

G-SERIES
SWING MACHINES

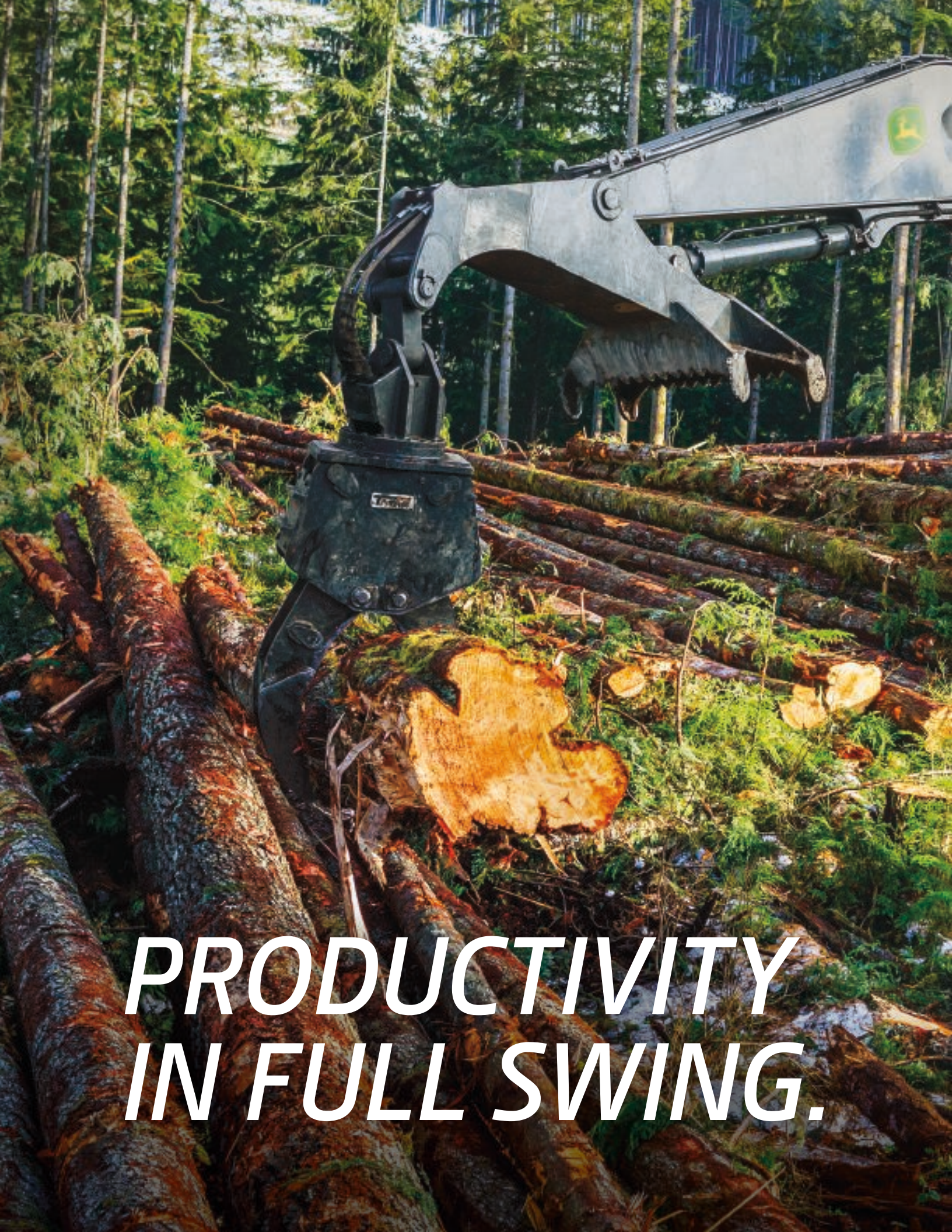


JOHN DEERE

3154G / 3156G / 3754G / 3756G



**STACK
THE DECK**



***PRODUCTIVITY
IN FULL SWING.***



Five years in the making. Backed by over a half-century of experience in the woods. To build a better swing machine, we went to you, our customer. Through our Customer Advocate Group (CAG), we collected invaluable input from loggers just like you — the ones who live it every day. Then we spent thousands of hours testing the machines until we got them exactly right.

You spoke. We listened. We responded with a major cab update that sets the standard for comfort and safety — improvements that you won't be able to imagine living without. And as always, there are a host of other proven features that help boost productivity and maximize uptime, while lowering daily operating costs. Our G-Series models will change your expectations about what a swing machine can accomplish.

RUGGED, RELIABLE, AND READY TO RUMBLE

Dishes it out. And takes it.

You never quit, and neither will your G-Series Swing Machine. Because in the forest, uptime isn't everything. It's the only thing.

Simplified electrical system

More reliable electrical architecture simplifies wiring harnesses and minimizes the number of fuses and relays needed, eliminating 30 percent of the electrical connectors found in our previous models. JDLink™ enables quick fault detection and troubleshooting.

Beefier structures

Undercarriage and mainframe are designed to deliver up to 67-percent longer life. Reinforced boom-foot base with larger pins on the 3154G and 3156G strengthens the boom connection. Bushings have been added to the boom tower and boom tip to improve joint integrity and streamline repair.

Hydraulic oil-level alarm

If the hydraulic oil level falls dangerously low, an optional alarm will provide both audible and visual alerts for you to immediately shut down the machine.

Durable cooling system

Large, higher-capacity coolers and improved airflow help reduce hydraulic operating temperature, for maximum component life. Bar-and-plate design is more durable than in-style coolers.

Hydraulic reversing fan

Variable-speed fan runs only as fast and often as conditions demand, conserving power and fuel. Optional reversing fan automatically shifts airflow to eject cooler-core debris. For more frequent cleaning, simply press the handy dash-mounted button to activate the reversing cycle.



67%

MORE DURABLE
FRAME STRUCTURE
THAN PREVIOUS MODELS



25%
MORE
SPACE
ON SIDE-ENTRY CAB
THAN PREVIOUS MODELS



Expansive visibility

Countless hours of virtual-reality studies and field-testing with loggers led to superb all-around visibility. On the log-loader rear-entry cab, floor-mounted windows and cab-forward riser option expand visibility to the tracks and working area in log-loading applications. Polycarbonate windows durably meet safety requirements.

Easy-to-read monitor

Multi-language color LCD monitor provides intuitive access to a wealth of machine data and functions.

Better access

A staircase at the rear of the machine eases cab entry and exit, for more stable footing where and when you need it. A new handrail is significantly larger than on previous models, for secure three-point contact.



FORWARD-THINKING CAB DESIGN

Truly visionary.

Designed by loggers for loggers, two cab options provide significantly more operator comfort. Forestry-excavator cab is 25-percent larger than previous models. Log-loader cab features a riser and windows in the floor, for superb visibility to the tracks and work area. Optional cab-forward riser enables additional visibility to the right.

Roomy and comfortable cab

Spacious cab boasts an additional three inches of legroom. It's isolation mounted to reduce noise and vibration while smoothing the ride in rough terrain, substantially reducing fatigue.

Effortless control

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

Creature comforts

Fatigue-beating amenities include efficient climate control, a heated/cooled seat, and ergonomic controls. A USB power port helps keep your devices charged up. Plus, there's plenty of room inside the cab to stow your stuff as well as convenient shovel and ax mounts outside.



17%

MORE LIFTING POWER WITH
LONGER TRACK FRAMES
THAN PREVIOUS MODELS



MOVE MORE WOOD

See what you can do now.

Whether you need a log loader, shovel logger, road builder, or processor/harvester, G-Series Swing Machines will help you get more done, more efficiently. Choose a 3154G/3754G Forestry Excavator or 3156G/3756G Crawler Log Loader/Processor to match your application.

Stable and able

Longer track frames on the 3754G and 3756G put more track on the ground, for more stability — and up to 17-percent more lifting power than the models they replace.

Ample illumination

Five high-intensity halogen lights are standard for when you need to extend your workday beyond daylight. Optional 14-light LED package plus service and access lights provide outstanding all-around illumination.

Productive performance

Powerful 9L diesel engine on the 3154G and 3156G delivers 30-percent more horsepower at low rpm than previous models. Next-size-up main hydraulic pump improves multifunctioning, fuel economy, and component durability.

Fully integrated processing heads

Reliable, productive Waratah heads come factory installed and ready to go. Through-nose plumbing option routes hoses up and out of harm's way to extend wear life, increasing uptime and reducing maintenance costs.





**JOHN DEERE ULTIMATE UPTIME,
JOHN DEERE FORESTSIGHT™, JDLINK™**

Maximize machine uptime. Optimize your operation.

As a logger, you always need more uptime. Fast, accurate diagnosis of machine problems. Rapid, effective service response and the right part, the first time. And closer tracking of machines and operators for maximum efficiency. John Deere forestry technology solutions are there to help you — wherever the woods take you.

Get valuable insight with

JOHN DEERE FORESTSIGHT

With a JDLink subscription, alerts can be sent to your computer or mobile device — or your Deere dealer, if you choose — to inform you of immediate machine issues. If downtime does occur, exclusive remote diagnostics and programming enable your dealer to minimize the time and cost associated with sending a technician to the logging site for an initial diagnostic visit. You can also receive reminders of periodic scheduled maintenance on your computer or mobile device, or from your dealer.

Keep downtime down with

JOHN DEERE ULTIMATE UPTIME

In addition to the base John Deere ForestSight features, our dealers work with you to build an uptime package that meets your specific needs, including customized maintenance and repair agreements, onsite parts availability, extended warranties, fluid sampling, response-time guarantees, and more.



Remote diagnostics

When your swing machine is equipped with JDLink, fast, accurate remote diagnostics and rapid service response with the right part the first time, industry-leading parts availability, and dealer support are always within easy reach.

SIMPLE TO SERVICE.

See the light

With the LED light option, illumination in all service compartments means you won't have to fumble around for a flashlight before dawn or after dark.

Wide-open access

Larger service bays make it easier to reach components, helping confirm daily checks and preventative maintenance get done effortlessly and on schedule.

Tilt-down panel

Right-side service panel tilts down to provide a stable platform for accessing daily and periodic-maintenance items. It also provides fast, convenient access to filters, diesel exhaust fluid (DEF), hydraulic oil-fill locations, and other common service points.

Quick and easy maintenance

Hinged A/C condenser swings out and engine-compartment screen can be quickly removed, easing cleanout of debris. Fuel-shutoff valve eliminates leaks, for fast fuel filter changes with less mess. Plus a precleaner for the engine air intake extends filter life, further reducing service time.

Impressive fuel economy

Three productivity modes allow you 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.





3154G

Engine	3154G Road Builder	
	Base engine for use in U.S., U.S. Territories, and Canada	Optional engine for use in Rest of World (ROW)
Manufacturer and Model	John Deere PowerTech™ PSS 9.0 L	John Deere PowerTech™ Plus 9.0 L
Non-Road Emission Standards	EPA Final Tier 4 (FT4)/EU Stage IV	EPA Tier 3/EU Stage IIIA
Net Rated Power (ISO 9249)	186 kW (249 hp) at 1,900 rpm	186 kW (249 hp) at 1,900 rpm
Cylinders	6	6
Engine Displacement	9.0 L (549 cu. in.)	9.0 L (549 cu. in.)
Off-Level Capacity	70% (35 deg.)	70% (35 deg.)
Aspiration	Series turbocharged, air-to-air charge-air cooler	Turbocharged, air-to-air charge-air cooler
Oil Filter, Remote Mounted	Full-flow spin-on filter	Full-flow spin-on filter
Cooling	Cool-on-demand hydraulic-driven, suction-type fan remote-mounted drive with optional reversing fan	
Powertrain	2-speed propel with automatic shift	
Maximum Travel Speed		
Low	2.7 km/h (1.7 mph)	
High	4.2 km/h (2.6 mph)	
Drawbar Pull	30 350 kgf (66,910 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		
	EPA FT4/EU Stage IV	EPA Tier 3/EU Stage IIIA
System Voltage	24 volt	24 volt
Alternator Rating	150 amp	130 amp
Lights		
Work	5 halogen: 3 cab front and 2 right-hand front log deflector standard / 14 LEDs optional	
Access (optional)	1 LED (rear right cab)	
Service	5 LEDs (compartment and engine hood)	
		5 LEDs (compartment and engine hood)
Undercarriage		
Rollers (per side)		
Carrier	2	
Track	9	
Shoes, Double Grousers (per side)	48	
Undercarriage Pitch	216 mm (8.5 in.)	



Ground Pressure	3154G Road Builder	
Undercarriage	2.69 m (8 ft. 10 in.)	2.92 m (9 ft. 7 in.)
710-mm (28 in.) Double-Grouser Shoes	65.6 kPa (9.5 psi)	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.)

Serviceability	
Refill Capacities	
Fuel Tank	1080.0 L (285.0 gal.)
Cooling System	39.7 L (10.5 gal.)
Diesel Exhaust Fluid (DEF) Tank (FT4)	43.6 L (11.5 gal.)
Engine Crankcase (including filter)	27.0 L (28.5 qt.)
Hydraulic Tank Oil	195.0 L (52.0 gal.)

Operating Weights
 With full fuel tank, 79-kg (175 lb.) operator, side-entry forestry cab, 5538-kg (12,206 lb.) standard counterweight, 710-mm (28 in.) double-grouser shoes, and 2.69-m (8 ft. 10 in.) undercarriage; no attachment included

	<i>EPA FT4/EU Stage IV</i>	<i>EPA Tier 3/EU Stage IIIA</i>
SAE Operating Weight	38 494 kg (84,865 lb.)	38 267 kg (84,365 lb.)

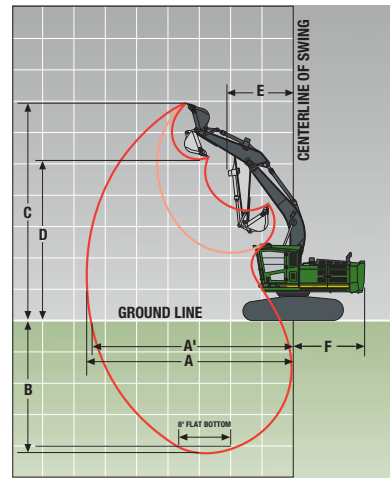
Optional Components (add weight)	
Rear-Entry Cab	671 kg (1,480 lb.)
Cab Forward	739 kg (1,630 lb.)
Heavy Counterweight	1020 kg (2,249 lb.)
2.92-m (9 ft. 7 in.) Undercarriage	678 kg (1,494 lb.)

Operating Dimensions

With 710-mm (28 in.) shoes; 5538-kg (12,206 lb.) standard counterweight; 3.1-m (10 ft. 2 in.) arm; 1034-kg (2,279 lb.), 1.34-m³ (1.75 cu. yd.), 1065-mm (42 in.) bucket; full fuel tank; 79-kg (175 lb.) operator; and standard equipment

A Maximum Reach	10.80 m (35 ft. 5 in.)
A' Maximum Reach at Ground Level	10.54 m (34 ft. 7 in.)
B Maximum Digging Depth	5.99 m (19 ft. 8 in.)
C Maximum Cutting Height	11.86 m (38 ft. 11 in.)
D Maximum Dumping Height	8.79 m (28 ft. 10 in.)
E Minimum Swing Radius	2.69 m (8 ft. 10 in.)
F Tail Swing Radius	3.68 m (12 ft. 1 in.)

3154G Road Builder

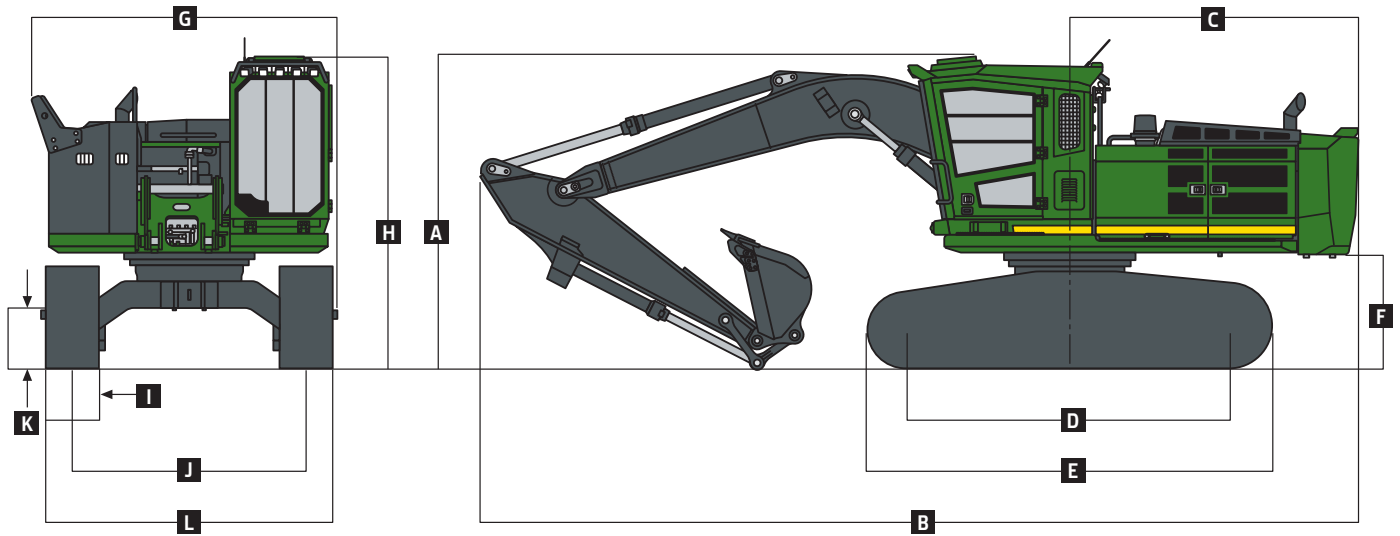


Machine not exactly as shown. Illustrations for dimensioning purposes only.

3154G

Machine Dimensions	3154G Road Builder	
	2.69-m (8 ft. 10 in.) Undercarriage	2.92-m (9 ft. 7 in.) Undercarriage
A Machine Transport Height		
Side-Entry Cab	3.84 m (12 ft. 7 in.)	3.86 m (12 ft. 8 in.)
Rear-Entry Cab	3.68 m (12 ft. 1 in.)	3.71 m (12 ft. 2 in.)
B Overall Length	11.15 m (36 ft. 7 in.)	11.15 m (36 ft. 7 in.)
C Rear-End Length / Swing Radius	3.61 m (11 ft. 10 in.)	3.61 m (11 ft. 10 in.)
D Distance Between Idler / Sprocket Centerline	4.06 m (13 ft. 4 in.)	4.06 m (13 ft. 4 in.)
E Undercarriage Length	5.00 m (16 ft. 5 in.)	5.00 m (16 ft. 5 in.)
F Counterweight Clearance	1.47 m (4 ft. 10 in.)	1.50 m (4 ft. 11 in.)
G Upperstructure Width	3.48 m (11 ft. 5 in.)	3.48 m (11 ft. 5 in.)
H Cab Operating Height		
Side-Entry Cab	3.84 m (12 ft. 7 in.)	3.86 m (12 ft. 8 in.)
Rear-Entry Cab	5.18 m (17 ft. 0 in.)	5.21 m (17 ft. 1 in.)
I Track Width with 710-mm (28 in.) Double-Grouser Shoes	0.71 m (28 in.)	0.71 m (28 in.)
J Center of Sprocket to Center of Sprocket	2.69 m (8 ft. 10 in.)	2.92 m (9 ft. 7 in.)
K Ground Clearance	0.76 m (30 in.)	0.79 m (31 in.)
L Undercarriage Width with 710-mm (28 in.) Double-Grouser Shoes	3.40 m (11 ft. 2 in.)	3.63 m (11 ft. 11 in.)

3154G Road Builder



Attachment weight is not included when calculating the lift capacities.

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.

Lift Capacity — 3154G Road Builder with 2.69-m (8 ft. 10 in.) undercarriage, 710-mm (28 in.) shoes, and standard counterweight; bare pin										
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.)	
	Over Front	Over Side	Over Front	Over Side	Over Front	Over Side	Over Front	Over Side	Over Front	Over Side
7.6 m (25 ft.)					6930 (15,260)	6930 (15,260)				
6.1 m (20 ft.)			8280 (18,250)	8280 (18,250)	7350 (16,200)	7350 (16,200)	6850 (15,090)	6850 (15,090)		
4.6 m (15 ft.)	15 500 (34,150)	15 500 (34,150)	10 320 (22,740)	10 320 (22,740)	8280 (18,240)	8280 (18,240)	7230 (15,940)	7230 (15,940)		
3.1 m (10 ft.)			12 760 (28,110)	12 760 (28,110)	9410 (20,740)	9410 (20,740)	7780 (17,140)	7780 (17,140)	6860 (15,120)	5980 (13,190)
1.5 m (5 ft.)			14 410 (31,760)	14 410 (31,760)	10 360 (22,830)	10 260 (22,600)	8270 (18,230)	7560 (16,670)	6990 (15,410)	5890 (12,980)
Ground Line	21 140 (46,600)	21 140 (46,600)	14 790 (32,600)	14 790 (32,600)	10 810 (23,830)	10 000 (22,040)	8510 (18,750)	7410 (16,340)		
-1.5 m (-5 ft.)	19 670 (43,360)	19 670 (43,360)	14 180 (31,260)	14 180 (31,260)	10 620 (23,410)	9910 (21,850)	8260 (18,210)	7370 (16,240)		
-3.1 m (-10 ft.)	16 960 (37,370)	16 960 (37,370)	12 610 (27,800)	12 610 (27,800)	9570 (21,090)	9570 (21,090)				
Lift Capacity — 3154G Road Builder with 2.92-m (9 ft. 7 in.) undercarriage, 710-mm (28 in.) shoes, and standard counterweight; bare pin										
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.)	
	Over Front	Over Side	Over Front	Over Side	Over Front	Over Side	Over Front	Over Side	Over Front	Over Side
7.6 m (25 ft.)					6930 (15,260)	6930 (15,260)				
6.1 m (20 ft.)			8280 (18,250)	8280 (18,250)	7350 (16,200)	7350 (16,200)	6850 (15,090)	6850 (15,090)		
4.6 m (15 ft.)	15 500 (34,150)	15 500 (34,150)	10 320 (22,740)	10 320 (22,740)	8280 (18,240)	8280 (18,240)	7230 (15,940)	7230 (15,940)		
3.1 m (10 ft.)			12 760 (28,110)	12 760 (28,110)	9410 (20,740)	9410 (20,740)	7780 (17,140)	7780 (17,140)	6860 (15,120)	6510 (14,350)
1.5 m (5 ft.)			14 410 (31,760)	14 410 (31,760)	10 360 (22,830)	10 360 (22,830)	8270 (18,230)	8250 (18,190)	6990 (15,410)	6420 (14,140)
Ground Line	21 140 (46,600)	21 140 (46,600)	14 790 (32,600)	14 790 (32,600)	10 810 (23,830)	10 810 (23,830)	8510 (18,750)	8100 (17,850)		
-1.5 m (-5 ft.)	19 670 (43,360)	19 670 (43,360)	14 180 (31,260)	14 180 (31,260)	10 620 (23,410)	10 620 (23,410)	8260 (18,210)	8050 (17,750)		
-3.1 m (-10 ft.)	16 960 (37,370)	16 960 (37,370)	12 610 (27,800)	12 610 (27,800)	9570 (21,090)	9570 (21,090)				

3156G

Engine	3156G Processor / Valve-in-Head (VIH) Log Loader / Live-Heel Log Loader		
	Base engine for use in U.S., U.S. Territories, and Canada	Optional engine for use in Rest of World (ROW)	
Manufacturer and Model	John Deere PowerTech™ PSS 9.0 L	John Deere PowerTech™ Plus 9.0 L	
Non-Road Emission Standards	EPA Final Tier 4 (FT4)/EU Stage IV	EPA Tier 3/EU Stage IIIA	
Net Rated Power (ISO 9249)	186 kW (249 hp) at 1,900 rpm	186 kW (249 hp) at 1,900 rpm	
Cylinders	6	6	
Engine Displacement	9.0 L (549 cu. in.)	9.0 L (549 cu. in.)	
Off-Level Capacity	70% (35 deg.)	70% (35 deg.)	
Aspiration	Series turbocharged, air-to-air charge-air cooler	Turbocharged, air-to-air charge-air cooler	
Oil Filter, Remote Mounted	Full-flow spin-on filter	Full-flow spin-on filter	
Cooling			
Fan Drive	Cool-on-demand hydraulic-driven, suction-type fan remote-mounted drive with optional reversing fan		
Powertrain			
2-speed propel with automatic shift			
Maximum Travel Speed			
Low	2.7 km/h (1.7 mph)		
High	4.2 km/h (2.6 mph)		
Drawbar Pull	30 350 kgf (66,910 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			
	EPA FT4/EU Stage IV	EPA Tier 3/EU Stage IIIA	
System Voltage	24 volt	24 volt	
Alternator Rating	150 amp	130 amp	
Lights			
Work	5 halogen: 3 cab front and 2 right-hand front log deflector standard / 14 LEDs optional		
Access (optional)	1 LED (rear right cab)		1 LED (rear right cab)
Service	5 LEDs (compartment and engine hood)		5 LEDs (compartment and engine hood)
Undercarriage			
Rollers (per side)			
Carrier	2		
Track	9		
Shoes, Double Grousers (per side)	48		
Undercarriage Pitch	216 mm (8.5 in.)		
Ground Pressure	3156G Processor	3156G VIH Log Loader	3156G Live-Heel Log Loader
Undercarriage	2.92 m (9 ft. 7 in.)	2.92 m (9 ft. 7 in.)	2.92 m (9 ft. 7 in.)
710-mm (28 in.) Double-Grouser Shoes	74.9 kPa (10.9 psi)	72.4 kPa (10.5 psi)	72.2 kPa (10.5 psi)
Swing Mechanism	3156G Processor / VIH Log Loader / Live-Heel Log Loader		
Swing Speed	8.7 rpm		
Swing Torque	120 000 Nm (88,507 lb.-ft.)		



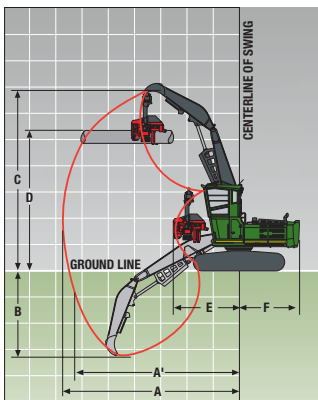
Operator's Station		3156G Processor / VIH Log Loader / Live-Heel Log Loader					
Operator Height from Ground (eye level)							
Side-Entry Forestry Cab	3125 mm (10 ft. 3 in.)						
Rear-Entry Log Loader Cab	4471 mm (14 ft. 8 in.)						
Serviceability							
Refill Capacities							
Fuel Tank	1080.0 L (285.0 gal.)						
Cooling System	39.7 L (10.5 gal.)						
Diesel Exhaust Fluid (DEF) Tank (FT4)	43.6 L (11.5 gal.)						
Engine Crankcase (including filter)	27.0 L (28.5 qt.)						
Hydraulic Tank Oil	195.0 L (52.0 gal.)						
Operating Weights		3156G Processor		3156G VIH Log Loader		3156G Live-Heel Log Loader	
With full fuel tank, 79-kg (175 lb.) operator, rear-entry forestry cab, 6558-kg (14,458 lb.) heavy counterweight, 710-mm (28 in.) double-grouser shoes, and 2.92-m (9 ft. 7 in.) undercarriage; no attachment included							
	EPA FT4/ EU Stage IV	EPA Tier 3/ EU Stage IIIA	EPA FT4/ EU Stage IV	EPA Tier 3/ EU Stage IIIA	EPA FT4/ EU Stage IV	EPA Tier 3/ EU Stage IIIA	
SAE Operating Weight	42 579 kg (93,870 lb.)	42 352 kg (93,370 lb.)	42 352 kg (93,371 lb.)	42 126 kg (92,871 lb.)	43 429 kg (95,745 lb.)	43 202 kg (95,245 lb.)	
Optional Components (add weight)							
Side-Entry Cab	-671 kg (-1,480 lb.)	-671 kg (-1,480 lb.)	-671 kg (-1,480 lb.)	-671 kg (-1,480 lb.)	-671 kg (-1,480 lb.)	-671 kg (-1,480 lb.)	
Rear-Entry Cab – Cab Forward	68 kg (150 lb.)	68 kg (150 lb.)	68 kg (150 lb.)	68 kg (150 lb.)	68 kg (150 lb.)	68 kg (150 lb.)	
Operating Dimensions							
With 710-mm (28 in.) shoes, 6558-kg (14,458 lb.) heavy counterweight, full fuel tank, 79-kg (175 lb.) operator, and standard equipment							
	4.56-m (14 ft. 11 in.) Processor Arm		4.56-m (14 ft. 11 in.) VIH Log Loader Arm		4.56-m (14 ft. 11 in.) Live-Heel Log Loader Arm		
A	11.07 m (36 ft. 4 in.)		11.13 m (36 ft. 6 in.)		12.55 m (41 ft. 2 in.)		
A'	10.82 m (35 ft. 6 in.)		10.90 m (35 ft. 9 in.)		12.34 m (40 ft. 6 in.)		
B	3.05 m (10 ft. 0 in.)		3.02 m (9 ft. 11 in.)		4.45 m (14 ft. 7 in.)		
C	13.00 m (42 ft. 8 in.)		13.13 m (43 ft. 1 in.)		14.53 m (47 ft. 8 in.)		
D	10.06 m (33 ft. 0 in.)		8.97 m (29 ft. 5 in.)*		9.25 m (30 ft. 4 in.) [†]		
D'	N/A		N/A		10.19 m (33 ft. 5 in.) [‡]		
E	4.57 m (15 ft. 0 in.)		5.03 m (16 ft. 6 in.)		4.57 m (15 ft. 0 in.)		
F	3.71 m (12 ft. 2 in.)		3.71 m (12 ft. 2 in.)		3.71 m (12 ft. 2 in.)		

*Attachment dependent.

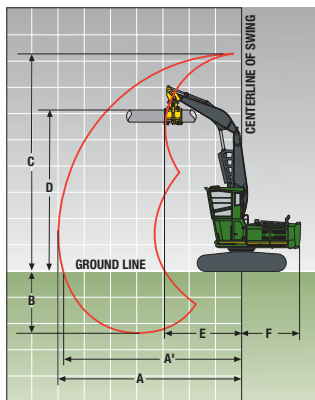
[†]Log resting on heel rack rear plate, attachment dependent.

[‡]Log resting on heel rack front plate, attachment dependent.

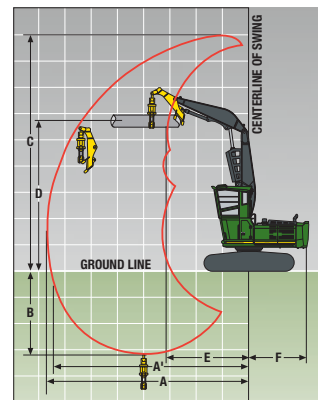
3156G Processor



3156G VIH



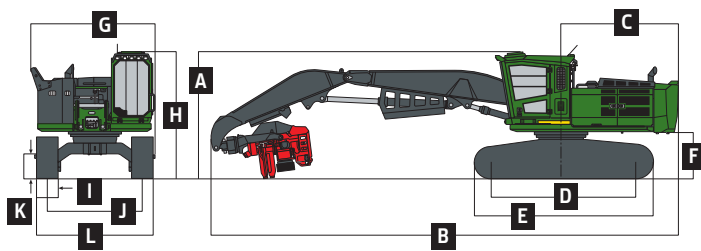
3156G Live Heel



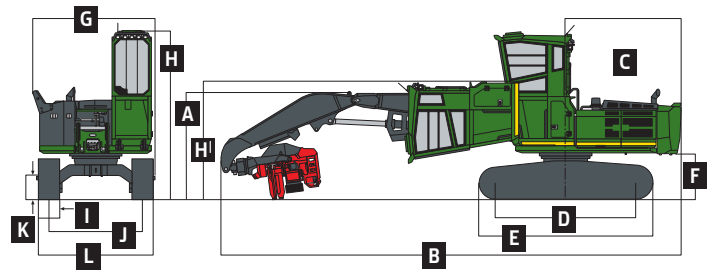
3156G

Machine Dimensions	3156G Processor	3156G VIH Log Loader	3156G Live-Heel Log Loader
A Machine Transport 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.)
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 Overall Length	14.81 m (48 ft. 7 in.)	15.39 m (50 ft. 6 in.)	15.52 m (50 ft. 11 in.)
C 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.)
D 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.)
E Undercarriage Length	5.00 m (16 ft. 5 in.)	5.00 m (16 ft. 5 in.)	5.00 m (16 ft. 5 in.)
F Counterweight Clearance	1.50 m (4 ft. 11 in.)	1.50 m (4 ft. 11 in.)	1.50 m (4 ft. 11 in.)
G Upperstructure Width	3.48 m (11 ft. 5 in.)	3.48 m (11 ft. 5 in.)	3.48 m (11 ft. 5 in.)
H Cab Operating 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.)
Rear-Entry Cab	5.21 m (17 ft. 1 in.)	5.21 m (17 ft. 1 in.)	5.21 m (17 ft. 1 in.)
H^I 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.)
I Track Width with 710-mm (28 in.) Double-Grouser Shoes	0.71 m (28 in.)	0.71 m (28 in.)	0.71 m (28 in.)
J 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.)
K Ground Clearance	0.79 m (31 in.)	0.79 m (31 in.)	0.79 m (31 in.)
L Undercarriage Width with 710-mm (28 in.) Double-Grouser Shoes	3.63 m (11 ft. 11 in.)	3.63 m (11 ft. 11 in.)	3.63 m (11 ft. 11 in.)

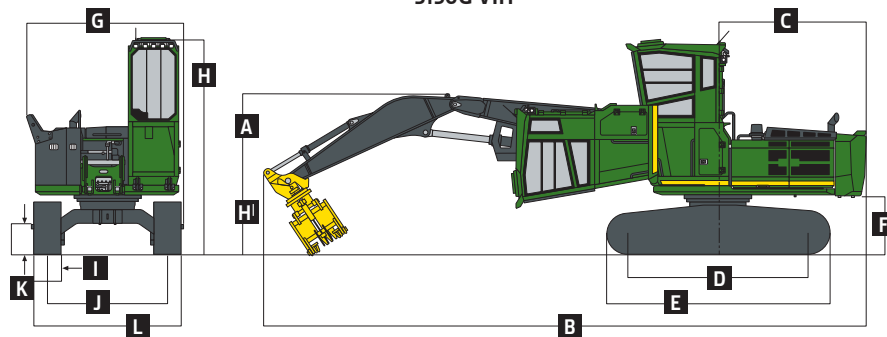
3156G Processor – Side-Entry Cab



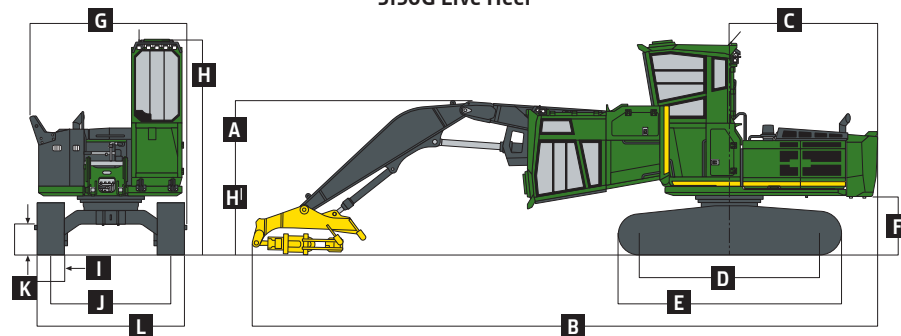
3156G Processor – Rear-Entry Cab



3156G VIH



3156G Live Heel



Specifications are subject to change without notice.

Machine not exactly as shown. Illustrations for dimensioning purposes only.

Attachment weight is not included when calculating the lift capacities. 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.

3156G

Lift Capacity — 3156G Processor with 2.92-m (9 ft. 7 in.) undercarriage, 710-mm (28 in.) shoes, and heavy counterweight; bare pin

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

Lift Capacity — 3156G VIH Log Loader with 2.92-m (9 ft. 7 in.) undercarriage, 710-mm (28 in.) shoes, and heavy counterweight; bare pin

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

Lift Capacity — 3156G Live-Heel Log Loader with 2.92-m (9 ft. 7 in.) undercarriage, 710-mm (28 in.) shoes, and heavy counterweight; bare pin

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

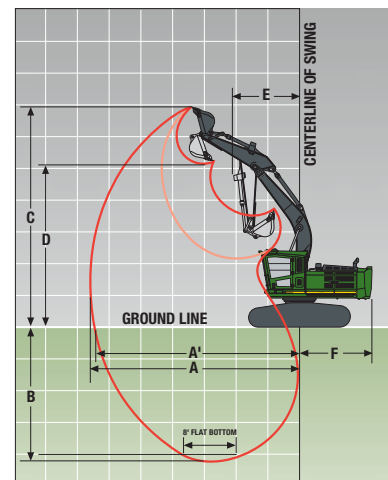
3754G

Engine	3754G Road Builder	
	Base engine for use in U.S., U.S. Territories, and Canada	Optional engine for use in Rest of World (ROW)
Manufacturer and Model	John Deere PowerTech™ PSS 9.0 L	John Deere PowerTech™ Plus 9.0 L
Non-Road Emission Standards	EPA Final Tier 4 (FT4)/EU Stage IV	EPA Tier 3/EU Stage IIIA
Net Rated Power (ISO 9249)	202 kW (271 hp) at 1,900 rpm	202 kW (271 hp) at 1,900 rpm
Cylinders	6	6
Engine Displacement	9.0 L (549 cu. in.)	9.0 L (549 cu. in.)
Off-Level Capacity	70% (35 deg.)	70% (35 deg.)
Aspiration	Series turbocharged, air-to-air charge-air cooler	Turbocharged, air-to-air charge-air cooler
Oil Filter, Remote Mounted	Full-flow spin-on filter	Full-flow spin-on filter
Cooling	Cool-on-demand hydraulic-driven, suction-type fan remote-mounted drive with optional reversing fan	
Powertrain	2-speed propel with automatic shift	
Maximum Travel Speed		
Low	3.1 km/h (1.9 mph)	
High	4.5 km/h (2.8 mph)	
Drawbar Pull	36 102 kgf (79,590 lbf)	
Hydraulics	Open center, pilot operated	
Main Pumps	2 variable-displacement pumps	
Maximum Rated Flow x 2	304 L/m (80.3 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 with shutoff lever	
Electrical	EPA FT4/EU Stage IV	
System Voltage	24 volt	
Alternator Rating	150 amp	
Lights		
Work	5 halogen: 3 cab front and 2 right-hand front log deflector standard / 14 LEDs optional	
Access (optional)	1 LED (rear right cab)	
Service	5 LEDs (compartment and engine hood)	
Undercarriage	Standard	
Rollers (per side)	Optional LC	
Carrier	2	
Track	8	
Shoes, Double Grousers (per side)	49	
Undercarriage Pitch	216 mm (8.5 in.)	



Ground Pressure	3754G Road Builder	
710-mm (28 in.) Double-Grouser Shoes	67.6 kPa (9.8 psi)	
Swing Mechanism		
Swing Speed	11.0 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. 2 in.)	
Serviceability		
Refill Capacities		
Fuel Tank	1080.0 L (285.0 gal.)	
Cooling System	39.7 L (10.5 gal.)	
Diesel Exhaust Fluid (DEF) Tank (FT4)	43.6 L (11.5 gal.)	
Engine Crankcase (including filter)	27.0 L (28.5 qt.)	
Hydraulic Tank Oil	195.0 L (52.0 gal.)	
Operating Weights		
With full fuel tank, 79-kg (175 lb.) operator, side-entry forestry cab, 5538-kg (12,206 lb.) standard counterweight, 710-mm (28 in.) double-grouser shoes, and 2.92-m (9 ft. 7 in.) undercarriage; no attachment included		
SAE Operating Weight	EPA FT4/EU Stage IV 43 143 kg (95,114 lb.)	EPA Tier 3/EU Stage IIIA 42 916 kg (94,614 lb.)
Optional Components (add weight)		
Rear-Entry Cab	671 kg (1,480 lb.)	671 kg (1,480 lb.)
Heavy Counterweight	2437 kg (5,373 lb.)	2437 kg (5,373 lb.)
LC Undercarriage	716 kg (1,578 lb.)	716 kg (1,578 lb.)
Operating Dimensions		
With 710-mm (28 in.) shoes; 5538-kg (12,206 lb.) standard counterweight; 3.2-m (10 ft. 6 in.) arm; 1160-kg (2,557 lb.), 1.76-m ³ (2.3 cu. yd.), 1370-mm (54 in.) bucket; full fuel tank; 79-kg (175 lb.) operator; and standard equipment		
A Maximum Reach	11.05 m (36 ft. 3 in.)	
A' Maximum Reach at Ground Level	10.80 m (35 ft. 5 in.)	
B Maximum Digging Depth	7.14 m (23 ft. 5 in.)	
C Maximum Cutting Height	10.52 m (34 ft. 6 in.)	
D Maximum Dumping/Log-Level Height	7.62 m (25 ft. 0 in.)	
E Minimum Swing Radius	4.45 m (14 ft. 7 in.)	
F Tail Swing Radius	3.68 m (12 ft. 1 in.)	

3754G Road Builder

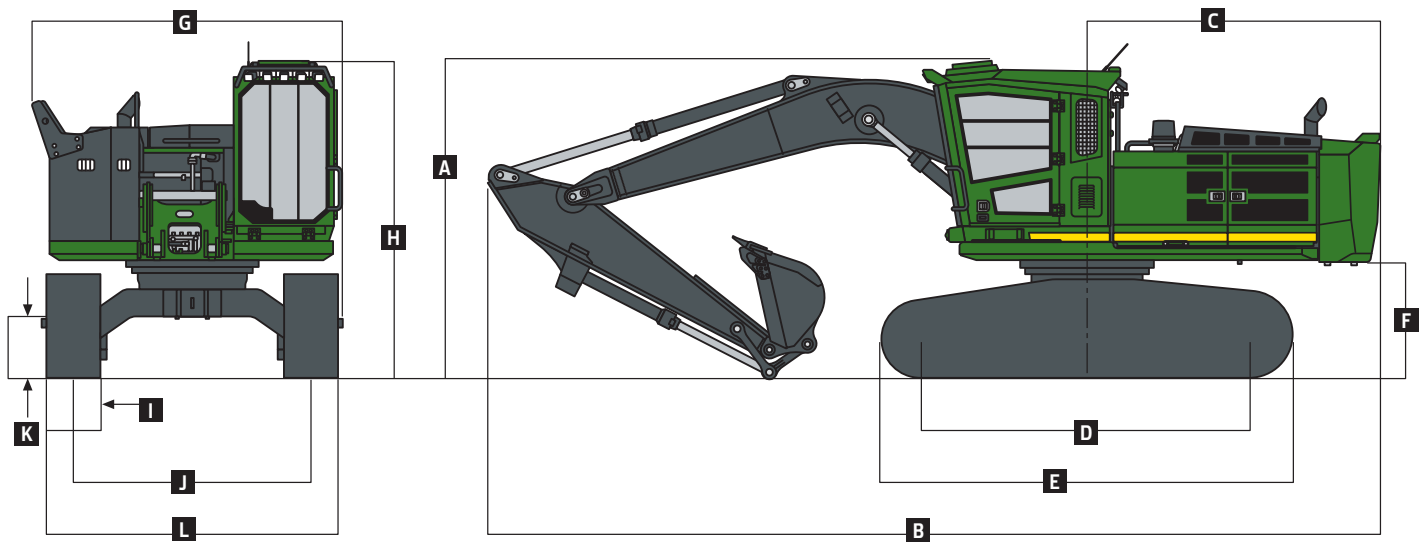


Machine not exactly as shown. Illustrations for dimensioning purposes only.

3754G

Machine Dimensions	3754G Road Builder	
Undercarriage	Standard	Optional LC
A Machine Transport Height		
Side-Entry Cab	3.81 m (12 ft. 6 in.)	3.81 m (12 ft. 6 in.)
Rear-Entry Cab	3.68 m (12 ft. 1 in.)	3.68 m (12 ft. 1 in.)
B Overall Length	11.15 m (36 ft. 7 in.)	11.15 m (36 ft. 7 in.)
C Rear-End Length / Swing Radius	3.61 m (11 ft. 10 in.)	3.61 m (11 ft. 10 in.)
D Distance Between Idler / Sprocket Centerline	4.04 m (13 ft. 3 in.)	4.47 m (14 ft. 8 in.)
E Undercarriage Length	4.95 m (16 ft. 3 in.)	5.46 m (17 ft. 11 in.)
F Counterweight Clearance	1.45 m (4 ft. 9 in.)	1.45 m (4 ft. 9 in.)
G Upperstructure Width	3.48 m (11 ft. 5 in.)	3.48 m (11 ft. 5 in.)
H Cab Operating Height		
Side-Entry Cab	3.81 m (12 ft. 6 in.)	3.81 m (12 ft. 6 in.)
Rear-Entry Cab	5.18 m (17 ft. 0 in.)	5.18 m (17 ft. 0 in.)
I Track Width with 710-mm (28 in.) Double-Grouser Shoes	0.71 m (28 in.)	0.71 m (28 in.)
J Center of Sprocket to Center of Sprocket (gauge width)	2.92 m (9 ft. 7 in.)	2.92 m (9 ft. 7 in.)
K Ground Clearance	0.74 m (29 in.)	0.74 m (29 in.)
L Undercarriage Width with 710-mm (28 in.) Double-Grouser Shoes	3.63 m (11 ft. 11 in.)	3.63 m (11 ft. 11 in.)

3754G Road Builder



Attachment weight is not included when calculating the lift capacities.

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.

Lift Capacity — 3754G Road Builder with 2.92-m (9 ft. 7 in.) undercarriage, 710-mm (28 in.) shoes, and standard counterweight; bare pin												
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.)		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	Over Front	Over Side
7.6 m (25 ft.)									8270	8270		
									(18,220)	(18,220)		
6.1 m (20 ft.)									8340	8340		
									(18,380)	(18,380)		
4.6 m (15 ft.)					12 810	12 810	10 210	10 210	8900	8900	8240	6950
					(28,220)	(28,220)	(22,510)	(22,510)	(19,610)	(19,610)	(18,160)	(15,330)
3.1 m (10 ft.)					15 860	15 860	11 670	11 670	9630	8920	8490	6820
					(34,960)	(34,960)	(25,710)	(25,710)	(21,220)	(19,670)	(18,710)	(15,040)
1.5 m (5 ft.)					17 880	17 790	12 870	11 750	10 290	8620	8740	6680
					(39,410)	(39,220)	(28,360)	(25,910)	(22,670)	(19,000)	(19,260)	(14,730)
Ground Line			26 160	26 160	18 380	17 390	13 470	11 420	10 640	8420		
			(57,650)	(57,650)	(40,510)	(38,320)	(29,700)	(25,170)	(23,450)	(18,550)		
-1.5 m (-5 ft.)	31 890	31 890	24 600	24 600	17 740	17 350	13 330	11 310	10 450	8350		
	(70,280)	(70,280)	(54,210)	(54,210)	(39,100)	(38,240)	(29,380)	(24,930)	(23,040)	(18,410)		
-3.1 m (-10 ft.)	31 490	31 490	21 620	21 620	16 030	16 030	12 230	11 410	9200	8490		
	(69,400)	(69,400)	(47,640)	(47,640)	(35,330)	(35,330)	(26,960)	(25,150)	(20,280)	(18,700)		
-4.6 m (-15 ft.)			16 620	16 620	12 720	12 720	9320	9320				
			(36,630)	(36,630)	(28,030)	(28,030)	(20,530)	(20,530)				

Lift Capacity — 3754G Road Builder with 2.92-m (9 ft. 7 in.) LC undercarriage, 710-mm (28 in.) shoes, and standard counterweight; bare pin												
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.)		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	Over Front	Over Side
7.6 m (25 ft.)									8270	8270		
									(18,220)	(18,220)		
6.1 m (20 ft.)									8340	8340		
									(18,380)	(18,380)		
4.6 m (15 ft.)					12 810	12 810	10 210	10 210	8900	8900	8240	7340
					(28,220)	(28,220)	(22,510)	(22,510)	(19,610)	(19,610)	(18,160)	(16,180)
3.1 m (10 ft.)					15 860	15 860	11 670	11 670	9630	9410	8490	7210
					(34,960)	(34,960)	(25,710)	(25,710)	(21,220)	(20,730)	(18,710)	(15,890)
1.5 m (5 ft.)					17 880	17 880	12 870	12 400	10 290	9110	8740	7070
					(39,410)	(39,410)	(28,360)	(27,340)	(22,670)	(20,070)	(19,260)	(15,590)
Ground Line			26 160	26 160	18 380	18 370	13 470	12 070	10 640	8900		
			(57,650)	(57,650)	(40,510)	(40,480)	(29,700)	(26,600)	(23,450)	(19,620)		
-1.5 m (-5 ft.)	31 890	31 890	24 600	24 600	17 740	17 740	13 330	11 960	10 450	8840		
	(70,280)	(70,280)	(54,210)	(54,210)	(39,100)	(39,100)	(29,380)	(26,360)	(23,040)	(19,480)		
-3.1 m (-10 ft.)	31 490	31 490	21 620	21 620	16 030	16 030	12 230	12 060	9200	8970		
	(69,400)	(69,400)	(47,640)	(47,640)	(35,330)	(35,330)	(26,960)	(26,580)	(20,280)	(19,770)		
-4.6 m (-15 ft.)			16 620	16 620	12 720	12 720	9320	9320				
			(36,630)	(36,630)	(28,030)	(28,030)	(20,530)	(20,530)				

3756G

Engine	3756G Processor / Valve-in-Head (VIH) Log Loader / Live-Heel Log Loader	
	Base engine for use in U.S., U.S. Territories, and Canada	Optional engine for use in Rest of World (ROW)
Manufacturer and Model	John Deere PowerTech™ PSS 9.0 L	John Deere PowerTech™ Plus 9.0 L
Non-Road Emission Standards	EPA Final Tier 4 (FT4)/EU Stage IV	EPA Tier 3/EU Stage IIIA
Net Rated Power (ISO 9249)	202 kW (271 hp) at 1,900 rpm	202 kW (271 hp) at 1,900 rpm
Cylinders	6	6
Engine Displacement	9.0 L (549 cu. in.)	9.0 L (549 cu. in.)
Off-Level Capacity	70% (35 deg.)	70% (35 deg.)
Aspiration	Series turbocharged, air-to-air charge-air cooler	Turbocharged, air-to-air charge-air cooler
Oil Filter, Remote Mounted	Full-flow spin-on filter	Full-flow spin-on filter
Cooling	Cool-on-demand hydraulic-driven, suction-type fan remote-mounted drive with optional reversing fan	
Powertrain	2-speed propel with automatic shift	
Maximum Travel Speed		
Low	3.1 km/h (1.9 mph)	
High	4.5 km/h (2.8 mph)	
Drawbar Pull	36 102 kgf (79,590 lbf)	
Hydraulics	Open center, pilot operated	
Main Pumps	2 variable-displacement pumps	
Maximum Rated Flow x 2	304 L/m (80.3 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 with shutoff lever	
Electrical		
	<i>EPA FT4/EU Stage IV</i>	<i>EPA Tier 3/EU Stage IIIA</i>
System Voltage	24 volt	24 volt
Alternator Rating	150 amp	130 amp
Lights		
Work	5 halogen: 3 cab front and 2 right-hand front log deflector standard / 14 LEDs optional	
Access (optional)	1 LED (rear right cab)	
Service	5 LEDs (compartment and engine hood)	



Undercarriage		3756G Processor / VIH Log Loader / Live-Heel Log Loader				
Rollers (per side)						
Carrier	2					
Track	9					
Shoes, Double Grousers (per side)	53					
Undercarriage Pitch	216 mm (8.5 in.)					
Ground Pressure		3756G Processor	3756G VIH Log Loader	3756G Live-Heel Log Loader		
710-mm (28 in.) Double-Grouser Shoes	79.3 kPa (11.5 psi)		75.8 kPa (11.0 psi)	74.5 kPa (10.8 psi)		
Swing Mechanism		3756G Processor / VIH Log Loader / Live-Heel Log Loader				
Swing Speed	11.0 rpm					
Swing Torque						
Standard	120 000 Nm (88,507 lb.-ft.)					
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. 2 in.)					
Rear-Entry Log Loader Cab	4471 mm (14 ft. 7 in.)					
Serviceability						
Refill Capacities						
Fuel Tank	1080.0 L (285.0 gal.)					
Cooling System	39.7 L (10.5 gal.)					
Diesel Exhaust Fluid (DEF) Tank (FT4)	43.6 L (11.5 gal.)					
Engine Crankcase (including filter)	27.0 L (28.5 qt.)					
Hydraulic Tank Oil	195.0 L (52.0 gal.)					
Operating Weights		3756G Processor	3756G VIH Log Loader	3756G Live-Heel Log Loader		
With full fuel tank, 79-kg (175 lb.) operator, rear-entry log loader cab, 7975-kg (17,582 lb.) heavy counterweight, 710-mm (28 in.) double-grouser shoes, and 2.92-m (9 ft. 7 in.) LC undercarriage; no attachment included						
		<i>EPA FT4/ EU Stage IV</i>	<i>EPA Tier 3/ EU Stage IIIA</i>	<i>EPA FT4/ EU Stage IV</i>	<i>EPA Tier 3/ EU Stage IIIA / EU Stage IV</i>	<i>EPA Tier 3/ EU Stage IIIA</i>
SAE Operating Weight	48 471 kg (106,861 lb.)	48 245 kg (106,361 lb.)	48 032 kg (105,893 lb.)	47 806 kg (105,393 lb.)	48 852 kg (107,700 lb.)	48 625 kg (107,200 lb.)
Optional Components (add weight)						
Side-Entry Cab	-671 kg (-1,480 lb.)	-671 kg (-1,480 lb.)	-671 kg (-1,480 lb.)	-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.)	-716 kg (-1,578 lb.)	-716 kg (-1,578 lb.)	-716 kg (-1,578 lb.)

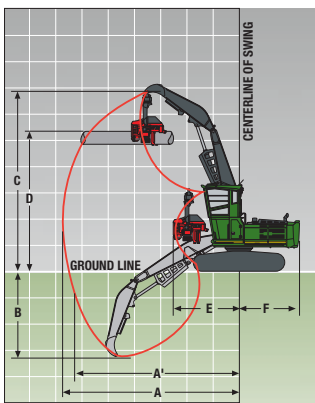
Operating Dimensions	3756G Processor	3756G VIH Log Loader	3756G Live-Heel Log Loader	
With 710-mm (28 in.) shoes, 7975-kg (17,582 lb.) heavy counterweight, full fuel tank, 79-kg (175 lb.) operator, and standard equipment				
	4.88-m (16 ft. 0 in.) Processor Arm	4.88-m (16 ft. 0 in.) VIH Log Loader Arm	4.88-m (16 ft. 0 in.) Live-Heel Log Loader Arm	
A	Maximum Reach	11.63 m (38 ft. 2 in.)	11.68 m (38 ft. 4 in.)	13.13 m (43 ft. 1 in.)
A ^l	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	Maximum Working Depth	3.94 m (12 ft. 11 in.)	3.91 m (12 ft. 10 in.)	5.31 m (17 ft. 5 in.)
C	Maximum Working Height	13.59 m (44 ft. 7 in.)	13.72 m (45 ft. 0 in.)	15.14 m (49 ft. 8 in.)
D	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.) [†]
D ^l	Maximum Log-Level Height	N/A	N/A	10.36 m (34 ft. 0 in.) [‡]
E	Minimum Swing Radius	4.90 m (16 ft. 1 in.)	4.75 m (15 ft. 7 in.)	4.78 m (15 ft. 8 in.)
F	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.

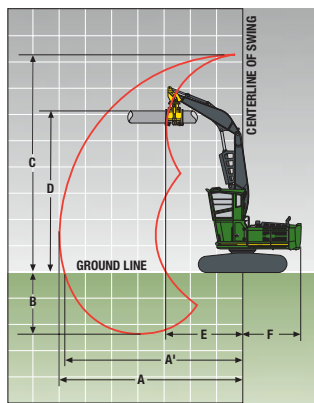
[†]Log resting on heel rack rear plate, attachment dependent.

[‡]Log resting on heel rack front plate, attachment dependent.

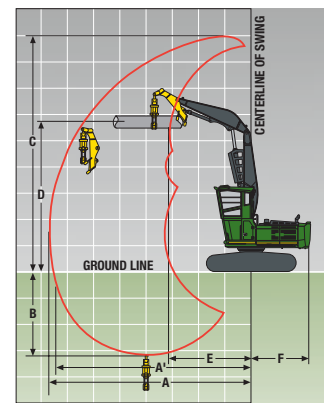
3756G Processor



3756G VIH

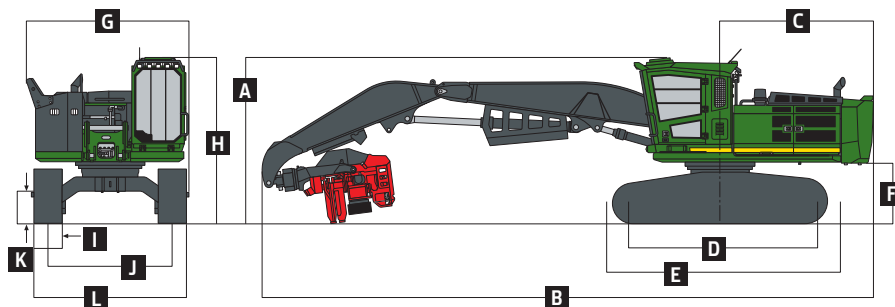


3756G Live Heel

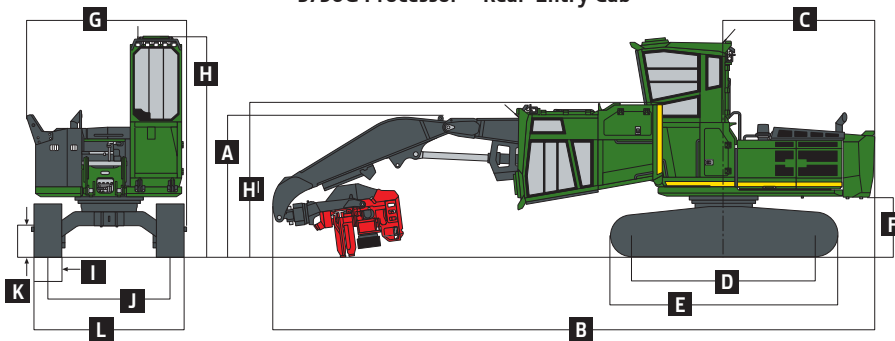


Machine Dimensions	3756G Processor	3756G VIH Log Loader	3756G Live-Heel Log Loader	
A	Machine Transport Height			
	Side-Entry Cab	3.81 m (12 ft. 6 in.)	3.81 m (12 ft. 6 in.)	
	Rear-Entry Cab	3.81 m (12 ft. 6 in.)	3.68 m (12 ft. 1 in.)	
B	Overall Length	15.37 m (50 ft. 5 in.)	15.98 m (52 ft. 5 in.)	16.59 m (54 ft. 5 in.)
C	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.)
D	Distance Between Idler / Sprocket Centerline (LC)	4.47 m (14 ft. 8 in.)	4.47 m (14 ft. 8 in.)	4.47 m (14 ft. 8 in.)
E	Undercarriage Length (LC)	5.46 m (17 ft. 11 in.)	5.46 m (17 ft. 11 in.)	5.46 m (17 ft. 11 in.)
F	Counterweight Clearance	1.47 m (4 ft. 10 in.)	1.47 m (4 ft. 10 in.)	1.47 m (4 ft. 10 in.)
G	Upperstructure Width	3.48 m (11 ft. 5 in.)	3.48 m (11 ft. 5 in.)	3.48 m (11 ft. 5 in.)
H	Cab Operating 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.)
	Rear-Entry Cab	5.18 m (17 ft. 0 in.)	5.18 m (17 ft. 0 in.)	5.18 m (17 ft. 0 in.)
H ^l	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.)
I	Track Width with 710-mm (28 in.) Double-Grouser Shoes	0.71 m (28 in.)	0.71 m (28 in.)	0.71 m (28 in.)
J	Center of Sprocket to Center of Sprocket (gauge width)	2.92 m (9 ft. 7 in.)	2.92 m (9 ft. 7 in.)	2.92 m (9 ft. 7 in.)
K	Ground Clearance	0.74 m (29 in.)	0.74 m (29 in.)	0.74 m (29 in.)
L	Undercarriage Width with 710-mm (28 in.) Double-Grouser Shoes	3.63 m (11 ft. 11 in.)	3.63 m (11 ft. 11 in.)	3.63 m (11 ft. 11 in.)

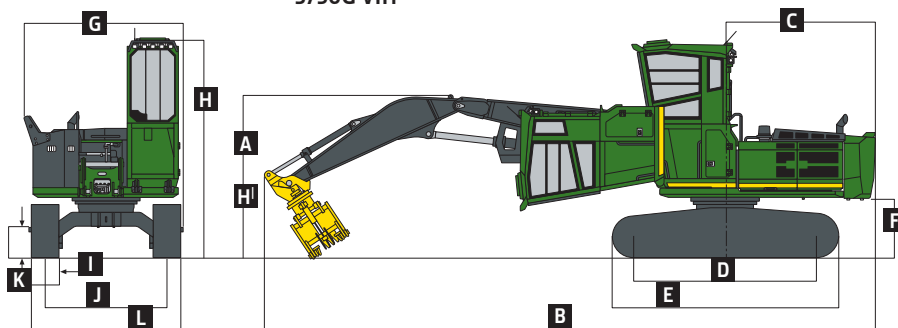
3756G Processor – Side-Entry Cab



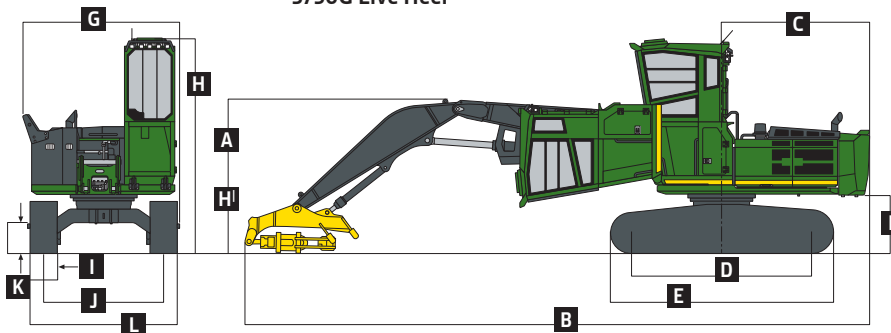
3756G Processor – Rear-Entry Cab



3756G VIH



3756G Live Heel



Attachment weight is not included when calculating the lift capacities. 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.

Lift Capacity — 3756G Processor with 2.92-m (9 ft. 7 in.) undercarriage, 710-mm (28 in.) shoes, and heavy counterweight; bare pin										
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
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)	10 400 (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 — 3756G Processor with 2.92-m (9 ft. 7 in.) LC undercarriage, 710-mm (28 in.) shoes, and heavy counterweight; bare pin										
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
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)	13 300 (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 — 3756G VIH Log Loader with 2.92-m (9 ft. 7 in.) undercarriage, 710-mm (28 in.) shoes, and heavy counterweight; bare pin										
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
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)		

Attachment weight is not included when calculating the lift capacities. 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.

Lift Capacity — 3756G VIH Log Loader with 2.92-m (9 ft. 7 in.) LC undercarriage, 710-mm (28 in.) shoes, and heavy counterweight; bare pin

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
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)	11 390 (25,100)				
9.1 m (30 ft.)			15 210 (33,530)	15 210 (33,530)	13 750 (30,310)	11 640 (25,660)	12 440 (27,410)	8550 (18,840)		
7.6 m (25 ft.)			15 500 (34,160)	15 500 (34,160)	13 800 (30,420)	11 620 (25,610)	12 450 (27,440)	8660 (19,080)		
6.1 m (20 ft.)	15 540 (34,250)	15 540 (34,250)	16 440 (36,240)	16 200 (35,710)	14 250 (31,420)	11 420 (25,170)	12 540 (27,640)	8580 (18,910)	9760 (21,520)	6660 (14,680)
4.6 m (15 ft.)	18 320 (40,390)	18 320 (40,390)	17 860 (39,360)	15 580 (34,350)	14 930 (32,900)	11 090 (24,440)	12 360 (27,230)	8410 (18,530)	9710 (21,410)	6610 (14,580)
3.1 m (10 ft.)			19 290 (42,510)	14 830 (32,690)	15 570 (34,320)	10 690 (23,560)	12 120 (26,710)	8190 (18,060)	9610 (21,170)	6520 (14,360)
1.5 m (5 ft.)			20 070 (44,240)	14 130 (31,140)	15 600 (34,380)	10 310 (22,720)	11 890 (26,200)	7980 (17,590)	9500 (20,930)	6410 (14,130)
Ground Line	26 280 (57,930)	20 770 (45,770)	19 670 (43,360)	13 630 (30,040)	15 270 (33,650)	10 010 (22,070)	11 710 (25,800)	7810 (17,220)	9420 (20,760)	6340 (13,980)
-1.5 m (-5 ft.)	23 020 (50,740)	20 470 (45,130)	17 860 (39,370)	13 380 (29,490)	14 050 (30,980)	9850 (21,710)	10 960 (24,160)	7730 (17,030)	7460 (16,430)	6350 (13,990)
-3.1 m (-10 ft.)	17 940 (39,540)	17 940 (39,540)	14 550 (32,070)	13 350 (29,430)	11 430 (25,200)	9830 (21,670)	8310 (18,310)	7760 (17,090)		

Lift Capacity — 3756G Live-Heel Log Loader with 2.92-m (9 ft. 7 in.) LC undercarriage, 710-mm (28 in.) shoes, and heavy counterweight; bare pin

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

Lift Capacity — 3756G Live-Heel Log Loader with 2.92-m (9 ft. 7 in.) LC undercarriage, 710-mm (28 in.) shoes, and heavy counterweight; bare pin

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
12.2 m (40 ft.)			15 250 (33,600)	15 160 (33,420)	12 400 (27,320)	10 900 (24,030)						
10.7 m (35 ft.)			14 080 (31,040)	14 080 (31,040)	12 750 (28,100)	10 730 (23,640)	11 250 (24,800)	8090 (17,830)				
9.1 m (30 ft.)			13 750 (30,300)	13 750 (30,300)	12 420 (27,380)	11 050 (24,350)	11 320 (24,950)	7900 (17,410)	9480 (20,900)	6340 (13,980)		
7.6 m (25 ft.)			14 020 (30,910)	14 020 (30,910)	12 660 (27,900)	11 080 (24,420)	11 300 (24,910)	8070 (17,780)	9060 (19,970)	5950 (13,110)		
6.1 m (20 ft.)			14 150 (31,190)	14 150 (31,190)	13 250 (29,200)	10 940 (24,120)	11 560 (25,480)	8040 (17,710)	9190 (20,250)	6070 (13,370)	7540 (16,610)	4960 (10,940)
4.6 m (15 ft.)			17 010 (37,480)	15 510 (34,180)	14 040 (30,940)	10 670 (23,510)	11 840 (26,100)	7870 (17,340)	9250 (20,390)	6130 (13,500)	7540 (16,610)	4960 (10,940)
3.1 m (10 ft.)			16 910 (37,270)	15 100 (33,270)	14 780 (32,580)	10 310 (22,730)	11 660 (25,700)	7700 (16,980)	9260 (20,420)	6140 (13,530)	7460 (16,440)	4900 (10,790)
1.5 m (5 ft.)			19 080 (42,050)	14 190 (31,280)	15 200 (33,510)	9950 (21,930)	11 560 (25,470)	7600 (16,760)	9120 (20,110)	6010 (13,240)	7370 (16,250)	4810 (10,600)
Ground Line	15 890 (35,030)	15 890 (35,030)	19 460 (42,900)	13 480 (29,700)	15 040 (33,150)	9720 (21,430)	11 350 (25,010)	7420 (16,350)	8960 (19,750)	5860 (12,910)	7300 (16,090)	4750 (10,460)
-1.5 m (-5 ft.)	13 760 (30,330)	13 760 (30,330)	18 730 (41,290)	12 960 (28,560)	14 580 (32,130)	9380 (20,670)	11 120 (24,500)	7210 (15,880)	8830 (19,470)	5740 (12,650)	6080 (13,410)	4730 (10,430)
-3.1 m (-10 ft.)	15 370 (33,880)	15 370 (33,880)	16 730 (36,880)	12 660 (27,910)	13 040 (28,750)	9170 (20,220)	10 150 (22,360)	7100 (15,640)	7380 (16,270)	5720 (12,600)		
-4.6 m (-15 ft.)	16 790 (37,010)	16 790 (37,010)	13 240 (29,180)	12 610 (27,800)	10 270 (22,630)	9170 (20,200)	7490 (16,510)	7120 (15,690)				



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