

FORESTERS

ZAXIS

DASH-6

ZX210F-6
ZX260F-6



HITACHI

HitachiConstruction.com

PURPOSE-BUILT. NEWLY DESIGNED.

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 ZX210F-6 and ZX260F-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. Ground level access to all filters and test ports. And tough structures that are built to last. When you choose the ZX210F-6 and ZX260F-6, you get...

RELIABLE WORKHORSES.



PURPOSE-BUILT



ZX210F-6/ZX260F-6

ZAXIS | DASH-6 FORESTERS

PRODUCTIVITY





MORE WORK DONE, MORE EFFICIENTLY.

POWERFUL PRODUCTION.

Whether you are log loading, road building, decking, shovel logging or processing/harvesting, our Dash-6 Foresters deliver impressive performance. With features like a simplified electrical system and a more robust cooling system, the ZX210F-6 and ZX260F-6 get more work done, more efficiently.

These models 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 ZX210F-6 and ZX260F-6, you get...

BIG BENEFITS.

- 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).

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

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

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

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

- Optional I4-light LED Work Light package delivers 40 percent more illumination, and service lighting provides easier machine access in low light conditions.

MORE ROOM, MORE COMFORT.

REDESIGNED CABS

It's true. A comfortable operator is more productive. And the ZX210F-6 and ZX260F-6 feature two newly designed cabs with 3 in. of additional legroom; 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. All these features and more keep operators...

COMFORTABLY PRODUCTIVE.



■ 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 a keypad, and a dashboard with a digital display and various buttons. The cab is surrounded by metal structural elements and safety railings.

■ An optional cab forward riser 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.

■ Longer track options on the ZX260F-6 increase machine stability and improve machine lifting capacity by as much as 17%.

BUILT TO PERFORM IN TOUGH ENVIRONMENTS.

RUGGED STRENGTH

The ZX210F-6 and ZX260F-6 are made to perform in the most demanding environments. Tough upperstructures and heavy-duty undercarriages are built to last. Larger lower rollers and new track options provide increased stability and reliability. Plus, machines stay running longer with simplified and accessible servicing. Add it all up, and you get more uptime with...

LOWER OPERATING COSTS.



■ Undercarriage X-frames and upperframe structures are built to last longer than ever before.



■ Larger lower rollers with improved designs for the ZX210F-6 and an optional Extreme Duty (XD) undercarriage improve undercarriage life and reliability.



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



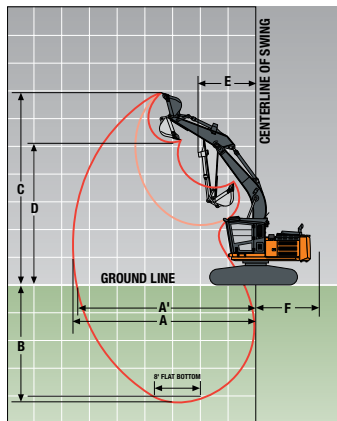
■ Ground level access to all filters and test ports makes maintenance easy and quick.

Engine		ZX210F-6 Road Builder / Processor	
Manufacturer and Model	Isuzu 4HK1		
Non-Road Emission Standards	EPA Final Tier 4 / EU Stage IV		
Net Rated Power (ISO 9249)	122 kW (164 hp) at 2,000 rpm		
Cylinders	4		
Engine Displacement	5.19 L (317 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		
Cooling			
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		
Powertrain			
2-speed propel with automatic shift			
Undercarriage	Heavy Duty (HD)	Extreme Duty (XD)	
Maximum Travel Speed			
Low	3.2 km/h (2.0 mph)		2.9 km/h (1.8 mph)
High	4.8 km/h (3.0 mph)		4.7 km/h (2.9 mph)
Drawbar Pull	22 634 kgf (49,900 lbf)		25 435 kg (56,075 lbf)
Hydraulics			
Open center, pilot operated			
Main Pumps	2 variable-displacement pumps		
Maximum Rated Flow x 2	236 L/m (62.3 gpm)		
System Operating Pressure			
Implement Circuits	34 300 kPa (4,975 psi)		
Power Boost	38 000 kPa (5,511 psi)		
Controls	Pilot levers; short-stroke, low-effort hydraulic pilot controls with shutoff lever		
Electrical			
System Voltage	24 volt		
Alternator Rating FT4	130 amp		
Lights			
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)		
Undercarriage			
Rollers (per side)			
Carrier	2		
Track	8		
Shoes Double Grousers (per side)			
Standard Duty (SD)	49		
HD	46		
XD	45		
Undercarriage Pitch			
SD	190 mm (7.5 in.)		
HD	203 mm (8.0 in.)		
XD	216 mm (8.5 in.)		

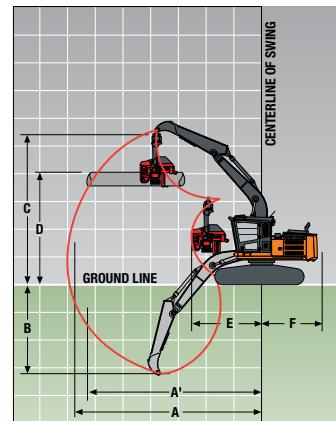
ZX210F-6

Ground Pressure	ZX210F-6 Road Builder	ZX210F-6 Processor
24-in. (600 mm) Double Grouser Shoes - 8 ft. 7 in. SD/HD	61.5 kPa (8.92 psi)	62.3 kPa (9.04 psi)
28-in. (700 mm) Double Grouser Shoes - 8 ft. 7 in. XHD	57.9 kPa (8.40 psi)	58.5 kPa (8.48 psi)
28-in. (700 mm) Double Grouser Shoes - 9 ft. 2 in.	53.1 kPa (7.70 psi)	53.7 kPa (7.79 psi)
Swing Mechanism	ZX210F-6 Road Builder / Processor	
Swing Speed	12.6 rpm	
Swing Torque	74 376 Nm (54,857 lb.-ft.)	
Operator's Station		
Operator Height from Ground (eye level)		
Side-Entry Forestry Cab	2998 mm (9 ft. 11 in.)	
Rear-Entry Log Loader Cab	4345 mm (14 ft. 4 in.)	
Serviceability		
Refill Capacities		
Fuel Tank	800 L (211 gal.)	
Cooling System	28 L (30 qt.)	
Diesel Exhaust Fluid (DEF) Tank (FT4)	57 L (15 gal.)	
Engine Crankcase (including filter)	23 L (24 qt.)	
Hydraulic Tank Oil	136 L (36 gal.)	
Operating Weights	ZX210F-6 Road Builder	ZX210F-6 Processor
With full fuel tank, 79-kg (175 lb.) operator, 177.8-mm (7 in.) riser and side entry forestry cab, 4187-kg (9,228 lb.) counterweight, and 800-mm (32 in.) double grouser shoes, FT4 engine and no attachment		
SAE Operating Weight	27 630 kg (60,914 lb.)	27 982 kg (61,689 lb.)
Optional Components (add weight)		
Rear-Entry Cab	671 kg (1,480 lb.)	671 kg (1,480 lb.)
Cab Forward	739 kg (1,630 lb.)	739 kg (1,630 lb.)
Heavy Counterweight	736 kg (1,622 lb.)	736 kg (1,622 lb.)
Undercarriage		
2.62-m (8 ft. 7 in.) XHD	3240 kg (7,143 lb.)	3240 kg (7,143 lb.)
2.79-m (9 ft. 2 in.)	106 kg (233 lb.)	106 kg (233 lb.)
Operating Dimensions		
With 800-mm (32 in.) shoes, 4187-kg (9,228 lb.) counterweight, full fuel tank, 79-kg (175 lb.) operator and standard equipment		
	Arm 2.9-m (9 ft. 6 in.), 830-kg (1,830 lb.), Bucket 0.91-m³ (1.19 cu. yd.), 1065-mm (42 in.)	Processor Arm
A Maximum Reach	9.86 m (32 ft. 4 in.)	8.74 m (28 ft. 8 in.)
A' Maximum Reach at Ground Level	9.63 m (31 ft. 7 in.)	8.46 m (27 ft. 9 in.)
B Maximum Working Depth	5.64 m (18 ft. 6 in.)	4.72 m (15 ft. 6 in.)
C Maximum Working Height	11.05 m (36 ft. 3 in.)	9.68 m (31 ft. 9 in.)
D Maximum Log-Level Height*	8.33 m (27 ft. 4 in.)	7.26 m (23 ft. 10 in.)
E Minimum Swing Radius	2.36 m (7 ft. 9 in.)	2.74 m (9 ft.)
F Tail Swing Radius	3.12 m (10 ft. 3 in.)	3.12 m (10 ft. 3 in.)
*Attachment dependent.		

ZX210F-6 Road Builder

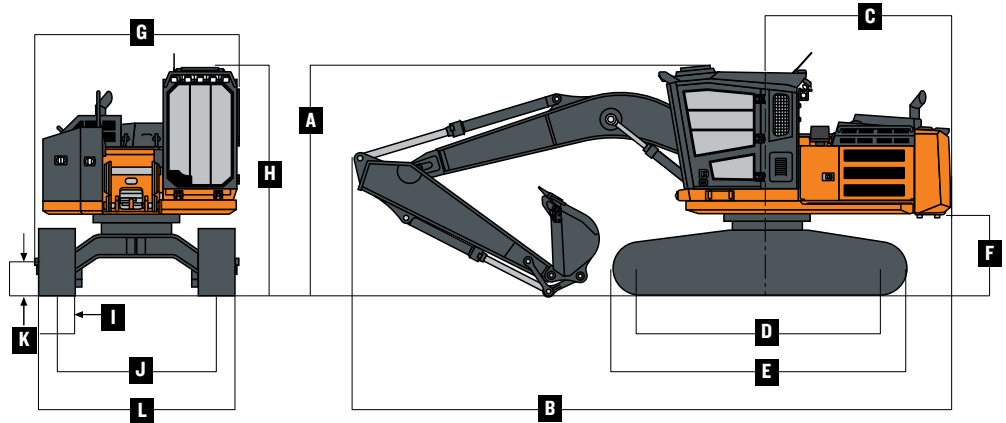


ZX210F-6 Processor

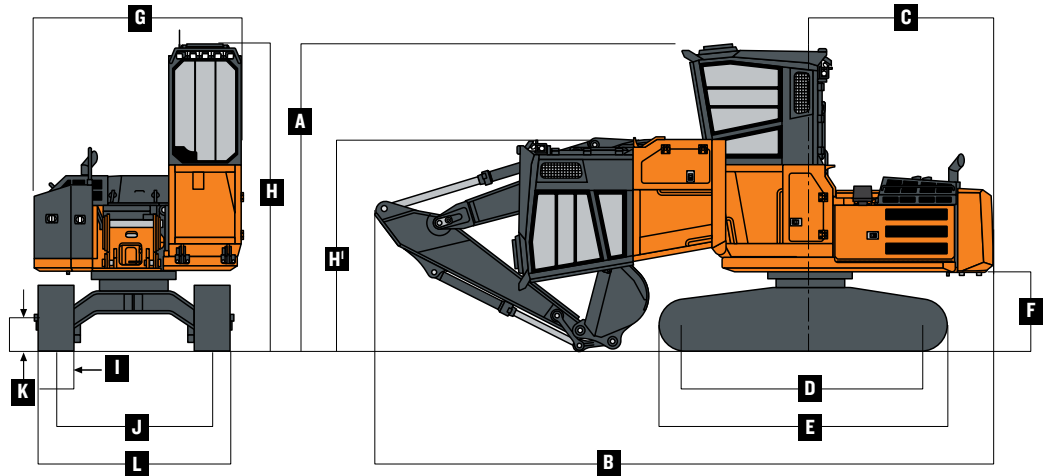


Machine Dimensions	ZX210F-6 Road Builder	ZX210F-6 Road Builder	ZX210F-6 Processor	ZX210F-6 Processor
Undercarriage	2.62-m (8 ft. 7 in.)	2.79-m (9 ft. 2 in.)	2.62-m (8 ft. 7 in.)	2.79-m (9 ft. 2 in.)
A Height (side-entry cab)	3.78 m (12 ft. 5 in.)	3.78 m (12 ft. 5 in.)	3.78 m (12 ft. 5 in.)	3.78 m (12 ft. 5 in.)
A Height (rear-entry cab)	3.63 m (12 ft. 1 in.)	3.63 m (12 ft. 1 in.)	3.68 m (12 ft. 1 in.)	3.68 m (12 ft. 1 in.)
B Overall Length	9.83 m (32 ft. 3 in.)	9.83 m (32 ft. 3 in.)	9.86 m (32 ft. 4 in.)	9.86 m (32 ft. 4 in.)
C Rear-End Length / Swing Radius	3.10 m (10 ft. 2 in.)	3.10 m (10 ft. 2 in.)	3.10 m (10 ft. 2 in.)	3.10 m (10 ft. 2 in.)
D Distance Between Idler / Sprocket Centerline	3.66 m (12 ft. 0 in.)	3.66 m (12 ft. 0 in.)	3.66 m (12 ft. 0 in.)	3.66 m (12 ft. 0 in.)
E Undercarriage Length	4.45 m (14 ft. 7 in.)	4.45 m (14 ft. 7 in.)	4.45 m (14 ft. 7 in.)	4.45 m (14 ft. 7 in.)
F Counterweight Clearance	1.37 m (4 ft. 6 in.)	1.37 m (4 ft. 6 in.)	1.37 m (4 ft. 6 in.)	1.37 m (4 ft. 6 in.)
G Upperstructure Width	3.23 m (10 ft. 7 in.)	3.23 m (10 ft. 7 in.)	3.23 m (10 ft. 7 in.)	3.23 m (10 ft. 7 in.)
H Cab Height (side-entry cab)	3.78 m (12 ft. 5 in.)	3.78 m (12 ft. 5 in.)	3.78 m (12 ft. 5 in.)	3.78 m (12 ft. 5 in.)
H Cab Height (rear-entry cab)	5.13 m (16 ft. 10 in.)	5.13 m (16 ft. 10 in.)	5.13 m (16 ft. 10 in.)	5.13 m (16 ft. 10 in.)
H' Tilted Cab Height (rear-entry cab)	3.63 m (11 ft. 11 in.)	3.63 m (11 ft. 11 in.)	3.63 m (11 ft. 11 in.)	3.63 m (11 ft. 11 in.)
I Track Shoe Width				
600-mm (28 in.) Double-Grouser Shoes	0.61 m (24 in.)	0.61 m (24 in.)	0.61 m (24 in.)	0.61 m (24 in.)
700-mm (28 in.) Double-Grouser Shoes	0.71 m (28 in.)	0.71 m (28 in.)	0.71 m (28 in.)	0.71 m (28 in.)
J Center of Sprocket to Center of Sprocket	2.62 m (8 ft. 7 in.)	2.79 m (9 ft. 2 in.)	2.62 m (8 ft. 7 in.)	2.79 m (9 ft. 2 in.)
K Ground Clearance	0.71 m (28 in.)	0.76 m (30 in.)	0.71 m (28 in.)	0.76 m (30 in.)
L Undercarriage Width	3.28 m (10 ft. 9 in.) w/ 600 mm shoe	3.51 m (11 ft. 6 in.) w/ 700 mm shoe	3.28 m (10 ft. 9 in.) w/ 600 mm shoe	3.51 m (11 ft. 6 in.) w/ 700 mm shoe

ZX210F-6 Road Builder – Low Cab



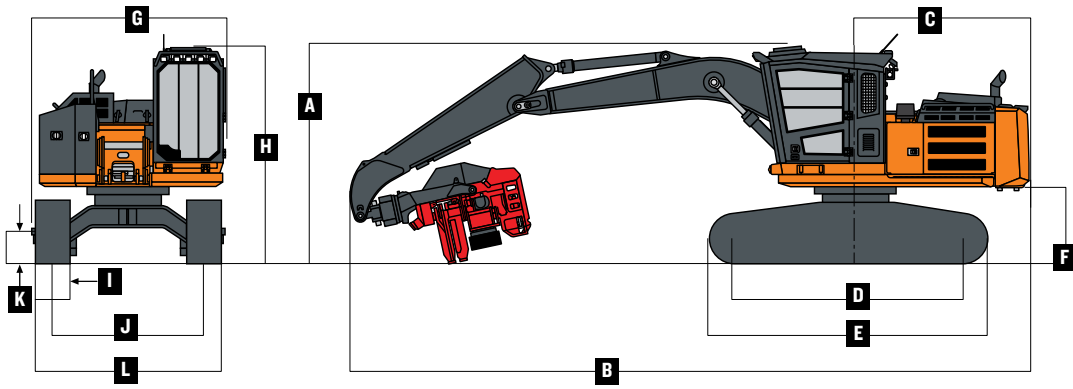
ZX210F-6 Road Builder – High Cab



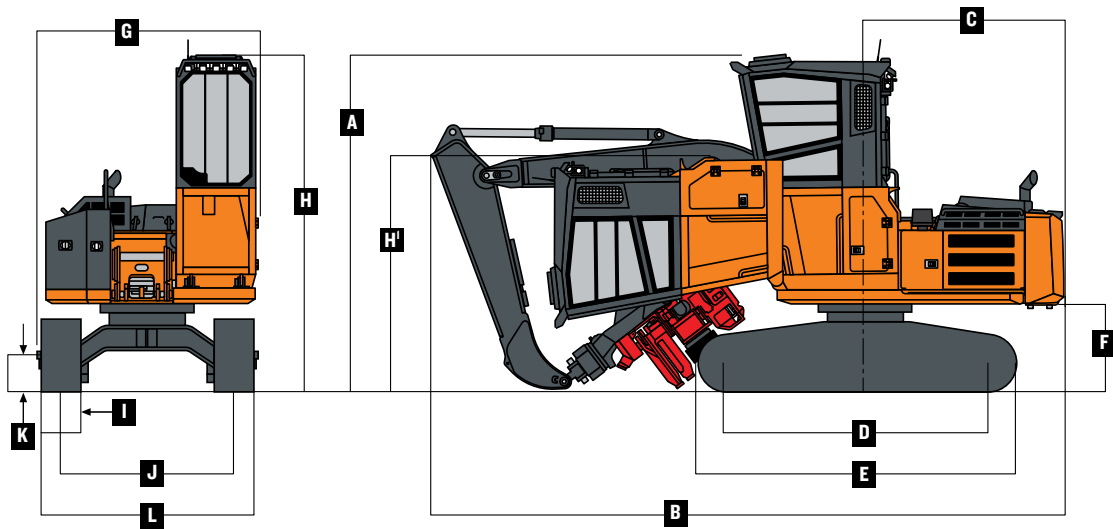
ZX210F-6

Machine Dimensions (continued)

ZX210F-6 Processor - Low Cab



ZX210F-6 Processor - High Cab



Lift Capacities ZX210F-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.)	
	Over Front	Over Side	Over Front	Over Side	Over Front	Over Side	Over Front	Over Side
Horizontal Distance from Centerline of Rotation								
With 2.79-m (9 ft. 2 in.) undercarriage and 700-mm (28 in.) shoes; bare pin								
9.1 m (30 ft.)			5720 (12,610)	5720 (12,610)				
7.6 m (25 ft.)			5010 (11,040)	5010 (11,040)	5070 (11,170)	5070 (11,170)		
6.1 m (20 ft.)			5420 (11,950)	5420 (11,950)	5070 (11,160)	5070 (11,160)		
4.6 m (15 ft.)	9030 (19,910)	9030 (19,910)	6620 (14,590)	6620 (14,590)	5570 (12,280)	5570 (12,280)	5050 (11,130)	5050 (11,130)
3.1 m (10 ft.)			8260 (18,210)	8260 (18,210)	6310 (13,900)	6310 (13,900)	5350 (11,790)	5350 (11,790)
1.5 m (5 ft.)			9580 (21,110)	9580 (21,110)	6980 (15,380)	6980 (15,380)	5650 (12,450)	5650 (12,450)
Ground Line	15 040 (33,160)	15 040 (33,160)	10 040 (22,140)	10 040 (22,140)	7330 (16,160)	7330 (16,160)	5770 (12,710)	5610 (12,370)
-1.5 m (-5 ft.)	13 840 (30,510)	13 840 (30,510)	9700 (21,380)	9700 (21,380)	7180 (15,830)	7180 (15,830)	5420 (11,940)	5420 (11,940)
-3.1 m (-10 ft.)	11 750 (25,900)	11 750 (25,900)	8520 (18,780)	8520 (18,780)	6260 (13,790)	6260 (13,790)		

ZX210F-6

Lift Capacities

ZX210F-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	1.5 m (5 ft.)		3.1 m (10 ft.)		4.6 m (15 ft.)		6.1 m (20 ft.)		7.6 m (25 ft.)	
	Over Front	Over Side	Over Front	Over Side	Over Front	Over Side	Over Front	Over Side	Over Front	Over Side
Horizontal Distance from Centerline of Rotation										
With 2.79-m (9 ft. 2 in.) undercarriage and 700-mm (28 in.) shoes; bare pin										
9.1 m (30 ft.)					5000 (11,020)	5000 (11,020)				
7.6 m (25 ft.)							4680 (10,320)	4680 (10,320)		
6.1 m (20 ft.)					4920 (10,850)	4920 (10,850)	4780 (10,530)	4780 (10,530)	4730 (10,430)	4730 (10,430)
4.6 m (15 ft.)			7790 (17,180)	7790 (17,180)	6140 (13,530)	6140 (13,530)	5330 (11,750)	5330 (11,750)	4900 (10,790)	4900 (10,790)
3.1 m (10 ft.)			12 610 (27,800)	12 610 (27,800)	7880 (17,370)	7880 (17,370)	6130 (13,520)	6130 (13,520)	5260 (11,590)	5260 (11,590)
1.5 m (5 ft.)			15 740 (34,680)	15 740 (34,680)	9430 (20,780)	9430 (20,780)	6920 (15,240)	6920 (15,240)	5640 (12,430)	5440 (11,990)
Ground Line			15 860 (34,950)	15 860 (34,950)	10 180 (22,430)	10 180 (22,430)	7400 (16,320)	7230 (15,930)	5860 (12,920)	5330 (11,750)
-1.5 m (-5 ft.)	24 950 (55,000)	24 950 (55,000)	14 880 (32,800)	14 880 (32,800)	10 080 (22,220)	10 080 (22,220)	7420 (16,360)	7130 (15,720)	5730 (12,630)	5290 (11,660)
-3.1 m (-10 ft.)			13 010 (28,680)	13 010 (28,680)	7030 (15,500)	7030 (15,500)	6770 (14,920)	6770 (14,920)		
-4.6 m (-15 ft.)					7030 (15,500)	7030 (15,500)				

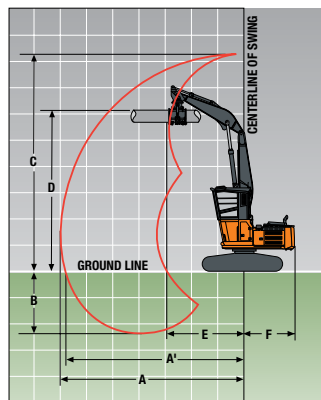
Engine	ZX210F-6 Valve-in-Head (VIH) Log Loader / Live-Heel Log Loader	
Manufacturer and Model	Isuzu 4HK1	
Non-Road Emission Standards	EPA to Final Tier 4 / EU Stage IV	
Net Rated Power (ISO 9249)	122 kW (164 hp) at 2,000 rpm	
Cylinders	4	
Engine Displacement	5.19 L (317 cu. in.)	
Off-Level Capacity	70% (35 deg.)	
Aspiration	Turbocharged, air-to-air charge-air cooler	
Oil Filter, Remote Mounted	Full-flow spin-on filter	
Cooling		
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	
Powertrain		
2-speed propel with automatic shift		
Undercarriage	Heavy Duty (HD)	Extreme Duty (XD)
Maximum Travel Speed		
Low	3.2 km/h (2.0 mph)	2.9 km/h (1.8 mph)
High	4.8 km/h (3.0 mph)	4.7 km/h (2.9 mph)
Drawbar Pull	22 634 kgf (49,900 lbf)	25 435 kg (56,075 lbf)
Hydraulics		
Open center, pilot operated		
Main Pumps	2 variable-displacement pumps	
Maximum Rated Flow x 2	236 L/m (62.3 gpm)	
System Operating Pressure		
Implement Circuits	34 300 kPa (4,975 psi)	
Power Boost	38 000 kPa (5,511 psi)	
Controls	Pilot levers; short-stroke, low-effort hydraulic pilot controls with shutoff lever	
Electrical		
System Voltage	24 volt	
Alternator Rating FT4	130 amp	
Lights		
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)	
Undercarriage		
Rollers (per side)		
Carrier	2	
Track	8	
Shoes, Double Grousers (per side)		
HD	46	
XD	45	
Undercarriage Pitch		
HD	203 mm (8 in.)	
XD	216 mm (8.5 in.)	

ZX210F-6

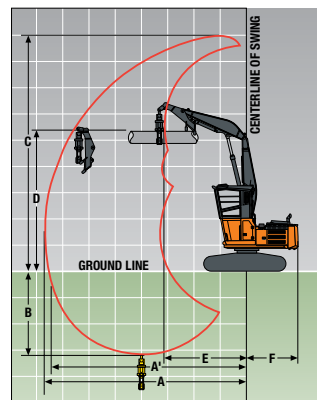
Ground Pressure	ZX210F-6 VIH Log Loader	ZX210F-6 Live-Heel Log Loader
24-in. (600 mm) Double Grouser Shoes - 8 ft. 7 in. SD/HD	67.6 kPa (9.80 psi)	68.2 kPa (9.89 psi)
28-in. (700 mm) Double Grouser Shoes - 8 ft. 7 in. XHD	62.9 kPa (9.12 psi)	63.5 kPa (9.21 psi)
28-in. (700 mm) Double Grouser Shoes - 9 ft. 2 in.	58.2 kPa (8.44 psi)	58.7 kPa (8.51 psi)
Swing Mechanism	ZX210F-6 VIH Log Loader / Live-Heel Log Loader	
Swing Speed	12.6 rpm	
Swing Torque	74 376 Nm (54,857 lb.-ft.)	
Operator's Station		
Operator Height from Ground (eye level)		
Side-Entry Forestry Cab	2998 mm (9 ft. 11 in.)	
Rear-Entry Log Loader Cab	4345 mm (14 ft. 4 in.)	
Serviceability		
Refill Capacities		
Fuel Tank	800 L (211 gal.)	
Cooling System	28 L (30 qt.)	
Diesel Exhaust Fluid (DEF) Tank (FT4)	57 L (15 gal.)	
Engine Crankcase (including filter)	23 L (24 qt.)	
Hydraulic Tank Oil	136 L (36 gal.)	
Operating Weights	ZX210F-6 VIH Log Loader	ZX210F-6 Live-Heel Log Loader
With full fuel tank, 79-kg (175 lb.) operator, 1524-mm (60 in.) riser and side entry forestry cab, 4923-kg (10,850 lb.) counterweight, and 700-mm (28 in.) double grouser shoes, FT4 engine, 2.79-m (9 ft. 2 in.) undercarriage and no attachment		
SAE Operating Weight	30 512 kg (67,267 lb.)	30 799 kg (67,899 lb.)
Optional Components (add weight)		
Side Entry Cab (7" Riser)	-671 kg (-1,480 lb.)	-671 kg (-1,480 lb.)
Rear Entry Cab Fwrd (60" Riser)	68 kg (150 lb.)	68 kg (150 lb.)
Undercarriage		
2.62-m (8 ft. 7 in.) XD	-106 kg (-233 lb.)	-106 kg (-233 lb.)
2.62-m (8 ft. 7 in.) XHD	3,134 kg (6,910 lb.)	3,134 kg (6,910 lb.)
Operating Dimensions		
With 700-mm (28 in.) shoes, 4923-kg (10,850 lb.) counterweight, full fuel tank, 79-kg (175 lb.) operator and standard equipment		
	VIH Log Loader Arm 4.32-m (14 ft. 2 in.)	Live-Heel Log Loader Arm 4.04-m (13 ft. 3 in.)
A Maximum Reach	9.93 m (32 ft. 7 in.)	10.97 m (36 ft.)
A' Maximum Reach at Ground Level	9.70 m (31 ft. 10 in.)	10.77 m (35 ft. 4 in.)
B Maximum Working Depth	3.30 m (10 ft. 10 in.)	4.32 m (14 ft. 2 in.)
C Maximum Working Height	11.61 m (38 ft. 1 in.)	12.65 m (41 ft. 6 in.)
D Maximum Log-Level Height*	9.19 m (30 ft. 2 in.)	8.23 m (27 ft.)
E Minimum Swing Radius	4.57 m (15 ft.)	4.24 m (13 ft. 11 in.)
F Tail Swing Radius	3.12 m (10 ft. 3 in.)	3.12 m (10 ft. 3 in.)

*Attachment dependent.

ZX210F-6 VIH Log Loader

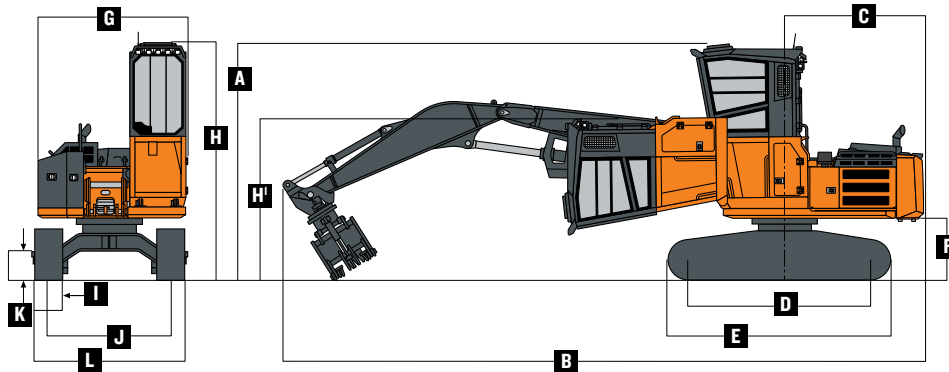


ZX210F-6 Live-Heel Log Loader

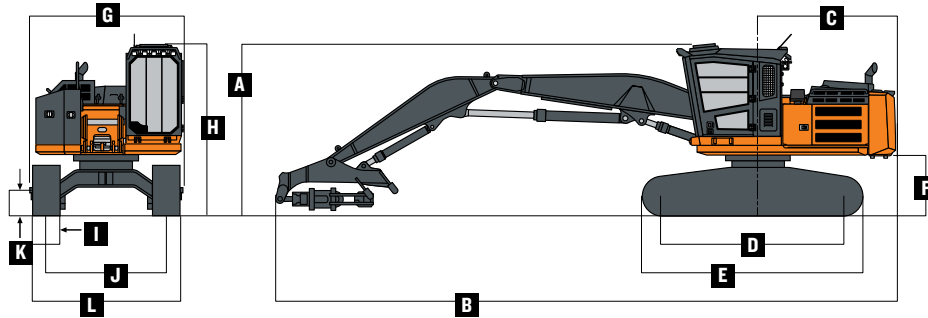


Machine Dimensions	ZX210F-6 VIH Log Loader	ZX210F-6 VIH Log Loader	ZX210F-6 Live-Heel Log Loader	ZX210F-6 Live-Heel Log Loader
Undercarriage	2.62-m (8 ft. 7 in.) HD	2.79-m (9 ft. 2 in.)	2.62-m (8 ft. 7 in.) XD	2.79-m (9 ft. 2 in.)
A Height (side-entry cab)	3.78 m (12 ft. 5 in.)	3.78 m (12 ft. 5 in.)	3.78 m (12 ft. 5 in.)	3.78 m (12 ft. 5 in.)
A Height (rear-entry cab)	3.63 m (11 ft. 11 in.)	3.63 m (11 ft. 11 in.)	3.63 m (11 ft. 11 in.)	3.63 m (11 ft. 11 in.)
B Overall Length	13.67 m (44 ft. 10 in.)	13.67 m (44 ft. 10 in.)	13.49 m (44 ft. 3 in.)	13.49 m (44 ft. 3 in.)
C Rear-End Length / Swing Radius	3.10 m (10 ft. 2 in.)	3.10 m (10 ft. 2 in.)	3.10 m (10 ft. 2 in.)	3.10 m (10 ft. 2 in.)
D Distance Between Idler/Sprocket Centerline	3.66 m (12 ft. 0 in.)	3.73 m (12 ft. 3 in.)	3.66 m (12 ft. 0 in.)	3.73 m (12 ft. 3 in.)
E Undercarriage Length	4.45 m (14 ft. 7 in.)	4.70 m (15 ft. 5 in.)	4.45 m (14 ft. 7 in.)	4.70 m (15 ft. 5 in.)
F Counterweight Clearance	1.37 m (4 ft. 6 in.)	1.37 m (4 ft. 6 in.)	1.37 m (4 ft. 6 in.)	1.37 m (4 ft. 6 in.)
G Upperstructure Width	3.23 m (10 ft. 7 in.)	3.23 m (10 ft. 7 in.)	3.23 m (10 ft. 7 in.)	3.23 m (10 ft. 7 in.)
H Cab Height (side-entry cab)	3.78 m (12 ft. 5 in.)	3.78 m (12 ft. 5 in.)	3.78 m (12 ft. 5 in.)	3.78 m (12 ft. 5 in.)
H Cab Height (rear-entry cab)	5.13 m (16 ft. 10 in.)	5.13 m (16 ft. 10 in.)	5.13 m (16 ft. 10 in.)	5.13 m (16 ft. 10 in.)
H' Tilted Cab Height (rear-entry cab)	3.63 m (11 ft. 11 in.)	3.63 m (11 ft. 11 in.)	3.63 m (11 ft. 11 in.)	3.63 m (11 ft. 11 in.)
I Track Shoe Width	0.61 m (24 in.) w/ 600-mm track shoe	0.71 m (28 in.) w/ 700-mm track shoe	0.71 m (28 in.) w/ 700-mm track shoe	0.91 m (36 in.) w/ 900-mm track shoe
J Center of Sprocket to Center of Sprocket	2.62 m (8 ft. 7 in.)	2.79 m (9 ft. 2 in.)	2.62 m (8 ft. 7 in.)	2.79 m (9 ft. 2 in.)
K Ground Clearance	0.71 m (28 in.)	0.76 m (30 in.)	0.71 m (28 in.)	0.76 m (30 in.)
L Undercarriage Width	3.28 m (10 ft. 9 in.), 8 ft. 7 in. HD Undercarriage w/ 600-mm track shoe	3.51 m (11 ft. 6 in.), 9 ft. 2 in. Undercarriage w/ 700-mm track shoe	3.53 m (11 ft. 7 in.), 8 ft. 7 in. XHD Undercarriage w/ 900-mm track shoe	3.51 m (11 ft. 6 in.), 9 ft. 2 in. Undercarriage w/ 700-mm track shoe

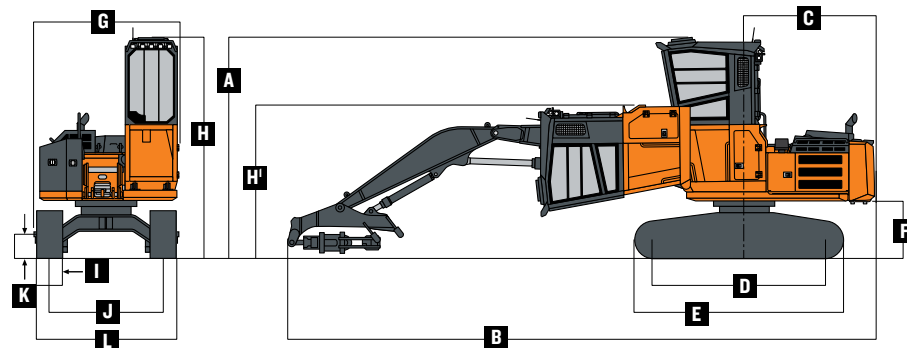
ZX210F-6 VIH Log Loader



ZX210F-6 Live Heel - Low Cab



ZX210F-6 Live Heel - High Cab



Lift Capacity ZX210F-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	3.0 m (10 ft.)		4.6 m (15 ft.)		6.1 m (20 ft.)		7.6 m (25 ft.)		9.1 m (30 ft.)	
	Over Front	Over Side	Over Front	Over Side	Over Front	Over Side	Over Front	Over Side	Over Front	Over Side
With 2.79-m (9 ft. 2 in.) undercarriage and 700-mm (28 in.) shoes; bare pin										
10.7 m (35 ft.)			11 700	11 700						
			(25,800)	(25,800)						
9.1 m (30 ft.)			10 240	10 240	9110	8820				
			(22,570)	(22,570)	(20,070)	(19,440)				
7.6 m (25 ft.)					8770	8770	7900	6210		
					(19,340)	(19,340)	(17,410)	(13,690)		
6.1 m (20 ft.)			10 360	10 360	8970	8860	7910	6210		
			(22,830)	(22,830)	(19,770)	(19,540)	(17,420)	(13,700)		
4.6 m (15 ft.)			11 620	11 620	9540	8630	7790	6110	5840	4580
			(25,600)	(25,600)	(21,030)	(19,010)	(17,170)	(13,460)	(12,880)	(10,100)
3.1 m (10 ft.)					10 260	8280	7610	5940	5770	4520
					(22,600)	(18,250)	(16,780)	(13,090)	(12,720)	(9,950)
1.5 m (5 ft.)					10 350	7920	7420	5760	5690	4430
					(22,820)	(17,450)	(16,350)	(12,690)	(12,540)	(9,770)
Ground Line			14 380	11 580	10 050	7640	7270	5610	5630	4380
			(31,700)	(25,520)	(22,150)	(16,840)	(16,010)	(12,370)	(12,400)	(9,640)
-1.5 m (-5 ft.)	17 200	17 200	12 630	11 360	9450	7500	7070	5540	4490	4380
	(37,900)	(37,900)	(27,830)	(25,040)	(20,830)	(16,530)	(15,580)	(12,210)	(9,910)	(9,550)
-3.1 m (-10 ft.)			9380	9380	7160	7160				
			(20,670)	(20,670)	(15,780)	(15,780)				

Lift Capacity ZX210F-6 Live-Heel 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	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.)		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	Over Front	Over Side
With 2.62-m (8 ft. 7 in.) XD undercarriage and 900-mm (36 in.) shoes; bare pin												
12.2 m (40 ft.)	15 740	15 740										
	(34,680)	(34,680)										
10.7 m (35 ft.)			9790	9790	8750	7080						
			(21,580)	(21,580)	(19,290)	(15,600)						
9.1 m (30 ft.)					7820	7700	7070	5040				
					(17,240)	(16,970)	(15,590)	(11,100)				
7.6 m (25 ft.)					7670	6910	6910	5290	5410	3870		
					(16,900)	(16,900)	(15,220)	(11,660)	(11,920)	(8,520)		
6.1 m (20 ft.)					7930	7890	7040	5300	5440	3900		
					(17,480)	(17,380)	(15,510)	(11,690)	(12,000)	(8,590)		
4.6 m (15 ft.)			9660	9660	8630	7660	7260	5210	5270	3740	4050	2830
			(21,290)	(21,290)	(19,020)	(16,890)	(16,000)	(11,490)	(11,620)	(8,240)	(8,930)	(6,230)
3.1 m (10 ft.)			11 450	11 450	9420	7340	7090	5050	5250	3720	4040	2810
			(25,240)	(25,240)	(20,760)	(16,180)	(15,630)	(11,130)	(11,570)	(8,190)	(8,900)	(6,200)
1.5 m (5 ft.)			13 190	10 750	9890	6930	6890	4860	5160	3630	3990	2770
			(29,080)	(23,690)	(21,800)	(15,280)	(15,180)	(10,720)	(11,370)	(8,010)	(8,800)	(6,100)
Ground Line			13 950	10 050	9510	6590	6710	4700	5040	3520	3960	2740
			(30,740)	(22,140)	(20,970)	(14,530)	(14,790)	(10,360)	(11,100)	(7,750)	(8,720)	(6,030)
-1.5 m (-5 ft.)	6330	6330	13 230	9660	9270	6370	6570	4570	4960	3450		
	(13,960)	(13,960)	(29,160)	(21,290)	(20,430)	(14,040)	(14,480)	(10,070)	(10,940)	(7,600)		
-3.1 m (-10 ft.)	9720	9720	10 930	9500	8210	6320	6530	4530	3650	3460		
	(21,420)	(21,420)	(24,100)	(20,940)	(18,100)	(13,940)	(14,400)	(9,990)	(8,050)	(7,620)		

Lift Capacity ZX210F-6 Live-Heel 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.

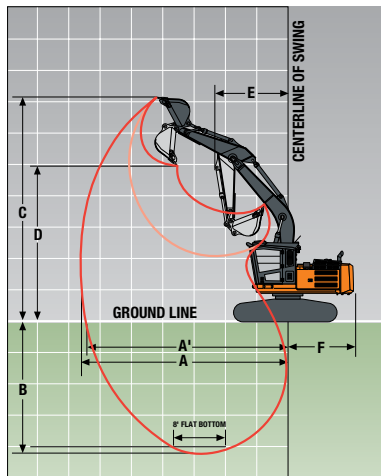
Load Point Height	3.1 m (10 ft.)		4.6 m (15 ft.)		6.1 m (20 ft.)		7.6 m (25 ft.)		9.1 m (30 ft.)		10.7 m (35 ft.)	
	Over Front	Over Side	Over Front	Over Side	Over Front	Over Side	Over Front	Over Side	Over Front	Over Side	Over Front	Over Side
With 2.79-m (9 ft. 2 in.) undercarriage and 700-mm (28 in.) shoes; bare pin												
12.2 m (40 ft.)	15 740	15 740										
	(34,680)	(34,680)										
10.7 m (35 ft.)			9790	9790	8750	7840						
			(21,580)	(21,580)	(19,290)	(17,290)						
9.1 m (30 ft.)					7820	7820	7150	5580				
					(17,240)	(17,240)	(15,750)	(12,300)				
7.6 m (25 ft.)					7670	6910	6910	5840	5570	4290		
					(16,900)	(16,900)	(15,220)	(12,870)	(12,270)	(9,450)		
6.1 m (20 ft.)					7930	7930	7040	5850	5600	4320		
					(17,480)	(17,480)	(15,510)	(12,900)	(12,350)	(9,530)		
4.6 m (15 ft.)			9660	9660	8630	8440	7350	5760	5440	4160	4180	3170
			(21,290)	(21,290)	(19,020)	(18,600)	(16,190)	(12,690)	(11,980)	(9,170)	(9,220)	(6,980)
3.1 m (10 ft.)			11 450	11 450	9330	8120	7290	5600	5420	4150	4170	3150
			(25,240)	(25,240)	(20,560)	(17,890)	(16,070)	(12,340)	(11,950)	(9,150)	(9,180)	(6,950)
1.5 m (5 ft.)			13 190	11 880	10 040	7700	7090	5410	5320	4050	4120	3110
			(29,080)	(26,180)	(22,120)	(16,970)	(15,630)	(11,920)	(11,725)	(8,930)	(9,080)	(6,850)
Ground Line			10 540	10 540	9790	7350	6910	5240	5200	3940	4090	3080
			(23,230)	(23,230)	(21,570)	(16,190)	(15,230)	(11,550)	(11,460)	(8,680)	(9,020)	(6,790)
-1.5 m (-5 ft.)	6330	6330	13 270	10 920	9480	7060	6770	5110	5140	3880		
	(13,960)	(13,960)	(29,240)	(24,070)	(20,900)	(15,570)	(14,930)	(11,270)	(11,330)	(8,550)		
-3.1 m (-10 ft.)	8770	8770	10 930	10 710	8210	7070	6570	5070	3650	3650		
	(19,320)	(19,320)	(24,100)	(23,610)	(18,100)	(15,590)	(14,490)	(11,180)	(8,050)	(8,050)		

Engine	ZX260F-6 Road Builder / Processor
Manufacturer and Model	Isuzu 4HK1
Non-Road Emission Standards	EPA Final Tier 4 / EU Stage IV
Net Rated Power (ISO 9249)	132 kW (177 hp) at 2,000 rpm
Cylinders	4
Engine Displacement	5.19 L (317 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
Cooling	
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
Powertrain	
2-speed propel with automatic shift	
Maximum Travel Speed	
Low	2.9 km/h (1.8 mph)
High	4.7 km/h (2.9 mph)
Drawbar Pull	25 435 kgf (56,075 lbf)
Hydraulics	
Open center, pilot operated	
Main Pumps	2 variable-displacement pumps
Maximum Rated Flow x 2	248 L/m (65.5 gpm)
System Operating Pressure	
Implement Circuits	34 300 kPa (4,975 psi)
Power Boost	38 000 kPa (5,511 psi)
Controls	Pilot levers; short-stroke, low-effort hydraulic pilot controls with shutoff lever
Electrical	
System Voltage	24 volt
Alternator Rating	130 amp
Lights	
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 (optional)	1 LED (rear right cab)
Undercarriage	
Rollers (per side)	
Carrier	2
Track - 8 ft. 7 in.	8
Track - 9 ft. 2 in. LC	9
Shoes, Double Grousers (per side) - 8 ft. 7 in.	45
Shoes, Double Grousers (per side) - 9 ft. 2 in. LC	48
Undercarriage Pitch	216 mm (8.5 in.)

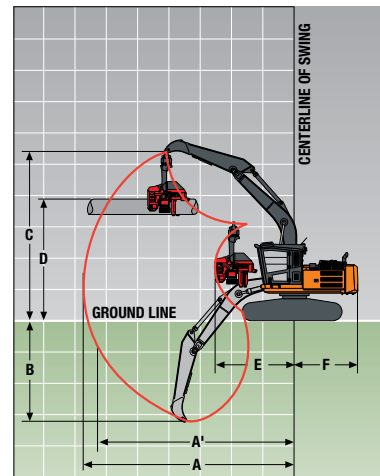
ZX260F-6

Ground Pressure	ZX260F-6 Road Builder	ZX260F-6 Processor
28-in. (700 mm) Double Grouser Shoes - 8 ft. 7 in.	61.5 kPa (8.92 psi)	63.5 kPa (9.20 psi)
28-in. (700 mm) Double Grouser Shoes - 9 ft. 2 in. LC	56.2 kPa (8.15 psi)	58.0 kPa (8.41 psi)
Swing Mechanism	ZX260F-6 Road Builder / Processor	
Swing Speed	10.6 rpm	
Swing Torque	107 869 Nm (79,560 lb.-ft.)	
Operator's Station		
Operator Height from Ground (eye level)		
Side-Entry Forestry Cab	3085 mm (10 ft. 2 in.)	
Rear-Entry Log Loader Cab	4432 mm (14 ft. 6 in.)	
Serviceability		
Refill Capacities		
Fuel Tank	800 L (211 gal.)	
Cooling System	34 L (9 gal.)	
Diesel Exhaust Fluid (DEF) Tank (FT4)	70 L (18 gal.)	
Engine Crankcase (including filter)	26 L (7 qt.)	
Hydraulic Tank Oil	147.6 L (39 gal.)	
Operating Weights	ZX260F-6 Road Builder	ZX260F-6 Processor
With full fuel tank, 79-kg (175 lb.) operator, 177.8-mm (7 in.) riser and side entry forestry cab, 4551-kg (10,030 lb.) counterweight, and 800-mm (32 in.) double grouser shoes, FT4 engine, 2.62-m (8 ft. 7 in.) undercarriage and no attachment		
SAE Operating Weight	32 846 kg (72,413 lb.)	33 891 kg (74,716 lb.)
Optional Components (add weight)		
Rear Entry Cab (1524-mm (60 in.) Riser)	671 kg (1,480 lb.)	671 kg (1,480 lb.)
Rear Entry Cab Fwrd (1524-mm (60 in.) Riser)	739 kg (1,630 lb.)	739 kg (1,630 lb.)
Heavy Counterweight	549 kg (1,210 lb.)	549 kg (1,210 lb.)
LC Undercarriage	790 kg (1,741 lb.)	790 kg (1,741 lb.)
Operating Dimensions		
With 700-mm (28 in.) shoes, 4551-kg (10,030 lb.) counterweight, full fuel tank, 79-kg (175 lb.) operator and standard equipment		
	Arm 2.95-m (9 ft. 8 in.); 996-kg (2,195 lb.), Bucket 1.06-m³ (1.38 cu. yd.), 1065-mm (42 in.)	Processor Arm
A Maximum Reach	10.16 m (33 ft. 4 in.)	8.94 m (29 ft. 4 in.)
A' Maximum Reach at Ground Level	9.91 m (32 ft. 6 in.)	8.64 m (28 ft. 4 in.)
B Maximum Working Depth	6.25 m (20 ft. 6 in.)	4.85 m (15 ft. 11 in.)
C Maximum Working Height	10.64 m (34 ft. 11 in.)	9.88 m (32 ft. 5 in.)
D Maximum Log-Level Height*	7.95 m (26 ft. 1 in.)	7.47 m (24 ft. 6 in.)
E Minimum Swing Radius	3.23 m (10 ft. 7 in.)	2.82 m (9 ft. 3 in.)
F Tail Swing Radius	3.15 m (10 ft. 4 in.)	3.15 m (10 ft. 4 in.)
*Attachment dependent		

ZX260F-6 Road Builder

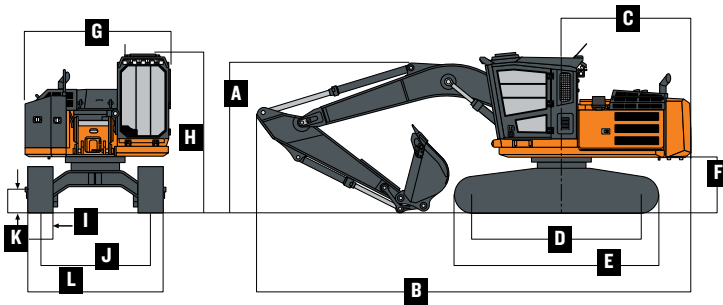


ZX260F-6 Processor

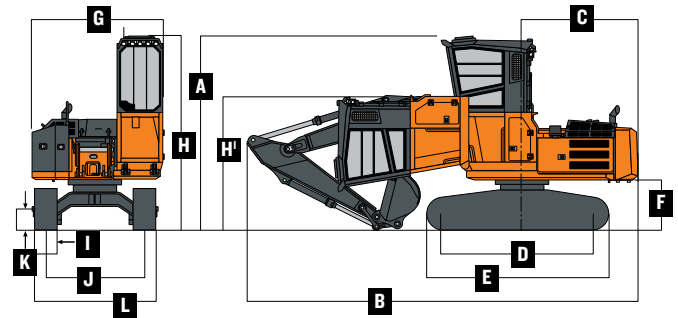


Machine Dimensions	ZX260F-6 Road Builder	ZX260F-6 Road Builder LC	ZX260F-6 Processor	ZX260F-6 Processor LC
Undercarriage	2.62-m (8 ft. 7 in.)	2.79-m (9 ft. 2 in.) LC	2.62-m (8 ft. 7 in.)	2.79-m (9 ft. 2 in.) LC
A Height (side-entry cab)	3.84 m (12 ft. 7 in.)	3.84 m (12 ft. 7 in.)	3.96 m (13 ft.)	3.96 m (13 ft.)
A Height (rear-entry cab)	3.76 m (12 ft. 4 in.)	3.76 m (12 ft. 4 in.)	3.96 m (13 ft.)	3.96 m (13 ft.)
B Overall Length	10.16 m (33 ft. 4 in.)	10.16 m (33 ft. 4 in.)	10.21 m (33 ft. 6 in.)	10.21 m (33 ft. 6 in.)
C Rear-End Length / Swing Radius	3.15 m (10 ft. 4 in.)	3.15 m (10 ft. 4 in.)	3.15 m (10 ft. 4 in.)	3.15 m (10 ft. 4 in.)
D Distance Between Idler / Sprocket Centerline	3.73 m (12 ft. 3 in.)	4.06 m (13 ft. 4 in.)	3.73 m (12 ft. 3 in.)	4.06 m (13 ft. 4 in.)
E Undercarriage Length	4.70 m (15 ft. 5 in.)	5.03 m (16 ft. 6 in.)	4.70 m (15 ft. 5 in.)	5.03 m (16 ft. 6 in.)
F Counterweight Clearance	1.40 m (4 ft. 7 in.)	1.40 m (4 ft. 7 in.)	1.40 m (4 ft. 7 in.)	1.40 m (4 ft. 7 in.)
G Upperstructure Width	3.38 m (11 ft. 1 in.)	3.38 m (11 ft. 1 in.)	3.38 m (11 ft. 1 in.)	3.38 m (11 ft. 1 in.)
H Cab Height (side-entry cab)	3.84 m (12 ft. 7 in.)	3.84 m (12 ft. 7 in.)	3.84 m (12 ft. 7 in.)	3.84 m (12 ft. 7 in.)
H Cab Height (rear-entry cab)	5.18 m (17 ft.)	5.18 m (17 ft.)	5.18 m (17 ft.)	5.18 m (17 ft.)
H' Tilted Cab Height (rear-entry cab)	3.76 m (12 ft. 4 in.)	3.76 m (12 ft. 4 in.)	3.76 m (12 ft. 4 in.)	3.76 m (12 ft. 4 in.)
I Track Width with 700-mm (28 in.) Double-Grouser Shoes	0.71 m (28 in.)	0.71 m (28 in.)	0.71 m (28 in.)	0.71 m (28 in.)
J Center of Sprocket to Center of Sprocket	2.62 m (8 ft. 7 in.)	2.79 m (9 ft. 2 in.)	2.62 m (8 ft. 7 in.)	2.79 m (9 ft. 2 in.)
K Ground Clearance	0.71 m (28 in.)	0.76 m (30 in.)	0.71 m (28 in.)	0.76 m (30 in.)
L Undercarriage Width w/660-mm or 700-mm shoe	3.33 m (10 ft. 11 in.)	3.53 m (11 ft. 6 in.)	3.33 m (10 ft. 11 in.)	3.53 m (11 ft. 6 in.)

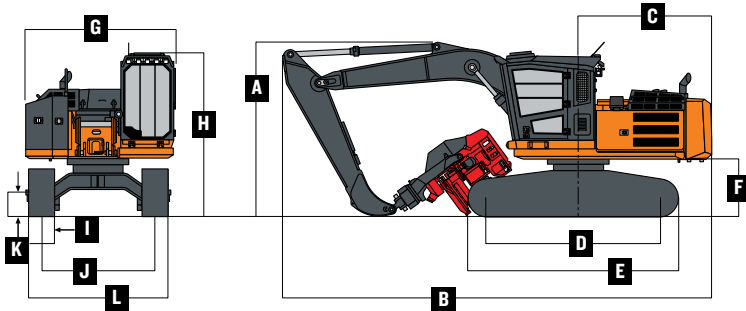
ZX260F-6 Road Builder – Low Cab



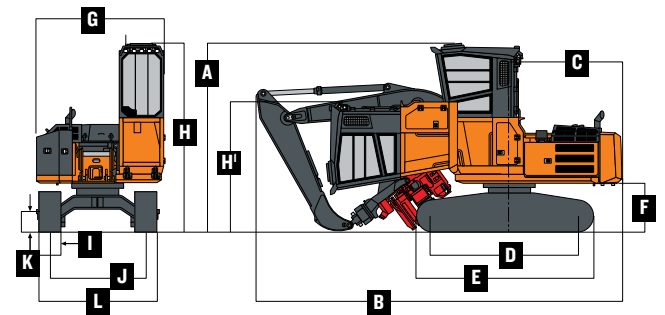
ZX260F-6 Road Builder – High Cab



ZX260F-6 Processor – Low Cab



ZX260F-6 Processor – High Cab



ZX260F-6

Lift Capacity ZX260F-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.)	
Horizontal Distance from Centerline of Rotation	Over Front	Over Side	Over Front	Over Side	Over Front	Over Side	Over Front	Over Side
With 2.79-m (9 ft. 2 in.) undercarriage and 700-mm (28 in.) shoes; bare pin								
7.6 m (25 ft.)					5480	5480		
					(12,070)	(12,070)		
6.1 m (20 ft.)					5720	5720	5490	5490
					(12,610)	(12,610)	(12,090)	(12,090)
4.6 m (15 ft.)	11 490	11 490	7860	7860	6430	6430	5720	5720
	(25,320)	(25,320)	(17,320)	(17,320)	(14,160)	(14,160)	(12,610)	(12,610)
3.1 m (10 ft.)			9820	9820	7330	7330	6140	6140
			(21,640)	(21,640)	(16,170)	(16,170)	(13,540)	(13,540)
1.5 m (5 ft.)			11 250	11 250	8130	8130	6550	6250
			(24,790)	(24,790)	(17,920)	(17,920)	(14,430)	(13,770)
Ground Line	17 240	17 240	11 710	11 710	8550	8290	6750	6130
	(37,990)	(37,990)	(25,810)	(25,810)	(18,850)	(18,270)	(14,870)	(13,500)
-1.5 m (-5 ft.)	16 060	16 060	11 340	11 340	8450	8230	6520	6110
	(35,390)	(35,390)	(25,000)	(25,000)	(18,620)	(18,140)	(14,360)	(13,480)
-3.1 m (-10 ft.)	13 930	13 930	10 150	10 150	7580	7580		
	(30,690)	(30,690)	(22,360)	(22,360)	(16,700)	(16,700)		
-4.6 m (-15 ft.)			7510	7510				
			(16,550)	(16,550)				

Lift Capacities ZX260F-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	1.5 m (5 ft.)		3.1 m (10 ft.)		4.6 m (15 ft.)		6.1 m (20 ft.)		7.6 m (25 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 2.79-m (9 ft. 2 in.) undercarriage and 700-mm (28 in.) shoes; bare pin										
7.6 m (25 ft.)							5090	5090		
							(11,230)	(11,230)		
6.1 m (20 ft.)							5410	5410	5250	5250
							(11,920)	(11,920)	(11,570)	(11,570)
4.6 m (15 ft.)			9960	9960	5710	5710	6170	6170	5570	5570
			(21,960)	(21,960)	(12,590)	(12,590)	(13,610)	(13,610)	(12,280)	(12,280)
3.1 m (10 ft.)			15 830	15 830	7330	7330	7170	7170	6070	6070
			(34,880)	(34,880)	(16,150)	(16,150)	(15,810)	(15,810)	(13,370)	(13,370)
1.5 m (5 ft.)			18 580	18 580	11 150	11 150	8100	8100	6560	6270
			(40,950)	(40,950)	(24,570)	(24,570)	(17,840)	(17,840)	(14,450)	(13,820)
Ground Line			18 410	18 410	11 930	11 930	8670	8310	6870	6130
			(40,580)	(40,580)	(26,300)	(26,300)	(19,120)	(18,320)	(15,140)	(13,510)
-1.5 m (-5 ft.)	28 640	28 640	17 370	17 370	11 840	11 840	8750	8210	6820	6080
	(63,130)	(63,130)	(38,280)	(38,280)	(26,100)	(26,100)	(19,280)	(18,090)	(15,040)	(13,390)
-3.1 m (-10 ft.)			15 440	15 440	10 910	10 910	8150	8150		
			(34,040)	(34,040)	(24,050)	(24,050)	(17,960)	(17,960)		
-4.6 m (-15 ft.)					8790	8790				
					(19,380)	(19,380)				

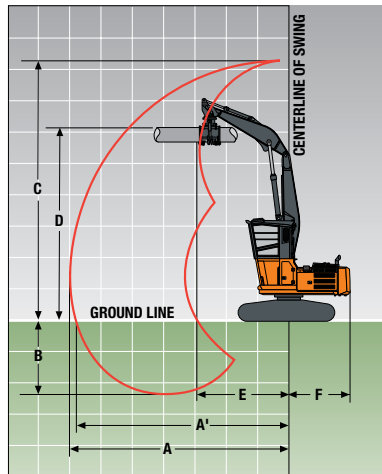
Engine	ZX260F-6 Valve-in-Head (VIH) Log Loader / Live-Heel Log Loader
Manufacturer and Model	Isuzu 4HK1
Non-Road Emission Standards	EPA Final Tier 4 / EU Stage IV
Net Rated Power (ISO 9249)	132 kW (177 hp) at 2,000 rpm
Cylinders	4
Engine Displacement	5.19 L (317 cu. in.)
Off-Level Capacity	70% (35 deg.)
Aspiration	Turbocharged, air-to-air charge-air cooler
Oil Filter, Remote Mounted	Full-flow spin-on filter
Cooling	
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
Powertrain	
2-speed propel with automatic shift	
Maximum Travel Speed	
Low	2.9 km/h (1.8 mph)
High	4.7 km/h (2.9 mph)
Drawbar Pull	25 435 kgf (56,075 lbf)
Hydraulics	
Open center, pilot operated	
Main Pumps	2 variable-displacement pumps
Maximum Rated Flow x 2	248 L/m (65.5 gpm)
System Operating Pressure	
Implement Circuits	34 300 kPa (4,975 psi)
Power Boost	38 000 kPa (5,511 psi)
Controls	Pilot levers; short-stroke, low-effort hydraulic pilot with shutoff lever
Electrical	
System Voltage	24 volt
Number of Batteries (12 volt)	2
Battery Capacity	1000 CCA
Alternator Rating	130 amp
Lights	
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)
Undercarriage	
Rollers (per side)	
Carrier	2
Track	9
Shoes, Double Grousers (per side)	48
Undercarriage Pitch	216 mm (8.5 in.)

ZX260F-6

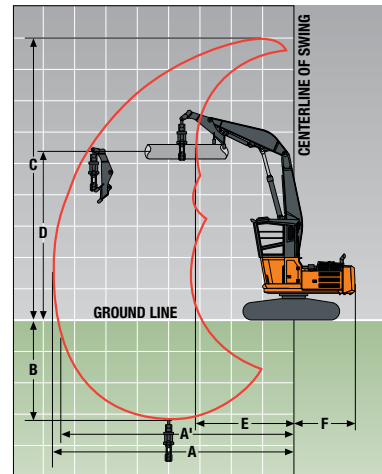
Ground Pressure	ZX260F-6 VIH Log Loader	ZX260F-6 Live-Heel Log Loader
28-in. (700 mm) Double Grouser Shoes - 9 ft. 2 in. LC	60.7 kPa (8.80 psi)	61.3 kPa (8.89 psi)
Swing Mechanism	ZX260F-6 VIH Log Loader / Live-Heel Log Loader	
Swing Speed	10.6 rpm	
Swing Torque	107 869 Nm (79,560 lb.-ft.)	
Operator's Station		
Operator Height from Ground (eye level)		
Side-Entry Forestry Cab	3085 mm (10 ft. 2 in.)	
Rear-Entry Log Loader Cab	4432 mm (14 ft. 6 in.)	
Serviceability		
Refill Capacities		
Fuel Tank	800 L (211 gal.)	
Cooling System	34 L (9 gal.)	
Diesel Exhaust Fluid (DEF) Tank (FT4)	70 L (18 gal.)	
Engine Crankcase (including filter)	26 L (7 qt.)	
Hydraulic Tank Oil	147.6 L (39 gal.)	
Operating Weights	ZX260F-6 VIH Log Loader	ZX260F-6 Live-Heel Log Loader
With full fuel tank, 79-kg (175 lb.) operator, 1524-mm (60 in.) riser and rear entry forestry cab, 5100-kg (11,240 lb.) counterweight, and 700-mm (28 in.) double grouser shoes, FT4 engine, 2.79-m (9 ft. 2 in.) undercarriage and no attachment		
SAE Operating Weight	35 925 kg (79,200 lb.)	35,826 kg (78,982 lb.)
Optional Components (add weight)		
Side-Entry Cab	-672 kg (-1,480 lb.)	-672 kg (-1,480 lb.)
Rear-Entry Cab Forward	68 kg (150 lb.)	68 kg (150 lb.)
Operating Dimensions		
With 700-mm (28 in.) shoes, 5100-kg (11,240 lb.) counterweight, full fuel tank, 79-kg (175 lb.) operator and standard equipment		
	Arm 4.39-m (14 ft. 5 in.)	Arm 4.10-m (13 ft. 5 in.)
A Maximum Reach	10.67 m (35 ft.)	11.71 m (38 ft. 5 in.)
A' Maximum Reach at Ground Level	10.44 m (34 ft. 3 in.)	11.48 m (37 ft. 8 in.)
B Maximum Working Depth	3.63 m (11 ft. 11 in.)	4.78 m (15 ft. 8 in.)
C Maximum Working Height	12.78 m (41 ft. 11 in.)	13.79 m (45 ft. 3 in.)
D Maximum Log Level Height (log resting on heel rack rear plate)*	9.98 m (32 ft. 9 in.)*	8.79 m (28 ft. 10 in.)
D Maximum Log Level Height (log resting on heel rack front plate)*		9.65 m (31 ft. 8 in.)
E Minimum Swing Radius	4.47 m (14 ft. 8 in.)	4.57 m (15 ft.)
F Tail Swing Radius	3.15 m (10 ft. 4 in.)	3.15 m (10 ft. 4 in.)

*Attachment dependent.

ZX260F-6 VIH Log Loader

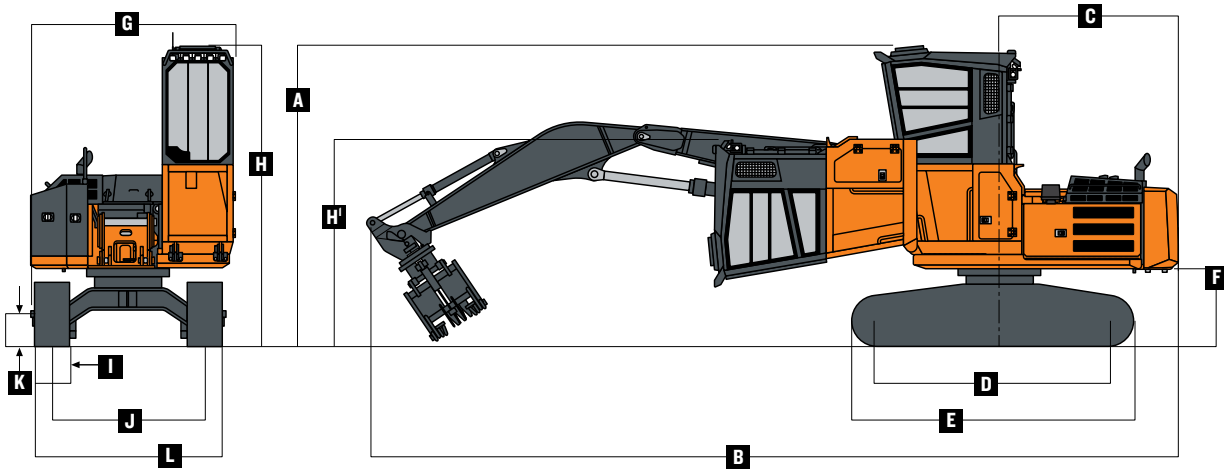


ZX260F-6 Live-Heel Log Loader

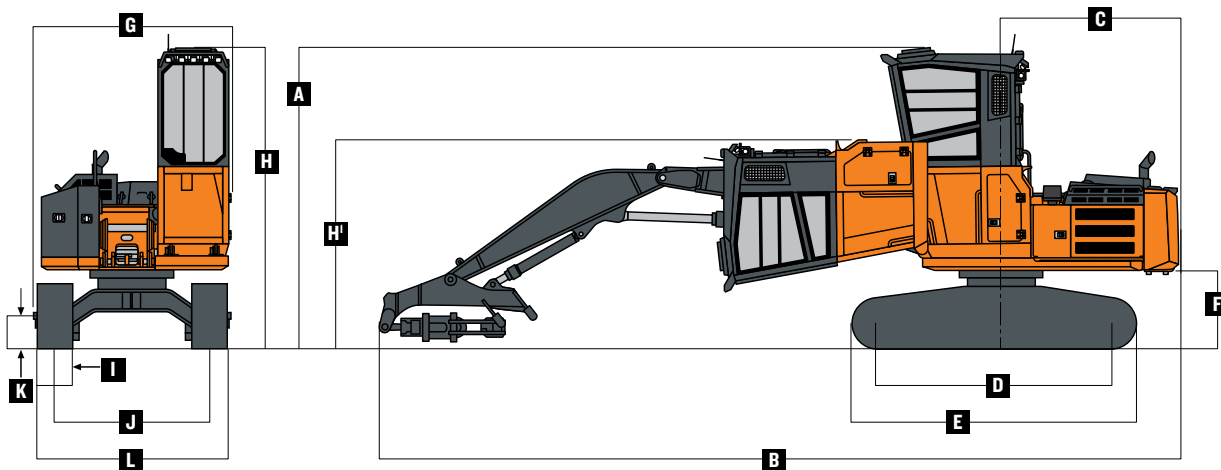


Machine Dimensions	ZX260F-6 VIH Log Loader	ZX260F-6 Live-Heel Log Loader
A Height (side-entry cab)	3.84 m (12 ft. 7 in.)	3.84 m (12 ft. 7 in.)
A Height (rear-entry cab)	3.76 m (12 ft. 4 in.)	3.76 m (12 ft. 4 in.)
B Overall Length	14.25 m (46 ft. 9 in.)	14.15 m (46 ft. 5 in.)
C Rear-End Length / Swing Radius	3.15 m (10 ft. 4 in.)	3.15 m (10 ft. 4 in.)
D Distance Between Idler / Sprocket Centerline	4.06 m (13 ft. 4 in.)	4.06 m (13 ft. 4 in.)
E Undercarriage Length	5.03 m (16 ft. 6 in.)	5.03 m (16 ft. 6 in.)
F Counterweight Clearance	1.45 m (4 ft. 9 in.)	1.45 m (4 ft. 9 in.)
G Upperstructure Width	3.38 m (11 ft. 1 in.)	3.38 m (11 ft. 1 in.)
H Cab Height (side-entry cab)	3.84 m (12 ft. 7 in.)	3.84 m (12 ft. 7 in.)
H Cab Height (rear-entry cab)	5.18 m (17 ft.)	5.18 m (17 ft.)
H' Tilted Cab Height (rear-entry cab)	3.76 m (12 ft. 4 in.)	3.76 m (12 ft. 4 in.)
I Track 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.)
J Center of Sprocket to Center of Sprocket	2.79 m (9 ft. 2 in.)	2.79 m (9 ft. 2 in.)
K Ground Clearance	0.76 m (30 in.)	0.76 m (30 in.)
L Undercarriage Width		
660-mm (26 in.) Double-Grouser Shoes	3.45 m (11 ft. 4 in.)	3.45 m (11 ft. 4 in.)
700-mm (28-in) Double-Grouser Shoes	w/2.79-m (9 ft. 2 in.) undercarriage	w/2.79-m (9 ft. 2 in.) undercarriage
700-mm (28-in) Double-Grouser Shoes	3.51 m (11 ft. 6 in.)	3.51 m (11 ft. 6 in.)
700-mm (28-in) Double-Grouser Shoes	w/2.79-m (9 ft. 2 in.) undercarriage	w/2.79-m (9 ft. 2 in.) undercarriage

ZX260F-6 VIH Log Loader



ZX260F-6 Live-Heel Log Loader



ZX260F-6

Lift Capacity ZX260F-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	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 2.79-m (9 ft. 2 in.) undercarriage and 700-mm (28 in.) shoes; bare pin										
12.2 m (40 ft.)	17 930	17 930								
	(39,530)	(39,530)								
10.7 m (35 ft.)			11 400	11 400	10 070	9810				
			(25,130)	(25,130)	(22,190)	(21,630)				
9.1 m (30 ft.)			10 570	10 570	9260	9260	8410	6960		
			(23,290)	(23,290)	(20,420)	(20,420)	(18,530)	(15,340)		
7.6 m (25 ft.)			10 570	10 570	9200	9200	8190	7080	7350	5090
			(23,300)	(23,300)	(20,270)	(20,270)	(18,050)	(15,590)	(16,200)	(11,220)
6.1 m (20 ft.)			11 370	11 370	9580	9580	8310	7000	7290	5170
			(25,060)	(25,060)	(21,120)	(21,120)	(18,320)	(15,430)	(16,060)	(11,400)
4.6 m (15 ft.)					10 280	9660	8600	6820	7330	5100
					(22,660)	(21,300)	(18,950)	(15,030)	(16,160)	(11,250)
3.1 m (10 ft.)					11 030	9190	8890	6580	7300	4990
					(24,310)	(20,260)	(19,590)	(14,500)	(16,090)	(11,000)
1.5 m (5 ft.)					11 430	8740	8960	6340	7170	4870
					(25,190)	(19,260)	(19,750)	(13,980)	(15,800)	(10,740)
Ground Line					11 120	8420	8590	6170	6620	4790
					(24,510)	(18,560)	(18,940)	(13,590)	(14,580)	(10,550)
-1.5 m (-5 ft.)			12 960	12 610	9900	8270	7560	6080	5370	4770
			(28,570)	(27,800)	(21,810)	(18,230)	(16,660)	(13,400)	(11,830)	(10,510)
-3.1 m (-10 ft.)			9630	9630	7600	7600	5550	5550		
			(21,220)	(21,220)	(16,750)	(16,750)	(12,230)	(12,230)		

Lift Capacity ZX260F-6 Live-Heel 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	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.)		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	Over Front	Over Side
With 2.79-m (9 ft. 2 in.) undercarriage and 700-mm (28 in.) shoes; bare pin												
12.2 m (40 ft.)	14 890	14 890	11 780	11 780								
	(32,810)	(32,810)	(25,960)	(25,960)								
10.7 m (35 ft.)			9780	9780	8480	8480	7540	6610				
			(21,560)	(21,560)	(18,680)	(18,680)	(16,610)	(14,570)				
9.1 m (30 ft.)					8010	8010	7170	6350	6490	4750		
					(17,660)	(17,660)	(15,810)	(14,000)	(14,310)	(10,480)		
7.6 m (25 ft.)					8170	8170	7160	6530	6300	4480		
					(18,000)	(18,000)	(15,770)	(14,390)	(13,890)	(9,870)		
6.1 m (20 ft.)					8630	8630	7370	6550	6370	4580	5390	3520
					(19,020)	(19,020)	(16,250)	(14,430)	(14,040)	(10,090)	(11,870)	(7,760)
4.6 m (15 ft.)					9020	9020	7760	6390	6510	4550	5370	3510
					(19,890)	(19,890)	(17,110)	(14,090)	(14,350)	(10,020)	(11,840)	(7,740)
3.1 m (10 ft.)					9730	9150	8140	6170	6630	4510	5300	3440
					(21,440)	(20,170)	(17,930)	(13,600)	(14,610)	(9,940)	(11,680)	(7,590)
1.5 m (5 ft.)					10 460	8530	8320	5910	6640	4410	5210	3360
					(23,060)	(18,790)	(18,340)	(13,020)	(14,630)	(9,730)	(11,490)	(7,400)
Ground Line					10 710	8050	8200	5720	6500	4270	4780	3280
					(23,600)	(17,750)	(18,080)	(12,610)	(14,330)	(9,410)	(10,540)	(7,240)
-1.5 m (-5 ft.)			13 670	11 860	10 030	7700	7780	5570	6170	4180	3720	3270
			(30,120)	(26,150)	(22,110)	(16,960)	(17,140)	(12,270)	(13,600)	(9,220)	(8,190)	(7,210)
-3.1 m (-10 ft.)	7490	7490	11 290	11 290	8470	8470	6720	5540	4360	4140		
	(16,510)	(16,510)	(24,880)	(24,880)	(18,670)	(18,670)	(14,810)	(12,200)	(9,620)	(9,130)		
-4.6 m (-15 ft.)			7520	7520	5800	5800	3980	3980				
			(16,570)	(16,570)	(12,790)	(12,790)	(8,780)	(8,780)				

HITACHI

[HitachiConstruction.com](https://www.HitachiConstruction.com)