



JOHN DEERE

2656G SWING MACHINE



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.



JOHN DEERE PRECISION FORESTRY

TOOLS ENABLE PRODUCTION
PLANNING & TRACKING

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.

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			
	<i>EPA FT4/EU Stage IV</i>	<i>EPA Tier 3/EU Stage IIIA / EPA Tier 2/EU Stage II</i>	
System Voltage	24 volt	24 volt	
Alternator Rating	150 amp	130 amp	
Lights (standard)			
Work	14 LEDs		14 LEDs
Service			
With Side-Entry Cab	5 LEDs (compartments)		5 LEDs (compartments)
With Rear-Entry Cab	6 LEDs (compartments and riser)		6 LEDs (compartments and riser)
Access	1 LED (right rear cab)		1 LED (right rear cab)
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 FT4/EU Stage IV	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.)

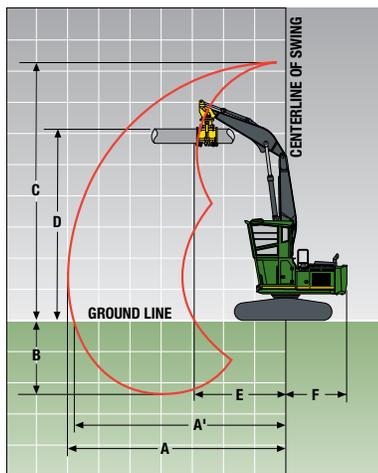
Operating Dimensions				
With standard equipment, 700-mm (28 in.) shoes, 5930-kg (13,070 lb.) counterweight, full fuel tank, and 79-kg (175 lb.) operator				
		<i>4.39-m (14 ft. 5 in.) VIH Log Loader Arm</i>		<i>4.10-m (13 ft. 5 in.) Live-Heel Log Loader Arm</i>
A Maximum Reach		10.67 m (35 ft. 0 in.)		11.71 m (38 ft. 5 in.)
A' 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' 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.

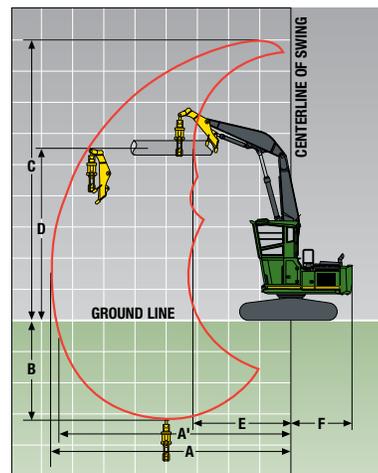
[†]Log resting on heel rack rear plate, attachment dependent.

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

2656G VIH Log Loader



2656G Live-Heel Log Loader

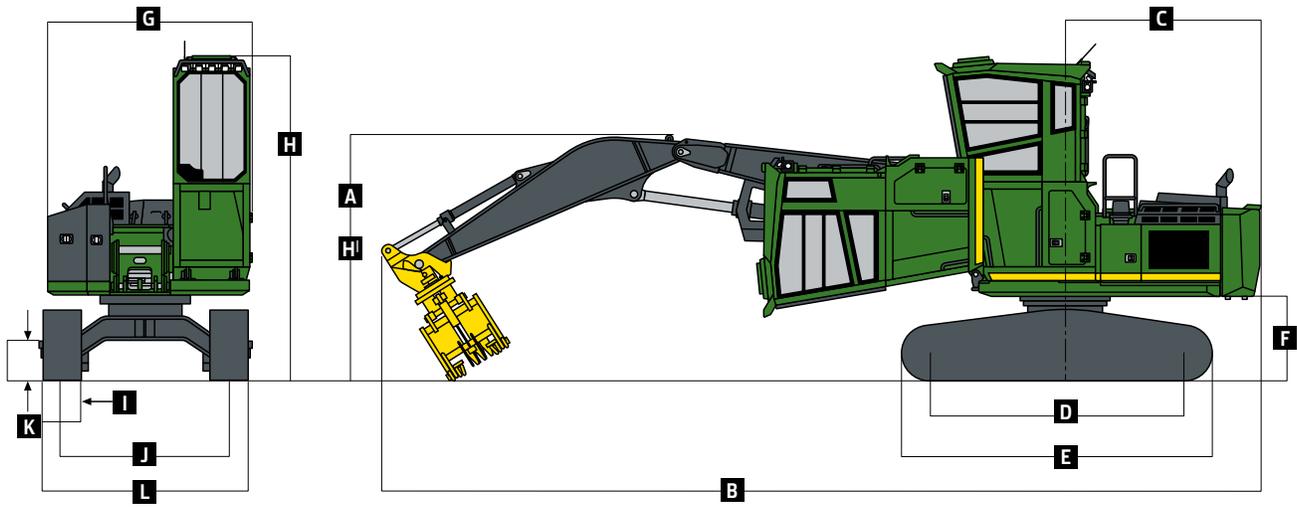


2656G SWING MACHINE SPECIFICATIONS (continued)

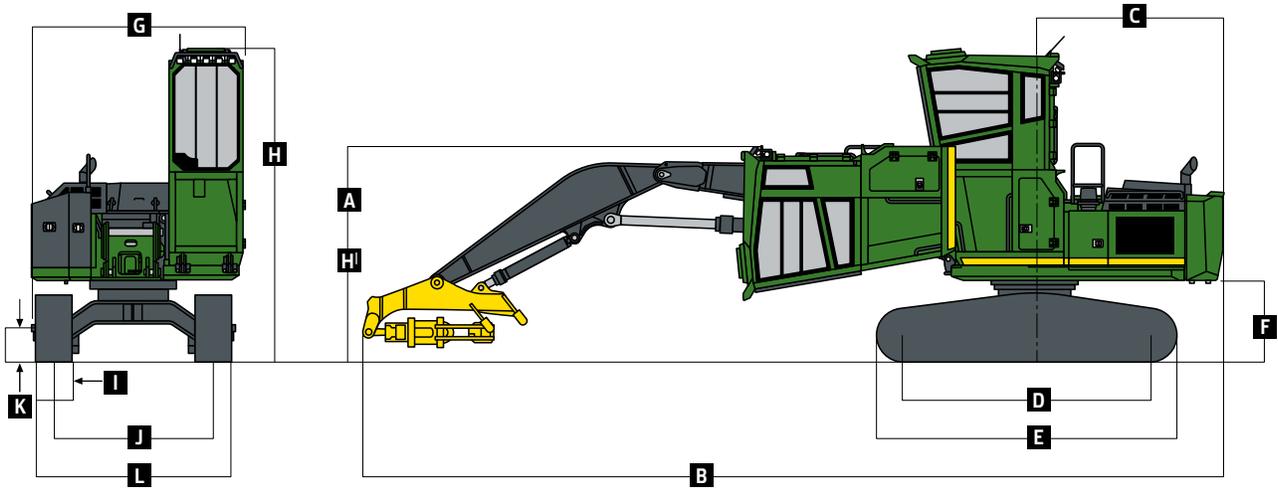
Machine Dimensions	2656G VIH Log Loader	2656G Live-Heel Log Loader
A Machine Transport Height		
Side-Entry Cab	3.84 m (12 ft. 7 in.)	3.84 m (12 ft. 7 in.)
Rear-Entry Cab	3.76 m (12 ft. 4 in.)	3.76 m (12 ft. 4 in.)
B Overall Length	14.38 m (47 ft. 2 in.)	14.27 m (46 ft. 10 in.)
C Rear-End Length / Swing 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.)
H¹ 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.)

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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												
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						
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)				

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Attachment weight is not included when calculating the lift capacities. Boldface type indicates hydraulic-limited capacities with power boost; lightface type indicates stability-limited capacities, in kg (lb.). Figures do not exceed 87 percent of hydraulic capacities or 75 percent of weight needed to tip machine.

Lift Capacity — 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								
12.2 m (40 ft.)	14 900	14 900	11 790	11 790								
	(32,840)	(32,840)	(25,980)	(25,980)								
10.7 m (35 ft.)			9790	9790	8480	8480	7550	7320				
			(21,580)	(21,580)	(18,690)	(18,690)	(16,630)	(16,130)				
9.1 m (30 ft.)					8020	8020	7180	7060	6500	5320		
					(17,670)	(17,670)	(15,820)	(15,570)	(14,320)	(11,730)		
7.6 m (25 ft.)					8170	8170	7160	7160	6310	5050		
					(18,010)	(18,010)	(15,780)	(15,780)	(13,900)	(11,120)		
6.1 m (20 ft.)					8640	8640	7380	7250	6370	5150	5490	4000
					(19,040)	(19,040)	(16,260)	(15,990)	(14,050)	(11,340)	(12,110)	(8,810)
4.6 m (15 ft.)					9030	9030	7770	7110	6520	5110	5480	3980
					(19,910)	(19,910)	(17,120)	(15,660)	(14,370)	(11,270)	(12,080)	(8,780)
3.1 m (10 ft.)					9740	9740	8140	6880	6630	5080	5440	3920
					(21,460)	(21,460)	(17,950)	(15,160)	(14,620)	(11,200)	(11,990)	(8,630)
1.5 m (5 ft.)					10 470	9470	8330	6620	6640	4990	5260	3830
					(23,080)	(20,870)	(18,360)	(14,580)	(14,640)	(10,990)	(11,600)	(8,450)
Ground Line					10 720	9000	8210	6430	6510	4840	4790	3760
					(23,620)	(19,840)	(18,090)	(14,180)	(14,340)	(10,660)	(10,550)	(8,290)
-1.5 m (-5 ft.)			13 680	13 280	10 040	8640	7780	6280	6180	4750	3720	3720
			(30,140)	(29,270)	(22,130)	(19,040)	(17,150)	(13,840)	(13,610)	(10,470)	(8,200)	(8,200)
-3.1 m (-10 ft.)	10 360	10 360	11 300	11 300	8480	8480	6730	6240	4370	4370		
	(22,840)	(22,840)	(24,900)	(24,900)	(18,690)	(18,690)	(14,830)	(13,760)	(9,630)	(9,630)		
-4.6 m (-15 ft.)			7530	7530	5810	5810	3990	3990				
			(16,590)	(16,590)	(12,800)	(12,800)	(8,790)	(8,790)				



MSW2656GC (24-07)

Contact us to learn more.

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