

G-SERIES
SWING MACHINES

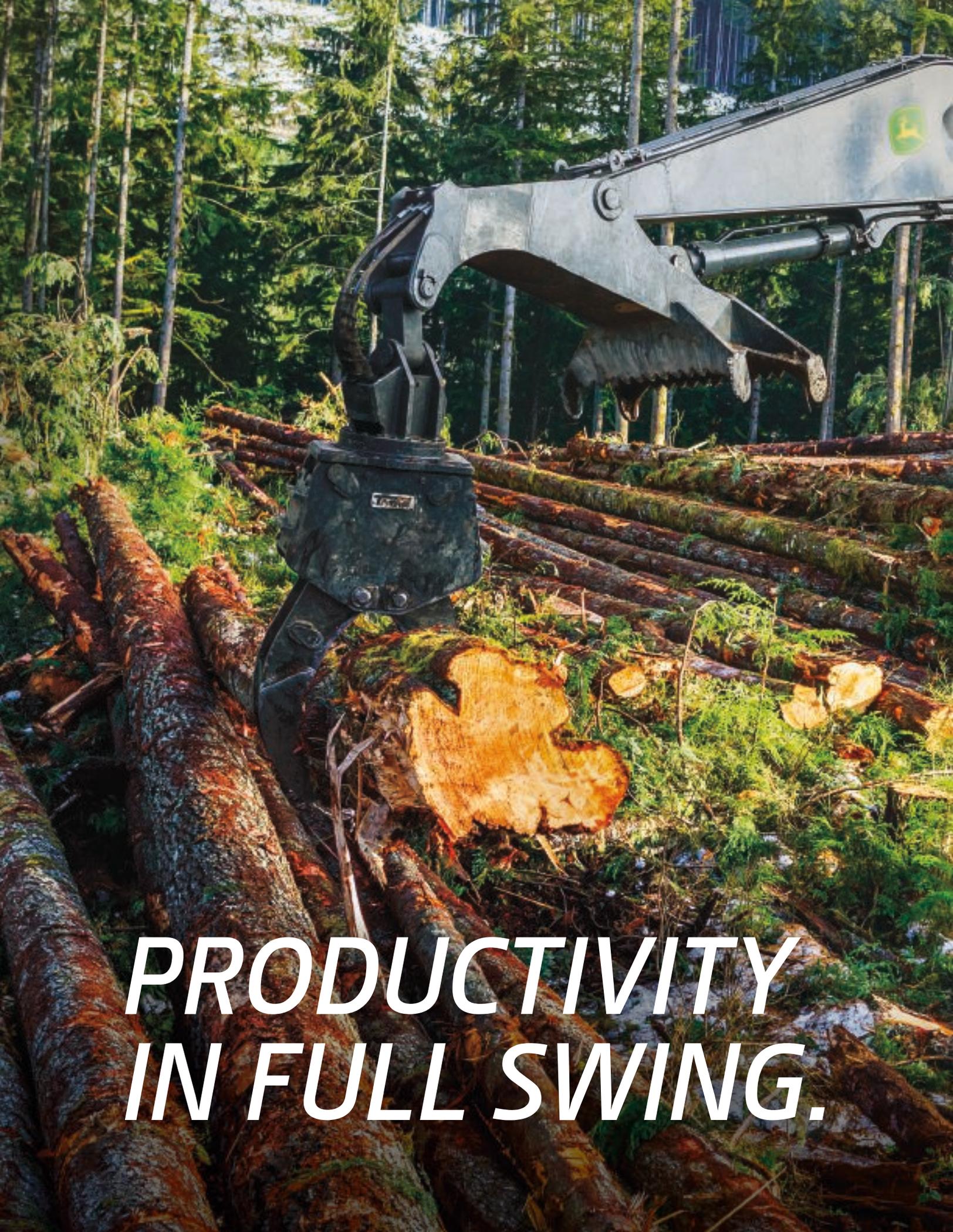


JOHN DEERE

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. Standard 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 the view 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

Staircase at the rear of the machine eases cab entry and exit, for more stable footing where and when you need it. 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. 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 greater stability — and up to 17-percent more lifting power than the models they replace.

Powerful illumination

LED lights are standard for when you need to extend your workday beyond daylight. 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 PRECISION FORESTRY

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 Precision Forestry technology solutions are there to help you — wherever the woods take you.

Get valuable insight with

PRECISION FORESTRY

TimberMatic™ Maps and TimberManager™

TimberMatic Maps and TimberManager are proven jobsite-mapping tools designed for full-tree logging operations. TimberMatic Maps enables enhanced visibility, allowing operators to review production values as well as see and create points of interest that can be shared in real time with other onsite team members. Staff not on the jobsite can also access any of this data through TimberManager, to optimize tasks and increase efficiency.

JDLink™

JDLink alerts can be sent to your computer or mobile device — or your John 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.



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

LED lighting illuminates service compartments so 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	Optional engine for use in Rest of World (ROW)
		Base engine for use in U.S., U.S. Territories, and Canada	
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 with remote-mounted drive and standard 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			
		<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 (standard)			
Work		14 LEDs	14 LEDs
Service			
With Side-Entry Cab		5 LEDs (compartments)	5 LEDs (compartments)
With Rear-Entry Cab		6 LEDs (compartments and riser)	6 LEDs (compartments and riser)
Access		1 LED (right rear cab)	1 LED (right rear cab)
Standard rearview camera			
Undercarriage			
Rollers (per side)			
Carrier		2	
Track		9	
Shoes, Double Grousers (per side)			
Pitch		216 mm (8.5 in.)	

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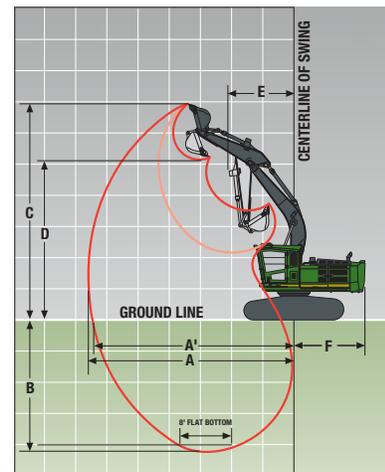
Swing Mechanism	3154G Road Builder	
Swing Speed	8.7 rpm	
Swing Torque	120 000 Nm (88,507 lb.-ft.)	
Ground Pressure		
Undercarriage	2.69 m (8 ft. 10 in.)	2.92 m (9 ft. 7 in.)
700-mm (28 in.) Double-Grouser Shoes	65.6 kPa (9.50 psi)	65.8 kPa (9.50 psi)
Operator's Station		
Operator Height from Ground (eye level)		
Side-Entry Forestry Cab	3125 mm (10 ft. 3 in.)	
Rear-Entry Log Loader Cab	4471 mm (14 ft. 8 in.)	
Serviceability		
Refill Capacities		
Fuel Tank	1080.0 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, 700-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.)	671 kg (1,480 lb.)
Cab Forward	739 kg (1,630 lb.)	739 kg (1,630 lb.)
Heavy Counterweight	1020 kg (2,249 lb.)	1020 kg (2,249 lb.)
2.92-m (9 ft. 7 in.) Undercarriage	678 kg (1,494 lb.)	678 kg (1,494 lb.)

Operating Dimensions

With standard equipment, 700-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; and 79-kg (175 lb.) operator

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.)

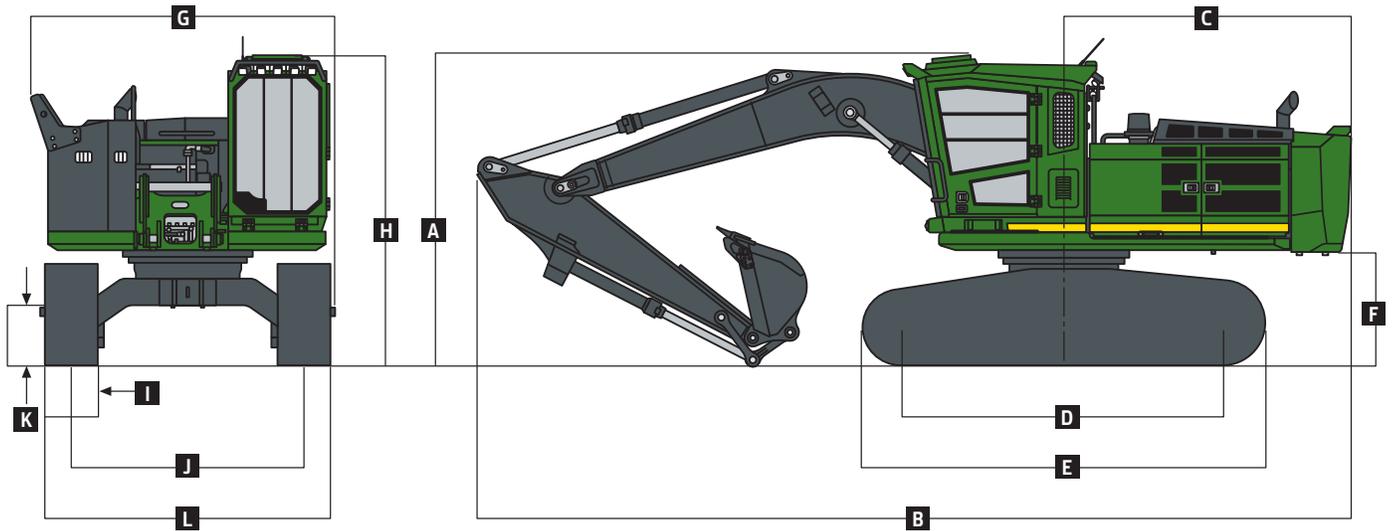
3154G Road Builder



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 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 700-mm (28 in.) Double-Grouser Shoes	0.70 m (28 in.)	0.70 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 700-mm (28 in.) Double-Grouser Shoes	3.40 m (11 ft. 2 in.)	3.63 m (11 ft. 11 in.)

3154G Road Builder



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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.

3154G

Lift Capacity — 3154G Road Builder with 2.69-m (8 ft. 10 in.) undercarriage, 700-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	6930				
					(15,260)	(15,260)				
6.1 m (20 ft.)			8280	8280	7350	7350	6850	6850		
			(18,250)	(18,250)	(16,200)	(16,200)	(15,090)	(15,090)		
4.6 m (15 ft.)	15 500	15 500	10 320	10 320	8280	8280	7230	7230		
	(34,150)	(34,150)	(22,740)	(22,740)	(18,240)	(18,240)	(15,940)	(15,940)		
3.1 m (10 ft.)			12 760	12 760	9410	9410	7780	7780	6860	5980
			(28,110)	(28,110)	(20,740)	(20,740)	(17,140)	(17,140)	(15,120)	(13,190)
1.5 m (5 ft.)			14 410	14 410	10 360	10 260	8270	7560	6990	5890
			(31,760)	(31,760)	(22,830)	(22,600)	(18,230)	(16,670)	(15,410)	(12,980)
Ground Line	21 140	21 140	14 790	14 790	10 810	10 000	8510	7410		
	(46,600)	(46,600)	(32,600)	(32,600)	(23,830)	(22,040)	(18,750)	(16,340)		
-1.5 m (-5 ft.)	19 670	19 670	14 180	14 180	10 620	9910	8260	7370		
	(43,360)	(43,360)	(31,260)	(31,260)	(23,410)	(21,850)	(18,210)	(16,240)		
-3.1 m (-10 ft.)	16 960	16 960	12 610	12 610	9570	9570				
	(37,370)	(37,370)	(27,800)	(27,800)	(21,090)	(21,090)				

Lift Capacity — 3154G Road Builder with 2.92-m (9 ft. 7 in.) undercarriage, 700-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	6930				
					(15,260)	(15,260)				
6.1 m (20 ft.)			8280	8280	7350	7350	6850	6850		
			(18,250)	(18,250)	(16,200)	(16,200)	(15,090)	(15,090)		
4.6 m (15 ft.)	15 500	15 500	10 320	10 320	8280	8280	7230	7230		
	(34,150)	(34,150)	(22,740)	(22,740)	(18,240)	(18,240)	(15,940)	(15,940)		
3.1 m (10 ft.)			12 760	12 760	9410	9410	7780	7780	6860	6510
			(28,110)	(28,110)	(20,740)	(20,740)	(17,140)	(17,140)	(15,120)	(14,350)
1.5 m (5 ft.)			14 410	14 410	10 360	10 360	8270	8250	6990	6420
			(31,760)	(31,760)	(22,830)	(22,830)	(18,230)	(18,190)	(15,410)	(14,140)
Ground Line	21 140	21 140	14 790	14 790	10 810	10 810	8510	8100		
	(46,600)	(46,600)	(32,600)	(32,600)	(23,830)	(23,830)	(18,750)	(17,850)		
-1.5 m (-5 ft.)	19 670	19 670	14 180	14 180	10 620	10 620	8260	8050		
	(43,360)	(43,360)	(31,260)	(31,260)	(23,410)	(23,410)	(18,210)	(17,750)		
-3.1 m (-10 ft.)	16 960	16 960	12 610	12 610	9570	9570				
	(37,370)	(37,370)	(27,800)	(27,800)	(21,090)	(21,090)				

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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 with remote-mounted drive and standard 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			
	<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 (standard)			
Work	14 LEDs		14 LEDs
Service			
With Side-Entry Cab	5 LEDs (compartments)		5 LEDs (compartments)
With Rear-Entry Cab	6 LEDs (compartments and riser)		6 LEDs (compartments and riser)
Access	1 LED (right rear cab)		1 LED (right rear cab)
Standard rearview camera			
Undercarriage			
Rollers (per side)			
Carrier	2		
Track	9		
Shoes, Double Grousers (per side)	48		
Pitch	216 mm (8.5 in.)		
Swing Mechanism			
Swing Speed	8.7 rpm		
Swing Torque	120 000 Nm (88,507 lb.-ft.)		
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.)
700-mm (28 in.) Double-Grouser Shoes	74.9 kPa (10.90 psi)	72.4 kPa (10.50 psi)	72.2 kPa (10.50 psi)

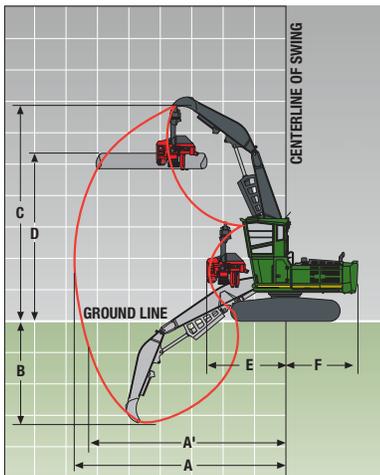
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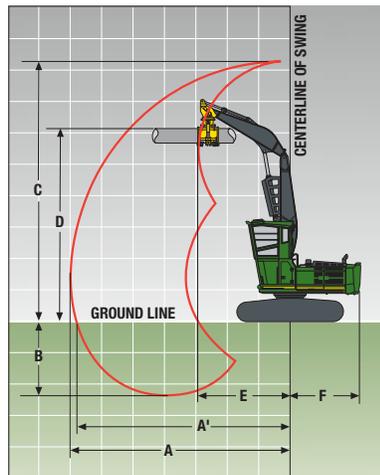
Operator's Station 3156G Processor / VIH Log Loader / Live-Heel Log Loader						
Operator Height from Ground (eye level)						
Side-Entry Forestry Cab	3125 mm (10 ft. 3 in.)					
Rear-Entry Log Loader Cab	4471 mm (14 ft. 8 in.)					
Serviceability						
Refill Capacities						
Fuel Tank	1080.0 L (285.0 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, 700-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 standard equipment, 700-mm (28 in.) shoes, 6558-kg (14,458 lb.) heavy counterweight, full fuel tank, and 79-kg (175 lb.) operator						
	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.

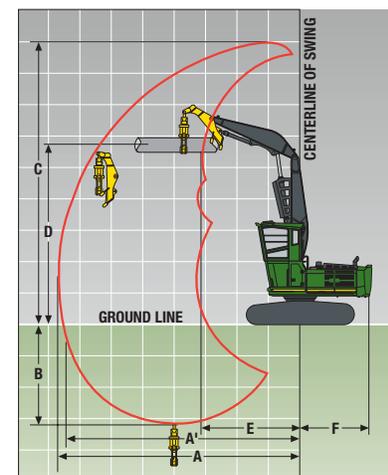
3156G Processor



3156G VIH



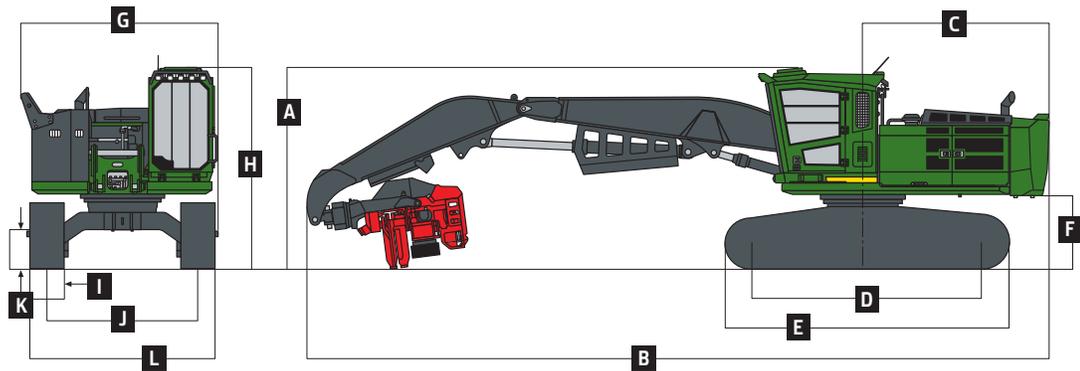
3156G Live Heel



3156G

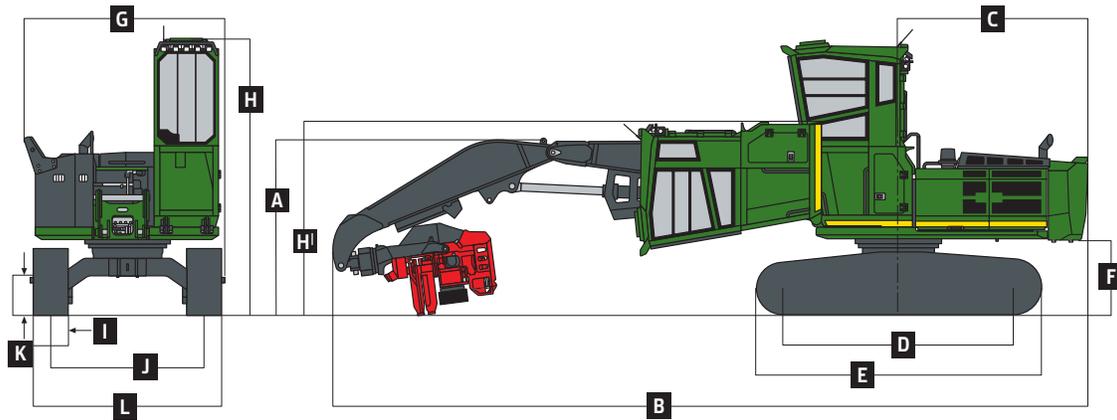
Machine Dimensions	3156G Processor	3156G VIH Log Loader	3156G Live-Heel Log Loader
A Machine Transport Height			
Side-Entry Cab	3.86 m (12 ft. 8 in.)	3.86 m (12 ft. 8 in.)	3.86 m (12 ft. 8 in.)
Rear-Entry Cab	3.73 m (12 ft. 3 in.)	3.71 m (12 ft. 2 in.)	3.71 m (12 ft. 2 in.)
B Overall Length	14.81 m (48 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 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^l 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 700-mm (28 in.) Double-Grouser Shoes	0.70 m (28 in.)	0.70 m (28 in.)	0.70 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 700-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

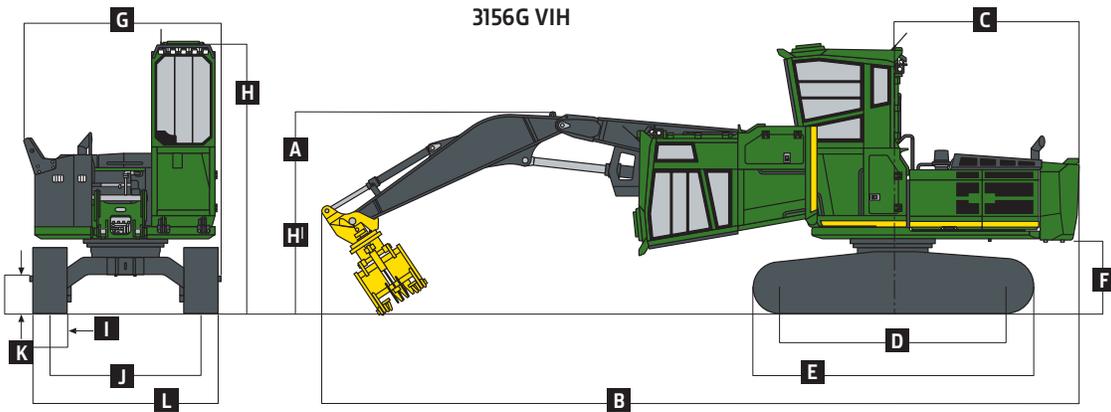


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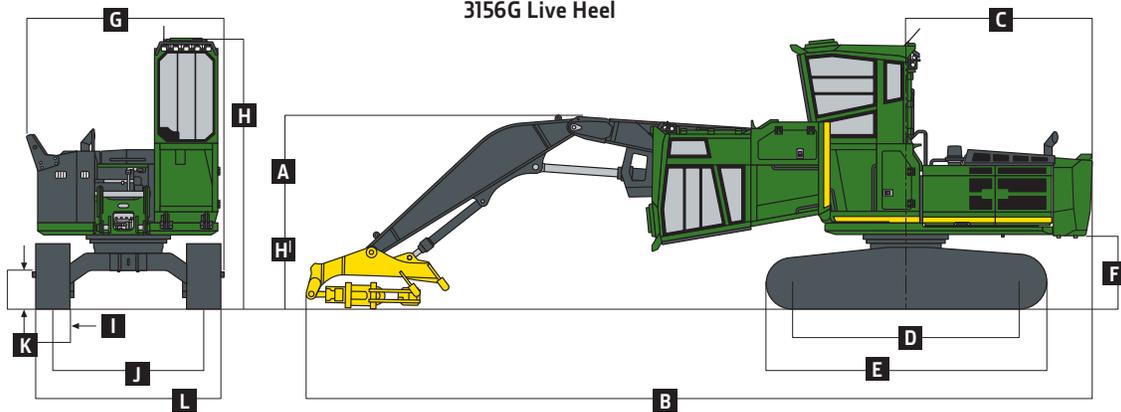
3156G Processor – Rear-Entry Cab



3156G VIH



3156G Live Heel



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Lift Capacity — 3156G Processor with 2.92-m (9 ft. 7 in.) undercarriage, 700-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, 700-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)		

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3156G

Lift Capacity — 3156G Live-Heel Log Loader with 2.92-m (9 ft. 7 in.) undercarriage, 700-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)				

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3754G

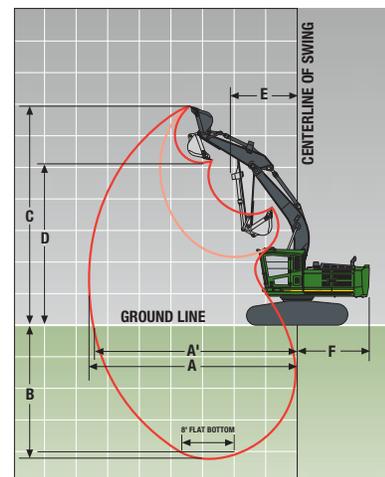
Engine		
	3754G Road Builder	
	Base engine for use in U.S., U.S. Territories, and Canada	Optional engine for use in Rest of World (ROW)
Manufacturer and Model	John Deere PowerTech™ PSS 9.0 L	John Deere PowerTech™ Plus 9.0 L
Non-Road Emission Standards	EPA Final Tier 4 (FT4)/EU Stage IV	EPA Tier 3/EU 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		
Fan Drive	Cool-on-demand hydraulic-driven, suction-type fan with remote-mounted drive and standard reversing fan	
Powertrain		
2-speed propel with automatic shift		
Maximum Travel Speed		
Low	3.0 km/h (1.9 mph)	
High	3.9 km/h (2.4 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 (standard)		
Work	14 LEDs	
Service		
With Side-Entry Cab	5 LEDs (compartments)	
With Rear-Entry Cab	6 LEDs (compartments and riser)	
Access	1 LED (right rear cab)	
Standard rearview camera		
Undercarriage		
	<i>Standard</i>	<i>Optional LC</i>
Rollers (per side)		
Carrier	2	
Track	8	
Shoes, Double Grousers (per side)	49	
Undercarriage		
Pitch	216 mm (8.5 in.)	
Size	470G LC	

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Swing Mechanism	3754G Road Builder	
Swing Speed	11.0 rpm	
Swing Torque	120 000 Nm (88,507 lb.-ft.)	
Ground Pressure		
700-mm (28 in.) Double-Grouser Shoes	67.6 kPa (9.8 psi)	
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, 700-mm (28 in.) double-grouser shoes, and 2.92-m (9 ft. 7 in.) undercarriage; no attachment included		
SAE Operating Weight	<i>EPA FT4/EU Stage IV</i> 43 143 kg (95,114 lb.)	<i>EPA Tier 3/EU Stage IIIA</i> 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 standard equipment, 700-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; and 79-kg (175 lb.) operator		
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

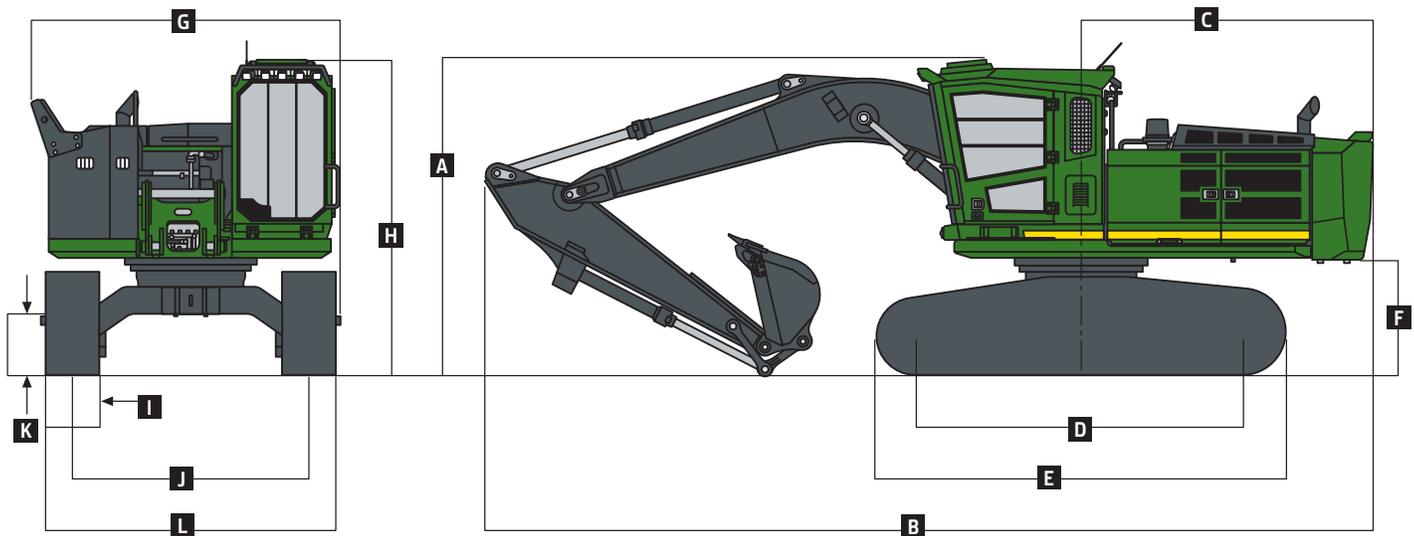


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3754G

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 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 700-mm (28 in.) Double-Grouser Shoes	0.70 m (28 in.)	0.70 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 700-mm (28 in.) Double-Grouser Shoes	3.63 m (11 ft. 11 in.)	3.63 m (11 ft. 11 in.)

3754G Road Builder



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 Figures do not exceed 87 percent of hydraulic capacities or 75 percent of weight needed to tip machine.

3754G

Lift Capacity — 3754G Road Builder with 2.92-m (9 ft. 7 in.) undercarriage, 700-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									
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, 700-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									
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)					

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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			
Fan Drive	Cool-on-demand hydraulic-driven, suction-type fan with remote-mounted drive and standard reversing fan		
Powertrain			
2-speed propel with automatic shift			
Maximum Travel Speed			
Low	3.0 km/h (1.9 mph)		
High	3.9 km/h (2.4 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		EPA Tier 3/EU Stage IIIA
System Voltage	24 volt		24 volt
Alternator Rating	150 amp		130 amp
Lights (standard)			
Work	14 LEDs		14 LEDs
Service			
With Side-Entry Cab	5 LEDs (compartments)		5 LEDs (compartments)
With Rear-Entry Cab	6 LEDs (compartments and riser)		6 LEDs (compartments and riser)
Access	1 LED (right rear cab)		1 LED (right rear cab)
Standard rearview camera			
Undercarriage			
Rollers (per side)			
Carrier	2		
Track	9		
Shoes, Double Grousers (per side)	53		
Undercarriage			
Pitch	216 mm (8.5 in.)		
Size	470G LC		
Swing Mechanism			
Swing Speed	11.0 rpm		
Swing Torque	148 462 Nm (109,500 lb.-ft.)		
Ground Pressure			
700-mm (28 in.) Double-Grouser Shoes	3756G Processor	3756G VIH Log Loader	3756G Live-Heel Log Loader
	79.3 kPa (11.5 psi)	75.8 kPa (11.0 psi)	74.5 kPa (10.8 psi)

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Operator's Station 3756G Processor / VIH Log Loader / Live-Heel Log Loader

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, 700-mm (28 in.) double-grouser shoes, and 2.92-m (9 ft. 7 in.) LC 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	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 Forestry Cab	-671 kg (-1,480 lb.)					
Non-LC Undercarriage	-716 kg (-1,578 lb.)					

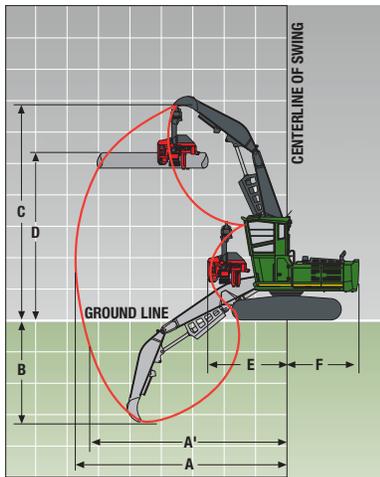
Operating Dimensions 3756G Processor 3756G VIH Log Loader 3756G Live-Heel Log Loader

With standard equipment, 700-mm (28 in.) shoes, 7975-kg (17,582 lb.) heavy counterweight, full fuel tank, and 79-kg (175 lb.) operator

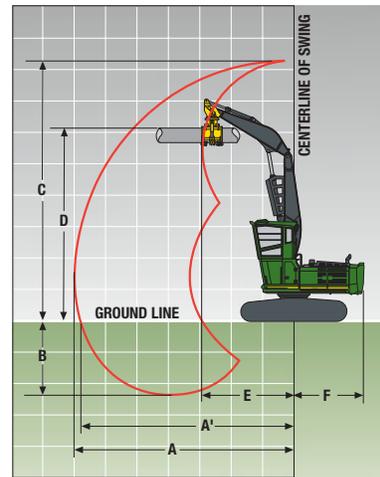
	Processor Arm	VIH Log Loader Arm	Live-Heel Log Loader Arm
	4.88-m (16 ft. 0 in.)	4.88-m (16 ft. 0 in.)	4.88-m (16 ft. 0 in.)
A Maximum Reach	11.63 m (38 ft. 2 in.)	11.68 m (38 ft. 4 in.)	13.13 m (43 ft. 1 in.)
A' Maximum Reach at Ground Level	11.40 m (37 ft. 5 in.)	11.46 m (37 ft. 7 in.)	12.90 m (42 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' 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.

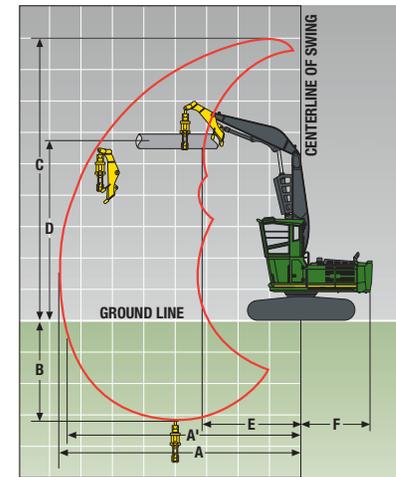
3756G Processor



3756G VIH



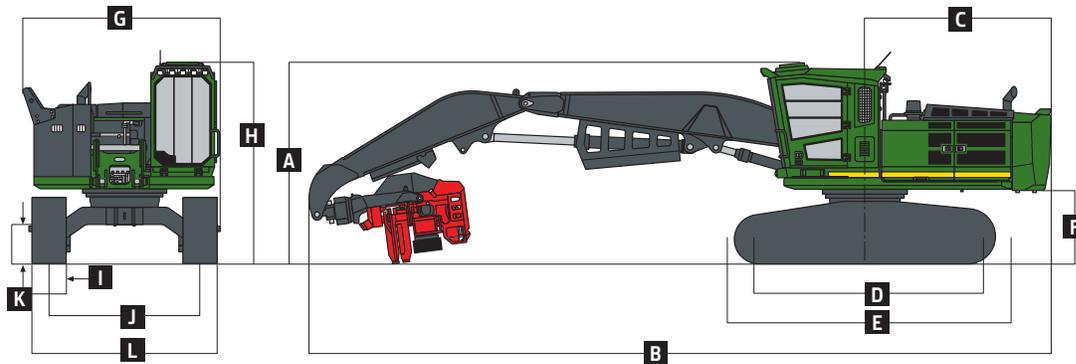
3756G Live Heel



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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.)	3.81 m (12 ft. 6 in.)
Rear-Entry Cab	3.81 m (12 ft. 6 in.)	3.68 m (12 ft. 1 in.)	3.68 m (12 ft. 1 in.)
B 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 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^I 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 700-mm (28 in.) Double-Grouser Shoes	0.70 m (28 in.)	0.70 m (28 in.)	0.70 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 700-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.)

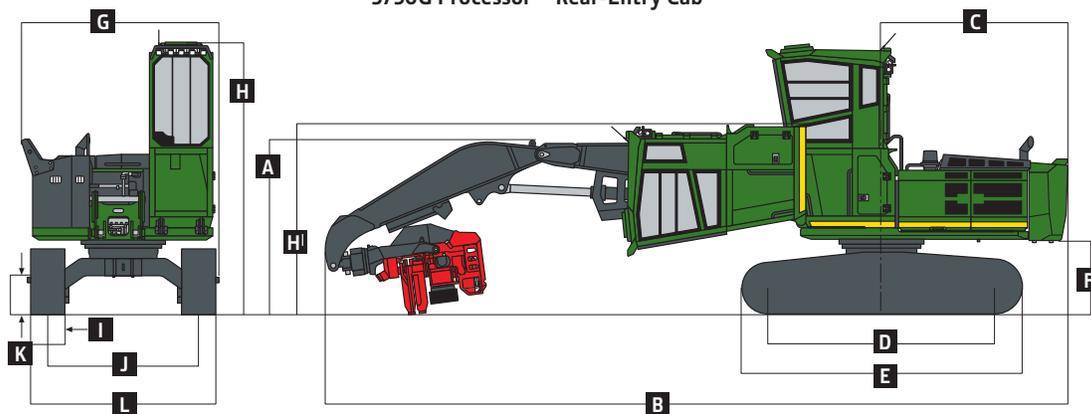
3756G Processor – Side-Entry Cab



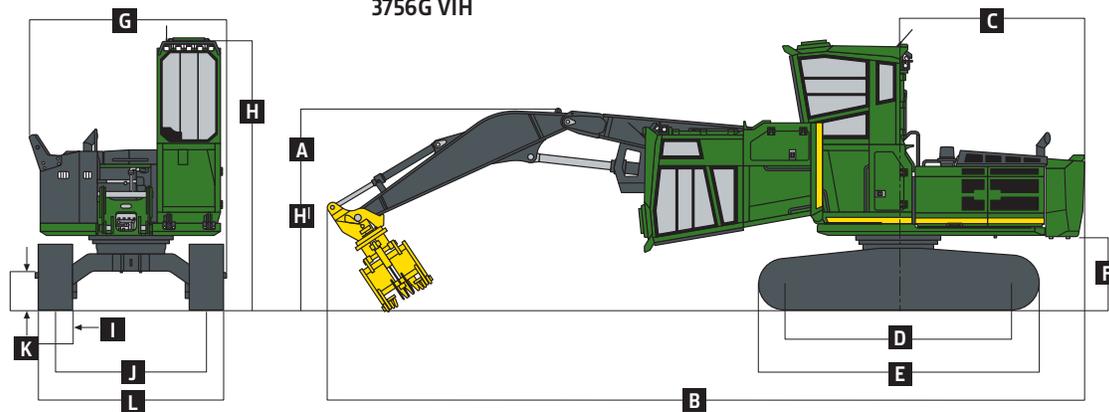
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Machine Dimensions (continued)

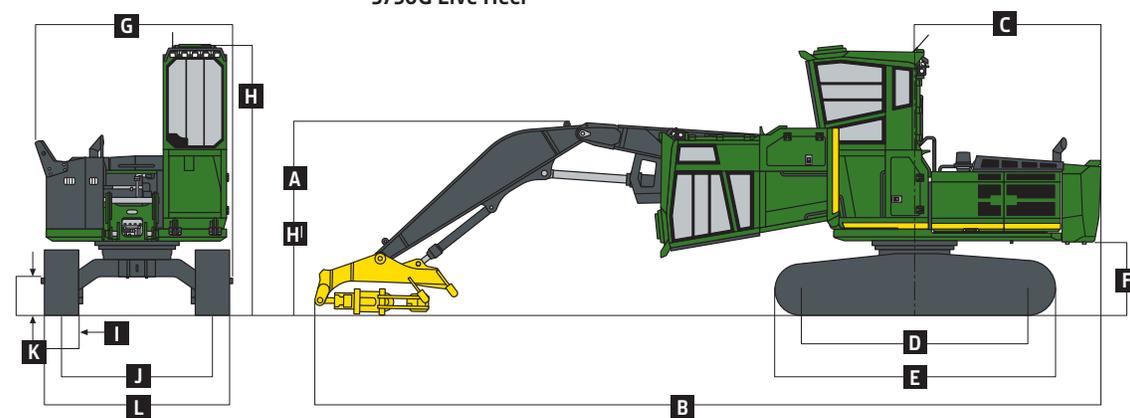
3756G Processor – Rear-Entry Cab



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

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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.

3756G

Lift Capacity — 3756G Processor with 2.92-m (9 ft. 7 in.) LC undercarriage, 700-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	17 570								
	(38,730)	(38,730)								
10.7 m (35 ft.)			15 490	15 490	12 830	11 250				
			(34,130)	(34,130)	(28,270)	(24,800)				
9.1 m (30 ft.)			14 980	14 980	13 530	11 490	11 140	8400		
			(33,020)	(33,020)	(29,820)	(25,320)	(24,540)	(18,510)		
7.6 m (25 ft.)			15 250	15 250	13 570	11 440	12 220	8480		
			(33,600)	(33,600)	(29,900)	(25,220)	(26,940)	(18,700)		
6.1 m (20 ft.)	17 100	17 100	16 170	16 000	14 000	11 230	12 340	8390	9580	6480
	(37,680)	(37,680)	(35,640)	(35,270)	(30,860)	(24,740)	(27,210)	(18,500)	(21,120)	(14,290)
4.6 m (15 ft.)	21 700	21 700	17 560	15 360	14 670	10 880	12 150	8210	9520	6420
	(47,820)	(47,820)	(38,710)	(33,850)	(32,320)	(23,970)	(26,780)	(18,090)	(20,980)	(14,160)
3.1 m (10 ft.)	25 330	22 760	18 980	14 580	15 300	10 460	11 900	7980	9400	6320
	(55,820)	(50,150)	(41,840)	(32,130)	(33,720)	(23,060)	(26,230)	(17,590)	(20,730)	(13,920)
1.5 m (5 ft.)	26 940	21 260	19 770	13 850	15 340	10 060	11 660	7760	9290	6210
	(59,380)	(46,870)	(43,570)	(30,530)	(33,810)	(22,180)	(25,690)	(17,090)	(20,470)	(13,680)
Ground Line	25 980	20 410	19 390	13 340	15 000	9760	11 470	7580	9200	6130
	(57,270)	(44,990)	(42,730)	(29,400)	(33,060)	(21,510)	(25,270)	(16,710)	(20,290)	(13,510)
-1.5 m (-5 ft.)	22 760	20 110	17 600	13 080	13 810	9590	10 740	7490	7310	6130
	(50,170)	(44,320)	(38,800)	(28,830)	(30,430)	(21,130)	(23,680)	(16,510)	(16,110)	(13,510)
-3.1 m (-10 ft.)	17 720	17 720	14 320	13 050	11 210	9560	8120	7520		
	(39,050)	(39,050)	(31,560)	(28,760)	(24,720)	(21,080)	(17,900)	(16,570)		

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

Lift Capacity — 3756G VIH Log Loader with 2.92-m (9 ft. 7 in.) LC undercarriage, 700-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	19 020	14 360	14 360						
	(41,930)	(41,930)	(31,650)	(31,650)						
10.7 m (35 ft.)			15 700	15 700	14 210	11 390				
			(34,610)	(34,610)	(31,320)	(25,100)				
9.1 m (30 ft.)			15 210	15 210	13 750	11 640	12 440	8550		
			(33,530)	(33,530)	(30,310)	(25,660)	(27,410)	(18,840)		
7.6 m (25 ft.)			15 500	15 500	13 800	11 620	12 450	8660		
			(34,160)	(34,160)	(30,420)	(25,610)	(27,440)	(19,080)		
6.1 m (20 ft.)	15 540	15 540	16 440	16 200	14 250	11 420	12 540	8580	9760	6660
	(34,250)	(34,250)	(36,240)	(35,710)	(31,420)	(25,170)	(27,640)	(18,910)	(21,520)	(14,680)
4.6 m (15 ft.)	18 320	18 320	17 860	15 580	14 930	11 090	12 360	8410	9710	6610
	(40,390)	(40,390)	(39,360)	(34,350)	(32,900)	(24,440)	(27,230)	(18,530)	(21,410)	(14,580)
3.1 m (10 ft.)			19 290	14 830	15 570	10 690	12 120	8190	9610	6520
			(42,510)	(32,690)	(34,320)	(23,560)	(26,710)	(18,060)	(21,170)	(14,360)
1.5 m (5 ft.)			20 070	14 130	15 600	10 310	11 890	7980	9500	6410
			(44,240)	(31,140)	(34,380)	(22,720)	(26,200)	(17,590)	(20,930)	(14,130)
Ground Line	26 280	20 770	19 670	13 630	15 270	10 010	11 710	7810	9420	6340
	(57,930)	(45,770)	(43,360)	(30,040)	(33,650)	(22,070)	(25,800)	(17,220)	(20,760)	(13,980)
-1.5 m (-5 ft.)	23 020	20 470	17 860	13 380	14 050	9850	10 960	7730	7460	6350
	(50,740)	(45,130)	(39,370)	(29,490)	(30,980)	(21,710)	(24,160)	(17,030)	(16,430)	(13,990)
-3.1 m (-10 ft.)	17 940	17 940	14 550	13 350	11 430	9830	8310	7760		
	(39,540)	(39,540)	(32,070)	(29,430)	(25,200)	(21,670)	(18,310)	(17,090)		

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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.

3756G

Lift Capacity — 3756G Live-Heel Log Loader with 2.92-m (9 ft. 7 in.) undercarriage, 700-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	14 760	12 400	10 630						
			(33,600)	(32,540)	(27,320)	(23,430)						
10.7 m (35 ft.)			14 080	14 080	12 750	10 450	10 650	7880				
			(31,040)	(31,040)	(28,100)	(23,040)	(23,480)	(17,370)				
9.1 m (30 ft.)			13 750	13 750	12 420	10 770	10 450	7700	8370	6180		
			(30,300)	(30,300)	(27,380)	(23,740)	(23,040)	(16,960)	(18,440)	(13,610)		
7.6 m (25 ft.)			14 020	14 020	12 660	10 800	10 630	7860	7960	5780		
			(30,910)	(30,910)	(27,900)	(23,810)	(23,430)	(17,320)	(17,540)	(12,750)		
6.1 m (20 ft.)			14 150	14 150	13 250	10 670	10 600	7830	8080	5900	6630	4830
			(31,190)	(31,190)	(29,200)	(23,510)	(23,360)	(17,250)	(17,810)	(13,010)	(14,610)	(10,640)
4.6 m (15 ft.)			17 010	15 110	14 040	10 390	10 420	7660	8140	5960	6630	4820
			(37,480)	(33,300)	(30,940)	(22,910)	(22,970)	(16,880)	(17,940)	(13,130)	(14,610)	(10,630)
3.1 m (10 ft.)			16 910	14 690	13 740	10 040	10 250	7500	8150	5970	6560	4750
			(37,270)	(32,380)	(30,290)	(22,120)	(22,580)	(16,520)	(17,970)	(13,160)	(14,450)	(10,480)
1.5 m (5 ft.)			19 080	13 800	13 360	9680	10 140	7400	8020	5840	6470	4670
			(42,050)	(30,410)	(29,440)	(21,330)	(22,350)	(16,310)	(17,670)	(12,880)	(14,260)	(10,300)
Ground Line	15 890	15 890	18 530	13 090	13 110	9460	9940	7210	7860	5690	6400	4610
	(35,030)	(35,030)	(40,830)	(28,840)	(28,900)	(20,840)	(21,910)	(15,900)	(17,320)	(12,540)	(14,100)	(10,150)
-1.5 m (-5 ft.)	13 760	13 760	17 960	12 570	12 750	9110	9710	7000	7740	5580	6080	4590
	(30,330)	(30,330)	(39,580)	(27,710)	(28,090)	(20,080)	(21,410)	(15,430)	(17,050)	(12,290)	(13,410)	(10,120)
-3.1 m (-10 ft.)	15 370	15 370	16 730	16 730	12 520	8910	9600	6890	7380	5550		
	(33,880)	(33,880)	(36,880)	(36,880)	(27,600)	(19,630)	(21,160)	(15,190)	(16,270)	(12,230)		
-4.6 m (-15 ft.)	16 790	16 790	13 240	12 230	10 270	8900	7490	6910				
	(37,010)	(37,010)	(29,180)	(26,950)	(22,630)	(19,610)	(16,510)	(15,240)				

Lift Capacity — 3756G Live-Heel Log Loader with 2.92-m (9 ft. 7 in.) LC undercarriage, 700-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	15 160	12 400	10 900						
			(33,600)	(33,420)	(27,320)	(24,030)						
10.7 m (35 ft.)			14 080	14 080	12 750	10 730	11 250	8090				
			(31,040)	(31,040)	(28,100)	(23,640)	(24,800)	(17,830)				
9.1 m (30 ft.)			13 750	13 750	12 420	11 050	11 320	7900	9480	6340		
			(30,300)	(30,300)	(27,380)	(24,350)	(24,950)	(17,410)	(20,900)	(13,980)		
7.6 m (25 ft.)			14 020	14 020	12 660	11 080	11 300	8070	9060	5950		
			(30,910)	(30,910)	(27,900)	(24,420)	(24,910)	(17,780)	(19,970)	(13,110)		
6.1 m (20 ft.)			14 150	14 150	13 250	10 940	11 560	8040	9190	6070	7540	4960
			(31,190)	(31,190)	(29,200)	(24,120)	(25,480)	(17,710)	(20,250)	(13,370)	(16,610)	(10,940)
4.6 m (15 ft.)			17 010	15 510	14 040	10 670	11 840	7870	9250	6130	7540	4960
			(37,480)	(34,180)	(30,940)	(23,510)	(26,100)	(17,340)	(20,390)	(13,500)	(16,610)	(10,940)
3.1 m (10 ft.)			16 910	15 100	14 780	10 310	11 660	7700	9260	6140	7460	4900
			(37,270)	(33,270)	(32,580)	(22,730)	(25,700)	(16,980)	(20,420)	(13,530)	(16,440)	(10,790)
1.5 m (5 ft.)			19 080	14 190	15 200	9950	11 560	7600	9120	6010	7370	4810
			(42,050)	(31,280)	(33,510)	(21,930)	(25,470)	(16,760)	(20,110)	(13,240)	(16,250)	(10,600)
Ground Line	15 890	15 890	19 460	13 480	15 040	9720	11 350	7420	8960	5860	7300	4750
	(35,030)	(35,030)	(42,900)	(29,700)	(33,150)	(21,430)	(25,010)	(16,350)	(19,750)	(12,910)	(16,090)	(10,460)
-1.5 m (-5 ft.)	13 760	13 760	18 730	12 960	14 580	9380	11 120	7210	8830	5740	6080	4730
	(30,330)	(30,330)	(41,290)	(28,560)	(32,130)	(20,670)	(24,500)	(15,880)	(19,470)	(12,650)	(13,410)	(10,430)
-3.1 m (-10 ft.)	15 370	15 370	16 730	12 660	13 040	9170	10 150	7100	7380	5720		
	(33,880)	(33,880)	(36,880)	(27,910)	(28,750)	(20,220)	(22,360)	(15,640)	(16,270)	(12,600)		
-4.6 m (-15 ft.)	16 790	16 790	13 240	12 610	10 270	9170	7490	7120				
	(37,010)	(37,010)	(29,180)	(27,800)	(22,630)	(20,200)	(16,510)	(15,690)				

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