



JOHN DEERE

2656G SWING MACHINE



A large logging machine's grapple is shown lifting a massive log from a pile. The background features a forest of tall, thin trees under a blue sky with scattered clouds. The machine's arm and grapple are dark and metallic, contrasting with the natural wood and sky.

2656G 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 major cab updates that set comfort and safety standards, our 2656G Swing Machine is more than ready to help you face whatever comes your way in the forest.

Withstand wear and tear

The 2656G 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.

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.

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.



**DURABLE LOG DEFLECTOR POSITIONED TO
REDUCE IMPACTS &
MAXIMIZE JOBSITE VISIBILITY**

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.

Master of maneuverability


Increased tractive effort of 19 percent boosts machine capability for negotiating steep or difficult terrain, deep snow, and swamps.

No half measures here

"Half-lever" hydraulic-control system reduces fuel consumption by three to five percent compared to the 2656D Swing Machine, depending on the application.

Get in on the ground game

Optional on the 2656G, longer track frames put more track on the ground, for increased stability — and up to 14-percent more lifting capacity — than the model it replaces.



2656G 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

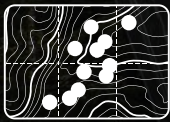
Your John Deere Forestry machine arrives from the factory equipped with a powerful set of technologies and capabilities already built in. Each plays an important role in managing the health and performance of your overall equipment fleet:

- **JDLink™ connectivity and the John Deere Operations Center™** let you track your equipment, see which machines are working, and know if they're being utilized properly and at maximum productivity and efficiency.
- **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

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.



**JOHN DEERE
PRECISION FORESTRY**

**TOOLS ENABLE PRODUCTION
PLANNING & TRACKING**

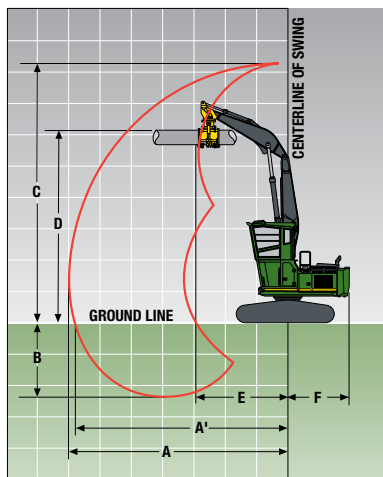
2656G SWING MACHINE SPECIFICATIONS

Engine	2656G Valve-in-Head (VIH) Log Loader / Live-Heel Log Loader		
Manufacturer and Model	John Deere PowerTech™ PVS 6.8 L	John Deere PowerTech™ Plus 6.8 L	John Deere PowerTech Plus 6.8 L
Non-Road Emission Standards	EPA Final Tier 4 (FT4)/EU Stage IV	EPA Tier 3/EU Stage IIIA	EPA Tier 2/EU Stage II
Net Rated Power (ISO 9249)	145 kW (194 hp) at 2,100 rpm	145 kW (194 hp) at 2,100 rpm	145 kW (194 hp) at 2,100 rpm
Cylinders	6	6	6
Engine Displacement	6.8 L (415 cu. in.)	6.8 L (415 cu. in.)	6.8 L (415 cu. in.)
Off-Level Capacity	70% (35 deg.)	70% (35 deg.)	70% (35 deg.)
Aspiration	Turbocharged, air-to-air charge-air cooler	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	Full-flow spin-on filter
Cooling			
Fan Drive	Cool-on-demand hydraulic-driven, suction-type fan with remote-mounted drive and standard reversing fan		
Powertrain			
2-speed propel with automatic shift			
Maximum Travel Speed			
Low	2.6 km/h (1.6 mph)		
High	3.9 km/h (2.4 mph)		
Drawbar Pull	30 350 kgf (66,910 lbf)		
Hydraulics			
Open center, pilot operated			
Main Pumps	2 variable-displacement pumps		
Maximum Rated Flow x 2	248 L/m (65.5 gpm)		
System Operating Pressure			
Implement Circuits	34 300 kPa (4,975 psi)		
Power Boost	38 000 kPa (5,511 psi)		
Controls	Pilot levers; short-stroke, low-effort hydraulic pilot with shutoff lever		
Electrical			
	EPA FT4/EU Stage IV	EPA Tier 3/EU Stage IIIA / EPA Tier 2/EU Stage II	
System Voltage	24 volt	24 volt	
Alternator Rating	150 amp	130 amp	
Lights (standard)			
Work	14 LEDs	14 LEDs	
Service			
With Side-Entry Cab	5 LEDs (compartments)	5 LEDs (compartments)	
With Rear-Entry Cab	6 LEDs (compartments and riser)	6 LEDs (compartments and riser)	
Access	1 LED (right rear cab)	1 LED (right rear cab)	
Undercarriage			
	2.79-m (9 ft. 2 in.) LC		
Rollers (per side)			
Carrier	2		
Track	9		
Shoes, Double Grousers (per side)	48		
Undercarriage Pitch	216 mm (8.5 in.)		
Ground Pressure	2656G VIH Log Loader	2656G Live-Heel Log Loader	
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)	

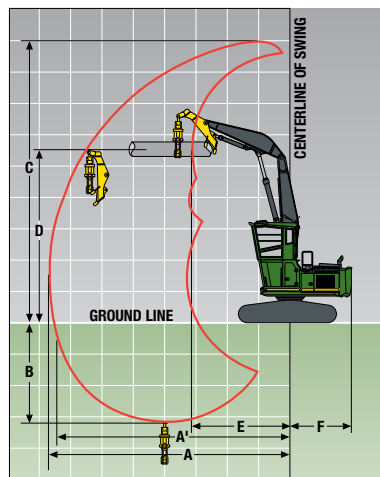
While general information, pictures, and descriptions are provided, some illustrations and text may include product options and accessories NOT AVAILABLE in all regions, and in some countries products and accessories may require modifications or additions to ensure compliance with the local regulations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

Swing Mechanism		2656G VIH Log Loader / Live-Heel Log Loader		
Swing Speed		10.6 rpm		
Swing Torque		107 869 Nm (79,560 lb.-ft.)		
Operator's Station				
Operator Height From Ground (eye level)				
Side-Entry Forestry Cab		3085 mm (10 ft. 2 in.)		
Rear-Entry Log Loader Cab		4432 mm (14 ft. 6 in.)		
Standard rearview camera				
Serviceability				
Refill Capacities				
Fuel Tank		800.0 L (211 gal.)		
Cooling System		23.0 L (6.0 gal.)		
Diesel Exhaust Fluid (DEF) Tank (FT4 only)		42.4 L (11.2 gal.)		
Engine Crankcase (including filter)		20.0 L (20.6 qt.)		
Hydraulic Tank Oil		147.6 L (39.0 gal.)		
Operating Weights		2656G VIH Log Loader		2656G Live-Heel Log Loader
With full fuel tank, 79-kg (175 lb.) operator, 60-in. riser, rear-entry forestry cab, 5930-kg (13,070 lb.) counterweight, 700-mm (28 in.) double-grouser shoes, and 2.79-m (9 ft. 2 in.) LC undercarriage; no attachment included				
		EPA FT4/EU Stage IV	EPA Tier 3/EU Stage IIIA / EPA Tier 2/EU Stage II	EPA Tier 3/EU Stage IIIA / EPA Tier 2/EU Stage II
SAE Operating Weight		36 301 kg (80,030 lb.)	36 074 kg (79,530 lb.)	36 629 kg (80,752 lb.) 36 402 kg (80,252 lb.)
Optional Components (add weight)				
Side-Entry Cab		-671 kg (-1,480 lb.)		-672 kg (-1,480 lb.)
Rear-Entry Cab — Cab Forward		68 kg (150 lb.)		68 kg (150 lb.)
Operating Dimensions				
With standard equipment, 700-mm (28 in.) shoes, 5930-kg (13,070 lb.) counterweight, full fuel tank, and 79-kg (175 lb.) operator				
		4.39-m (14 ft. 5 in.) VIH Log Loader Arm		4.10-m (13 ft. 5 in.) Live-Heel Log Loader Arm
A	Maximum Reach	10.67 m (35 ft. 0 in.)		11.71 m (38 ft. 5 in.)
A ¹	Maximum Reach at Ground Level	10.44 m (34 ft. 3 in.)		11.48 m (37 ft. 8 in.)
B	Maximum Working Depth	3.63 m (11 ft. 11 in.)		4.78 m (15 ft. 8 in.)
C	Maximum Working Height	12.78 m (41 ft. 11 in.)		13.79 m (45 ft. 3 in.)
D	Maximum Log-Level Height	9.98 m (32 ft. 9 in.)*		8.79 m (28 ft. 10 in.) [†]
D ¹	Maximum Log-Level Height	N/A		9.65 m (31 ft. 8 in.) [‡]
E	Minimum Swing Radius	4.47 m (14 ft. 8 in.)		4.57 m (15 ft. 0 in.)
F	Tail Swing Radius	3.28 m (10 ft. 9 in.)		3.28 m (10 ft. 9 in.)
*Attachment dependent.				
¹ Log resting on heel rack rear plate, attachment dependent.				
[‡] Log resting on heel rack front plate, attachment dependent.				

2656G VIH Log Loader



2656G Live-Heel Log Loader



2656G

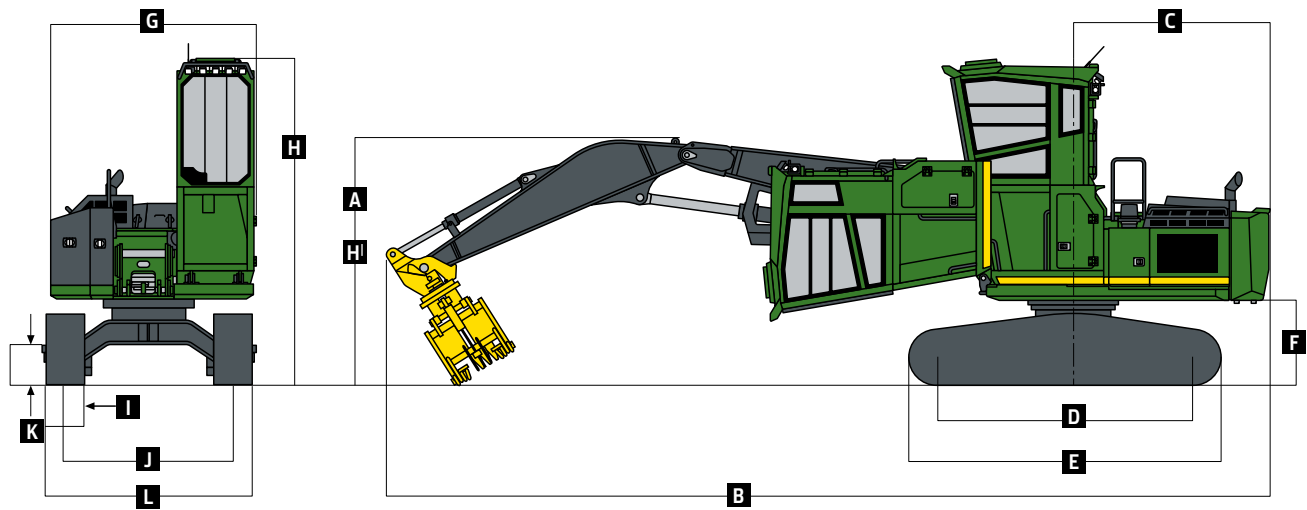
SWING MACHINE SPECIFICATIONS (continued)

Machine Dimensions	2656G VIH Log Loader	2656G Live-Heel Log Loader
A Machine Transport Height		
Side-Entry Cab	3.84 m (12 ft. 7 in.)	3.84 m (12 ft. 7 in.)
Rear-Entry Cab	3.76 m (12 ft. 4 in.)	3.76 m (12 ft. 4 in.)
B Overall Length	14.38 m (47 ft. 2 in.)	14.27 m (46 ft. 10 in.)
C Rear-End Length / Swing Radius	3.20 m (10 ft. 6 in.)	3.20 m (10 ft. 6 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 Operating Height		
Side-Entry Cab	3.84 m (12 ft. 7 in.)	3.84 m (12 ft. 7 in.)
Rear-Entry Cab	5.18 m (17 ft. 0 in.)	5.18 m (17 ft. 0 in.)
H 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. 7 in.)	3.53 m (11 ft. 7 in.)

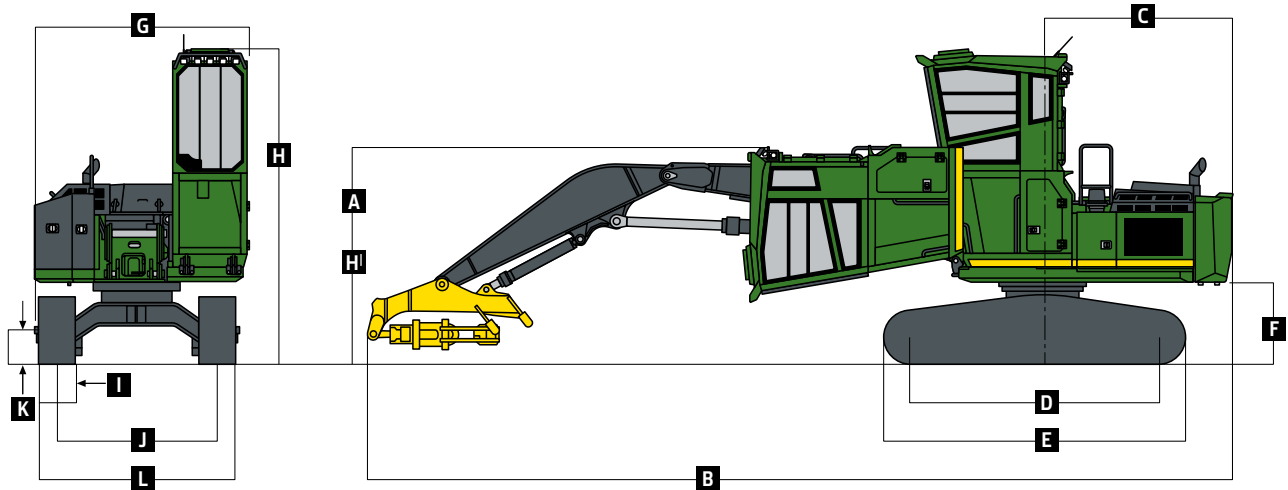
While general information, pictures, and descriptions are provided, some illustrations and text may include product options and accessories NOT AVAILABLE in all regions, and in some countries products and accessories may require modifications or additions to ensure compliance with the local regulations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

Machine Dimensions (continued)

2656G VIH Log Loader



2656G Live-Heel Log Loader



2656G *SWING MACHINE SPECIFICATIONS (continued)*

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 — 2656G VIH Log Loader with 2.79-m (9 ft. 2 in.) LC undercarriage, 700-mm (28 in.) shoes, and extra-heavy counterweight; bare pin													
	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.)		
Load Point Height	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.)	17 930	17 930											
	(39,530)	(39,530)											
10.7 m (35 ft.)			11 400	11 400	10 070	9810							
			(25,130)	(25,130)	(22,190)	(22,190)							
9.1 m (30 ft.)			10 570	10 570	9260	9260	8410	6960					
			(23,290)	(23,290)	(20,420)	(20,420)	(18,530)	(16,900)					
7.6 m (25 ft.)			10 570	10 570	9200	9200	8190	7080	7350	5090			
			(23,300)	(23,300)	(20,270)	(20,270)	(18,050)	(17,160)	(16,200)	(12,470)			
6.1 m (20 ft.)			11 370	11 370	9580	9580	8310	7000	7290	5170			
			(25,060)	(25,060)	(21,120)	(21,120)	(18,320)	(17,000)	(16,060)	(12,650)			
4.6 m (15 ft.)					10 280	9660	8600	6820	7330	5100			
					(22,660)	(22,660)	(18,950)	(16,590)	(16,160)	(12,500)			
3.1 m (10 ft.)					11 030	9190	8890	6580	7300	4990			
					(24,310)	(22,350)	(19,590)	(16,070)	(16,190)	(12,250)			
1.5 m (5 ft.)					11 430	8740	8960	6340	7170	4870			
					(25,190)	(21,350)	(19,750)	(15,500)	(15,800)	(11,990)			
Ground Line					11 120	8420	8590	6170	6620	4790			
					(24,510)	(20,640)	(18,940)	(15,150)	(14,580)	(11,800)			
–1.5 m (–5 ft.)			12 960	12 610	9900	8270	7560	6080	5370	4770			
			(28,570)	(28,570)	(21,810)	(20,310)	(16,660)	(14,970)	(11,830)	(11,770)			
–3.1 m (–10 ft.)			9630	9630	7600	7600	5550	5550					
			(21,220)	(21,220)	(16,750)	(16,750)	(12,230)	(12,230)					

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.

Lift Capacity — 2656G Live-Heel Log Loader with 2.79-m (9 ft. 2 in.) LC undercarriage, 700-mm (28 in.) shoes, and extra-heavy counterweight; bare pin												
Load Point Height	3.1 m (10 ft.)		4.6 m (15 ft.)		6.1 m (20 ft.)		7.6 m (25 ft.)		9.1 m (30 ft.)		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.)	14 900 (32,840)	14 900 (32,840)	11 790 (25,980)	11 790 (25,980)								
10.7 m (35 ft.)			9790 (21,580)	9790 (21,580)	8480 (18,690)	8480 (18,690)	7550 (16,630)	7320 (16,130)				
9.1 m (30 ft.)					8020 (17,670)	8020 (17,670)	7180 (15,820)	7060 (15,570)	6500 (14,320)	5320 (11,730)		
7.6 m (25 ft.)					8170 (18,010)	8170 (18,010)	7160 (15,780)	7160 (15,780)	6310 (13,900)	5050 (11,120)		
6.1 m (20 ft.)					8640 (19,040)	8640 (19,040)	7380 (16,260)	7250 (15,990)	6370 (14,050)	5150 (11,340)	5490 (12,110)	4000 (8,810)
4.6 m (15 ft.)					9030 (19,910)	9030 (19,910)	7770 (17,120)	7110 (15,660)	6520 (14,370)	5110 (11,270)	5480 (12,080)	3980 (8,780)
3.1 m (10 ft.)					9740 (21,460)	9740 (21,460)	8140 (17,950)	6880 (15,160)	6630 (14,620)	5080 (11,200)	5440 (11,990)	3920 (8,630)
1.5 m (5 ft.)					10 470 (23,080)	9470 (20,870)	8330 (18,360)	6620 (14,580)	6640 (14,640)	4990 (10,990)	5260 (11,600)	3830 (8,450)
Ground Line					10 720 (23,620)	9000 (19,840)	8210 (18,090)	6430 (14,180)	6510 (14,340)	4840 (10,660)	4790 (10,550)	3760 (8,290)
-1.5 m (-5 ft.)			13 680 (30,140)	13 280 (29,270)	10 040 (22,130)	8640 (19,040)	7780 (17,150)	6280 (13,840)	6180 (13,610)	4750 (10,470)	3720 (8,200)	3720 (8,200)
-3.1 m (-10 ft.)	10 360 (22,840)	10 360 (22,840)	11 300 (24,900)	11 300 (24,900)	8480 (18,690)	8480 (18,690)	6730 (14,830)	6240 (13,760)	4370 (9,630)	4370 (9,630)		
-4.6 m (-15 ft.)			7530 (16,590)	7530 (16,590)	5810 (12,800)	5810 (12,800)	3990 (8,790)	3990 (8,790)				



MSW2656GC (24-07)

Contact us to learn more.

JohnDeere.com/SwingMachines
JohnDeere.ca/SwingMachines



JOHN DEERE