

# SWING MACHINES

2154G / 2156G / 2654G / 2656G



JOHN DEERE



*RELIABLE, EFFICIENT,  
PRODUCTIVE*





**SWING**  
**FOR THE FENCES.**

**TO DESIGN OUR 2154G/2156G AND 2654G/2656G SWING MACHINES**, we went to the woods and met with loggers — the ones who live it every day. We let them do the talking. **And we listened.**

Through our Customer Advocate Group (CAG), we collected invaluable input from customers just like you. Then we spent over a thousand hours testing the machines until we got them exactly right.

The G-Series is loaded with improvements you won't be able to imagine living without, including major cab updates that set new standards for comfort and safety. And a host of productivity-boosting enhancements that help deliver uptime and efficiency, while lowering daily operating costs.

Five years in the making. Backed by over a half-century of experience in the woods. The G-Series will redefine your expectations about what a swing machine can accomplish.



*We're pretty excited about the G-Series machines. They've made lots of improvements. They've got more spacious cabs. They're easier to service and maintain. Deere really listened to our input, and the results speak for themselves.*

**Brent Parries, CAG member**

*Pacific Forest Contractors Inc., Eagle Creek, Oregon*



## TAME THE TOUGHEST TIMBER

# These go-getters won't let you down.

To make these workhorses even better, we went to our toughest customers — loggers just like you — to get fresh ideas on making our swing machines more rugged and reliable.

### Simplified electrical system

More dependable electrical architecture simplifies wiring harnesses and reduces the number of electrical connectors, fuses, and relays by approximately 25 percent. JDLink™ enables quick fault detection and troubleshooting.

### More durable structures

Undercarriage X-frames and upper-frame structures have been improved to deliver significantly longer life than previous models — in some cases up to 67-percent more.

### Hydraulic reversing fan

Hydraulically driven, variable-speed fan runs only as needed, conserving power and fuel. Reversing option automatically reverses airflow to eject debris from the cooler cores, decreasing cooler-maintenance frequency.

### More robust cooling system

Larger, more durable, and higher-capacity coolers along with improved airflow help reduce hydraulic operating temperatures, for maximized component life.

### Reliable rollers

On the 2154G and 2156G, new larger-diameter lower rollers with polished shafts and improved seals extend wear life, while reducing downtime and maintenance costs.



**LARGER-DIAMETER  
LOWER ROLLERS**

ON 2154G AND 2156G





**↑ 25%**  
**MORE SPACE**  
**ON SIDE-ENTRY CAB**

### Improved visibility

Countless hours of virtual-reality studies and field-testing with loggers resulted in superb all-around visibility. In the log-loader rear-entry cab, floor-mounted windows and cab-forward riser option improve views to the tracks and working area for 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.



## DESIGNED BY LOGGERS, FOR LOGGERS

# Visionary cab design.

Two cab options are significantly more comfortable. New side-entry cab is 25-percent larger than the previous model. Rear-entry cab, now standard on the 2156G and 2656G, features windows in the floor and injection-molded polycarbonate windows, for superb visibility to the tracks and working area. Cab-forward design improves visibility to the right. Other fatigue-beating creature comforts include efficient climate control, heated/cooled seats, ergonomic controls, and XM Satellite Radio™-ready system.

*John Deere has made a very good machine even better. Some of the improvements are just phenomenal, especially in terms of operator safety, visibility, and ergonomics.*

**Tristan Allen, CAG member**  
CLT Logging, Inc., Montague, California



### Spacious, more comfortable cab

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

### Effortless control

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

# GET MORE DONE See the light.

Whether you are log loading, road building, decking, shovel logging, or processing/harvesting, G-Series Swing Machines will help you move more wood, more efficiently. Choose a 2154G/2654G Forestry Excavator or 2156G/2656G Crawler Log Loader to match your application.

## Enhanced lighting options

Optional 14-light LED package delivers 40-percent more illumination.

## Service lighting

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

## More stable and able

Longer track frames on the 2656G (optional on the 2654G) put more track on the ground, for increased stability — and up to 14-percent more lifting capacity.

## 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 hose life, increasing uptime and reducing operating costs.



*\*STANDARD ON 2656G, OPTIONAL ON 2654G.*







**40%** **BRIGHTER**  
WITH LED  
LIGHTING PACKAGE

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

## **Because time is money.**

Loggers demand 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 — wherever the woods take you.



### **Keep downtime down with *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.

### **Get valuable insight with *JOHN DEERE FORESTSIGHT***

With a JDLink subscription, alerts can be sent to your computer or mobile device — or your dealer, if you choose — to inform you of immediate machine issues. If downtime does occur, exclusive remote diagnostics and programming enable your Deere 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.



*Servicing the machine is much quicker and simpler. Maintenance items are easy to access and grouped in one location. And with the service lighting, you are not fumbling around in the dark.*



**Troy Bremner, CAG member**  
Clusko Logging, Kelowna, British Columbia



# ***RUN THE NUMBERS.***

## **Better fuel economy**

PowerTech™ Plus 6.8L EPA Tier 3/EU Stage IIIA engine on the 2154G and 2156G improves uptime and reduces fuel consumption by five to eight percent. New “half-lever” hydraulic-control system reduces fuel consumption by another three to five percent, depending on application.

## **Convenient maintenance**

Ground-level servicing and conveniently located filters, fluid-fill locations, and grease points help ease daily checks and preventive maintenance.

## **Remote diagnostics**

When 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.

## **Productivity your way**

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.





## 2154G



Engine	2154G Road Builder / Processor	
	U.S. and U.S. Territories	Rest of World (ROW)
Manufacturer and Model	John Deere PowerTech™ PVS 6.8 L	John Deere PowerTech™ Plus 6.8 L
Non-Road Emission Standards	EPA Final Tier 4/EU Stage IV	EPA Tier 3/EU Stage IIIA
Net Rated Power (ISO 9249)	122 kW (164 hp) at 2,000 rpm	122 kW (164 hp) at 2,000 rpm
Cylinders	6	6
Engine Displacement	6.8 L (415 cu. in.)	6.8 L (415 cu. in.)
Off-Level Capacity	70% (35 deg.)	70% (35 deg.)
Aspiration	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
<b>Cooling</b>		
Fan Drive	Cool-on-demand hydraulic-driven, suction-type fan remote-mounted drive w/ optional reversing fan	
<b>Powertrain</b>		
2-speed propel with automatic shift		
Undercarriage	<i>Heavy Duty (HD)</i>	<i>Extreme Duty (XD)</i>
Maximum Travel Speed		
Low	3.2 km/h (2.0 mph)	2.9 km/h (1.8 mph)
High	4.8 km/h (3.0 mph)	4.7 km/h (2.9 mph)
Drawbar Pull	22 634 kgf (49,900 lbf)	25 435 kgf (56,075 lbf)
<b>Hydraulics</b>		
Open center, pilot operated		
<b>Main Pumps</b>	2 variable-displacement pumps	
Maximum Rated Flow x 2	236 L/m (62.3 gpm)	
<b>System Operating Pressure</b>		
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	
<b>Electrical</b>		
	<i>EPA Final Tier 4/EU Stage IV</i>	<i>EPA Tier 3/EU Stage IIIA</i>
System Voltage	24 volt	24 volt
Alternator Rating	150 amp	130 amp
<b>Lights</b>		
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)
<b>Undercarriage</b>		
Rollers (per side)		
Carrier	2	
Track	8	
Shoes Double Grousers (per side)		
Standard Duty (SD)	49	
HD	46	
XD	45	
Undercarriage Pitch		
SD	190 mm (7.5 in.)	
HD	203 mm (8.0 in.)	
XD	216 mm (8.5 in.)	



Ground Pressure	2154G Road Builder			2154G Processor		
Undercarriage	2.62-m (8 ft. 7 in.) SD/HD	2.62-m (8 ft. 7 in.) XD	2.79-m (9 ft. 2 in.)	2.62-m (8 ft. 7 in.) SD/HD	2.62-m (8 ft. 7 in.) XD	2.79-m (9 ft. 2 in.)
700-mm (28 in.) Double-Grouser Shoes	61.5 kPa (8.92 psi)*	57.9 kPa (8.40 psi)	53.1 kPa (7.70 psi)	62.3 kPa (9.04 psi)*	58.5 kPa (8.48 psi)	53.7 kPa (7.79 psi)

\*600-mm (24 in.) double-grouser shoes.

Swing Mechanism	2154G Road Builder / Processor	
Swing Speed	12.6 rpm	
Swing Torque	74 376 Nm (54,857 lb.-ft.)	

Operator's Station	
Operator Height from Ground (eye level)	
Side-Entry Forestry Cab	2998 mm (9 ft. 11 in.)
Rear-Entry Log Loader Cab	4345 mm (14 ft. 4 in.)

Serviceability	
<b>Refill Capacities</b>	
Fuel Tank	800.0 L (211 gal.)
Cooling System	30.5 L (8.1 gal.)
Diesel Exhaust Fluid (DEF) Tank (FT4)	42.4 L (11.2 gal.)
Engine Crankcase (including filter)	20.0 L (20.6 qt.)
Hydraulic Tank Oil	136.0 L (36.0 gal.)

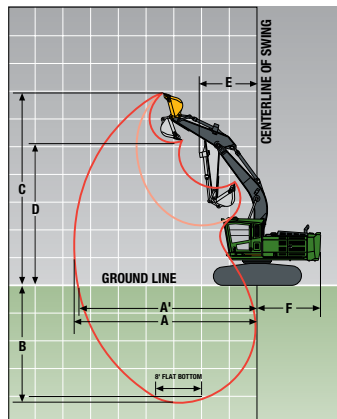
Operating Weights	2154G Road Builder		2154G Processor	
With full fuel tank, 79-kg (175 lb.) operator, side-entry forestry cab, 4187-kg (9,228 lb.) counterweight, 600-mm (24 in.) double-grouser shoes, FT4 engine, and 2.62-m (8 ft. 7 in.) HD undercarriage; no attachment included				
	EPA Final Tier 4/EU Stage IV	EPA Tier 3/EU Stage IIIA	EPA Final Tier 4/EU Stage IV	EPA Tier 3/EU Stage IIIA
SAE Operating Weight	28 000 kg (61,730 lb.)	27 773 kg (61,230 lb.)	28 352 kg (62,505 lb.)	28 125 kg (62,005 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.)	
Undercarriage			
2.62-m (8 ft. 7 in.) XD	3240 kg (7,143 lb.)	3240 kg (7,143 lb.)	
2.79-m (9 ft. 2 in.)	106 kg (233 lb.)	106 kg (233 lb.)	

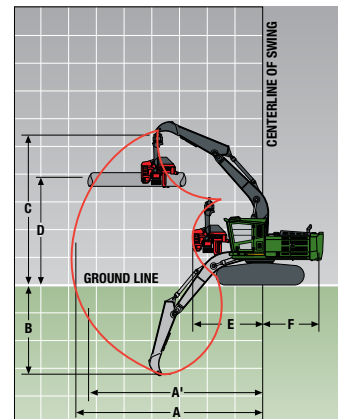
Operating Dimensions	
With 600-mm (24 in.) shoes, 4187-kg (9,228 lb.) counterweight, full fuel tank, 79-kg (175 lb.) operator, and standard equipment	
	2.9-m (9 ft. 6 in.) Arm; 830-kg (1,830 lb.), 0.91-m <sup>3</sup> (1.19 cu. yd.), 1065-mm (42 in.) Bucket
	3.32-m (10 ft. 10 in.) Processor Arm
<b>A</b> Maximum Reach	9.86 m (32 ft. 4 in.)
<b>A'</b> Maximum Reach at Ground Level	9.63 m (31 ft. 7 in.)
<b>B</b> Maximum Working Depth	5.64 m (18 ft. 6 in.)
<b>C</b> Maximum Working Height	11.05 m (36 ft. 3 in.)
<b>D</b> Maximum Log-Level Height*	8.33 m (27 ft. 4 in.)
<b>E</b> Minimum Swing Radius	2.36 m (7 ft. 9 in.)
<b>F</b> Tail Swing Radius	3.12 m (10 ft. 3 in.)

\*Attachment dependent.

2154G Road Builder



2154G Processor

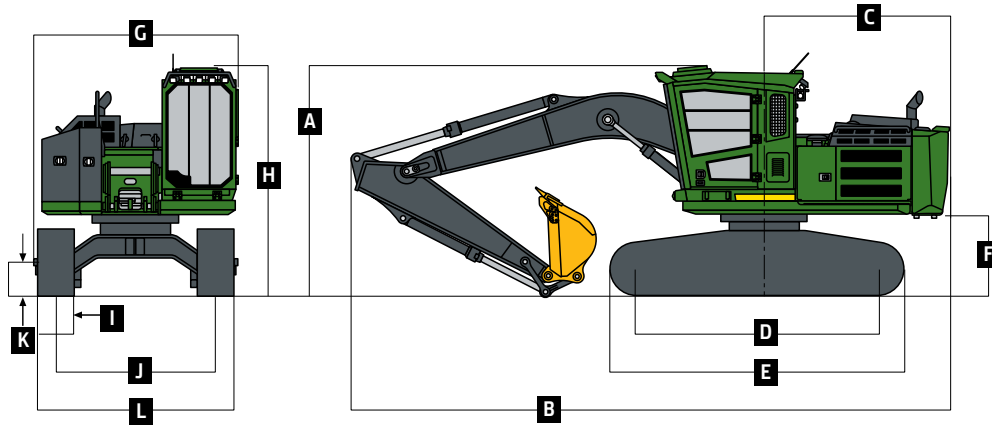


Machine not exactly as shown. Illustrations for dimensioning purposes only.

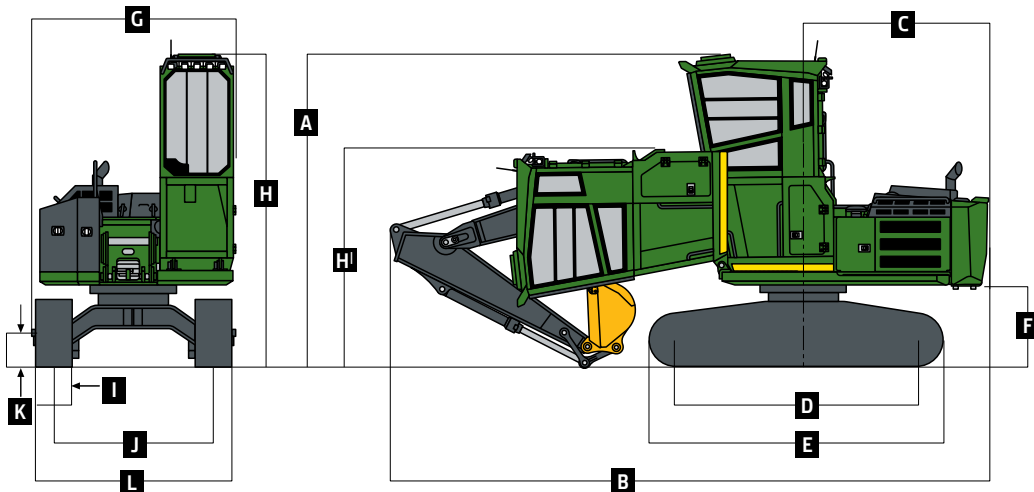
# 2154G

Machine Dimensions	2154G Road Builder		2154G Processor	
Undercarriage	2.62-m (8 ft. 7 in.) SD/HD	2.79-m (9 ft. 2 in.)	2.62-m (8 ft. 7 in.) SD/HD	2.79-m (9 ft. 2 in.)
<b>A</b> Height (side-entry cab)	3.73 m (12 ft. 3 in.)	3.78 m (12 ft. 5 in.)	3.73 m (12 ft. 3 in.)	3.78 m (12 ft. 5 in.)
<b>B</b> Overall Length	9.83 m (32 ft. 3 in.)	9.83 m (32 ft. 3 in.)	9.86 m (32 ft. 4 in.)	9.86 m (32 ft. 4 in.)
<b>C</b> Rear-End Length / Swing Radius	3.10 m (10 ft. 2 in.)	3.10 m (10 ft. 2 in.)	3.10 m (10 ft. 2 in.)	3.10 m (10 ft. 2 in.)
<b>D</b> Distance Between Idler / Sprocket Centerline	3.66 m (12 ft. 0 in.)	3.66 m (12 ft. 0 in.)	3.66 m (12 ft. 0 in.)	3.66 m (12 ft. 0 in.)
<b>E</b> Undercarriage Length	4.45 m (14 ft. 7 in.)	4.45 m (14 ft. 7 in.)	4.45 m (14 ft. 7 in.)	4.45 m (14 ft. 7 in.)
<b>F</b> Counterweight Clearance	1.37 m (4 ft. 6 in.)	1.42 m (4 ft. 8 in.)	1.37 m (4 ft. 6 in.)	1.42 m (4 ft. 8 in.)
<b>G</b> Upperstructure Width	3.23 m (10 ft. 7 in.)	3.23 m (10 ft. 7 in.)	3.23 m (10 ft. 7 in.)	3.23 m (10 ft. 7 in.)
<b>H</b> Cab Height (side-entry cab)	3.73 m (12 ft. 3 in.)	3.78 m (12 ft. 5 in.)	3.73 m (12 ft. 3 in.)	3.78 m (12 ft. 5 in.)
<b>H<sup>i</sup></b> Tilted Cab Height (rear-entry cab)	3.58 m (11 ft. 9 in.)	3.63 m (11 ft. 11 in.)	3.58 m (11 ft. 9 in.)	3.63 m (11 ft. 11 in.)
<b>I</b> Track Shoe Width	0.61 m (24 in.) w/ 600-mm (24 in.) shoes	0.71 m (28 in.) w/ 700-mm (28 in.) shoes	0.61 m (24 in.) w/ 600-mm (24 in.) shoes	0.71 m (28 in.) w/ 700-mm (28 in.) shoes
<b>J</b> Center of Sprocket to Center of Sprocket	2.62 m (8 ft. 7 in.)	2.79 m (9 ft. 2 in.)	2.62 m (8 ft. 7 in.)	2.79 m (9 ft. 2 in.)
<b>K</b> Ground Clearance	0.71 m (28 in.)	0.76 m (30 in.)	0.71 m (28 in.)	0.76 m (30 in.)
<b>L</b> Undercarriage Width	3.30 m (10 ft. 10 in.) w/ 600-mm (24 in.) shoes	3.51 m (11 ft. 6 in.) w/ 700-mm (28 in.) shoes	3.30 m (10 ft. 10 in.) w/ 600-mm (24 in.) shoes	3.51 m (11 ft. 6 in.) w/ 700-mm (28 in.) shoes

2154G Road Builder – Low Cab



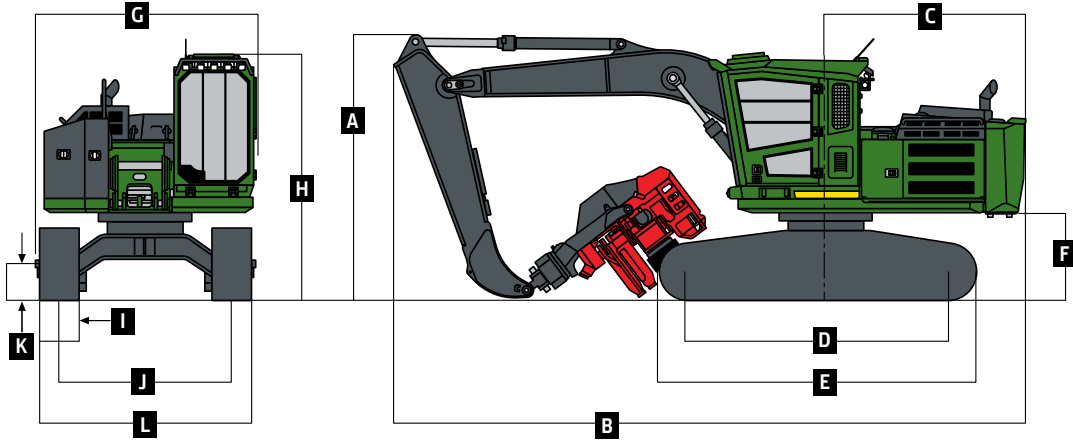
2154G Road Builder – High Cab



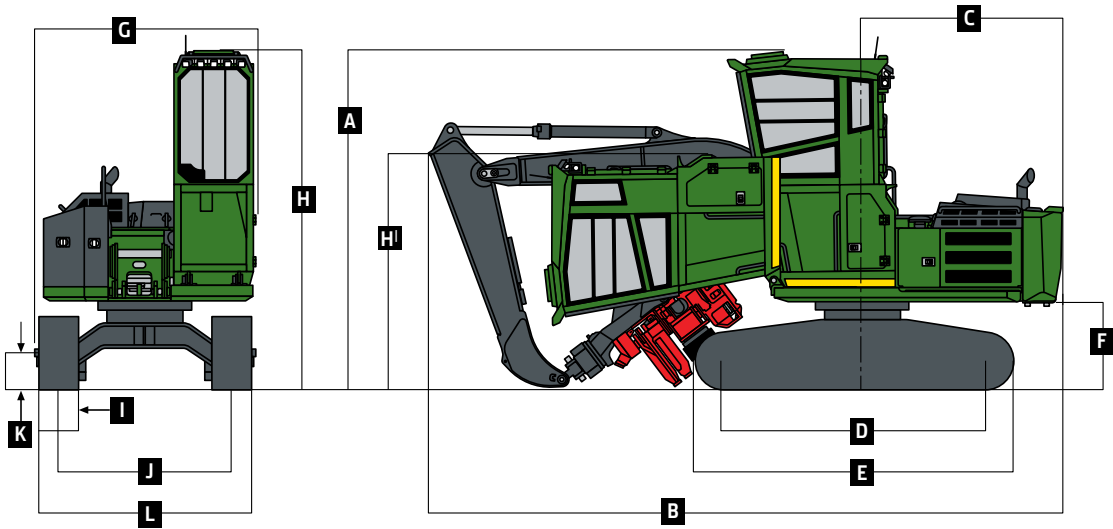


Machine Dimensions (continued)

2154G Processor – Low Cab



2154G Processor – High Cab



**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 — 2154G Road Builder with 2.79-m (9 ft. 2 in.) undercarriage and 700-mm (28 in.) shoes; 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.)	
	Over Front	Over Side	Over Front	Over Side	Over Front	Over Side	Over Front	Over Side
7.6 m (25 ft.)			<b>5010</b>	<b>5010</b>	<b>5070</b>	<b>5070</b>		
			(11,040)	(11,040)	(11,170)	(11,170)		
6.1 m (20 ft.)			<b>5420</b>	<b>5420</b>	<b>5070</b>	<b>5070</b>		
			(11,950)	(11,950)	(11,160)	(11,160)		
4.6 m (15 ft.)	<b>9030</b>	<b>9030</b>	<b>6620</b>	<b>6620</b>	<b>5570</b>	<b>5570</b>	<b>5050</b>	<b>5050</b>
	(19,910)	(19,910)	(14,590)	(14,590)	(12,280)	(12,280)	(11,130)	(11,130)
3.1 m (10 ft.)			<b>8260</b>	<b>8260</b>	<b>6310</b>	<b>6310</b>	<b>5350</b>	<b>5350</b>
			(18,210)	(18,210)	(13,900)	(13,900)	(11,790)	(11,790)
1.5 m (5 ft.)			<b>9580</b>	<b>9580</b>	<b>6980</b>	<b>6980</b>	<b>5650</b>	<b>5650</b>
			(21,110)	(21,110)	(15,380)	(15,380)	(12,450)	(12,450)
Ground Line	<b>15 040</b>	<b>15 040</b>	<b>10 040</b>	<b>10 040</b>	<b>7330</b>	<b>7330</b>	<b>5770</b>	<b>5610</b>
	(33,160)	(33,160)	(22,140)	(22,140)	(16,160)	(16,160)	(12,710)	(12,370)
-1.5 m (-5 ft.)	<b>13 840</b>	<b>13 840</b>	<b>9700</b>	<b>9700</b>	<b>7180</b>	<b>7180</b>	<b>5420</b>	<b>5420</b>
	(30,510)	(30,510)	(21,380)	(21,380)	(15,830)	(15,830)	(11,940)	(11,940)
-3.1 m (-10 ft.)	<b>11 750</b>	<b>11 750</b>	<b>8520</b>	<b>8520</b>	<b>6260</b>	<b>6260</b>		
	(25,900)	(25,900)	(18,780)	(18,780)	(13,790)	(13,790)		

**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 — 2154G Processor with 2.79-m (9 ft. 2 in.) undercarriage and 700-mm (28 in.) shoes; 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.)	
	Over Front	Over Side	Over Front	Over Side	Over Front	Over Side	Over Front	Over Side
7.6 m (25 ft.)					<b>4680</b> (10,320)	<b>4680</b> (10,320)		
6.1 m (20 ft.)			4920 (10,850)	4920 (10,850)	4780 (10,530)	4780 (10,530)	4730 (10,430)	4730 (10,430)
4.6 m (15 ft.)	7790 (17,180)	7790 (17,180)	6140 (13,530)	6140 (13,530)	5330 (11,750)	5330 (11,750)	4900 (10,790)	4900 (10,790)
3.1 m (10 ft.)	12 610 (27,800)	12 610 (27,800)	7880 (17,370)	7880 (17,370)	6130 (13,520)	6130 (13,520)	5260 (11,590)	5260 (11,590)
1.5 m (5 ft.)	15 740 (34,680)	15 740 (34,680)	9430 (20,780)	9430 (20,780)	6920 (15,240)	6920 (15,240)	5640 (12,430)	5440 (11,990)
Ground Line	15 860 (34,950)	15 860 (34,950)	10 180 (22,430)	10 180 (22,430)	7400 (16,320)	7230 (15,930)	5860 (12,920)	5330 (11,750)
-1.5 m (-5 ft.)	14 880 (32,800)	14 880 (32,800)	10 080 (22,220)	10 080 (22,220)	7420 (16,360)	7130 (15,720)	5730 (12,630)	5290 (11,660)
-3.1 m (-10 ft.)	13 010 (28,680)	13 010 (28,680)	9160 (20,190)	9160 (20,190)	6770 (14,920)	6770 (14,920)		

## 2156G

Engine	2156G Valve-in-Head (VIH) Log Loader / Live-Heel Log Loader	
	U.S. and U.S. Territories	Rest of World (ROW)
Manufacturer and Model	John Deere PowerTech™ PVS 6.8 L	John Deere PowerTech™ Plus 6.8 L
Non-Road Emission Standards	EPA Final Tier 4/EU Stage IV	EPA Tier 3/EU Stage IIIA
Net Rated Power (ISO 9249)	122 kW (164 hp) at 2,000 rpm	122 kW (164 hp) at 2,000 rpm
Cylinders	6	6
Engine Displacement	6.8 L (415 cu. in.)	6.8 L (415 cu. in.)
Off-Level Capacity	70% (35 deg.)	70% (35 deg.)
Aspiration	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 w/ optional reversing fan	
Powertrain	2-speed propel with automatic shift	
Undercarriage	<i>Heavy Duty (HD)</i>	<i>Extreme Duty (XD)</i>
Maximum Travel Speed		
Low	3.2 km/h (2.0 mph)	2.9 km/h (1.8 mph)
High	4.8 km/h (3.0 mph)	4.7 km/h (2.9 mph)
Drawbar Pull	22 634 kgf (49,900 lbf)	25 435 kgf (56,075 lbf)
Hydraulics	Open center, pilot operated	
<b>Main Pumps</b>	2 variable-displacement pumps	
Maximum Rated Flow x 2	236 L/m (62.3 gpm)	
<b>System Operating Pressure</b>		
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 Final Tier 4/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)	5 LEDs (compartment and engine hood)
Undercarriage		
Rollers (per side)		
Carrier	2	
Track	8	
Shoes, Double Grousers (per side)		
HD	46	
XD	45	
Undercarriage Pitch		
HD	203 mm (8.0 in.)	
XD	216 mm (8.5 in.)	



Ground Pressure	2156G VIH Log Loader			2156G Live-Heel Log Loader		
Undercarriage	2.62-m (8 ft. 7 in.) HD	2.62-m (8 ft. 7 in.) XD	2.79-m (9 ft. 2 in.)	2.62-m (8 ft. 7 in.) HD	2.62-m (8 ft. 7 in.) XD	2.79-m (9 ft. 2 in.)
700-mm (28 in.) Double-Grouser Shoes	67.6 kPa (9.80 psi)*	62.9 kPa (9.12 psi)	58.2 kPa (8.44 psi)	68.2 kPa (9.89 psi)*	50.1 kPa (7.27 psi)†	58.7 kPa (8.51 psi)

\*600-mm (24 in.) double-grouser shoes. / †900-mm double-grouser shoes.

Swing Mechanism	2156G VIH Log Loader / Live-Heel Log Loader	
Swing Speed	12.6 rpm	
Swing Torque	74 376 Nm (54,857 lb.-ft.)	

Operator's Station	
Operator Height from Ground (eye level)	
Side-Entry Forestry Cab	2998 mm (9 ft. 11 in.)
Rear-Entry Log Loader Cab	4345 mm (14 ft. 4 in.)

Serviceability	
<b>Refill Capacities</b>	
Fuel Tank	800.0 L (211 gal.)
Cooling System	30.5 L (8.1 gal.)
Diesel Exhaust Fluid (DEF) Tank (FT4)	42.4 L (11.2 gal.)
Engine Crankcase (including filter)	20.0 L (20.6 qt.)
Hydraulic Tank Oil	136.0 L (36.0 gal.)

Operating Weights	2156G VIH Log Loader		2156G Live-Heel Log Loader	
With full fuel tank, 79-kg (175 lb.) operator, rear-entry forestry cab, 4923-kg (10,850 lb.) counterweight, 700-mm (28 in.) double-grouser shoes, FT4 engine, and 2.79-m (9 ft. 2 in.) undercarriage; no attachment included				
	EPA Final Tier 4/EU Stage IV	EPA Tier 3/EU Stage IIIA	EPA Final Tier 4/EU Stage IV	EPA Tier 3/EU Stage IIIA
SAE Operating Weight	30 882 kg (68,083 lb.)	30 655 kg (67,583 lb.)	31 169 kg (68,175 lb.)	30 942 kg (68,215 lb.)

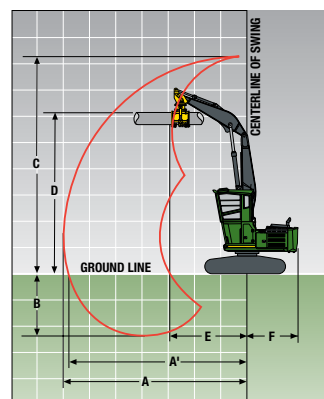
Optional Components (add weight)		
Side-Entry Cab	-671 kg (-1,480 lb.)	-671 kg (-1,480 lb.)
Rear-Entry Cab Forward	68 kg (150 lb.)	68 kg (150 lb.)
Undercarriage		
2.62-m (8 ft. 7 in.) HD	-106 kg (-233 lb.)	-106 kg (-233 lb.)
2.62-m (8 ft. 7 in.) XD	3134 kg (6,910 lb.)	3134 kg (6,910 lb.)

Operating Dimensions		
With 700-mm (28 in.) shoes, 4923-kg (10,850 lb.) counterweight, full fuel tank, 79-kg (175 lb.) operator, and standard equipment		
	4.32-m (14 ft. 2 in.) VIH Log Loader Arm	4.04-m (13 ft. 3 in.) Live-Heel Log Loader Arm
<b>A</b> Maximum Reach	9.93 m (32 ft. 7 in.)	10.97 m (36 ft. 0 in.)
<b>A</b> † Maximum Reach at Ground Level	9.70 m (31 ft. 10 in.)	10.77 m (35 ft. 4 in.)
<b>B</b> Maximum Working Depth	3.30 m (10 ft. 10 in.)	4.32 m (14 ft. 2 in.)
<b>C</b> Maximum Working Height	11.61 m (38 ft. 1 in.)	12.65 m (41 ft. 6 in.)
<b>D</b> Maximum Log-Level Height*	9.19 m (30 ft. 2 in.)	9.25 m (30 ft. 4 in.)†
<b>E</b> Minimum Swing Radius	4.57 m (15 ft. 0 in.)	4.24 m (13 ft. 11 in.)
<b>F</b> Tail Swing Radius	3.12 m (10 ft. 3 in.)	3.12 m (10 ft. 3 in.)

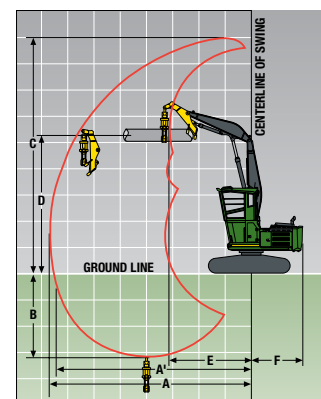
\*Attachment dependent.

†Log resting on heel rack front plate.

### 2156G VIH



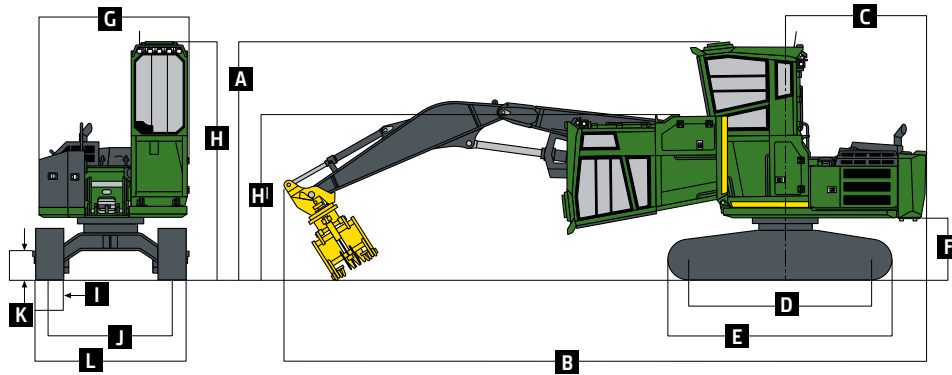
### 2156G Live Heel



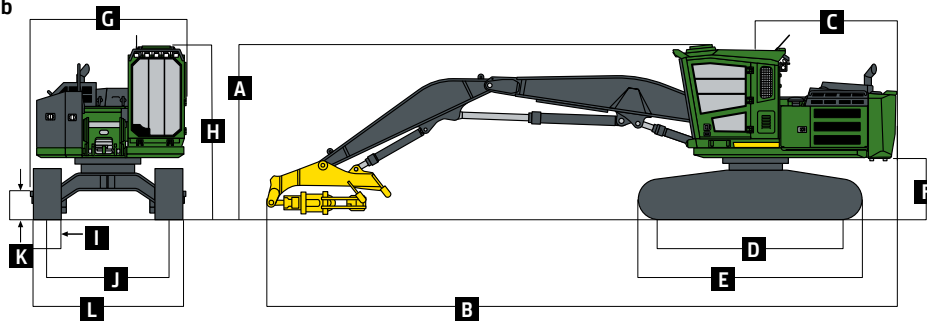
# 2156G

Machine Dimensions	2156G VIH Log Loader	2156G Live-Heel Log Loader	2156G Live-Heel Log Loader	2156G Live-Heel Log Loader
<i>Undercarriage</i>	<i>2.62-m (8 ft. 7 in.) HD</i>	<i>2.79-m (9 ft. 2 in.)</i>	<i>2.62-m (8 ft. 7 in.) XD</i>	<i>2.79-m (9 ft. 2 in.)</i>
<b>A</b> Height (rear-entry cab)	3.58 m (11 ft. 9 in.)	3.63 m (11 ft. 11 in.)	3.61 m (11 ft. 10 in.)	3.63 m (11 ft. 11 in.)
<b>B</b> Overall Length	13.67 m (44 ft. 10 in.)	13.67 m (44 ft. 10 in.)	13.49 m (44 ft. 3 in.)	13.49 m (44 ft. 3 in.)
<b>C</b> Rear-End Length / Swing Radius	3.10 m (10 ft. 2 in.)	3.10 m (10 ft. 2 in.)	3.10 m (10 ft. 2 in.)	3.10 m (10 ft. 2 in.)
<b>D</b> Distance Between Idler / Sprocket Centerline	3.66 m (12 ft. 0 in.)	3.66 m (12 ft. 0 in.)	3.73 m (12 ft. 3 in.)	3.66 m (12 ft. 0 in.)
<b>E</b> Undercarriage Length	4.45 m (14 ft. 7 in.)	4.45 m (14 ft. 7 in.)	4.70 m (15 ft. 5 in.)	4.45 m (14 ft. 7 in.)
<b>F</b> Counterweight Clearance	1.37 m (4 ft. 6 in.)	1.42 m (4 ft. 8 in.)	1.40 m (4 ft. 7 in.)	1.42 m (4 ft. 8 in.)
<b>G</b> Upperstructure Width	3.23 m (10 ft. 7 in.)	3.23 m (10 ft. 7 in.)	3.23 m (10 ft. 7 in.)	3.23 m (10 ft. 7 in.)
<b>H</b> Cab Height (rear-entry cab)	5.08 m (16 ft. 8 in.)	5.13 m (16 ft. 10 in.)	5.11 m (16 ft. 9 in.)	5.13 m (16 ft. 10 in.)
<b>H'</b> Tilted Cab Height (rear-entry cab)	3.58 m (11 ft. 9 in.)	3.63 m (11 ft. 11 in.)	3.61 m (11 ft. 10 in.)	3.63 m (11 ft. 11 in.)
<b>I</b> Track Shoe Width	0.61 m (24 in.) w/ 600-mm (24 in.) shoes	0.71 m (28 in.) w/ 700-mm (28 in.) shoes	0.91 m (36 in.) w/ 900-mm (36 in.) shoes	0.71 m (28 in.) w/ 700-mm (28 in.) shoes
<b>J</b> Center of Sprocket to Center of Sprocket	2.62 m (8 ft. 7 in.)	2.79 m (9 ft. 2 in.)	2.62 m (8 ft. 7 in.)	2.79 m (9 ft. 2 in.)
<b>K</b> Ground Clearance	0.71 m (28 in.)	0.76 m (30 in.)	0.71 m (28 in.)	0.76 m (30 in.)
<b>L</b> Undercarriage Width	3.30 m (10 ft. 10 in.) w/ 600-mm (24 in.) shoes	3.51 m (11 ft. 6 in.) w/ 700-mm (28 in.) shoes	3.53 m (11 ft. 7 in.) w/ 900-mm (36 in.) shoes	3.51 m (11 ft. 6 in.) w/ 700-mm (28 in.) shoes

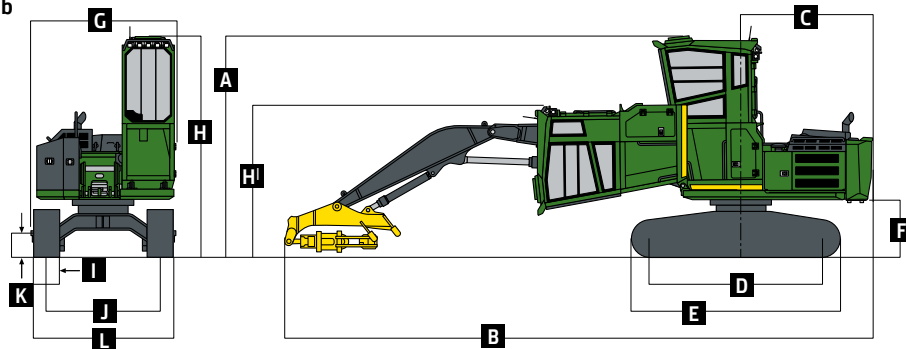
2156G VIH



2156G Live Heel – Low Cab



2156G Live Heel – High Cab



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.

Lift Capacity — 2156G Vih Log Loader with 2.79-m (9 ft. 2 in.) undercarriage and 700-mm (28 in.) shoes; 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.)	
	Over Front	Over Side	Over Front	Over Side	Over Front	Over Side	Over Front	Over Side
10.7 m (35 ft.)	<b>11 700</b> <b>(25,800)</b>	<b>11 700</b> <b>(25,800)</b>						
9.1 m (30 ft.)	<b>10 240</b> <b>(22,570)</b>	<b>10 240</b> <b>(22,570)</b>	<b>9110</b> <b>(20,070)</b>	8820 (19,440)				
7.6 m (25 ft.)			<b>8770</b> <b>(19,340)</b>	<b>8770</b> <b>(19,340)</b>	7900 (17,410)	6210 (13,690)		
6.1 m (20 ft.)	<b>10 360</b> <b>(22,830)</b>	<b>10 360</b> <b>(22,830)</b>	<b>8970</b> <b>(19,770)</b>	8860 (19,540)	7910 (17,420)	6210 (13,700)		
4.6 m (15 ft.)	<b>11 620</b> <b>(25,600)</b>	<b>11 620</b> <b>(25,600)</b>	<b>9540</b> <b>(21,030)</b>	8630 (19,010)	7790 (17,170)	6110 (13,460)	5840 (12,880)	4580 (10,100)
3.1 m (10 ft.)			<b>10 260</b> <b>(22,600)</b>	8280 (18,250)	7610 (16,780)	5940 (13,090)	5770 (12,720)	4520 (9,950)
1.5 m (5 ft.)			<b>10 350</b> <b>(22,820)</b>	7920 (17,450)	7420 (16,350)	5760 (12,690)	5690 (12,540)	4430 (9,770)
Ground Line	<b>14 380</b> <b>(31,700)</b>	11 580 (25,520)	10 050 (22,150)	7640 (16,840)	7270 (16,010)	5610 (12,370)	5630 (12,400)	4380 (9,640)
-1.5 m (-5 ft.)	<b>12 630</b> <b>(27,830)</b>	11 360 (25,040)	<b>9450</b> <b>(20,830)</b>	7500 (16,530)	<b>7070</b> <b>(15,580)</b>	5540 (12,210)	<b>4490</b> <b>(9,910)</b>	4380 (9,650)
-3.1 m (-10 ft.)	<b>9380</b> <b>(20,670)</b>	<b>9380</b> <b>(20,670)</b>	<b>7160</b> <b>(15,780)</b>	<b>7160</b> <b>(15,780)</b>				

Lift Capacity — 2156G Live-Heel Log Loader with 2.62-m (8 ft. 7 in.) XD undercarriage and 900-mm (36 in.) shoes; 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.)		10.7 m (35 ft.)	
	Over Front	Over Side	Over Front	Over Side	Over Front	Over Side	Over Front	Over Side	Over Front	Over Side	Over Front	Over Side
12.2 m (40 ft.)	<b>15 740</b> <b>(34,680)</b>	<b>15 740</b> <b>(34,680)</b>										
10.7 m (35 ft.)			<b>9790</b> <b>(21,580)</b>	<b>9790</b> <b>(21,580)</b>	<b>8750</b> <b>(19,290)</b>	<b>8750</b> <b>(19,290)</b>						
9.1 m (30 ft.)					<b>7820</b> <b>(17,240)</b>	<b>7820</b> <b>(17,240)</b>	<b>7150</b> <b>(15,750)</b>	6340 (13,980)				
7.6 m (25 ft.)					<b>7670</b> <b>(16,900)</b>	<b>7670</b> <b>(16,900)</b>	<b>6910</b> <b>(15,220)</b>	6600 (14,540)	6270 (13,820)	4890 (10,780)		
6.1 m (20 ft.)					<b>7930</b> <b>(17,480)</b>	<b>7930</b> <b>(17,480)</b>	<b>7040</b> <b>(15,510)</b>	6610 (14,570)	<b>6180</b> <b>(13,630)</b>	4930 (10,860)		
4.6 m (15 ft.)			<b>9660</b> <b>(21,290)</b>	<b>9660</b> <b>(21,290)</b>	<b>8630</b> <b>(19,020)</b>	<b>8630</b> <b>(19,020)</b>	<b>7350</b> <b>(16,190)</b>	6520 (14,370)	6130 (13,520)	4760 (10,500)	4760 (10,500)	3670 (8,090)
3.1 m (10 ft.)			<b>11 450</b> <b>(25,240)</b>	<b>11 450</b> <b>(25,240)</b>	<b>9420</b> <b>(20,760)</b>	9130 (20,120)	<b>7700</b> <b>(16,960)</b>	6360 (14,010)	6110 (13,470)	4740 (10,450)	4750 (10,470)	3660 (8,070)
1.5 m (5 ft.)			<b>13 190</b> <b>(29,080)</b>	<b>13 190</b> <b>(29,080)</b>	<b>10 090</b> <b>(22,240)</b>	8710 (19,200)	<b>7900</b> <b>(17,420)</b>	6170 (13,590)	6020 (13,270)	4660 (10,270)	4710 (10,370)	3620 (7,970)
Ground Line			<b>13 950</b> <b>(30,740)</b>	12 810 (28,230)	<b>10 200</b> <b>(22,490)</b>	8360 (18,430)	7800 (17,190)	6000 (13,220)	5900 (13,000)	4540 (10,010)	<b>4170</b> <b>(9,180)</b>	3580 (7,890)
-1.5 m (-5 ft.)	<b>6330</b> <b>(13,960)</b>	<b>6330</b> <b>(13,960)</b>	<b>13 230</b> <b>(29,160)</b>	12 410 (27,350)	<b>9640</b> <b>(21,250)</b>	8140 (17,930)	7510 (16,560)	5860 (12,920)	<b>5330</b> <b>(11,750)</b>	4470 (9,850)		
-3.1 m (-10 ft.)	<b>8770</b> <b>(19,320)</b>	<b>8770</b> <b>(19,320)</b>	<b>10 930</b> <b>(24,100)</b>	<b>10 930</b> <b>(24,100)</b>	<b>8210</b> <b>(18,100)</b>	8090 (17,820)	<b>6570</b> <b>(14,490)</b>	5830 (12,850)	<b>3650</b> <b>(8,050)</b>	<b>3650</b> <b>(8,050)</b>		

Lift Capacity — 2156G Live-Heel Log Loader with 2.79-m (9 ft. 2 in.) undercarriage and 700-mm (28 in.) shoes; 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.)		10.7 m (35 ft.)	
	Over Front	Over Side	Over Front	Over Side	Over Front	Over Side	Over Front	Over Side	Over Front	Over Side	Over Front	Over Side
12.2 m (40 ft.)	<b>15 740</b> <b>(34,680)</b>	<b>15 740</b> <b>(34,680)</b>										
10.7 m (35 ft.)			<b>9790</b> <b>(21,580)</b>	<b>9790</b> <b>(21,580)</b>	<b>8750</b> <b>(19,290)</b>	7840 (17,290)						
9.1 m (30 ft.)					<b>7820</b> <b>(17,240)</b>	<b>7820</b> <b>(17,240)</b>	<b>7150</b> <b>(15,750)</b>	5580 (12,300)				
7.6 m (25 ft.)					<b>7670</b> <b>(16,900)</b>	<b>7670</b> <b>(16,900)</b>	<b>6910</b> <b>(15,220)</b>	5840 (12,870)	<b>5570</b> <b>(12,270)</b>	4290 (9,450)		
6.1 m (20 ft.)					<b>7930</b> <b>(17,480)</b>	<b>7930</b> <b>(17,480)</b>	<b>7040</b> <b>(15,510)</b>	6610 (12,900)	5850 (12,350)	4320 (9,530)		
4.6 m (15 ft.)			<b>9660</b> <b>(21,290)</b>	<b>9660</b> <b>(21,290)</b>	<b>8630</b> <b>(19,020)</b>	8440 (18,600)	<b>7350</b> <b>(16,190)</b>	5760 (12,690)	5440 (11,980)	4160 (9,170)	4180 (9,220)	3170 (6,980)
3.1 m (10 ft.)			<b>11 450</b> <b>(25,240)</b>	<b>11 450</b> <b>(25,240)</b>	<b>9330</b> <b>(20,560)</b>	8120 (17,890)	7290 (16,070)	5600 (12,340)	5420 (11,950)	4150 (9,150)	4170 (9,180)	3150 (6,950)
1.5 m (5 ft.)			<b>13 190</b> <b>(29,080)</b>	11 880 (26,180)	<b>10 040</b> <b>(22,120)</b>	7700 (16,970)	7090 (15,630)	5410 (11,920)	5320 (11,725)	4050 (8,930)	4120 (9,080)	3110 (6,850)
Ground Line			<b>10 540</b> <b>(23,230)</b>	<b>10 540</b> <b>(23,230)</b>	<b>9790</b> <b>(21,570)</b>	7350 (16,190)	6910 (15,230)	5240 (11,550)	5200 (11,460)	3940 (8,680)	4090 (9,020)	3080 (6,790)
-1.5 m (-5 ft.)	<b>6330</b> <b>(13,960)</b>	<b>6330</b> <b>(13,960)</b>	<b>13 270</b> <b>(29,240)</b>	10 920 (24,070)	<b>9480</b> <b>(20,900)</b>	7060 (15,570)	6770 (14,930)	5110 (11,270)	5140 (11,330)	3880 (8,550)		
-3.1 m (-10 ft.)	<b>8770</b> <b>(19,320)</b>	<b>8770</b> <b>(19,320)</b>	<b>10 930</b> <b>(24,100)</b>	10 710 (23,610)	<b>8210</b> <b>(18,100)</b>	7070 (15,590)	<b>6570</b> <b>(14,490)</b>	5070 (11,180)	<b>3650</b> <b>(8,050)</b>	<b>3650</b> <b>(8,050)</b>		

## 2654G



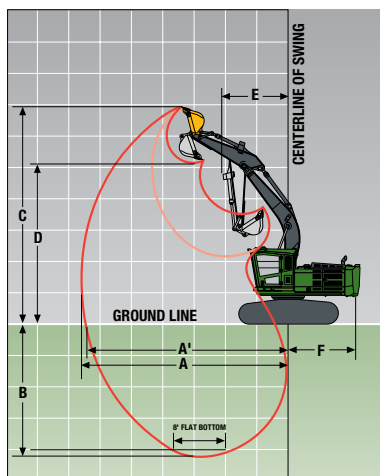
Engine	2654G Road Builder / Processor	
	U.S., U.S. Territories	Rest of World (ROW)
Manufacturer and Model	John Deere PowerTech™ PVS 6.8 L	John Deere PowerTech™ Plus 6.8 L
Non-Road Emission Standards	EPA Final Tier 4/EU Stage IV	EPA Tier 3/EU Stage IIIA
Net Rated Power (ISO 9249)	145 kW (194 hp) at 2,100 rpm	145 kW (194 hp) at 2,100 rpm
Cylinders	6	6
Engine Displacement	6.8 L (415 cu. in.)	6.8 L (415 cu. in.)
Off-Level Capacity	70% (35 deg.)	70% (35 deg.)
Aspiration	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
<b>Cooling</b>		
Fan Drive	Cool-on-demand hydraulic-driven, suction-type fan remote-mounted drive w/ optional reversing fan	
<b>Powertrain</b>		
2-speed propel with automatic shift		
Maximum Travel Speed		
Low	2.9 km/h (1.8 mph)	
High	4.7 km/h (2.9 mph)	
Drawbar Pull	25 435 kgf (56,075 lbf)	
<b>Hydraulics</b>		
Open center, pilot operated		
<b>Main Pumps</b>	2 variable-displacement pumps	
Maximum Rated Flow x 2	248 L/m (65.5 gpm)	
<b>System Operating Pressure</b>		
Implement Circuits	34 300 kPa (4,975 psi)	
Power Boost	38 000 kPa (5,511 psi)	
Controls	Pilot levers; short-stroke, low-effort hydraulic pilot with shutoff lever	
<b>Electrical</b>		
	<i>EPA Final Tier 4/EU Stage IV</i>	<i>EPA Tier 3/EU Stage IIIA</i>
System Voltage	24 volt	24 volt
Alternator Rating	150 amp	130 amp
<b>Lights</b>		
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)	
<b>Undercarriage</b>		
	<i>2.62-m (8 ft. 7 in.)</i>	<i>2.79-m (9 ft. 2 in.) LC</i>
Rollers (per side)		
Carrier	2	
Track	8	
Shoes, Double Grousers (per side)	48	
Undercarriage Pitch	216 mm (8.5 in.)	



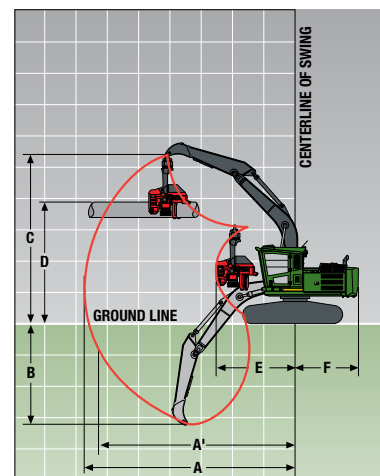


Ground Pressure		2654G Road Builder	2654G Processor	
Undercarriage		2.62-m (8 ft. 7 in.)	2.79-m (9 ft. 2 in.) LC	2.62-m (8 ft. 7 in.)
700-mm (28 in.) Double-Grouser Shoes		61.5 kPa (8.92 psi)	56.2 kPa (8.15 psi)	2.79-m (9 ft. 2 in.) LC
Swing Mechanism		2654G Road Builder / Processor		
Swing Speed		10.6 rpm		
Swing Torque		107 869 Nm (79,560 lb.-ft.)		
Operator's Station				
Operator Height from Ground (eye level)				
Side-Entry Forestry Cab		3085 mm (10 ft. 2 in.)		
Rear-Entry Log Loader Cab		4432 mm (14 ft. 6 in.)		
Serviceability				
Refill Capacities				
Fuel Tank		800.0 L (211 gal.)		
Cooling System		23.0 L (6.0 gal.)		
Diesel Exhaust Fluid (DEF) Tank (FT4)		42.4 L (11.2 gal.)		
Engine Crankcase (including filter)		20.0 L (20.6 qt.)		
Hydraulic Tank Oil		136.0 L (36.0 gal.)		
Operating Weights		2654G Road Builder	2654G Processor	
With full fuel tank, 79-kg (175 lb.) operator, side-entry forestry cab, 4551-kg (10,030 lb.) counterweight, 700-mm (28 in.) double-grouser shoes, FT4 engine, and 2.62-m (8 ft. 7 in.) undercarriage; no attachment included				
		EPA Final Tier 4/EU Stage IV	EPA Tier 3/EU Stage IIIA	EPA Final Tier 4/EU Stage IV
SAE Operating Weight		33 272 kg (73,353 lb.)	33 046 kg (72,853 lb.)	34 317 kg (75,656 lb.)
				EPA Tier 3/EU Stage IIIA
SAE Operating Weight				34 090 kg (75,156 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.)
2.79-m (9 ft. 2 in.) LC Undercarriage		790 kg (1,741 lb.)		790 kg (1,741 lb.)
Operating Dimensions				
With 700-mm (28 in.) shoes, 4551-kg (10,030 lb.) counterweight, full fuel tank, 79-kg (175 lb.) operator, and standard equipment				
		2.95-m (9 ft. 8 in.) Arm; 996-kg (2,195 lb.), 1.06-m <sup>3</sup> (1.38 cu. yd.), 1065-mm (42 in.) Bucket		3.40-m (11 ft. 2 in.) Processor Arm
A	Maximum Reach	10.16 m (33 ft. 4 in.)		8.94 m (29 ft. 4 in.)
A'	Maximum Reach at Ground Level	9.91 m (32 ft. 6 in.)		8.64 m (28 ft. 4 in.)
B	Maximum Working Depth	6.25 m (20 ft. 6 in.)		4.85 m (15 ft. 11 in.)
C	Maximum Working Height	10.64 m (34 ft. 11 in.)		9.88 m (32 ft. 5 in.)
D	Maximum Log-Level Height	7.95 m (26 ft. 1 in.)		7.47 m (24 ft. 6 in.)
E	Minimum Swing Radius	3.23 m (10 ft. 7 in.)		2.82 m (9 ft. 3 in.)
F	Tail Swing Radius	3.15 m (10 ft. 4 in.)		3.15 m (10 ft. 4 in.)

2654G Road Builder



2654G Processor

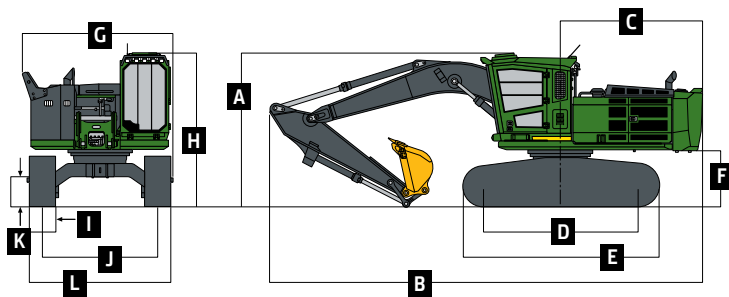


Machine not exactly as shown. Illustrations for dimensioning purposes only.

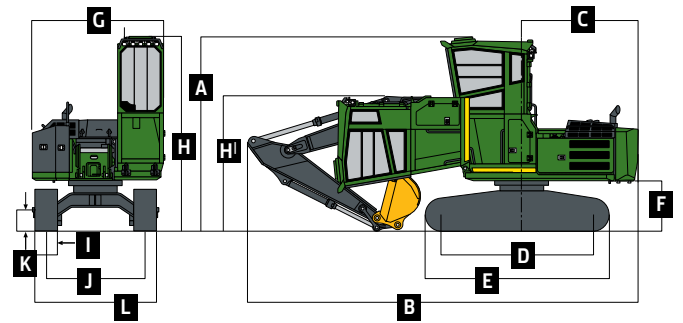
# 2654G

Machine Dimensions	2654G Road Builder		2654G Processor	
Undercarriage	2.62-m (8 ft. 7 in.)	2.79-m (9 ft. 2 in.) LC	2.62-m (8 ft. 7 in.)	2.79-m (9 ft. 2 in.) LC
A Height (side-entry cab)	3.78 m (12 ft. 5 in.)	3.84 m (12 ft. 7 in.)	3.96 m (13 ft. 0 in.)	3.96 m (13 ft. 0 in.)
B Overall Length	10.16 m (33 ft. 4 in.)	10.16 m (33 ft. 4 in.)	10.21 m (33 ft. 6 in.)	10.21 m (33 ft. 6 in.)
C Rear-End Length / Swing Radius	3.15 m (10 ft. 4 in.)	3.15 m (10 ft. 4 in.)	3.15 m (10 ft. 4 in.)	3.15 m (10 ft. 4 in.)
D Distance Between Idler / Sprocket Centerline	3.73 m (12 ft. 3 in.)	4.06 m (13 ft. 4 in.)	3.73 m (12 ft. 3 in.)	4.06 m (13 ft. 4 in.)
E Undercarriage Length	4.70 m (15 ft. 5 in.)	5.03 m (16 ft. 6 in.)	4.70 m (15 ft. 5 in.)	5.03 m (16 ft. 6 in.)
F Counterweight Clearance	1.40 m (4 ft. 7 in.)	1.45 m (4 ft. 9 in.)	1.40 m (4 ft. 7 in.)	1.45 m (4 ft. 9 in.)
G Upperstructure Width	3.38 m (11 ft. 1 in.)	3.38 m (11 ft. 1 in.)	3.38 m (11 ft. 1 in.)	3.38 m (11 ft. 1 in.)
H Cab Height (side-entry cab)	3.78 m (12 ft. 5 in.)	3.84 m (12 ft. 7 in.)	3.78 m (12 ft. 5 in.)	3.84 m (12 ft. 7 in.)
H <sup>I</sup> Tilted Cab Height (rear-entry cab)	3.71 m (12 ft. 2 in.)	3.76 m (12 ft. 4 in.)	3.71 m (12 ft. 2 in.)	3.76 m (12 ft. 4 in.)
I Track Width with 700-mm (28 in.) Double-Grouser Shoes	0.71 m (28 in.)	0.71 m (28 in.)	0.71 m (28 in.)	0.71 m (28 in.)
J Center of Sprocket to Center of Sprocket	2.62 m (8 ft. 7 in.)	2.79 m (9 ft. 2 in.)	2.62 m (8 ft. 7 in.)	2.79 m (9 ft. 2 in.)
K Ground Clearance	0.71 m (28 in.)	0.76 m (30 in.)	0.71 m (28 in.)	0.76 m (30 in.)
L Undercarriage Width with 700-mm (28 in.) Double-Grouser Shoes	3.33 m (10 ft. 11 in.)	3.53 m (11 ft. 6 in.)	3.33 m (10 ft. 11 in.)	3.53 m (11 ft. 6 in.)

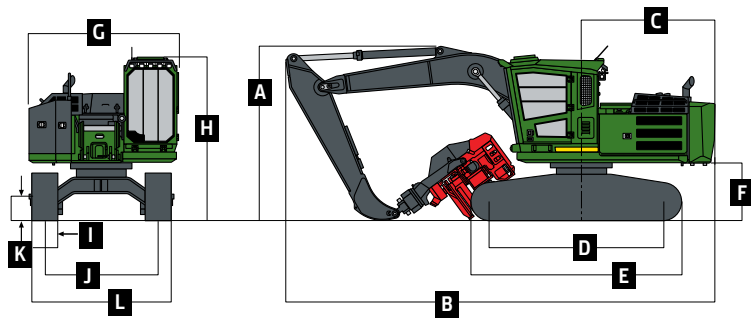
2654G Road Builder – Low Cab



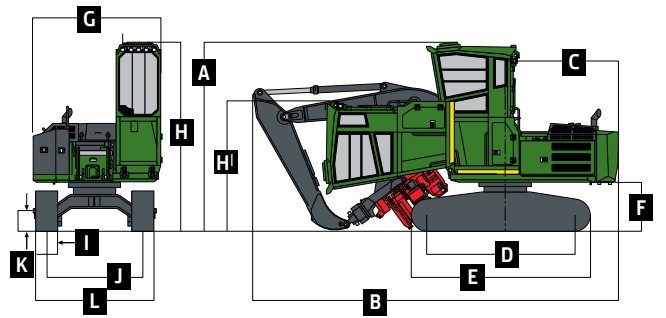
2654G Road Builder – High Cab



2654G Processor – Low Cab



2654G Processor – High Cab



Attachment weight is not included when calculating the lift capacities.

2654G

**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 — 2654G Road Builder with 2.79-m (9 ft. 2 in.) LC undercarriage and 700-mm (28 in.) shoes; 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.)	
	Over Front	Over Side	Over Front	Over Side	Over Front	Over Side	Over Front	Over Side
7.6 m (25 ft.)					<b>5480</b>	<b>5480</b>		
					(12,070)	(12,070)		
6.1 m (20 ft.)					<b>5720</b>	<b>5720</b>	<b>5490</b>	<b>5490</b>
					(12,610)	(12,610)	(12,090)	(12,090)
4.6 m (15 ft.)	<b>11 490</b>	<b>11 490</b>	<b>7860</b>	<b>7860</b>	<b>6430</b>	<b>6430</b>	<b>5720</b>	<b>5720</b>
	(25,320)	(25,320)	(17,320)	(17,320)	(14,160)	(14,160)	(12,610)	(12,610)
3.1 m (10 ft.)			<b>9820</b>	<b>9820</b>	<b>7330</b>	<b>7330</b>	<b>6140</b>	<b>6140</b>
			(21,640)	(21,640)	(16,170)	(16,170)	(13,540)	(13,540)
1.5 m (5 ft.)			<b>11 250</b>	<b>11 250</b>	<b>8130</b>	<b>8130</b>	<b>6550</b>	<b>6250</b>
			(24,790)	(24,790)	(17,920)	(17,920)	(14,430)	(13,770)
Ground Line	<b>17 240</b>	<b>17 240</b>	<b>11 710</b>	<b>11 710</b>	<b>8550</b>	<b>8290</b>	<b>6750</b>	<b>6130</b>
	(37,990)	(37,990)	(25,810)	(25,810)	(18,850)	(18,270)	(14,870)	(13,500)
-1.5 m (-5 ft.)	<b>16 060</b>	<b>16 060</b>	<b>11 340</b>	<b>11 340</b>	<b>8450</b>	<b>8230</b>	<b>6520</b>	<b>6110</b>
	(35,390)	(35,390)	(25,000)	(25,000)	(18,620)	(18,140)	(14,360)	(13,480)
-3.1 m (-10 ft.)	<b>13 930</b>	<b>13 930</b>	<b>10 150</b>	<b>10 150</b>	<b>7580</b>	<b>7580</b>		
	(30,690)	(30,690)	(22,360)	(22,360)	(16,700)	(16,700)		

Lift Capacity — 2654G Processor with 2.79-m (9 ft. 2 in.) LC undercarriage and 700-mm (28 in.) shoes; 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.)	
	Over Front	Over Side	Over Front	Over Side	Over Front	Over Side	Over Front	Over Side
7.6 m (25 ft.)					<b>5090</b>	<b>5090</b>		
					(11,230)	(11,230)		
6.1 m (20 ft.)			<b>5710</b>	<b>5710</b>	<b>5410</b>	<b>5410</b>	<b>5250</b>	<b>5250</b>
			(12,590)	(12,590)	(11,920)	(11,920)	(11,570)	(11,570)
4.6 m (15 ft.)	<b>9960</b>	<b>9960</b>	<b>7330</b>	<b>7330</b>	<b>6170</b>	<b>6170</b>	<b>5570</b>	<b>5570</b>
	(21,960)	(21,960)	(16,150)	(16,150)	(13,610)	(13,610)	(12,280)	(12,280)
3.1 m (10 ft.)	<b>15 830</b>	<b>15 830</b>	<b>9430</b>	<b>9430</b>	<b>7170</b>	<b>7170</b>	<b>6070</b>	<b>6070</b>
	(34,880)	(34,880)	(20,780)	(20,780)	(15,810)	(15,810)	(13,370)	(13,370)
1.5 m (5 ft.)	<b>18 580</b>	<b>18 580</b>	<b>11 150</b>	<b>11 150</b>	<b>8100</b>	<b>8100</b>	<b>6560</b>	<b>6270</b>
	(40,950)	(40,950)	(24,570)	(24,570)	(17,840)	(17,840)	(14,450)	(13,820)
Ground Line	<b>18 410</b>	<b>18 410</b>	<b>11 930</b>	<b>11 930</b>	<b>8670</b>	<b>8310</b>	<b>6870</b>	<b>6130</b>
	(40,580)	(40,580)	(26,300)	(26,300)	(19,120)	(18,320)	(15,140)	(13,510)
-1.5 m (-5 ft.)	<b>17 370</b>	<b>17 370</b>	<b>11 840</b>	<b>11 840</b>	<b>8750</b>	<b>8210</b>	<b>6820</b>	<b>6080</b>
	(38,280)	(38,280)	(26,100)	(26,100)	(19,280)	(18,090)	(15,040)	(13,390)
-3.1 m (-10 ft.)	<b>15 440</b>	<b>15 440</b>	<b>10 910</b>	<b>10 910</b>	<b>8150</b>	<b>8150</b>		
	(34,040)	(34,040)	(24,050)	(24,050)	(17,960)	(17,960)		

## 2656G



Engine	2656G Valve-in-Head (VIH) Log Loader / Live-Heel Log Loader	
	U.S., U.S. Territories	Rest of World (ROW)
Manufacturer and Model	John Deere PowerTech™ PVS 6.8 L	John Deere PowerTech™ Plus 6.8 L
Non-Road Emission Standards	EPA Final Tier 4/EU Stage IV	EPA Tier 3/EU Stage IIIA
Net Rated Power (ISO 9249)	145 kW (194 hp) at 2,100 rpm	145 kW (194 hp) at 2,100 rpm
Cylinders	6	6
Engine Displacement	6.8 L (415 cu. in.)	6.8 L (415 cu. in.)
Off-Level Capacity	70% (35 deg.)	70% (35 deg.)
Aspiration	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
<b>Cooling</b>		
Fan Drive	Cool-on-demand hydraulic-driven, suction-type fan remote-mounted drive w/ optional reversing fan	
<b>Powertrain</b>		
2-speed propel with automatic shift		
Maximum Travel Speed		
Low	2.9 km/h (1.8 mph)	
High	4.7 km/h (2.9 mph)	
Drawbar Pull	25 435 kgf (56,075 lbf)	
<b>Hydraulics</b>		
Open center, pilot operated		
<b>Main Pumps</b>	2 variable-displacement pumps	
Maximum Rated Flow x 2	248 L/m (65.5 gpm)	
<b>System Operating Pressure</b>		
Implement Circuits	34 300 kPa (4,975 psi)	
Power Boost	38 000 kPa (5,511 psi)	
Controls	Pilot levers; short-stroke, low-effort hydraulic pilot with shutoff lever	
<b>Electrical</b>		
	<i>EPA Final Tier 4/EU Stage IV</i>	<i>EPA Tier 3/EU Stage IIIA</i>
System Voltage	24 volt	24 volt
Alternator Rating	150 amp	130 amp
<b>Lights</b>		
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)	
<b>Undercarriage</b>		
	2.79-m (9 ft. 2 in.) LC	
<b>Rollers (per side)</b>		
Carrier	2	
Track	9	
Shoes, Double Grousers (per side)	48	
Undercarriage Pitch	216 mm (8.5 in.)	

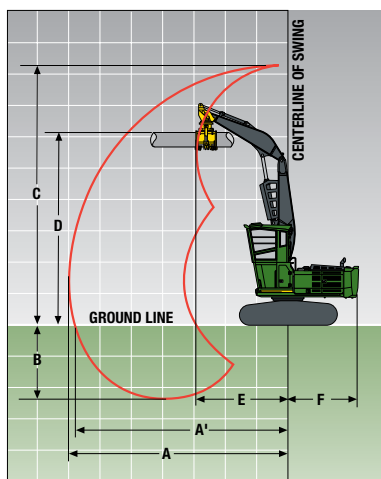


2656G VIH Log Loader		2656G Live-Heel Log Loader	
<b>Ground Pressure</b>	2.79-m (9 ft. 2 in.) LC	2.79-m (9 ft. 2 in.) LC	
Undercarriage	2.79-m (9 ft. 2 in.) LC	2.79-m (9 ft. 2 in.) LC	
700-mm (28 in.) Double-Grouser Shoes	60.7 kPa (8.80 psi)	61.3 kPa (8.89 psi)	
<b>Swing Mechanism</b>	2656G VIH Log Loader / Live-Heel Log Loader		
Swing Speed	10.6 rpm		
Swing Torque	107 869 Nm (79,560 lb.-ft.)		
<b>Operator's Station</b>			
Operator Height from Ground (eye level)			
Side-Entry Forestry Cab	3085 mm (10 ft. 2 in.)		
Rear-Entry Log Loader Cab	4432 mm (14 ft. 6 in.)		
<b>Serviceability</b>			
<b>Refill Capacities</b>			
Fuel Tank	800.0 L (211 gal.)		
Cooling System	23.0 L (6.0 gal.)		
Diesel Exhaust Fluid (DEF) Tank (FT4)	42.4 L (11.2 gal.)		
Engine Crankcase (including filter)	20.0 L (20.6 qt.)		
Hydraulic Tank Oil	136.0 L (36.0 gal.)		
<b>Operating Weights</b>		<b>2656G Live-Heel Log Loader</b>	
With full fuel tank, 79-kg (175 lb.) operator, rear-entry forestry cab, 5100-kg (11,240 lb.) counterweight, 700-mm (28 in.) double-grouser shoes, FT4 engine, and 2.79-m (9 ft. 2 in.) LC undercarriage; no attachment included			
	EPA Final Tier 4/EU Stage IV	EPA Tier 3/EU Stage IIIA	EPA Final Tier 4/EU Stage IV EPA Tier 3/EU Stage IIIA
SAE Operating Weight	35 925 kg (79,200 lb.)	35 698 kg (78,700 lb.)	36 252 kg (79,922 lb.) 36 025 kg (79,422 lb.)
<b>Optional Components (add weight)</b>			
Side-Entry Cab	-671 kg (1,480 lb.)		-671 kg (1,480 lb.)
Rear-Entry Cab Forward	68 kg (150 lb.)		68 kg (150 lb.)
<b>Operating Dimensions</b>			
With 700-mm (28 in.) shoes, 5100-kg (11,240 lb.) counterweight, full fuel tank, 79-kg (175 lb.) operator, and standard equipment			
	4.39-m (14 ft. 5 in.) VIH Log Loader Arm		4.10-m (13 ft. 5 in.) Live-Heel Log Loader Arm
<b>A</b> Maximum Reach	10.67 m (35 ft. 0 in.)		11.71 m (38 ft. 5 in.)
<b>A'</b> Maximum Reach at Ground Level	10.44 m (34 ft. 3 in.)		11.48 m (37 ft. 8 in.)
<b>B</b> Maximum Working Depth	3.63 m (11 ft. 11 in.)		4.78 m (15 ft. 8 in.)
<b>C</b> Maximum Working Height	12.78 m (41 ft. 11 in.)		13.79 m (45 ft. 3 in.)
<b>D</b> Maximum Log-Level Height	9.98 m (32 ft. 9 in.)*		9.64 m (31 ft. 8 in.) <sup>†</sup>
<b>E</b> Minimum Swing Radius	4.47 m (14 ft. 8 in.)		4.57 m (15 ft. 0 in.)
<b>F</b> Tail Swing Radius	3.15 m (10 ft. 4 in.)		3.15 m (10 ft. 4 in.)

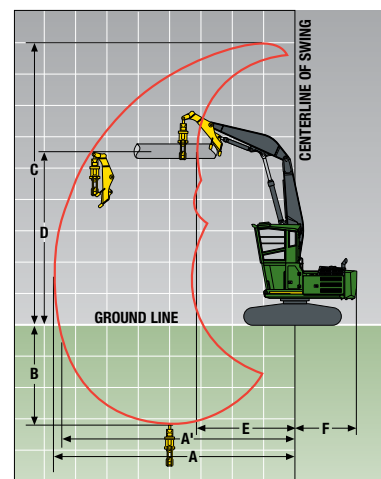
\*Attachment dependent.

<sup>†</sup>Log resting on heel rack front plate.

2656G VIH Log Loader



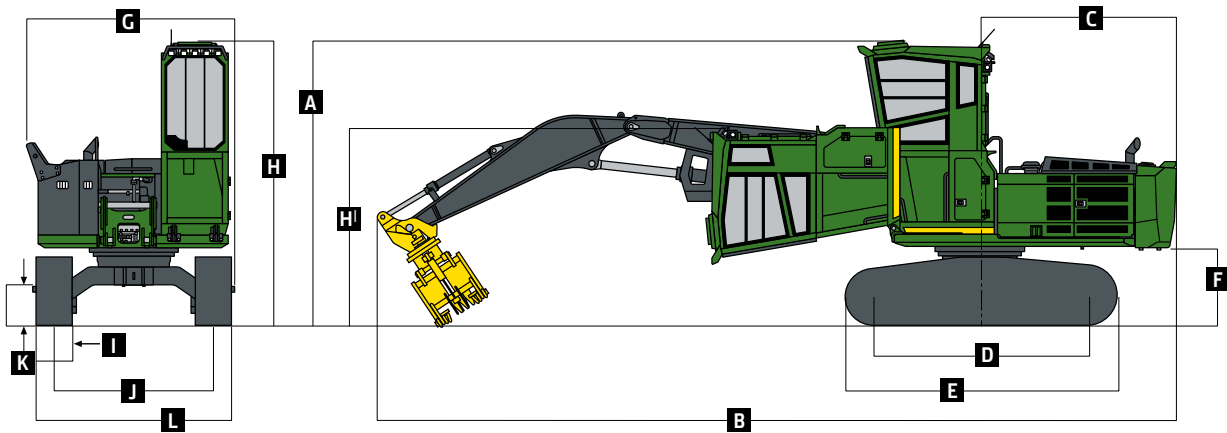
2656G Live-Heel Log Loader



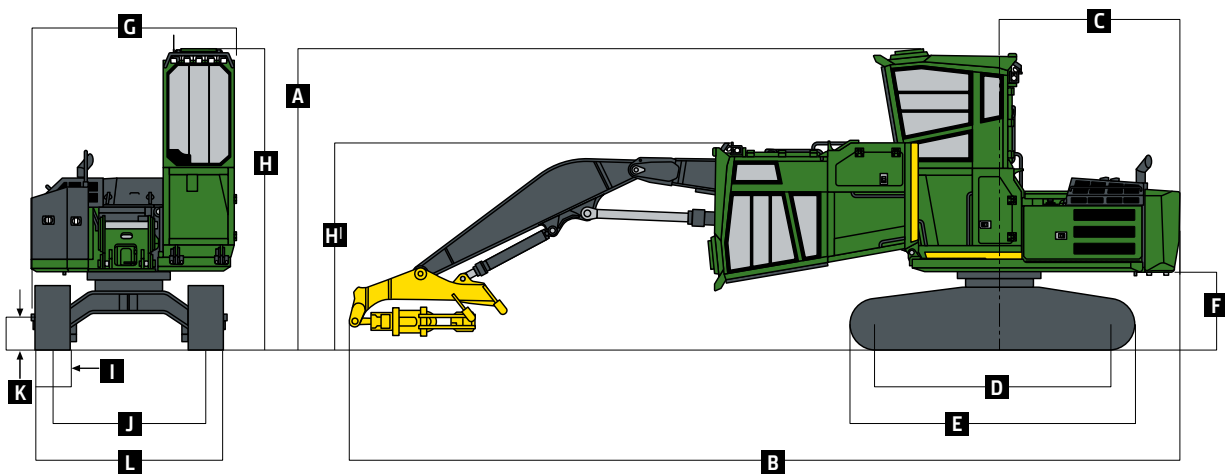
# 2656G

Machine Dimensions	2656G VIH Log Loader	2656G Live-Heel Log Loader
A Height (rear-entry cab)	3.76 m (12 ft. 4 in.)	3.76 m (12 ft. 4 in.)
B Overall Length	14.25 m (46 ft. 9 in.)	14.15 m (46 ft. 5 in.)
C Rear-End Length / Swing Radius	3.15 m (10 ft. 4 in.)	3.15 m (10 ft. 4 in.)
D Distance Between Idler / Sprocket Centerline	4.06 m (13 ft. 4 in.)	4.06 m (13 ft. 4 in.)
E Undercarriage Length	5.03 m (16 ft. 6 in.)	5.03 m (16 ft. 6 in.)
F Counterweight Clearance	1.45 m (4 ft. 9 in.)	1.45 m (4 ft. 9 in.)
G Upperstructure Width	3.38 m (11 ft. 1 in.)	3.38 m (11 ft. 1 in.)
H Cab Height (rear-entry cab)	5.18 m (17 ft. 0 in.)	5.18 m (17 ft. 0 in.)
H <sup>l</sup> Tilted Cab Height (rear-entry cab)	3.76 m (12 ft. 4 in.)	3.76 m (12 ft. 4 in.)
I Track Width with 700-mm (28 in.) Double-Grouser Shoes	0.71 m (28 in.)	0.71 m (28 in.)
J Center of Sprocket to Center of Sprocket	2.79 m (9 ft. 2 in.)	2.79 m (9 ft. 2 in.)
K Ground Clearance	0.76 m (30 in.)	0.76 m (30 in.)
L Undercarriage Width with 700-mm (28 in.) Double-Grouser Shoes	3.53 m (11 ft. 6 in.)	3.53 m (11 ft. 6 in.)

2656G VIH Log Loader



2656G Live-Heel Log Loader



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

**2656G**

**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.

<b>Lift Capacity — 2656G VIH Log Loader with 2.79-m (9 ft. 2 in.) LC undercarriage and 700-mm (28 in.) shoes; bare pin</b>												
<b>Load Point Height</b>	3.1 m (10 ft.)		4.6 m (15 ft.)		6.1 m (20 ft.)		7.6 m (25 ft.)		9.1 m (30 ft.)		10.7 m (35 ft.)	
	Over Front	Over Side	Over Front	Over Side	Over Front	Over Side	Over Front	Over Side	Over Front	Over Side	Over Front	Over Side
12.2 m (40 ft.)	<b>17 930</b>	<b>17 930</b>										
	<b>(39,530)</b>	<b>(39,530)</b>										
10.7 m (35 ft.)			<b>11 400</b>	<b>11 400</b>	<b>10 700</b>	9810						
			<b>(25,130)</b>	<b>(25,130)</b>	<b>(22,190)</b>	(21,630)						
9.1 m (30 ft.)			<b>10 570</b>	<b>10 570</b>	<b>9260</b>	<b>9260</b>	<b>8410</b>	6960				
			<b>(23,290)</b>	<b>(23,290)</b>	<b>(20,420)</b>	<b>(20,420)</b>	<b>(18,530)</b>	(15,340)				
7.6 m (25 ft.)			<b>10 570</b>	<b>10 570</b>	<b>9200</b>	<b>9200</b>	<b>8190</b>	7080	<b>7350</b>	5090		
			<b>(23,300)</b>	<b>(23,300)</b>	<b>(20,270)</b>	<b>(20,270)</b>	<b>(18,050)</b>	(15,590)	<b>(16,200)</b>	(11,220)		
6.1 m (20 ft.)			<b>11 370</b>	<b>11 370</b>	<b>9580</b>	<b>9580</b>	<b>8310</b>	7000	<b>7290</b>	5170		
			<b>(25,060)</b>	<b>(25,060)</b>	<b>(21,120)</b>	<b>(21,120)</b>	<b>(18,320)</b>	(15,430)	<b>(16,060)</b>	(11,400)		
4.6 m (15 ft.)					<b>10 280</b>	9660	<b>8600</b>	6820	<b>7330</b>	5100		
					<b>(22,660)</b>	(21,300)	<b>(18,950)</b>	(15,030)	<b>(16,160)</b>	(11,250)		
3.1 m (10 ft.)					<b>11 030</b>	9190	<b>8890</b>	6580	<b>7300</b>	4990		
					<b>(24,310)</b>	(20,260)	<b>(19,590)</b>	(14,500)	<b>(16,090)</b>	(11,000)		
1.5 m (5 ft.)					<b>11 430</b>	8740	<b>8960</b>	6340	<b>7170</b>	4870		
					<b>(25,190)</b>	(19,260)	<b>(19,750)</b>	(13,980)	<b>(15,800)</b>	(10,740)		
Ground Line					<b>11 120</b>	8420	<b>8590</b>	6170	<b>6620</b>	4790		
					<b>(24,510)</b>	(18,560)	<b>(18,940)</b>	(13,590)	<b>(14,580)</b>	(10,550)		
-1.5 m (-5 ft.)			<b>12 960</b>	12 610	<b>9900</b>	8270	<b>7560</b>	6080	<b>5370</b>	4770		
			<b>(28,570)</b>	(27,800)	<b>(21,810)</b>	(18,230)	<b>(16,660)</b>	(13,400)	<b>(11,830)</b>	(10,510)		
-3.1 m (-10 ft.)			<b>9630</b>	<b>9630</b>	<b>7600</b>	<b>7600</b>	<b>5550</b>	<b>5550</b>				
			<b>(21,220)</b>	<b>(21,220)</b>	<b>(16,750)</b>	<b>(16,750)</b>	<b>(12,230)</b>	<b>(12,230)</b>				

<b>Lift Capacity — 2656G Live-Heel Log Loader with 2.79-m (9 ft. 2 in.) LC undercarriage and 700-mm (28 in.) shoes; bare pin</b>												
<b>Load Point Height</b>	3.1 m (10 ft.)		4.6 m (15 ft.)		6.1 m (20 ft.)		7.6 m (25 ft.)		9.1 m (30 ft.)		10.7 m (35 ft.)	
	Over Front	Over Side	Over Front	Over Side	Over Front	Over Side	Over Front	Over Side	Over Front	Over Side	Over Front	Over Side
12.2 m (40 ft.)	<b>14 890</b>	<b>14 890</b>	<b>11 780</b>	<b>11 780</b>								
	<b>(32,810)</b>	<b>(32,810)</b>	<b>(25,960)</b>	<b>(25,960)</b>								
10.7 m (35 ft.)			<b>9780</b>	<b>9780</b>	<b>8480</b>	<b>8480</b>	<b>7540</b>	6610				
			<b>(21,560)</b>	<b>(21,560)</b>	<b>(18,680)</b>	<b>(18,680)</b>	<b>(16,610)</b>	(14,570)				
9.1 m (30 ft.)					<b>8010</b>	<b>8010</b>	<b>7170</b>	6350	<b>6490</b>	4750		
					<b>(17,660)</b>	<b>(17,660)</b>	<b>(15,810)</b>	(14,000)	<b>(14,310)</b>	(10,480)		
7.6 m (25 ft.)					<b>8170</b>	<b>8170</b>	<b>7160</b>	6530	<b>6300</b>	4480		
					<b>(18,000)</b>	<b>(18,000)</b>	<b>(15,770)</b>	(14,390)	<b>(13,890)</b>	(9,870)		
6.1 m (20 ft.)					<b>8630</b>	<b>8630</b>	<b>7370</b>	6550	<b>6370</b>	4580	5390	3520
					<b>(19,020)</b>	<b>(19,020)</b>	<b>(16,250)</b>	(14,430)	<b>(14,040)</b>	(10,090)	(11,870)	(7,760)
4.6 m (15 ft.)					<b>9020</b>	<b>9020</b>	<b>7760</b>	6390	<b>6510</b>	4550	5370	3510
					<b>(19,890)</b>	<b>(19,890)</b>	<b>(17,110)</b>	(14,090)	<b>(14,350)</b>	(10,020)	(11,840)	(7,740)
3.1 m (10 ft.)					<b>9730</b>	9150	<b>8140</b>	6170	<b>6630</b>	4510	5300	3440
					<b>(21,440)</b>	(20,170)	<b>(17,930)</b>	(13,600)	<b>(14,610)</b>	(9,940)	(11,680)	(7,590)
1.5 m (5 ft.)					<b>10 460</b>	8530	<b>8320</b>	5910	<b>6640</b>	4410	5210	3360
					<b>(23,060)</b>	(18,790)	<b>(18,340)</b>	(13,020)	<b>(14,630)</b>	(9,730)	(11,490)	(7,400)
Ground Line					<b>10 710</b>	8050	<b>8200</b>	5720	<b>6500</b>	4270	<b>4780</b>	3280
					<b>(23,600)</b>	(17,750)	<b>(18,080)</b>	(12,610)	<b>(14,330)</b>	(9,410)	<b>(10,540)</b>	(7,240)
-1.5 m (-5 ft.)			<b>13 670</b>	11 860	<b>10 030</b>	7700	<b>7780</b>	5570	<b>6170</b>	4180	<b>3720</b>	3270
			<b>(30,120)</b>	(26,150)	<b>(22,110)</b>	(16,960)	<b>(17,140)</b>	(12,270)	<b>(13,600)</b>	(9,220)	<b>(8,190)</b>	(7,210)
-3.1 m (-10 ft.)	<b>7490</b>	<b>7490</b>	<b>11 290</b>	<b>11 290</b>	<b>8470</b>	<b>8470</b>	<b>6720</b>	5540	<b>4360</b>	4140		
	<b>(16,510)</b>	<b>(16,510)</b>	<b>(24,880)</b>	<b>(24,880)</b>	<b>(18,670)</b>	<b>(18,670)</b>	<b>(14,810)</b>	(12,200)	<b>(9,620)</b>	(9,130)		
-4.6 m (-15 ft.)			<b>7520</b>	<b>7520</b>	<b>5800</b>	<b>5800</b>	<b>3980</b>	<b>3980</b>				
			<b>(16,570)</b>	<b>(16,570)</b>	<b>(12,790)</b>	<b>(12,790)</b>	<b>(8,780)</b>	<b>(8,780)</b>				



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