

2956G SWING MACHINE



MADE TO TAME YOUR TOUGHEST TIMBER.

When you work in the woods, you know that tackling timber is hardly routine. You have to be at the top of your game all day, every day. And that includes your equipment. So we asked for ideas on how to make our purpose-built swing machines even better from loggers just like you. After thousands of hours devoted to redesigning components, testing structures, and implementing updates to base weight, engine power, and hydraulic flow, our brand-new 2956G Swing Machine is more than ready to help you face whatever comes your way in the forest.

Heads-up to productivity

Compared to our 2656G Swing Machine, engine horsepower is 15-percent greater and hydraulic flow is five-percent more. These improvements optimize multifunctioning for efficient wood processing in roadside applications using a Waratah HTH624C processor head and swift loading of logging trucks.

It's all about the operator

Spacious side-entry cab is isolation mounted to reduce noise and vibration, cushion the ride in rough terrain, and minimize fatigue. Rear-entry cab features windows in the floor and injection-molded polycarbonate windows, boosting visibility to the tracks and work area. Ergonomically correct short-throw pilot levers provide smooth fingertip control with less motion or effort.

Deflect and protect

Durable log deflector with reinforced mounting enhances visibility and reduces the risk of machine damage. Sloped hood profile and alignment with the counterweight cleanly sheds debris. Rearview camera and light are protected within the counterweight.



Withstand wear and tear

The 2956G shares its dependable electrical architecture including simplified wiring harnesses and the number of connectors, fuses, and relays with our other swing-machine models. Purpose-built undercarriage X-frame and upper-frame structure deliver long life in the forest. Large, high-capacity coolers with optimized airflow help reduce hydraulic operating temperatures, maximizing component durability.

Make your move

Operating weight without attachment of under 90,000 pounds speeds machine movement between woodlots and eases transport including less restrictive permit requirements. Overall shipping width can be below 11½ feet depending on undercarriage configuration.

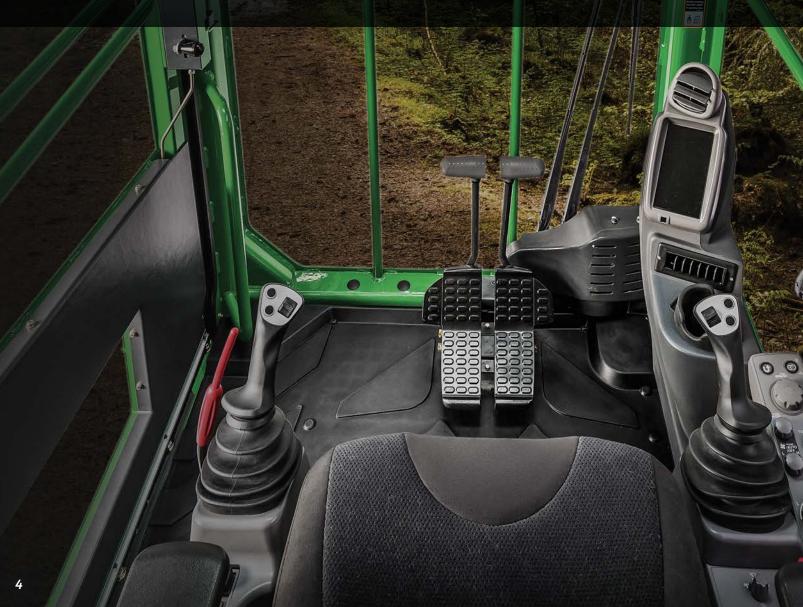
Service assistance

Hinged doors that open wide for convenient access to filters, routine service points, and the cooling system help ease daily checks and preventive maintenance.

2956G SWING MACHINE

PUT TECHNOLOGY TO WORK IN THE WOODS AND AT THE OFFICE.

Coordinate your operation and your team's productivity from wherever your work takes you with John Deere Precision Forestry and our core technology solutions.



FEATURES

Core intelligence

Your John Deere Forestry machine arrives from the factory equipped with a powerful set of technologies and capabilities already built in. Each plays an important role in managing the health and performance of your overall equipment fleet:

- JDLink[™] connectivity lets you track your equipment, see which machines are working, and know if they're being utilized properly and at maximum productivity and efficiency.
- Enabled through JDLink, John Deere Connected Support[™] leverages a suite of dealer and factory tools designed to deliver increased uptime and productivity, and lower daily operating costs.
- Remote Diagnostics and Programming Capability within John Deere Connected Support helps your dealer warn you of any issue with your machine — often before you know of the problem yourself — and initiate solutions without charging you for a technician's visit to your jobsite.
- Our advanced dual approach to Machine Health combines the expertise of the technology specialists at our dealerships with the data specialists at our central Machine Health Monitoring Center (MHMC). As part of John Deere Connected Support, information from thousands of connected machines flows through the MHMC, enabling our specialists to identify trends and develop new and improved preventative-maintenance and repair protocols.

Precision Forestry

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PRECISION FORESTRY

TOOLS ENABLE PRODUCTION

PLANNING & TRACKING

Take the guesswork out of planning, implementing, and monitoring your logging operation. The tools of our production-planning and -tracking system expand on the core technology features that come standard in every John Deere Forestry machine to unleash a powerful new array of possibilities:

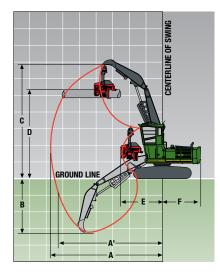
- TimberMatic[™] Maps is an innovative onboard software solution that helps you reimagine your jobsites. Real-time production views, optimized routes, and shared wireless connections between machines make it easier than ever before to take your forestry operation to the next level.
- TimberManager[™] is a web-based solution for PCs, tablets, and mobile phones that allows you to follow jobsite progress. Combined with TimberMatic Maps, this software provides complete visibility of your operation — from land harvested to specific machines — so you can streamline communication, analyze tasks, and increase productivity:
 - Remote Monitoring keeps tabs on the health and performance of your fleet from wherever you are.
 - Precise Progress Tracking lets you set goals for your team to meet throughout the day.
 - Live Production View displays progress including tree count, area harvested, and estimated tonnage.
 - Simplified Mapping of machine data and GPS-based location tracking shows precise stem and log counts.
 - Real-Time Updates let you adjust course or eliminate tasks if needed to maintain steady workflow.
 - Fleet Optimization goes beyond machine management to help improve the efficiency of your business.

2956G SWING MACHINE SPECIFICATIONS

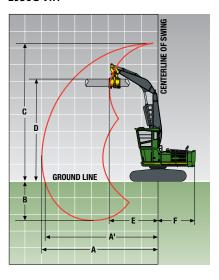
Engine	2956G Processor / Va	alve-in-Head (VIH) Log Loade	er / Live-Heel Log Loader	
Manufacturer and Model	John Deere PowerTee			
Non-Road Emission Standards	EPA Final Tier 4 (FT4			
Net Rated Power (ISO 9249)	166 kW (223 hp) at 1,9			
Cylinders	6			
Engine Displacement	6.8 L (415 cu. in.)			
Off-Level Capacity	70% (35 deg.)			
Aspiration		-air charge-air cooler		
Oil Filter, Remote Mounted	Full-flow spin-on filt			
Cooling				
Fan Drive	Cool-on-demand hvd	lraulic-driven, suction-type fa	n with remote-mounted drive with	standard reversing fan
Powertrain	j-	······································		g
2-speed propel with automatic shift				
Maximum Travel Speed				
Low	2.5 km/h (1.6 mph)			
High	3.9 km/h (2.4 mph)			
Drawbar Pull	30 350 kgf (66,910 lb	f)		
Hydraulics		·		
Open center, pilot operated				
Main Pumps	2 variable-displacem	ent pumps		
Maximum Rated Flow x 2	248 L/m (65.5 gpm)	• •		
System Operating Pressure	51			
Implement Circuits	34 300 kPa (4,975 ps	i)		
Power Boost	38 000 kPa (5,511 psi)		
Controls	Pilot levers; short-str	roke, low-effort hydraulic pilo	t with shutoff lever	
Electrical		i de la companya de l		
System Voltage	24 volt			
Alternator Rating	150 amp			
Lights (standard)				
Work	14 LEDs			
Service				
With Side-Entry Cab	5 LEDs (compartmen	ts)		
With Rear-Entry Cab	6 LEDs (compartmen	ts and riser)		
Access	1 LED (right rear cab)			
Undercarriage				
Rollers (per side)				
Carrier	2			
Track	9			
Shoes, Double Grousers (per side)	48			
Undercarriage Pitch	216 mm (8.5 in.)			
Ground Pressure	2956G Processor		2956G VIH Log Loader	2956G Live-Heel Log Loader
Undercarriage	2.69 m (8 ft. 10 in.)	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	67.2 kPa (9.75 psi)	68.4 kPa (9.92 psi)	67.1 kPa (9.73 psi)	68.5 kPa (9.93 psi)

Swing Speed 8.7 rpm Swing Speed 120 000 Nm (88,507 lbft.) Operator's Station Operator's Station Operator Height From Ground (eye level) Side-Entry Forestry Cab 3095 mm (10 ft. 2 in.) Rear-Entry Log Loader Cab 4441 mm (14 ft. 7 in.) Standard rearview camera Stardard rearview camera Serviceability Fuel Tank Refil Capacities Fuel Tank Fuel Tank 800.0 L (211.0 gal.) Cooling System 36.0 L (9.5 gal.) Diesel Exhaust Fluid (DEF) Tank 42.4 L (11.2 gal.) Engine Crankcase (including filter) 20.5 L (5.4 gal.) Pyderating Weights 2956 Forcessor 2956 VIH Log Loader 2956 Live-Heel Log Loader S4E Operating Weight 38 961 kg (85.894 lb.) 38 184 kg (84,181 lb.) 39 004 kg (85.989 lb.) S4E Operating Weight 38 961 kg (150 lb.) 671 kg (-1,480 lb.) -671 kg (-1,480 lb.) S22 m (9 ft. 7 in.) Undercarriage 68 kg (150 lb.) 68 kg (150 lb.) 68 kg (150 lb.) S29 m (9 ft. 7 in.) Undercarriage 68 kg (150 lb.) 678 kg (1,778 lb.) 678 kg (1,778 lb.)					
Swing Torque 120 000 Nm (88,507 lbft.) Operator Visition Visition Operator Visition Visition Side:Entry Forestry Cab 3095 mm (10 ft. 2 in.) Rear-Entry Log Loader Cab 4441 mm (14 ft. 7 in.) Standard rearview camera Serviceability Visition Visition Visition Stendard rearview camera Serviceability Rear-Entry Log Loader Cab 4441 mm (14 ft. 7 in.) Standard rearview camera Stendard rearview camera Serviceability Rear-Entry Log Loader Cab Visition Visition Cooling System 36.0 L (9.5 gal.) Visition Visition Visition Diesel Exhaust Fluid (DEF) Tank 42.4 L (11.2 gal.) Visition Visition Visition Operating Weights 2956 Processor 29566 VIH Log Loader 29566 Live-Heel Log Loader Operating Weight 39.901 kg (85.894 lb.) 38.184 kg (84.181 lb.) 39.004 kg (85.898 lb.) Side:Entry Cab Gafr Visition Gaff Visition Gaff Visition Gaff Visition Side:Entry Cab Gafr Visition Gaff Visition Gaff Visition Gaff Visition	Swing Mechanism	2956G Processor / Valve-in-He	ead (VIH) Log Loader / Live-Heel Log Lo	oader	
Operator's Station Operator's Station Operator Height From Ground (eye level) Side-Entry Forestry Cab 3095 mm (10 ft. 2 in.) Rear-Entry Log Loader Cab 4441 mm (14 ft. 7 in.) Standard rearview camera Serviceability Rer/LeaDility Refill Capacities Fuel Tank 800.0 L (211.0 gal.) Cooling System 36.0 L (9.5 gal.) Diesel Exhaust Fluid (DEF) Tank 42.4 L (11.2 gal.) Engine Crankcase (including filter) 20.5 L (5.4 gal.) Operating Weights 2956 Processor 2956G VIH Log Loader 2956 Frocessor 2956G VIH Log Loader 2956G Live-Heel Log Loader X8.6 Operating Weight 39 504 kg (85.984 lb.) 38 184 kg (84.181 lb.) 39 004 kg (85.989 lb.) State Coperating Weight 38 16 kg (85.984 lb.) 38 184 kg (84.181 lb.) 39 004 kg (85.989 lb.) State Coperating Weight 38 16 kg (15.0 lb.) -671 kg (-1,480 lb.) -671 kg (-1,480 lb.) State Entry Cab -671 kg (-1,480 lb.) -671 kg (1,78 lb.) 68 kg (150 lb.) State Coperating Weight 38 16 kg (15.0 lb.) 68 kg (150 lb.) 68 kg (150 lb.) <td>Swing Speed</td> <td></td> <td></td> <td></td>	Swing Speed				
Operator Height From Ground (eye level) Side-Entry Forestry Cab 3095 mm (10 ft. 2 in.) Rear-Entry Log Loader Cab 4441 mm (14 ft. 7 in.) Standard rearview camera Serviceability Serviceability Serviceability Refill Capacities Forei Tank Gooling System 36.0 L (9.5 gal.) Diesel Exhaust Fluid (DEF) Tank 42.4 L (11.2 gal.) Engine Crankcase (including filter) 20.5 L (5.4 gal.) Hydraulic Tank Oil 195.0 L (5.2 0 gal.) Operating Weights 2956 Processor 2956 VIH Log Loader 2956 Live-Heel Log Loader SAE Operating Weights 2956 Processor 2956 VIH Log Loader 2956 Live-Heel Log Loader SAE Operating Weight 38 961 kg (85,894 lb.) 38 184 kg (84,181 lb.) 39 004 kg (85,989 lb.) Side -Entry Cab -671 kg (-1,480 lb.) -671 kg (-1,480 lb.) -671 kg (-1,480 lb.) 68 kg (150 lb.) Rear-Entry Cab Cab Forward 68 kg (150 lb.) 68 kg (150 lb.) 68 kg (178 lb.) Operating Dimensions Vith standard equipment, 700-mm (28 in.) shores, 5917-kg (13,045 lb.) counterweight, full fuel tank, and 79-kg (175 lb.) operator 4.0-m (13 ft. 5 in.)<	Swing Torque	120 000 Nm (88,507 lbft.)			
Side-Entry Forestry Cab 3095 mm (10 ft. 2 in.) Rear-Entry Log Loader Cab 4441 mm (14 ft. 7 in.) Standard rearview camera Serviceability Serviceability Refil Capacities Fuel Tank 800.0 L (21.0 gal.) Cooling System 36.0 L (9.5 gal.) Diesel Exhaust Fluid (DEF) Tank 42.4 L (11.2 gal.) Engine Crankcase (including filter) 20.5 L (5.4 gal.) Hydraulic Tank Oil 195.0 L (52.0 gal.) Operating Weights 2956 Processor 2956G VIH Log Loader 2956G Live-Heel Log Loader SAB Operating Weight 38 961 kg (85,894 lb.) 38 184 kg (84,181 lb.) 39 004 kg (85,989 lb.) Operating Weight 38 961 kg (15.0 lb.) -671 kg (-1,480 lb.) -671 kg (-1,480 lb.) -671 kg (-1,480 lb.) Operating Dimensions -671 kg (1,78 lb.) 68 kg (150 lb.) 68 kg (150 lb.) 678 kg (1,778 lb.) Operating Dimensions -671 kg (-1,480 lb.) -671 kg (-1,480 lb.) -671 kg (-1,480 lb.) -671 kg (-1,480 lb.) 2.9 m (8 ft. 7 in.) Undercarriage 678 kg (1,778 lb.) counterweight, full fuel tank, and 79-kg (175 lb.) operator 4.56-m (14 ft. 11 in.) 4.39-m (14 ft. 5 in.)	Operator's Station				
Rear-Entry Log Loader Cab 4441 mm (14 ft. 7 in.) Standar rearview camera Standar rearview camera Serviceability Rear-Entry Log Loader Cab Not the standar cancer	Operator Height From Ground (eye level)				
Standard rearview camera Services/bility Refill Capacities Fuel Tank 80.0.0.1 (21.0. gal.) Cooling System 36.0.1 (9.5. gal.) Diesel Exhaust Fluid (DEF) Tank 42.4.1. (11.2. gal.) Engine Crankcase (including filter) 20.5.1. (5.4. gal.) Hydraulic Tank Oil 95.0.0.1. (52.0. gal.) Operating Weights 29566 VIH Log Loader 29566 Live-Heel Log Loader Operating Weights 2956 Processor 29566 VIH Log Loader 29566 Live-Heel Log Loader With Full fuel tank, 79-kg (175 lb.) operator, 60-in. riser, rear-entry forestry cab, 5917-kg (13,045 lb.) counterweight, 700-mm (28 in.) double-grouser shoes, and 2.69-m (8 ft. 10 in.) undercarriage; no attachment included Sate Cherring Weight 38 961 kg (85,894 lb.) 38 184 kg (84,181 lb.) 39 004 kg (85,989 lb.) Operating Weight 38 961 kg (85,894 lb.) 68 kg (150 lb.) -671 kg (-1,480 lb.) -671 kg (-1,480 lb.) -671 kg (-1,480 lb.) -671 kg (-1,480 lb.) <th c<="" td=""><td>Side-Entry Forestry Cab</td><td>3095 mm (10 ft. 2 in.)</td><td></td><td></td></th>	<td>Side-Entry Forestry Cab</td> <td>3095 mm (10 ft. 2 in.)</td> <td></td> <td></td>	Side-Entry Forestry Cab	3095 mm (10 ft. 2 in.)		
Serviceability Refil Capacities Fuel Tank 800.0 L (211.0 gal.) Cooling System 36.0 L (9.5 gal.) Diesel Exhaust Fluid (DEF) Tank 42.4 L (11.2 gal.) Engine Crankcase (including filter) 20.5 L (5.4 gal.) Hydraulic Tank Oil 195.0 L (52.0 gal.) Operating Weights 2956 Processor 2956 VIH Log Loader 2956G Live-Heel Log Loader Operating Weight 2956 Processor 2956 VIL Log Loader 2956G Live-Heel Log Loader 2.69 - m (8 ft. 10 in.) undercarriage; no attachment included 38 961 kg (85,894 lb.) 38 184 kg (84,181 lb.) 39 004 kg (85,989 lb.) Optional Components (add weight) 38 061 kg (85,894 lb.) 38 184 kg (84,181 lb.) 39 004 kg (85,989 lb.) Side -Entry Cab -671 kg (-1,480 lb.) -671 kg (-1,480 lb.) -671 kg (-1,480 lb.) Rear-Entry Cab -671 kg (1,778 lb.) 68 kg (150 lb.) 68 kg (150 lb.) 2.92 m (9 ft. 7. in.) Undercarriage 67 kg (1,778 lb.) 67 kg (1,778 lb.) 67 kg (1,778 lb.) Operating Weight 10.05 m (36 ft. 3 in.) 10.90 m (35 ft. 9 in.) 1.91 m (39 ft. 1 in.) 2.92 m (9 ft.	Rear-Entry Log Loader Cab	4441 mm (14 ft. 7 in.)			
Refill Capacities Fuel Tank 800.0 L (211.0 gal.) Cooling System 36.0 L (9.5 gal.) Diesel Exhaust Fluid (DEF) Tank 42.4 L (11.2 gal.) Engine Crankcase (including filter) 20.5 L (5.4 gal.) Hydraulic Tank Oil 195.0 L (52.0 gal.) Operating Weights 2956 Processor 2956 VIH Log Loader 2956 Live-Heel Log Loader Scient R ft. 10 in.) undercarriage; no attachment included 38 961 kg (85,894 lb.) 38 184 kg (84,181 lb.) 39 004 kg (85,898 lb.) Coberating Weight 38 961 kg (85,894 lb.) 38 184 kg (84,181 lb.) 39 004 kg (85,898 lb.) Side Entry Cab -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.) Side Entry Cab – Cab Forward 68 kg (1,778 lb.) 678 kg (1,778 lb.) 678 kg (1,778 lb.) Operating Dimensions - - 4.36-m (14 ft. 11 in.) 4.39-m (14 ft. 5 in.) Vilk standard equipment, 700-mm (28 in.) shores, 5917-kg (13,045 lb.) counterweight, full fuel tank, and 79-kg (175 lb.) operator - Proccessor Arm VIH Log Loader Arm L	Standard rearview camera				
Fuel Tank 800.0 L (211.0 gal.) Cooling System 36.0 L (9.5 gal.) Diesel Exhaust Fluid (DEF) Tank 42.4 L (11.2 gal.) Engine Crankcase (including filter) 20.5 L (5.4 gal.) Hydraulic Tank Oil 195.0 L (52.0 gal.) Operating Weights 2956 Processor 2956 VIH Log Loader 2956 Live-Heel Log Loader With full fuel tank, 79-kg (175 lb.) operator, 60-in. riser, rear-entry forestry cab, 5917-kg (13,045 lb.) counterweight, 700-mm (28 in.) double-grouser shoes, and 2.69-m (8 ft. 10 in.) undercarriage; no attactment included SAE Operating Weight 38 90 kg (85,894 lb.) 38 18 kg (84,181 lb.) 39 004 kg (85,989 lb.) Optional Components (add weight) Side-Entry Cab -671 kg (-1,480 lb.) -671 kg (-1,480 lb.) -671 kg (-1,480 lb.) 68 kg (150 lb.) 678 kg (1,778 lb.) 0.778 kg	Serviceability				
Cooling System 36.0 L (9.5 gal.) Diesel Exhaust Fluid (DEF) Tank 42.4 L (11.2 gal.) Engine Crankcase (including filter) 20.5 L (5.4 gal.) Hydraulic Tank Oil 195.0 L (52.0 gal.) Operating Weights 2956 Processor 29566 VIH Log Loader 2956G Live-Heel Log Loader 2.69-m (8 ft. 10 in.) undercarriage; no attachment included 38 961 kg (85,894 lb.) 38 184 kg (84,181 lb.) 39 004 kg (85,989 lb.) SAE Operating Weight 38 961 kg (85,894 lb.) 38 184 kg (84,181 lb.) 39 004 kg (85,989 lb.) SAE Operating Weight 38 961 kg (85,894 lb.) 38 184 kg (84,181 lb.) 39 004 kg (85,989 lb.) Optional Components (adweight) 5 5 5 5 5 Side-Entry Cab -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.) 2.92 m (9 ft. 7 in.) Undercarriage 678 kg (1,778 lb.) counterweight, full fuel tank, and 79-kg (175 lb.) operating -671 kg (-1,480 lb.) Operating Dimensions 4.56-m (14 ft. 11 in.) 4.39-m (14 ft. 5 in.) 1.0-m (13 ft. 5 in.) Processor	Refill Capacities				
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Engine Crankcase (including filter) 20.5 L (5.4 gal.) Hydraulic Tank Oil 195.0 L (52.0 gal.) Operating Weights 2956 Processor 2956G VIH Log Loader 2956 Live-Heel Log Loader With full fuel tank, 79-kg (175 lb.) operator, 60-in. riser, rear-entry forestry cab, 5917-kg (13,045 lb.) counterweight, 700-mm (28 in.) double-grouser shoes, and 2.69-m (8 ft. 10 in.) undercarriage; no attachment included 38 184 kg (84,181 lb.) 39 004 kg (85,989 lb.) SAE Operating Weight 38 961 kg (85,894 lb.) 38 184 kg (84,181 lb.) 39 004 kg (85,989 lb.) Optional Components (add weight) Side-Entry Cab -671 kg (-1,480 lb.) -671 kg (-1,480 lb.) -671 kg (-1,480 lb.) 678 kg (178 lb.) Rear-Entry Cab -671 kg (1,748 lb.) 678 kg (1,778 lb.) 678 kg (1,778 lb.) 678 kg (1,778 lb.) Operating Dimensions With standard equipment, 700-mm (28 in.) shoes, 5917-kg (13,045 lb.) counterweight, full fuel tank, and 79-kg (175 lb.) operator Processor Arm VIH Log Loader Arm Live-Heel Log Loader Arm A Maximum Reach at Ground Level 10.72 m (35 ft. 2 in.)<	Cooling System	36.0 L (9.5 gal.)			
Hydraulic Tank Oil 195.0 L (52.0 gal.) Operating Weights 2956 Processor 2956 VIH Log Loader 2956G Live-Heel Log Loader With full fuel tank, 79-kg (175 lb.) operator, 60-in. riser, rear-entry forestry cab, 5917-kg (13,045 lb.) counterweight, 700-mm (28 in.) double-grouser shoes, and 2.69-m (8 ft. 10 in.) undercarriage; no attachment included SAE Operating Weight 38 961 kg (85,894 lb.) 38 184 kg (84,181 lb.) 39 004 kg (85,989 lb.) Optional Components (add weight)	Diesel Exhaust Fluid (DEF) Tank	42.4 L (11.2 gal.)			
Operating Weights 2956 Processor 2956G VIH Log Loader 2956G Live-Heel Log Loader With full fuel tank, 79-kg (175 lb.) operator, 60-in. riser, rear-entry forestry cab, 5917-kg (13,045 lb.) counterweight, 700-mm (28 in.) double-grouser shoes, and 2.69-m (8 ft. 10 in.) undercarriage; no attachment included 38 961 kg (85,894 lb.) 38 184 kg (84,181 lb.) 39 004 kg (85,989 lb.) SAE Operating Weight 38 961 kg (85,894 lb.) 38 184 kg (84,181 lb.) 39 004 kg (85,989 lb.) Optional Components (add weight)	Engine Crankcase (including filter)	20.5 L (5.4 gal.)			
With full fuel tank, 79-kg (175 lb.) operator, 60-in. riser, rear-entry forestry cab, 5917-kg (13,045 lb.) counterweight, 700-mm (28 in.) double-grouser shoes, and 2.69-m (8 ft. 10 in.) undercarriage; no attachment included SAE Operating Weight 38 961 kg (85,894 lb.) 38 184 kg (84,181 lb.) 39 004 kg (85,989 lb.) Optional Components (add weight)	Hydraulic Tank Oil	195.0 L (52.0 gal.)			
2.69-m (8 ft. 10 in.) undercarriage; no attachment included SAE Operating Weight 38 961 kg (85,894 lb.) 38 184 kg (84,181 lb.) 39 004 kg (85,989 lb.) Optional Components (add weight) Side-Entry Cab -671 kg (-1,480 lb.) -671 kg (-1,480 lb.) -671 kg (-1,480 lb.) Side-Entry Cab -671 kg (-1,480 lb.) -671 kg (-1,480 lb.) 68 kg (150 lb.) 68 kg (150 lb.) Rear-Entry Cab Cab Forward 68 kg (150 lb.) 68 kg (150 lb.) 68 kg (150 lb.) 2.92 m (9 ft. 7 in.) Undercarriage 678 kg (1,778 lb.) 678 kg (1,778 lb.) 678 kg (1,778 lb.) Operating Dimensions	Operating Weights			2956G Live-Heel Log Loader	
SAE Operating Weight 38 961kg (85,894 lb.) 38 184 kg (84,181 lb.) 39 004 kg (85,989 lb.) Optional Components (add weight) Side-Entry Cab -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.) 2.92 m (9 ft. 7 in.) Undercarriage 678 kg (1,778 lb.) 678 kg (1,778 lb.) 678 kg (1,778 lb.) 678 kg (1,778 lb.) Operating Dimensions			5917-kg (13,045 lb.) counterweight, 700-	-mm (28 in.) double-grouser shoes, and	
Optional Components (add weight) -671 kg (-1,480 lb.) 68 kg (150 lb.) 678 kg (1,778 lb.)<	2.69-m (8 ft. 10 in.) undercarriage; no attac	chment included			
Side-Entry Cab -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.) 2.92 m (9 ft. 7 in.) Undercarriage 678 kg (1,778 lb.) 678 kg (1,778 lb.) 678 kg (1,778 lb.) Operating Dimensions With standard equipment, 700-mm (28 in.) shoes, 5917-kg (13,045 lb.) counterweight, full fuel tank, and 79-kg (175 lb.) operator A. Soft-m (14 ft. 11 in.) 4.39-m (14 ft. 5 in.) 4.10-m (13 ft. 5 in.) Processor Arm VIH Log Loader Arm Live-Heel Log Loader Arm A Maximum Reach 11.05 m (36 ft. 3 in.) 10.90 m (35 ft. 9 in.) 11.91 m (39 ft. 1 in.) A Maximum Working Depth 2.80 m (9 ft. 2 in.) 2.60 m (8 ft. 6 in.) 3.73 m (12 ft. 3 in.) G Maximum Working Height 13.22 m (43 ft. 4 in.) 13.07 m (42 ft. 11 in.) 13.95 m (45 ft. 9 in.) Maximum Log-Level Height 10.00 m (32 ft. 10 in.) 8.88 m (29 ft. 2 in.) 9.08 m (29 ft. 9 in.)	SAE Operating Weight	38 961 kg (85,894 lb.)	38 184 kg (84,181 lb.)	39 004 kg (85,989 lb.)	
Rear-Entry Cab – Cab Forward 68 kg (150 lb.) 68 kg (150 lb.) 68 kg (150 lb.) 2.92 m (9 ft. 7 in.) Undercarriage 678 kg (1,778 lb.) 678 kg (1,778 lb.) 678 kg (1,778 lb.) Operating Dimensions With standard equipment, 700-mm (28 in.) shoes, 5917-kg (13,045 lb.) counterweight, full fuel tank, and 79-kg (175 lb.) operator A.56-m (14 ft. 11 in.) 4.39-m (14 ft. 5 in.) 4.10-m (13 ft. 5 in.) Processor Arm VIH Log Loader Arm Live-Heel Log Loader Arm A Maximum Reach 11.05 m (36 ft. 3 in.) 10.90 m (35 ft. 9 in.) 11.91 m (39 ft. 1 in.) AI Maximum Working Depth 2.80 m (9 ft. 2 in.) 2.60 m (8 ft. 6 in.) 3.73 m (12 ft. 3 in.) C Maximum Working Height 13.22 m (43 ft. 4 in.) 13.07 m (42 ft. 11 in.) 13.95 m (45 ft. 9 in.) D Maximum Log-Level Height 10.00 m (32 ft. 10 in.) 8.88 m (29 ft. 2 in.) 9.08 m (29 ft. 9 in.)	Optional Components (add weight)				
2.92 m (9 ft. 7 in.) Undercarriage 678 kg (1,778 lb.) 678 kg (1,778 lb.) 678 kg (1,778 lb.) Operating Dimensions With standard equipment, 700-mm (28 in.) shoes, 5917-kg (13,045 lb.) counterweight, full fuel tank, and 79-kg (175 lb.) operator 4.56-m (14 ft. 11 in.) 4.39-m (14 ft. 5 in.) 4.10-m (13 ft. 5 in.) Processor Arm VIH Log Loader Arm Live-Heel Log Loader Arm A Maximum Reach 11.05 m (36 ft. 3 in.) 10.90 m (35 ft. 9 in.) 11.91 m (39 ft. 1 in.) AI Maximum Reach at Ground Level 10.72 m (35 ft. 2 in.) 10.50 m (34 ft. 5 in.) 11.67 m (38 ft. 3 in.) B Maximum Working Depth 2.80 m (9 ft. 2 in.) 2.60 m (8 ft. 6 in.) 3.73 m (12 ft. 3 in.) C Maximum Log-Level Height 10.00 m (32 ft. 10 in.) 8.88 m (29 ft. 2 in.) 9.08 m (29 ft. 9 in.)	5			J · · ·	
Operating Dimensions With standard equipment, 700-mm (28 in.) shoes, 5917-kg (13,045 lb.) counterweight, full fuel tank, and 79-kg (175 lb.) operator 4.56-m (14 ft. 11 in.) 4.39-m (14 ft. 5 in.) Processor Arm VIH Log Loader Arm A Maximum Reach 11.05 m (36 ft. 3 in.) AI Maximum Reach at Ground Level 10.72 m (35 ft. 2 in.) 10.50 m (34 ft. 5 in.) B Maximum Working Depth 2.80 m (9 ft. 2 in.) C Maximum Log-Level Height 13.22 m (43 ft. 4 in.) 13.07 m (42 ft. 11 in.) 9.08 m (29 ft. 9 in.)	Rear-Entry Cab — Cab Forward	68 kg (150 lb.)	68 kg (150 lb.)	68 kg (150 lb.)	
With standard equipment, 700-mm (28 in.) shoes, 5917-kg (13,045 lb.) counterweight, full fuel tank, and 79-kg (175 lb.) operator 4.00-m (13 ft. 5 in.) 4.56-m (14 ft. 11 in.) 4.39-m (14 ft. 5 in.) 4.10-m (13 ft. 5 in.) Processor Arm VIH Log Loader Arm Live-Heel Log Loader Arm A Maximum Reach 11.05 m (36 ft. 3 in.) 10.90 m (35 ft. 9 in.) 11.91 m (39 ft. 1 in.) AI Maximum Reach at Ground Level 10.72 m (35 ft. 2 in.) 10.50 m (34 ft. 5 in.) 11.67 m (38 ft. 3 in.) B Maximum Working Depth 2.80 m (9 ft. 2 in.) 2.60 m (8 ft. 6 in.) 3.73 m (12 ft. 3 in.) C Maximum Log-Level Height 13.22 m (43 ft. 4 in.) 13.07 m (42 ft. 11 in.) 13.95 m (45 ft. 9 in.) D Maximum Log-Level Height 10.00 m (32 ft. 10 in.) 8.88 m (29 ft. 2 in.) 9.08 m (29 ft. 9 in.)	2.92 m (9 ft. 7 in.) Undercarriage	678 kg (1,778 lb.)	678 kg (1,778 lb.)	678 kg (1,778 lb.)	
4.56-m (14 ft. 11 in.) 4.39-m (14 ft. 5 in.) 4.10-m (13 ft. 5 in.) Processor Arm VIH Log Loader Arm Live-Heel Log Loader Arm A Maximum Reach 11.05 m (36 ft. 3 in.) 10.90 m (35 ft. 9 in.) 11.91 m (39 ft. 1 in.) A ^I Maximum Reach at Ground Level 10.72 m (35 ft. 2 in.) 10.50 m (34 ft. 5 in.) 11.67 m (38 ft. 3 in.) B Maximum Working Depth 2.80 m (9 ft. 2 in.) 2.60 m (8 ft. 6 in.) 3.73 m (12 ft. 3 in.) C Maximum Working Height 13.22 m (43 ft. 4 in.) 13.07 m (42 ft. 11 in.) 13.95 m (45 ft. 9 in.) D Maximum Log-Level Height 10.00 m (32 ft. 10 in.) 8.88 m (29 ft. 2 in.) 9.08 m (29 ft. 9 in.)	Operating Dimensions				
Processor Arm VIH Log Loader Arm Live-Heel Log Loader Arm A Maximum Reach 11.05 m (36 ft. 3 in.) 10.90 m (35 ft. 9 in.) 11.91 m (39 ft. 1 in.) A Maximum Reach at Ground Level 10.72 m (35 ft. 2 in.) 10.50 m (34 ft. 5 in.) 11.67 m (38 ft. 3 in.) B Maximum Working Depth 2.80 m (9 ft. 2 in.) 2.60 m (8 ft. 6 in.) 3.73 m (12 ft. 3 in.) C Maximum Working Height 13.22 m (43 ft. 4 in.) 13.07 m (42 ft. 11 in.) 13.95 m (45 ft. 9 in.) D Maximum Log-Level Height 10.00 m (32 ft. 10 in.) 8.88 m (29 ft. 2 in.) 9.08 m (29 ft. 9 in.)	With standard equipment, 700-mm (28 in.)			1	
A Maximum Reach 11.05 m (36 ft. 3 in.) 10.90 m (35 ft. 9 in.) 11.91 m (39 ft. 1 in.) A Maximum Reach at Ground Level 10.72 m (35 ft. 2 in.) 10.50 m (34 ft. 5 in.) 11.67 m (38 ft. 3 in.) B Maximum Working Depth 2.80 m (9 ft. 2 in.) 2.60 m (8 ft. 6 in.) 3.73 m (12 ft. 3 in.) C Maximum Working Height 13.22 m (43 ft. 4 in.) 13.07 m (42 ft. 11 in.) 13.95 m (45 ft. 9 in.) D Maximum Log-Level Height 10.00 m (32 ft. 10 in.) 8.88 m (29 ft. 2 in.) 9.08 m (29 ft. 9 in.)					
AI Maximum Reach at Ground Level 10.72 m (35 ft. 2 in.) 10.50 m (34 ft. 5 in.) 11.67 m (38 ft. 3 in.) B Maximum Working Depth 2.80 m (9 ft. 2 in.) 2.60 m (8 ft. 6 in.) 3.73 m (12 ft. 3 in.) C Maximum Log-Level Height 13.22 m (43 ft. 4 in.) 13.07 m (42 ft. 11 in.) 13.95 m (45 ft. 9 in.) D Maximum Log-Level Height 10.00 m (32 ft. 10 in.) 8.88 m (29 ft. 2 in.) 9.08 m (29 ft. 9 in.)		Processor Arm	VIH Log Loader Arm	Live-Heel Log Loader Arm	
B Maximum Working Depth 2.80 m (9 ft. 2 in.) 2.60 m (8 ft. 6 in.) 3.73 m (12 ft. 3 in.) C Maximum Working Height 13.22 m (43 ft. 4 in.) 13.07 m (42 ft. 11 in.) 13.95 m (45 ft. 9 in.) D Maximum Log-Level Height 10.00 m (32 ft. 10 in.) 8.88 m (29 ft. 2 in.) 9.08 m (29 ft. 9 in.)	A Maximum Reach	11.05 m (36 ft. 3 in.)	10.90 m (35 ft. 9 in.)	11.91 m (39 ft. 1 in.)	
C Maximum Working Height 13.22 m (43 ft. 4 in.) 13.07 m (42 ft. 11 in.) 13.95 m (45 ft. 9 in.) D Maximum Log-Level Height 10.00 m (32 ft. 10 in.) 8.88 m (29 ft. 2 in.) 9.08 m (29 ft. 9 in.)	A ^I Maximum Reach at Ground Level	10.72 m (35 ft. 2 in.)	10.50 m (34 ft. 5 in.)	11.67 m (38 ft. 3 in.)	
D Maximum Log-Level Height 10.00 m (32 ft. 10 in.) 8.88 m (29 ft. 2 in.) 9.08 m (29 ft. 9 in.)		2.80 m (9 ft. 2 in.)	2.60 m (8 ft. 6 in.)	3.73 m (12 ft. 3 in.)	
E Minimum Swing Radius 3.68 m (12 ft. 1 in.) 3.84 m (12 ft. 7 in.) 4 58 m (15 ft. 0 in.)					
	E Minimum Swing Radius	3.68 m (12 ft. 1 in.)	3.84 m (12 ft. 7 in.)	4.58 m (15 ft. 0 in.)	
F Tail Swing Radius 3.45 m (11 ft. 4 in.) 3.45 m (11 ft. 4 in.) 3.45 m (11 ft. 4 in.)	F Tail Swing Radius	3.45 m (11 ft. 4 in.)	3.45 m (11 ft. 4 in.)	3.45 m (11 ft. 4 in.)	

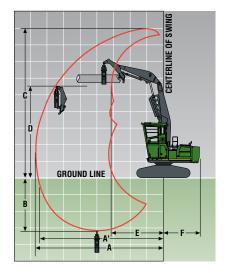
2956G Processor



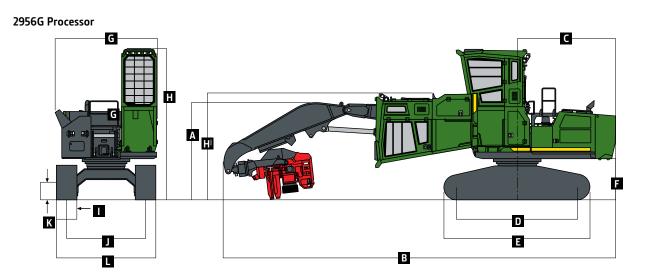
2956G VIH

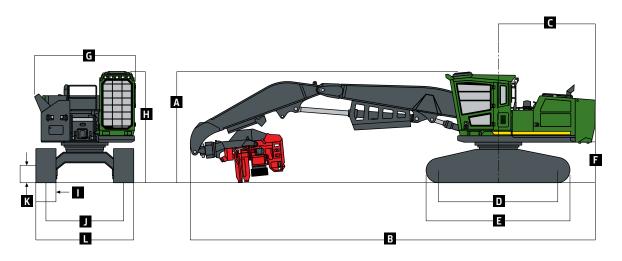


2956G Live Heel



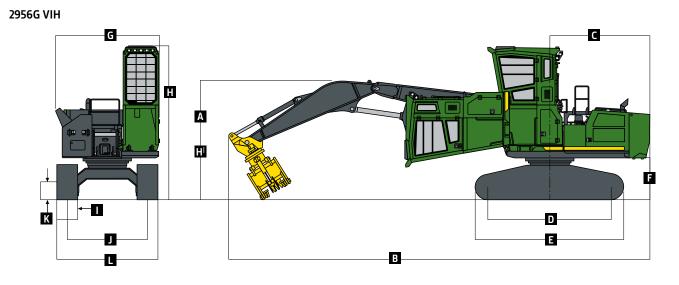
N	lachine Dimensions	2956G Processor		2956G VIH Log Load	ler	2956G Live-Heel Lo	g Loader
	Undercarriage	2.69 m (8 ft. 10 in.)	2.92 m (9 ft. 7 in.)	2.69 m (8 ft. 10 in.)	2.92 m (9 ft. 7 in.)	2.69 m (8 ft. 10 in.)	2.92 m (9 ft. 7 in.)
Α	Machine Transport Height						
	Side-Entry Cab	3.83 m (12 ft. 7 in.)	3.86 m (12 ft. 8 in.)	3.83 m (12 ft. 7 in.)	3.86 m (12 ft. 8 in.)	3.83 m (12 ft. 7 in.)	3.86 m (12 ft. 8 in.)
	Rear-Entry Cab	3.66 m (12 ft. 0 in.)	3.69 m (12 ft. 1 in.)	3.66 m (12 ft. 0 in.)	3.69 m (12 ft. 1 in.)	3.66 m (12 ft. 0 in.)	3.69 m (12 ft. 1 in.)
В	Overall Length	14.52 m (47 ft. 7 in.)	14.52 m (47 ft. 7 in.)	14.95 m (49 ft. 0 in.)	14.95 m (49 ft. 0 in.)	14.98 m (49 ft. 2 in.)	14.98 m (49 ft. 2 in.)
С	Rear-End Length / Swing Radius	3.37 m (11 ft. 1 in.)					
D	Distance Between Idler /	4.06 m (13 ft. 4 in.)					
	Sprocket Centerline						
Ε	Undercarriage Length	5.00 m (16 ft. 5 in.)					
F	Counterweight Clearance	1.47 m (4 ft. 10 in.)	1.50 m (4 ft. 11 in.)	1.47 m (4 ft. 10 in.)	1.50 m (4 ft. 11 in.)	1.47 m (4 ft. 10 in.)	1.50 m (4 ft. 11 in.)
G	Upperstructure Width	3.46 m (11 ft. 4 in.)					
н	Cab Operating Height						
	Side-Entry Cab	3.83 m (12 ft. 7 in.)	3.86 m (12 ft. 8 in.)	3.83 m (12 ft. 7 in.)	3.86 m (12 ft. 8 in.)	3.83 m (12 ft. 7 in.)	3.86 m (12 ft. 8 in.)
	Rear-Entry Cab	5.19 m (17 ft. 0 in.)	5.22 m (17 ft. 1 in.)	5.19 m (17 ft. 0 in.)	5.22 m (17 ft. 1 in.)	5.19 m (17 ft. 0 in.)	5.22 m (17 ft. 1 in.)
H	Tilted Cab Height (rear-entry cab)	3.66 m (12 ft. 0 in.)	3.69 m (12 ft. 1 in.)	3.66 m (12 ft. 0 in.)	3.69 m (12 ft. 1 in.)	3.66 m (12 ft. 0 in.)	3.69 m (12 ft. 1 in.)
- 1	Track Width With 700-mm	0.70 m (28 in.)					
	(28 in.) Double-Grouser Shoes						
J	Center of Sprocket to	2.69 m (8 ft. 10 in.)	2.92 m (9 ft. 7 in.)	2.69 m (8 ft. 10 in.)	2.92 m (9 ft. 7 in.)	2.69 m (8 ft. 10 in.)	2.92 m (9 ft. 7 in.)
	Center of Sprocket						
Κ	Ground Clearance	0.76 m (30 in.)	0.79 m (31 in.)	0.76 m (30 in.)	0.79 m (31 in.)	0.76 m (30 in.)	0.79 m (31 in.)
L	Undercarriage Width With 700-mm	3.40 m (11 ft. 2 in.)	3.63 m (11 ft. 11 in.)	3.40 m (11 ft. 2 in.)	3.63 m (11 ft. 11 in.)	3.40 m (11 ft. 2 in.)	3.63 m (11 ft. 11 in.)
	(28 in.) Double-Grouser Shoes						

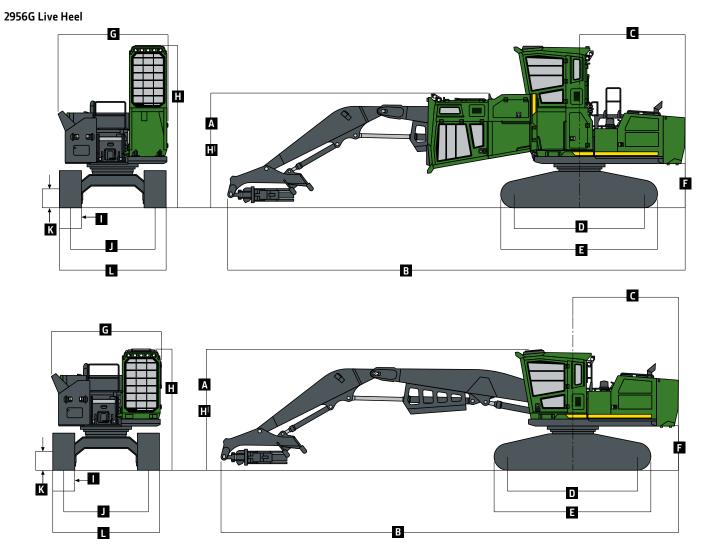




While general information, pictures, and descriptions are provided, some illustrations and text may include product options and accessories NOT AVAILABLE in all regions, and in some countries products and accessories may require modifications or additions to ensure compliance with the local regulations of those countries.

Machine Dimensions (continued)





While general information, pictures, and descriptions are provided, some illustrations and text may include product options and accessories NOT AVAILABLE in all regions, and in some countries products and accessories may require modifications or additions to ensure compliance with the local regulations of those countries.

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.

		(15 ft.)	10 in.) undercarriage, 700-mm (28 in.) shoes, and standar 6.1 m (20 ft.) 7.6 m (25 ft.)			9.1 m (10.7 m (35 ft.)		
ad Point Height	Over Front	Over Side	Over Front	Over Side	Over Front	Over Side	Over Front	Over Side	Over Front	Over Sid
12.2 m (40 ft.)	12 910 (28,460)	12 910 (28,460)								
10.7 m (35 ft.)			9950 (21,930)	9950 (21,930)						
9.1 m (30 ft.)			9420 (20,750)	9420 (20,750)	8430 (18,590)	7700 (16,970)				
7.6 m (25 ft.)			9440 (20,810)	9440 (20,810)	8320 (18,350)	7740 (17,050)	7460 (16,450)	5590 (12,320)		
6.1 m (20 ft.)	11 900 (26,220)	11 900 (26,220)	9880 (21,790)	9880 (21,790)	8500 (18,740)	7590 (16,730)	7450 (16,420)	5570 (12,270)		
4.6 m (15 ft.)	13 490 (29,730)	13 490 (29,730)	10 630 (23,430)	10 430 (23,000)	8840 (19,470)	7320 (16,140)	7540 (16,610)	5440 (11,990)	6290 (13,870)	4160 (9,160
3.1 m (10 ft.)			11 430 (25,190)	9810 (21,610)	9170 (20,210)	6990 (15,410)	7610 (16,760)	5270 (11,620)	6170 (13,590)	4110 (9,050
1.5 m (5 ft.)			11 890 (26,200)	9220 (20,320)	9310 (20,520)	6680 (14,720)	7510 (16,550)	5100 (11,250)	5770 (12,720)	4040 (8,910
Ground Line	15 790 (34,810)	13 370 (29,460)	11 660 (25,700)	8810 (19,410)	9030 (19,890)	6440 (14,190)	7060 (15,570)	4980 (10,970)	4750 (10,470)	4020 (8,870
–1.5 m (–5 ft.)	13 790 (30,400)	13 140 (28,950)	10 520 (23,180)	8610 (18,990)	8090 (17,840)	6320 (13,920)	6000 (13,220)	4930 (10,870)	(10) 11 0)	(-,
ft Capacity — 2956G										
12.2 m (40 ft.)	12 910 (28,460)	12 910 (28,460)								
10.7 m (35 ft.)		, i	9950 (21,930)	9950 (21,930)						
9.1 m (30 ft.)			9420 (20,750)	9420 (20,750)	8430 (18,590)	8430 (18,590)				
7.6 m (25 ft.)			9440 (20,810)	9440 (20,810)	8320 (18,350)	8320 (18,350)	7460 (16,450)	6240 (13,760)		
6.1 m (20 ft.)	11 900 (26,220)	11 900 (26,220)	9880 (21,790)	9880 (21,790)	8500 (18,740)	8450 (18,620)	7450 (16,420)	6220 (13,720)		
4.6 m (15 ft.)	13 490 (29,730)	13 490 (29,730)	10 630 (23,430)	10 630 (23,430)	8840 (19,470)	8180 (18,020)	7540 (16,610)	6100 (13,430)	6290 (13,870)	4680 (10,320
3.1 m (10 ft.)			11 430 (25,190)	11 010 (24,270)	9170 (20,210)	7840 (17,280)	7610 (16,760)	5920 (13,050)	6170 (13,590)	4630 (10,210
1.5 m (5 ft.)			11 890 (26,200)	10 410 (22,940)	9310 (20,520)	7520 (16,570)	7510 (16,550)	5750 (12,670)	5770 (12,720)	4570 (10,070
Ground Line	15 790	15 320	11 660 (25,700)	9990 (22,010)	9030 (19,890)	7270 (16,030)	7060 (15,570)	5620 (12,390)	4750 (10,470)	4550 (10,030
	(34,810)	(33,770)	(23,700)	(22,010)	(13,030)	(10,050)	(13)3707	(12,550)	(10,770)	(10,050

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 – 2956G VIH Log Loader with 2.92-m (9 ft. 7 in.) undercarriage, 700-mm (28 in.) shoes, and standard counterweight; bare pin 4.6 m (15 ft.) 6.1 m (20 ft.) 7.6 m (25 ft.) 9.1 m (30 ft.) 10.7								e pin 10.7 m	()E f+)	
Load Point Height	4.6 m Over Front	Over Side	Over Front	Over Side	Over Front	Over Side	Over Front	Over Side	Over Front	Over Side
10.7 m (35 ft.)	11 980 (26,400)	11 980 (26,400)	10 370 (22,850)	10 370 (22,850)	Overmont		Overmont	Over Side	Overmonit	
9.1 m (30 ft.)			9780 (21,560)	9780 (21,560)	8770 (19,330)	8570 (18,880)				
7.6 m (25 ft.)			9810 (21,620)	9810 (21,620)	8640 (19,050)	8640 (19,040)	7740 (17,070)	6300 (13,870)		
6.1 m (20 ft.)	12 410 (27,360)	12 410 (27,360)	10 270 (22,640)	10 270 (22,640)	8820 (19,440)	8520 (18,770)	7720 (17,010)	6310 (13,910)		
4.6 m (15 ft.)			11 030 (24,310)	11 030 (24,310)	9150 (20,180)	8270 (18,230)	7800 (17,190)	6210 (13,690)	5970 (13,170)	4770 (10,520
3.1 m (10 ft.)			11 810 (26,030)	11 120 (24,500)	9480 (20,880)	7970 (17,560)	7850 (17,300)	6060 (13,350)	6240 (13,760)	4760 (10,500
1.5 m (5 ft.)			12 210 (26,920)	10 560 (23,280)	9580 (21,110)	7680	7720 (17,010)	5910 (13,020)	5750 (12,680)	4720 (10,410
Ground Line			11 890 (26,210)	10 190 (22,450)	9230 (20,340)	7460 (16,440)	7200 (15,880)	5800	,	,
–1.5 m (–5 ft.)	13 770 (30,360)	13 770 (30,360)	10 620 (23,410)	10 020	8200 (18,060)	7360	6000 (13,220)	5770 (12,720)		
ift Capacity – 2956G									nt: bare pin	
12.2 m (40 ft.)	12 030 (26,520)	12 030 (26,520)	9850 (21,710)	9850 (21,710)						
10.7 m (35 ft.)			9040 (19,920)	9040 (19,920)	8190 (18,060)	7470 (16,460)				
9.1 m (30 ft.)			8750 (19,280)	8750 (19,280)	7730 (17,030)	7730 (17,030)	6930 (15,280)	6120 (13,490)		
7.6 m (25 ft.)			8900 (19,620)	8900 (19,620)	7760 (17,110)	7760 (17,110)	6860 (15,130)	5810 (12,800)		
6.1 m (20 ft.)			9440 (20,800)	9440 (20,800)	8070 (17,790)	8070 (17,790)	6960 (15,340)	5880 (12,950)	6040 (13,320)	4570 (10,08)
4.6 m (15 ft.)			9750 (21,500)	9750 (21,500)	8500 (18,740)	7960 (17,540)	7140 (15,730)	5810 (12,800)	6040 (13,320)	4540 (10,000
3.1 m (10 ft.)			10 620 (23,400)	10 620 (23,400)	8910 (19,640)	7690 (16,940)	7280 (16,050)	5690 (12,540)	6040 (13,310)	4450 (9,800
1.5 m (5 ft.)			11 420 (25,160)	10 540 (23,240)	9120 (20,090)	7410 (16,330)	7310 (16,120)	5600 (12,350)	5900 (13,010)	4340 (9,570
Ground Line			11 680 (25,750)	10 010 (22,070)	9000 (19,840)	7190 (15,840)	7180 (15,820)	5440 (11,990)	5490 (12,090)	4260 (9,390
–1.5 m (–5 ft.)	13 150 (28,980)	13 150 (28,980)	11 020 (24,280)	9650 (21,270)	8550 (18,840)	7010 (15,460)	6860 (15,110)	5340 (11,770)	4510 (9930)	4220 (9,310
–3.1 m (–10 ft.)	12 380 (27,280)	12 380 (27,280)	9400 (20,720)	9400 (20,720)	7450 (16,420)	6980 (15,390)	5110 (11,260)	5110 (11,260)		

