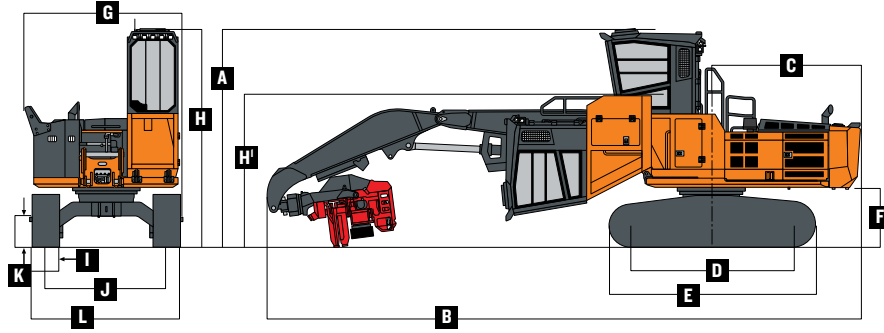


Machine Dimensions	ZX370F-6 Processor	ZX370F-6 Valve-in-Head (VIH) Log Loader	ZX370F-6 Live-Heel Log Loader
<b>Undercarriage</b>	<b>2.92 m (9 ft. 7 in.)</b>	<b>2.92 m (9 ft. 7 in.)</b>	<b>2.92 m (9 ft. 7 in.)</b>
<b>A</b> Height (side-entry cab)	3.81 m (12 ft. 6 in.)	3.81 m (12 ft. 6 in.)	3.81 m (12 ft. 6 in.)
<b>A</b> Height (rear-entry cab)	3.81 m (12 ft. 6 in.)	3.68 m (12 ft. 1 in.)	3.68 m (12 ft. 1 in.)
<b>B</b> Overall Length	15.37 m (50 ft. 5 in.)	15.98 m (52 ft. 5 in.)	16.59 m (54 ft. 5 in.)
<b>C</b> Rear-End Length / Swing Radius	3.63 m (11 ft. 11 in.)	3.63 m (11 ft. 11 in.)	3.63 m (11 ft. 11 in.)
<b>D</b> Distance Between Idler/Sprocket Centerline	4.47 m (14 ft. 8 in.)	4.47 m (14 ft. 8 in.)	4.47 m (14 ft. 8 in.)
<b>E</b> Undercarriage Length	5.46 m (17 ft. 11 in.)	5.46 m (17 ft. 11 in.)	5.46 m (17 ft. 11 in.)
<b>F</b> Counterweight Clearance	1.47 m (4 ft. 10 in.)	1.47 m (4 ft. 10 in.)	1.47 m (4 ft. 10 in.)
<b>G</b> Upperstructure Width	3.48 m (11 ft. 5 in.)	3.48 m (11 ft. 5 in.)	3.48 m (11 ft. 5 in.)
<b>H</b> Cab Height (side-entry cab)	3.81 m (12 ft. 6 in.)	3.81 m (12 ft. 6 in.)	3.81 m (12 ft. 6 in.)
<b>H</b> Cab Height (rear-entry cab)	5.18 m (17 ft.)	5.18 m (17 ft. 0 in.)	5.18 m (17 ft.)
<b>H'</b> Tilted Cab Height (rear-entry cab)	3.68 m (12 ft. 1 in.)	3.68 m (12 ft. 1 in.)	3.68 m (12 ft. 1 in.)
<b>I</b> Track Shoe Width	0.71 m (28 in.)	0.71 m (28 in.)	0.71 m (28 in.)
	w/ 700-mm track shoe	w/ 700-mm track shoe	w/ 700-mm track shoe
<b>J</b> Center of Sprocket to Center of Sprocket	2.92 m (9 ft. 7 in.)	2.92 m (9 ft. 7 in.)	2.92 m (9 ft. 7 in.)
<b>K</b> Ground Clearance	0.74 m (29 in.)	0.74 m (29 in.)	0.74 m (29 in.)
<b>L</b> Undercarriage Width	3.63 m (11 ft. 11 in.)	3.63 m (11 ft. 11 in.)	3.63 m (11 ft. 11 in.)
	w/ 700-mm track shoe	w/ 700-mm track shoe	w/ 700-mm track shoe

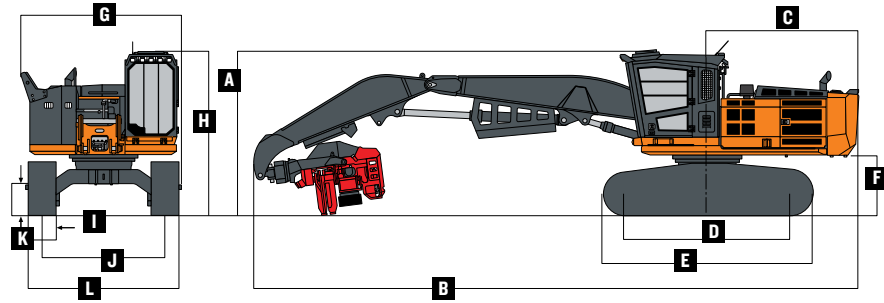


# ZX370F-6

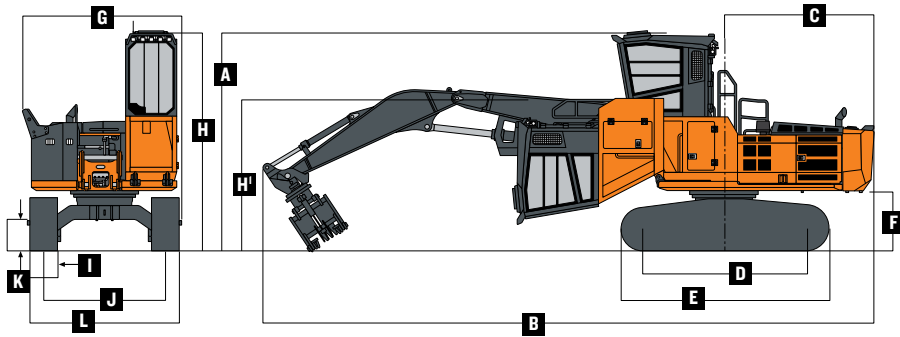
ZX370F-6 Processor – High Cab



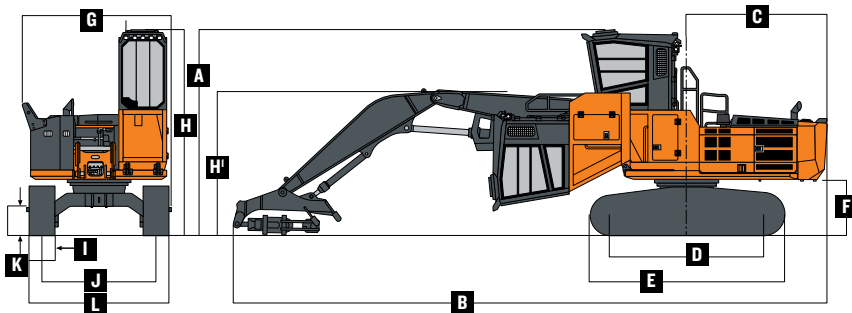
ZX370F-6 Processor – Low Cab



ZX370F-6 VIH Log Loader



ZX370F-6 Live Heel – High Cab



### Lift Capacity ZX370F-6 Processor

**Load Point Height** indicates hydraulic-limited capacities with power boost; **lightface type** indicates stability-limited capacities, in kg (lb.). Figures do not exceed 87 percent of hydraulic capacities or 75 percent of weight needed to tip machine. **Attachment weight is not included when calculating the lift capacities.**

Load Point Height	4.6 m (15 ft.)		6.1 m (20 ft.)		7.6 m (25 ft.)		9.1 m (30 ft.)		10.7 m (35 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
With 2.92-m (9 ft. 7 in.) undercarriage and 700-mm (28 in.) shoes; bare pin										
12.2 m (40 ft.)	17 570 (38,730)	17 570 (38,730)								
10.7 m (35 ft.)			15 490 (34,130)	15 490 (34,130)	12 830 (28,270)	11 110 (24,490)				
9.1 m (30 ft.)			14 980 (33,020)	14 980 (33,020)	13 530 (29,820)	11 350 (25,010)	10 840 (23,900)	8280 (18,260)		
7.6 m (25 ft.)			15 250 (33,600)	15 250 (33,600)	13 570 (29,900)	11 300 (24,910)	10 930 (24,100)	8370 (18,450)		
6.1 m (20 ft.)	17 100 (37,680)	17 100 (37,680)	16 170 (35,640)	15 810 (34,850)	14 000 (30,860)	11 080 (24,430)	10 840 (23,880)	8280 (18,250)	8400 (18,520)	6390 (14,080)
4.6 m (15 ft.)	21 700 (47,820)	21 700 (47,820)	17 560 (38,710)	15 170 (33,430)	14 180 (31,250)	10 730 (23,660)	10 640 (23,450)	8090 (17,840)	8340 (18,380)	6330 (13,950)
3.1 m (10 ft.)	25 330 (55,820)	22 470 (49,520)	18 980 (41,840)	14 390 (31,710)	13 730 (30,260)	10 320 (22,740)	10 400 (22,920)	7870 (17,340)	8230 (18,130)	6220 (13,710)
1.5 m (5 ft.)	26 940 (59,380)	20 980 (46,230)	18 700 (41,220)	13 660 (30,110)	13 300 (29,320)	9920 (21,870)	10 160 (22,400)	7640 (16,840)	8110 (17,870)	6110 (13,470)
Ground Line	25 980 (57,270)	20 120 (44,350)	18 130 (39,970)	13 150 (28,980)	12 970 (28,590)	9620 (21,200)	9980 (21,990)	7470 (16,460)	8030 (17,700)	6040 (13,300)
-1.5 m (-5 ft.)	22 760 (50,170)	19 820 (43,690)	17 600 (38,800)	12 890 (28,410)	12 790 (28,190)	9450 (20,820)	9880 (21,780)	7380 (16,260)	7310 (16,110)	6040 (13,310)
-3.1 m (-10 ft.)	17 720 (39,050)	17 720 (39,050)	14 320 (31,560)	12 860 (28,340)	11 210 (24,720)	9420 (20,770)	8120 (17,900)	7400 (16,320)		

### Lift Capacity ZX370F-6 Processor

Load Point Height	4.6 m (15 ft.)		6.1 m (20 ft.)		7.6 m (25 ft.)		9.1 m (30 ft.)		10.7 m (35 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
With 2.92-m (9 ft. 7 in.) LC undercarriage and 700-mm (28 in.) shoes; bare pin										
12.2 m (40 ft.)	17 570 (38,730)	17 570 (38,730)								
10.7 m (35 ft.)			15 490 (34,130)	15 490 (34,130)	12 830 (28,270)	11 250 (24,800)				
9.1 m (30 ft.)			14 980 (33,020)	14 980 (33,020)	13 530 (29,820)	11 490 (25,320)	11 140 (24,540)	8400 (18,510)		
7.6 m (25 ft.)			15 250 (33,600)	15 250 (33,600)	13 570 (29,900)	11 440 (25,220)	12 220 (26,940)	8480 (18,700)		
6.1 m (20 ft.)	17 100 (37,680)	17 100 (37,680)	16 170 (35,640)	16 000 (35,270)	14 000 (30,860)	11 230 (24,740)	12 340 (27,210)	8390 (18,500)	9580 (21,120)	6480 (14,290)
4.6 m (15 ft.)	21 700 (47,820)	21 700 (47,820)	17 560 (38,710)	15 360 (33,850)	14 670 (32,320)	10 880 (23,970)	12 150 (26,780)	8210 (18,090)	9520 (20,980)	6420 (14,160)
3.1 m (10 ft.)	25 330 (55,820)	22 760 (50,150)	18 980 (41,840)	14 580 (32,130)	15 300 (33,720)	10 460 (23,060)	11 900 (26,230)	7980 (17,590)	9400 (20,730)	6320 (13,920)
1.5 m (5 ft.)	26 940 (59,380)	21 260 (46,870)	19 770 (43,570)	13 850 (30,530)	15 340 (33,810)	10 060 (22,180)	11 660 (25,690)	7760 (17,090)	9290 (20,470)	6210 (13,680)
Ground Line	25 980 (57,270)	20 410 (44,990)	19 390 (42,730)	13 340 (29,400)	15 000 (33,060)	9760 (21,510)	11 470 (25,270)	7580 (16,710)	9200 (20,290)	6130 (13,510)
-1.5 m (-5 ft.)	22 760 (50,170)	20 110 (44,320)	17 600 (38,800)	13 080 (28,830)	13 810 (30,430)	9590 (21,130)	10 740 (23,680)	7490 (16,510)	7310 (16,110)	6130 (13,510)
-3.1 m (-10 ft.)	17 720 (39,050)	17 720 (39,050)	14 320 (31,560)	13 050 (28,760)	11 210 (24,720)	9560 (21,080)	8120 (17,900)	7520 (16,570)		

### Lift Capacity ZX370F-6 VIH Log Loader

Load Point Height	4.6 m (15 ft.)		6.1 m (20 ft.)		7.6 m (25 ft.)		9.1 m (30 ft.)		10.7 m (35 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
With 2.92-m (9 ft. 7 in.) undercarriage and 700-mm (28 in.) shoes; bare pin										
12.2 m (40 ft.)	19 020 (41,930)	19 020 (41,930)	14 360 (31,650)	14 360 (31,650)						
10.7 m (35 ft.)			15 700 (34,610)	15 700 (34,610)	14 210 (31,320)	11 110 (24,490)				
9.1 m (30 ft.)			15 210 (33,530)	15 210 (33,530)	13 750 (30,310)	11 370 (25,050)	11 090 (24,450)	8340 (18,390)		
7.6 m (25 ft.)			15 500 (34,160)	15 500 (34,160)	13 800 (30,420)	11 340 (25,000)	11 200 (24,690)	8450 (18,620)		
6.1 m (20 ft.)	15 540 (34,250)	15 540 (34,250)	16 440 (36,240)	15 800 (34,820)	14 250 (31,420)	11 140 (24,560)	11 120 (24,520)	8370 (18,450)	8660 (19,090)	6490 (14,310)
4.6 m (15 ft.)	18 320 (40,390)	18 320 (40,390)	17 860 (39,360)	15 190 (33,470)	14 520 (32,000)	10 820 (23,840)	10 940 (24,120)	8200 (18,080)	8610 (18,980)	6450 (14,210)
3.1 m (10 ft.)			19 290 (42,510)	14 440 (31,820)	14 090 (31,060)	10 420 (22,970)	10 710 (23,610)	7990 (17,600)	8510 (18,750)	6350 (14,000)
1.5 m (5 ft.)			19 160 (42,230)	13 740 (30,280)	13 680 (30,150)	10 040 (22,130)	10 490 (23,120)	7780 (17,140)	8400 (18,520)	6250 (13,770)
Ground Line	26 280 (57,930)	20 110 (44,320)	18 610 (41,020)	13 240 (29,190)	13 360 (29,450)	9750 (21,480)	10 310 (22,730)	7610 (16,770)	8330 (18,350)	6180 (13,620)
-1.5 m (-5 ft.)	23 020 (50,740)	19 820 (43,680)	17 860 (39,370)	13 000 (28,640)	13 180 (29,060)	9580 (21,120)	10 220 (22,530)	7520 (16,580)	7460 (16,430)	6180 (13,630)
-3.1 m (-10 ft.)	17 940 (39,540)	17 940 (39,540)	14 550 (32,070)	12 970 (28,590)	11 430 (25,200)	9560 (21,080)	8310 (18,310)	7550 (16,640)		

**Lift Capacity ZX370F-6 VIH Log Loader**

Boldface type indicates hydraulic-limited capacities with power boost; lightface type indicates stability-limited capacities, in kg (lb.). Figures do not exceed 87 percent of hydraulic capacities or 75 percent of weight needed to tip machine. Attachment weight is not included when calculating the lift capacities.

Load Point Height	4.6 m (15 ft.)		6.1 m (20 ft.)		7.6 m (25 ft.)		9.1 m (30 ft.)		10.7 m (35 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
With 2.92-m (9 ft. 7 in.) LC undercarriage and 700-mm (28 in.) shoes; bare pin										
12.2 m (40 ft.)	<b>19 020</b> (41,930)	<b>19 020</b> (41,930)	<b>14 360</b> (31,650)	<b>14 360</b> (31,650)						
10.7 m (35 ft.)			<b>15 700</b> (34,610)	<b>15 700</b> (34,610)	<b>14 210</b> (31,320)	<b>11 390</b> (25,100)				
9.1 m (30 ft.)			<b>15 210</b> (33,530)	<b>15 210</b> (33,530)	<b>13 750</b> (30,310)	<b>11 640</b> (25,660)	<b>12 440</b> (27,410)	<b>8550</b> (18,840)		
7.6 m (25 ft.)			<b>15 500</b> (34,160)	<b>15 500</b> (34,160)	<b>13 800</b> (30,420)	<b>11 620</b> (25,610)	<b>12 450</b> (27,440)	<b>8660</b> (19,080)		
6.1 m (20 ft.)	<b>15 540</b> (34,250)	<b>15 540</b> (34,250)	<b>16 440</b> (36,240)	<b>16 200</b> (35,710)	<b>14 250</b> (31,420)	<b>11 420</b> (25,170)	<b>12 540</b> (27,640)	<b>8580</b> (18,910)	<b>9760</b> (21,520)	<b>6660</b> (14,680)
4.6 m (15 ft.)	<b>18 320</b> (40,390)	<b>18 320</b> (40,390)	<b>17 860</b> (39,360)	<b>15 580</b> (34,350)	<b>14 930</b> (32,900)	<b>11 090</b> (24,440)	<b>12 360</b> (27,230)	<b>8410</b> (18,530)	<b>9710</b> (21,410)	<b>6610</b> (14,580)
3.1 m (10 ft.)			<b>19 290</b> (42,510)	<b>14 830</b> (32,690)	<b>15 570</b> (34,320)	<b>10 690</b> (23,560)	<b>12 120</b> (26,710)	<b>8190</b> (18,060)	<b>9610</b> (21,170)	<b>6520</b> (14,360)
1.5 m (5 ft.)			<b>20 070</b> (44,240)	<b>14 130</b> (31,140)	<b>15 600</b> (34,380)	<b>10 310</b> (22,720)	<b>11 890</b> (26,200)	<b>7980</b> (17,590)	<b>9500</b> (20,930)	<b>6410</b> (14,130)
Ground Line	<b>26 280</b> (57,930)	<b>20 770</b> (45,770)	<b>19 670</b> (43,360)	<b>13 360</b> (30,040)	<b>15 270</b> (33,650)	<b>10 010</b> (22,070)	<b>11 710</b> (25,800)	<b>7810</b> (17,220)	<b>9420</b> (20,760)	<b>6340</b> (13,980)
-1.5 m (-5 ft.)	<b>23 020</b> (50,740)	<b>20 470</b> (45,130)	<b>17 860</b> (39,370)	<b>13 380</b> (29,490)	<b>14 050</b> (30,980)	<b>9850</b> (21,710)	<b>10 960</b> (24,160)	<b>7730</b> (17,030)	<b>7460</b> (16,430)	<b>6350</b> (13,990)
-3.1 m (-10 ft.)	<b>17 940</b> (39,540)	<b>17 940</b> (39,540)	<b>14 550</b> (32,070)	<b>13 350</b> (29,430)	<b>11 430</b> (25,200)	<b>9830</b> (21,670)	<b>8310</b> (18,310)	<b>7760</b> (17,090)		

**Lift Capacity ZX370F-6 Live-Heel Log Loader**

Load Point Height	4.6 m (15 ft.)		6.1 m (20 ft.)		7.6 m (25 ft.)		9.1 m (30 ft.)		10.7 m (35 ft.)		12.2 m (40 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 2.92-m (9 ft. 7 in.) undercarriage and 700-mm (28 in.) shoes; bare pin												
12.2 m (40 ft.)			<b>15 250</b> (33,600)	<b>14 760</b> (32,540)	<b>12 400</b> (27,320)	<b>10 630</b> (23,430)						
10.7 m (35 ft.)			<b>14 080</b> (31,040)	<b>14 080</b> (31,040)	<b>12 750</b> (28,100)	<b>10 450</b> (23,040)	<b>10 650</b> (23,480)	<b>7880</b> (17,370)				
9.1 m (30 ft.)			<b>13 750</b> (30,300)	<b>13 750</b> (30,300)	<b>12 420</b> (27,380)	<b>10 770</b> (23,740)	<b>10 450</b> (23,040)	<b>7700</b> (16,960)	<b>8370</b> (18,440)	<b>6180</b> (13,610)		
7.6 m (25 ft.)			<b>14 020</b> (30,910)	<b>14 020</b> (30,910)	<b>12 660</b> (27,900)	<b>10 800</b> (23,810)	<b>10 630</b> (23,430)	<b>7860</b> (17,320)	<b>7960</b> (17,540)	<b>5780</b> (12,750)		
6.1 m (20 ft.)			<b>14 150</b> (31,190)	<b>14 150</b> (31,190)	<b>13 250</b> (29,200)	<b>10 670</b> (23,510)	<b>10 600</b> (23,360)	<b>7830</b> (17,250)	<b>8080</b> (17,810)	<b>5900</b> (13,010)	<b>6630</b> (14,610)	<b>4830</b> (10,640)
4.6 m (15 ft.)			<b>17 010</b> (37,480)	<b>15 110</b> (33,300)	<b>14 040</b> (30,940)	<b>10 390</b> (22,910)	<b>10 420</b> (22,970)	<b>7660</b> (16,880)	<b>8140</b> (17,940)	<b>5960</b> (13,130)	<b>6630</b> (14,610)	<b>4820</b> (10,630)
3.1 m (10 ft.)			<b>16 910</b> (37,270)	<b>14 690</b> (32,380)	<b>13 740</b> (30,290)	<b>10 040</b> (22,120)	<b>10 250</b> (22,580)	<b>7500</b> (16,520)	<b>8150</b> (17,970)	<b>5970</b> (13,160)	<b>6560</b> (14,450)	<b>4750</b> (10,480)
1.5 m (5 ft.)			<b>19 080</b> (42,050)	<b>13 800</b> (30,410)	<b>13 360</b> (29,440)	<b>9680</b> (21,330)	<b>10 140</b> (22,350)	<b>7400</b> (16,310)	<b>8020</b> (17,670)	<b>5840</b> (12,880)	<b>6470</b> (14,260)	<b>4670</b> (10,300)
Ground Line	<b>15 890</b> (35,030)	<b>15 890</b> (35,030)	<b>18 530</b> (40,830)	<b>13 090</b> (28,840)	<b>13 110</b> (28,900)	<b>9460</b> (20,840)	<b>9940</b> (21,910)	<b>7210</b> (15,900)	<b>7860</b> (17,320)	<b>5690</b> (12,540)	<b>6400</b> (14,100)	<b>4610</b> (10,150)
-1.5 m (-5 ft.)	<b>13 760</b> (30,330)	<b>13 760</b> (30,330)	<b>17 960</b> (39,580)	<b>12 570</b> (27,710)	<b>12 750</b> (28,090)	<b>9110</b> (20,080)	<b>9710</b> (21,410)	<b>7000</b> (15,430)	<b>7740</b> (17,050)	<b>5580</b> (12,290)	<b>6080</b> (13,410)	<b>4590</b> (10,120)
-3.1 m (-10 ft.)	<b>15 370</b> (33,880)	<b>15 370</b> (33,880)	<b>16 730</b> (36,880)	<b>16 730</b> (36,880)	<b>12 520</b> (27,600)	<b>8910</b> (19,630)	<b>9600</b> (21,160)	<b>6890</b> (15,190)	<b>7380</b> (16,270)	<b>5550</b> (12,230)		
-4.6 m (-15 ft.)	<b>16 790</b> (37,010)	<b>16 790</b> (37,010)	<b>13 240</b> (29,180)	<b>12 230</b> (26,950)	<b>10 270</b> (22,630)	<b>8900</b> (19,610)	<b>7490</b> (16,510)	<b>6910</b> (15,240)				

**Lift Capacity ZX370F-6 Live-Heel Log Loader**

Load Point Height	4.6 m (15 ft.)		6.1 m (20 ft.)		7.6 m (25 ft.)		9.1 m (30 ft.)		10.7 m (35 ft.)		12.2 m (40 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 2.92-m (9 ft. 7 in.) LC undercarriage and 700-mm (28 in.) shoes; bare pin												
12.2 m (40 ft.)			<b>15 250</b> (33,600)	<b>15 160</b> (33,420)	<b>12 400</b> (27,320)	<b>10 900</b> (24,030)						
10.7 m (35 ft.)			<b>14 080</b> (31,040)	<b>14 080</b> (31,040)	<b>12 750</b> (28,100)	<b>10 730</b> (23,640)	<b>11 250</b> (24,800)	<b>8090</b> (17,830)				
9.1 m (30 ft.)			<b>13 750</b> (30,300)	<b>13 750</b> (30,300)	<b>12 420</b> (27,380)	<b>11 050</b> (24,350)	<b>11 320</b> (24,950)	<b>7900</b> (17,410)	<b>9480</b> (20,900)	<b>6340</b> (13,980)		
7.6 m (25 ft.)			<b>14 020</b> (30,910)	<b>14 020</b> (30,910)	<b>12 660</b> (27,900)	<b>11 080</b> (24,420)	<b>11 300</b> (24,910)	<b>8070</b> (17,780)	<b>9060</b> (19,970)	<b>5950</b> (13,110)		
6.1 m (20 ft.)			<b>14 150</b> (31,190)	<b>14 150</b> (31,190)	<b>13 250</b> (29,200)	<b>10 940</b> (24,120)	<b>11 560</b> (25,480)	<b>8040</b> (17,710)	<b>9190</b> (20,250)	<b>6070</b> (13,370)	<b>7540</b> (16,610)	<b>4960</b> (10,940)
4.6 m (15 ft.)			<b>17 010</b> (37,480)	<b>15 510</b> (34,180)	<b>14 040</b> (30,940)	<b>10 670</b> (23,510)	<b>11 840</b> (26,100)	<b>7870</b> (17,340)	<b>9250</b> (20,390)	<b>6130</b> (13,500)	<b>7540</b> (16,610)	<b>4960</b> (10,940)
3.1 m (10 ft.)			<b>16 910</b> (37,270)	<b>15 100</b> (33,270)	<b>14 780</b> (32,580)	<b>10 310</b> (22,730)	<b>11 660</b> (25,700)	<b>7700</b> (16,980)	<b>9260</b> (20,420)	<b>6140</b> (13,530)	<b>7460</b> (16,440)	<b>4900</b> (10,790)
1.5 m (5 ft.)			<b>19 080</b> (42,050)	<b>14 190</b> (31,290)	<b>15 200</b> (33,510)	<b>9950</b> (21,930)	<b>11 560</b> (25,470)	<b>7600</b> (16,760)	<b>9120</b> (20,110)	<b>6010</b> (13,240)	<b>7370</b> (16,250)	<b>4810</b> (10,600)
Ground Line	<b>15 890</b> (35,030)	<b>15 890</b> (35,030)	<b>19 460</b> (42,900)	<b>13 480</b> (29,700)	<b>15 040</b> (33,150)	<b>9720</b> (21,430)	<b>11 350</b> (25,010)	<b>7420</b> (16,350)	<b>8960</b> (19,750)	<b>5860</b> (12,910)	<b>7300</b> (16,090)	<b>4750</b> (10,460)
-1.5 m (-5 ft.)	<b>13 760</b> (30,330)	<b>13 760</b> (30,330)	<b>18 730</b> (41,290)	<b>12 960</b> (28,560)	<b>14 580</b> (32,130)	<b>9380</b> (20,670)	<b>11 120</b> (24,500)	<b>7210</b> (15,880)	<b>8830</b> (19,470)	<b>5740</b> (12,650)	<b>6080</b> (13,410)	<b>4730</b> (10,430)
-3.1 m (-10 ft.)	<b>15 370</b> (33,880)	<b>15 370</b> (33,880)	<b>16 730</b> (36,880)	<b>12 660</b> (27,910)	<b>13 040</b> (28,750)	<b>9170</b> (20,220)	<b>10 150</b> (22,360)	<b>7100</b> (15,640)	<b>7380</b> (16,270)	<b>5720</b> (12,600)		
-4.6 m (-15 ft.)	<b>16 790</b> (37,010)	<b>16 790</b> (37,010)	<b>13 240</b> (29,180)	<b>12 610</b> (27,800)	<b>10 270</b> (22,630)	<b>9170</b> (20,200)	<b>7490</b> (16,510)	<b>7120</b> (15,690)				

# HITACHI

[HitachiConstruction.com](http://HitachiConstruction.com)