250G LC / 350G LC

25 825–33 632 kg (56,935–74,145 lb.) Operating Weight

JOHN DEERE

Specifications	250G LC	350G LC (ME)
Net Rated Power	132 kW (177 hp)	202 kW (271 hp)
Operating Weight	25 825 kg (56,935 lb.)	33 632 kg (74,145 lb.)
Maximum Digging Depth	6.96 m (22 ft. 10 in.)	6.22 m (20 ft. 5 in.)
Arm Digging Force	131 kN (29,450 lb.)	222 kN (49,908 lb.)
Bucket Digging Force	189 kN (42,489 lb.)	246 kN (55,303 lb.)

Fuel-efficient John Deere PowerTech™ diesel engines deliver power without compromise in all conditions.

With unsurpassed visibility, a large entryway, generous legroom, and supportive high-back seat, the spacious cab offers plenty of comfort and convenience.

Hydraulically driven, highly efficient fan (standard on the 350G LC, optional on the 250G LC) runs only as needed, reducing noise, fuel consumption, and operating costs. Reversing option automatically back-blows cooler cores to keep them clean.

Accelerate your profitability.

With strong digging forces, outstanding lift capacities, reach, and swing torque, our G-Series Excavators will maximize your productivity. Both the 250G LC and 350G LC come equipped with customer-inspired advantages such as a spacious cab with unsurpassed visibility. Smooth-operating joystick controls. And a multifunction color LCD monitor with simple navigation that lets an operator easily dial-in to a wealth of machine information and functionality. But that's only the beginning. To learn all there is to know about the G-Series Excavators, see your John Deere dealer.

Ultimate Uptime, featuring John Deere WorkSight™, is a customizable support solution available exclusively from your Deere dealer. This flexible offering maximizes equipment availability with standard John Deere WorkSight capabilities that can help prevent future downtime and speed repairs when needed. In addition to the base John Deere WorkSight features, our dealers work with you to build an uptime package that meets the specific needs of your machine, fleet, project, and business, including customized maintenance and repair agreements, onsite parts availability, extended warranties, fluid sampling, response-time guarantees, and more.

John Deere WorkSight is an exclusive suite of telematic solutions that increases uptime while lowering operating costs. At its heart, JDLink™ Ultimate machine monitoring provides real-time utilization data and alerts to help you maximize productivity and efficiency while minimizing downtime. Remote diagnostics enable your dealer to read codes, record performance data, and even update software without a trip to the jobsite.

Powerwise™ III hydraulic management system perfectly balances engine performance and hydraulic flow for predictable operation. Three productivity modes allow you to choose the digging style that fits the job. **High-productivity** delivers more power and faster hydraulic response to move more material. **Power** delivers a balance of power, speed, and fuel economy for normal operation. **Economy** limits top speed and helps save fuel.

Choose from a variety of track widths, arm lengths, buckets, high-flow auxiliary hydraulic packages, and numerous other options.

Work harder. And smarter.

You don't have to choose between working harder or working smarter. With the Powerwise III engine/hydraulic system commanding plenty of hydraulic power, the G-Series do both — putting the extra ability to work with typically smooth operation. Add to these other advantages such as three power modes and power boost, and these excavators provide everything you need to give productivity an extra push.

1. Low-effort joysticks, unmatched metering, and smooth multifunction operation deliver the control and finesse you need for utilities work.

2. Generous flow, arm force, and swing torque help speed cycles. So you can do your best to stay on schedule or ahead of the weather.

3. When the task calls for a little extra, simply press the power-boost button on the right-hand control and muscle through.

Operating ease takes a turn for the better.

Now it's easier than ever for your operators to "dial things up." The G-Series' monitor employs a rotary control that makes it quick and easy to tap into an abundance of performance and convenience functions and features. Operators will also appreciate the comfortable fabric-covered high-back seat and generous legroom in the spacious, well-appointed cab. As always, unsurpassed all-round visibility, low-effort joysticks, a highly efficient HVAC system, and numerous other amenities provide everything your operators need to do their best work.

With large self-cleaning steps and wide entryways, getting in and out of our excavators has never been easier.

Spacious cab is comfortable and noticeably quiet. Silicone-filled mounts effectively isolate operators from noise and vibration.

Sculpted mechanical-suspension high-back seat has an abundant travel range, sliding together or independent of the joystick console. So it won't cramp an operator's style, no matter the operator's size.

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

There's a place for a cooler, cup holders, and even a hot/cold box that keeps beverages at just the right temperature.

Optional right-side boom and cab-mounted lights provide illumination to extend your workday beyond normal daylight hours.

1. Multi-language LCD monitor and rotary dial provide intuitive access to a wealth of information and functions. Just turn and tap to select work mode, access operating info, check maintenance intervals, source diagnostic codes, adjust cab temperature, and tune the radio. Plus much more.

2. Wide expanse of front and side glass, narrow front cab posts, large overhead glass, and numerous mirrors provide virtually unobstructed all-around visibility.

3. Automatic, high-velocity bi-level climate-control system with automotive-style adjustable louvers helps keep the glass clear and the cab comfortable.

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Nothing runs like a John Deere, because nothing is built like one.

Like all John Deere excavators, the 250G LC and 350G LC employ highly durable digging structures and hydraulic, electrical, and undercarriage components. You'll also profit from uptime-enhancing "extras" such as tungsten-carbide-coated wear surfaces, welded-boom bulkheads, wet-sleeve engine liners, and extended service intervals. When you know how they're built, you'll run a Deere.

Graphite-iron wet-sleeve cylinder liners, mono-steel pistons, and large-diameter connecting rods ensure long-term engine durability.

Reinforced thrust plates, grooved bushings, and thermal-coated bucket joints increase arm and boom lube intervals to 500 hours.

Oil-impregnated bushings enhance durability and extend grease intervals to 500 hours for the arm-and-boom joint.

Tungsten-carbide coating creates an extremely wear-resistant surface to protect the all-important bucket-to-arm joint.

A John Deere exclusive, three welded bulkheads within the boom resist torsional stress for unsurpassed durability.

Extended engine and hydraulic oil-service intervals increase uptime and reduce daily operating costs.

1. Thick-plate single-sheet mainframe, box-section track frames, and industry-exclusive double-seal swing bearing deliver rock-solid durability.

2. With large idlers, rollers, and strutted links, the sealed and lubricated undercarriage delivers long and reliable performance.

3. Highly efficient, heavy-duty cooling system keeps things cool, even in tough environments or high altitudes.

4. Reinforced D-channel side frames provide maximum cab and component protection.

Uncover new ways to keep costs down.

Swing open the side panels and you'll discover many of the numerous ways these excavators increase uptime and reduce daily operating costs. Take the heavy-duty cooling system, for example. Its hydraulically driven fan* runs only as fast or as often as needed, reducing fuel consumption and wear-causing debris flow through the cooler cores. As always, grouped service points make quick work of the daily routine. Easy-to-check sight gauges and fluid reservoirs. Quick-change remote-mounted filters. Convenient fluid-sample ports and advanced self-diagnostics — the G-Series are loaded with time- and money-saving advantages.

1. LCD monitor tracks scheduled maintenance intervals and issues reminders. Should a problem arise, it provides diagnostic information to help decrease downtime.

2. Convenient fluid-sample and diagnostic test ports help speed preventative maintenance and defeat downtime.

3. Vertical spin-on fuel and engine oil filters are positioned in the right rear compartment for simplified ground-level servicing.

4. Fresh-air cab filter is quickly serviced from outside the cab. Where it's more likely to get done.

5. Centralized lube banks place difficult-to-lube zerks within easy reach. They make greasing less messy and time consuming, too.

6. Perforations in the hood and side shields act as a "first filter." Anything that passes through will also clear the 10-fin-per-inch cooler cores.

**Standard on the 350G LC, optional on the 250G LC.*

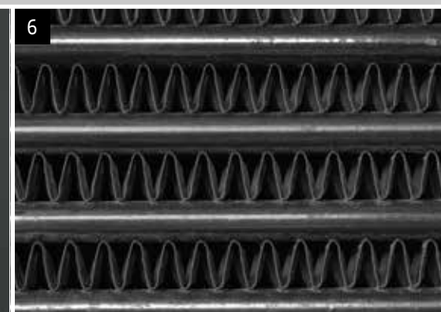
Auto-idle automatically reduces engine speed when hydraulics aren't in use. Auto shutdown further preserves precious fuel.

Optional reversing fan back-blows cooler cores to reduce debris buildup. It's a welcome addition that helps increase uptime.

Fluid-level sight gauges are conveniently located and can be checked at a glance.

Large fuel tanks and 500- and 5,000-hour engine and hydraulic oil-service intervals decrease downtime for routine maintenance.

Convenient color-coded lubrication and maintenance chart helps ensure that nothing gets overlooked.

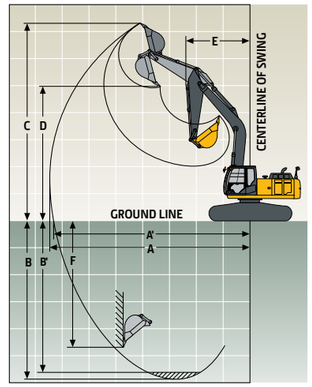


250G LC

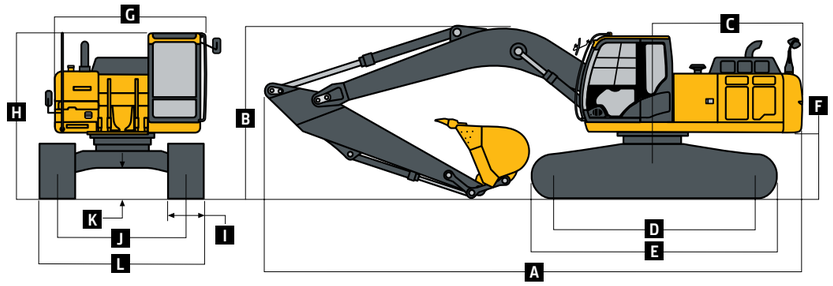
Engine	250G LC	
	Base engine	**Optional engine**
Manufacturer and Model	John Deere PowerTech™ 6.8 L	John Deere PowerTech™ Plus 6.8 L
Non-Road Emissions Standard	EPA Tier 2/EPA Stage II	EPA Tier 3/EU Stage IIIA
Net Rated Power (ISO 9249)	132 kW (177 hp) at 2,000 rpm	132 kW (177 hp) at 2,000 rpm
Cylinders	6	6
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
Cooling		
Direct-driven, high-efficiency, low-noise, suction-type fan		
Powertrain		
2-speed propel with automatic shift		
Maximum Travel Speed		
Low	3.3 km/h (2.1 mph)	
High	5.5 km/h (3.4 mph)	
Drawbar Pull	22 650 kg (49,935 lb.)	
Hydraulics		
Open center, load sensing		
Main Pumps	2 variable-displacement pumps	
Maximum Rated Flow	224 L/m (59.2 gpm) x 2	
Pilot Pump	1 gear	
Maximum Rated Flow	34 L/m (8.9 gpm)	
Pressure Setting	3900 kPa (566 psi)	
System Operating Pressure		
Circuits		
Implement	34 300 kPa (4,975 psi)	
Travel	35 000 kPa (5,076 psi)	
Swing	33 300 kPa (4,830 psi)	
Power Boost	38 000 kPa (5,511 psi)	
Controls	Pilot levers, short stroke, low-effort hydraulic pilot controls with shutoff lever	
Cylinders		
	Bore	*Rod Diameter*	*Stroke*
Boom (2)	124 mm (4.9 in.)	89 mm (3.5 in.)	1389 mm (54.7 in.)
Arm (1)	140 mm (5.5 in.)	99 mm (3.9 in.)	1610 mm (63.4 in.)
Bucket (1)	130 mm (5.1 in.)	89 mm (3.5 in.)	1074 mm (42.3 in.)
Electrical			
Number of Batteries (12 volt)	2		
Battery Capacity	1,000 CCA		
Alternator Rating	80 amp		
Work Lights	2 halogen (1 mounted on boom, 1 on frame)		
Undercarriage			
Rollers (each side)			
Carrier	2		
Track	9		
Shoes, Triple Semi-Grousers (each side)	51		
Track			
Adjustment	Hydraulic		
Guides	Center		
Chain	Sealed and lubricated		

Ground Pressure	250G LC
Triple Semi-Grouser Shoes	
600 mm (24 in.)	51.7 kPa (7.50 psi)
700 mm (28 in.)	43.9 kPa (6.37 psi)
800 mm (32 in.)	38.4 kPa (5.57 psi)
Swing Mechanism	
Speed	13.5 rpm
Torque	74 376 Nm (54,857 lb.-ft.)
Serviceability	
Refill Capacities	
Fuel Tank	500 L (132 gal.)
Cooling System	26.4 L (28 qt.)
Engine Oil with Filter	19.5 L (5.2 gal.)
Hydraulic Tank	147.6 L (39 gal.)
Hydraulic System	240 L (63 gal.)
Swing Drive	7 L (7.5 qt.)
Gearbox	
Propel (each)	6.2 L (6.5 qt.)
Pump Drive	1.1 L (1.2 qt.)
Operating Weights	
With full fuel tank; 79-kg (175 lb.) operator; 1.35-m³ (1.77 cu. yd.), 1372-mm (54 in.), 1150-kg (2,534 lb.) bucket; 2.96-m (9 ft. 9 in.) arm; 5112-kg (11,270 lb.) counterweight; and 600-mm (24 in.) triple semi-grouser shoes	
Operating Weight	25 825 kg (56,935 lb.)
Component Weights	
Undercarriage with Triple Semi-Grouser Shoes	
600 mm (24 in.)	8030 kg (17,703 lb.)
700 mm (28 in.)	8467 kg (18,667 lb.)
800 mm (32 in.)	8752 kg (19,294 lb.)
1-Piece Boom (with arm cylinder)	2240 kg (4,872 lb.)
Arm with Bucket Cylinder and Linkage	
2.50 m (8 ft. 2 in.)	1225 kg (2,701 lb.)
2.96 m (9 ft. 9 in.)	1296 kg (2,858 lb.)
3.61 m (11 ft. 10 in.)	1396 kg (3,078 lb.)
Boom-Lift Cylinders (2), Total Weight	408 kg (958 lb.)

Operating Dimensions				
Arm Length		*2.50 m (8 ft. 2 in.)*	*2.96 m (9 ft. 9 in.)*	*3.61 m (11 ft. 10 in.)*
Arm Digging Force				
SAE		154.0 kN (34,621 lb.)	129.1 kN (29,021 lb.)	112.2 kN (25,220 lb.)
ISO		158.0 kN (35,520 lb.)	131.0 kN (29,450 lb.)	114.0 kN (25,628 lb.)
Bucket Digging Force				
SAE		164.0 kN (36,869 lb.)	164.0 kN (36,869 lb.)	164.0 kN (36,869 lb.)
ISO		189.0 kN (42,489 lb.)	189.0 kN (42,489 lb.)	189.0 kN (42,489 lb.)
A	Maximum Reach	9.88 m (32 ft. 5 in.)	10.29 m (33 ft. 9 in.)	10.91 m (35 ft. 10 in.)
A[1]	Maximum Reach at Ground Level	9.69 m (31 ft. 9 in.)	10.11 m (33 ft. 2 in.)	10.75 m (35 ft. 3 in.)
B	Maximum Digging Depth	6.50 m (21 ft. 4 in.)	6.96 m (22 ft. 10 in.)	7.61 m (25 ft. 0 in.)
B[1]	Maximum Digging Depth at 2.44-m (8 ft. 0 in.) Flat Bottom	6.26 m (20 ft. 6 in.)	6.75 m (22 ft. 2 in.)	7.44 m (24 ft. 5 in.)
C	Maximum Cutting Height	9.95 m (32 ft. 8 in.)	10.16 m (33 ft. 4 in.)	10.56 m (34 ft. 8 in.)
D	Maximum Dumping Height	6.99 m (22 ft. 11 in.)	7.20 m (23 ft. 7 in.)	7.58 m (24 ft. 10 in.)
E	Minimum Swing Radius	3.48 m (11 ft. 5 in.)	3.44 m (11 ft. 3 in.)	3.43 m (11 ft. 3 in.)
F	Maximum Vertical Wall	5.57 m (18 ft. 3 in.)	6.03 m (19 ft. 9 in.)	6.74 m (22 ft. 1 in.)



Machine Dimensions	250G LC		
Arm Length	*2.50 m (8 ft. 2 in.)*	*2.96 m (9 ft. 9 in.)*	*3.61 m (11 ft. 10 in.)*
A Overall Length	10.47 m (34 ft. 4 in.)	10.35 m (33 ft. 11 in.)	10.41 m (34 ft. 2 in.)
B Overall Height	3.37 m (11 ft. 1 in.)	3.07 m (10 ft. 1 in.)	3.14 m (10 ft. 4 in.)
C Rear-End Length/Swing Radius	3.14 m (10 ft. 4 in.)		
D Distance Between Idler/Sprocket Centerline	3.84 m (12 ft. 7 in.)		
E Undercarriage Length	4.64 m (15 ft. 3 in.)		
F Counterweight Clearance	1.09 m (3 ft. 7 in.)		
G Upperstructure Width	2.89 m (9 ft. 6 in.)		
H Cab Height	3.11 m (10 ft. 2 in.)		
I Track Width with Triple Semi-Grouser Shoes	600 mm (24 in.) / 700 mm (28 in.) / 800 mm (32 in.)		
J Gauge Width	2.59 m (8 ft. 6 in.)		
K Ground Clearance	0.51 m (20 in.)		
L Overall Width with Triple Semi-Grouser Shoes			
600 mm (24 in.)	3.19 m (10 ft. 6 in.)		
700 mm (28 in.)	3.29 m (10 ft. 10 in.)		
800 mm (32 in.)	3.39 m (11 ft. 3 in.)		



Lift Capacities

Boldface type indicates hydraulically limited capacity; lightface type indicates stability-limited capacities, in kg (lb.). Ratings at bucket lift hook; machine equipped with standard gauge and situated on firm, uniform supporting surface. Total load includes weight of cables, hook, etc. Figures do not exceed 87 percent of hydraulic capacities or 75 percent of weight needed to tip machine. All lift capacities are based on ISO 10567.

	HORIZONTAL DISTANCE FROM CENTERLINE OF ROTATION											
	1.5 m (5 ft.)		3.0 m (10 ft.)		4.5 m (15 ft.)		6.0 m (20 ft.)		7.5 m (25 ft.)		9.0 m (30 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
With 2.50-m (8 ft. 2 in.) arm, 851-kg (1,876 lb.) bucket, and 600-mm (24 in.) shoes												
6.0 m (20 ft.)							**5600 (12,200)**	**5600 (12,200)**				
4.5 m (15 ft.)					**7800 (16,700)**	**7800 (16,700)**	**6300 (13,700)**	5650 (12,150)	**5700 (12,450)**	3800 (8,150)		
3.0 m (10 ft.)					**10 150 (21,750)**	8400 (18,100)	**7350 (15,900)**	5300 (11,450)	5850 (12,550)	3650 (7,850)		
1.5 m (5 ft.)					**11 950 (25,700)**	7800 (16,800)	8200 (17,600)	5000 (10,800)	5650 (12,200)	3500 (7,500)		
Ground Line					**12 500 (27,100)**	7600 (16,300)	8000 (17,150)	4850 (10,400)	5550 (11,950)	3400 (7,300)		
–1.5 m (–5 ft.)			**8800 (20,200)**	**8800 (20,200)**	**12 200 (26,500)**	7550 (16,250)	7900 (17,000)	4800 (10,300)	5550			
–3.0 m (–10 ft.)			**15 400 (33,400)**	**15 400 (33,400)**	**11 100 (24,000)**	7700 (16,550)	8000 (17,250)	4850 (10,500)				
–4.5 m (–15 ft.)			**11 850 (25,400)**	**11 850 (25,400)**	**8600 (18,200)**	8050 (17,300)						

Lift Capacities *(continued)*

Boldface type indicates hydraulically limited capacity; lightface type indicates stability-limited capacities, in kg (lb.). Ratings at bucket lift hook; machine equipped with standard gauge and situated on firm, uniform supporting surface. Total load includes weight of cables, hook, etc. Figures do not exceed 87 percent of hydraulic capacities or 75 percent of weight needed to tip machine. All lift capacities are based on ISO 10567.

	HORIZONTAL DISTANCE FROM CENTERLINE OF ROTATION											
	1.5 m (5 ft.)		3.0 m (10 ft.)		4.5 m (15 ft.)		6.0 m (20 ft.)		7.5 m (25 ft.)		9.0 m (30 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
With 2.96-m (9 ft. 9 in.) arm, 851-kg (1,876 lb.) bucket, and 600-mm (24 in.) shoes												
6.0 m (20 ft.)							**5100 (11,200)**	**5100 (11,200)**	**4250**	4150		
4.5 m (15 ft.)					**7100 (15,300)**	**7100 (15,300)**	**5900 (12,850)**	**5900 (12,850)**	**5350 (11,700)**	4100 (8,750)		
3.0 m (10 ft.)					**9500 (20,450)**	9100 (19,700)	**7050 (15,250)**	5750 (12,400)	**5900 (12,800)**	3950 (8,450)		
1.5 m (5 ft.)					**11 550 (24,900)**	8450 (18,250)	**8100 (17,550)**	5400 (11,700)	6000 (12,900)	3750 (8,150)		
Ground Line					**12 500 (27,100)**	8150 (17,550)	8450 (18,150)	5200 (11,200)	5850 (12,650)	3650 (7,850)		
–1.5 m (–5 ft.)			**8400 (19,250)**	**8400 (19,250)**	**12 550 (27,150)**	8050 (17,350)	8350 (17,900)	5100 (11,000)	5800 (12,550)	3600 (7,750)		
–3.0 m (–10 ft.)	**9950 (22,400)**	**(22,400)**	**14 550 (33,300)**	**14 550 (33,300)**	**11 700 (25,350)**	8150 (17,550)	8350 (18,000)	5150 (11,100)				
–4.5 m (–15 ft.)			**13 700 (29,500)**	**13 700 (29,500)**	**9750 (20,850)**	8400 (18,100)						
With 3.61-m (11 ft. 10 in.) arm, 851-kg (1,876 lb.) bucket, and 600-mm (24 in.) shoes												
6.0 m (20 ft.)							**4350 (9,550)**	**4350 (9,550)**	**4050 (8,600)**	**4050 (8,600)**		
4.5 m (15 ft.)							**5200 (11,300)**	**5200 (11,300)**	**4800 (10,500)**	4150 (8,950)		
3.0 m (10 ft.)					**8350 (17,950)**	**8350 (17,950)**	**6400 (13,850)**	5850 (12,650)	**5400 (11,800)**	4000 (8,600)	**3800 (7,400)**	2800 (6,000)
1.5 m (5 ft.)			**(29,350)**	**(29,350)**	**10 700 (23,050)**	8650 (18,650)	**7600 (16,450)**	5500 (11,850)	6050 (13,000)	3800 (8,200)	4400 **(8,800)**	2700 (5,850)
Ground Line			**4450 (10,350)**	**4450 (10,350)**	**12 100 (26,200)**	8200 (17,650)	8450 (18,200)	5200 (11,250)	5850 (12,600)	3650 (7,850)	4350 **(8,100)**	2650 (5,700)
–1.5 m (–5 ft.)	**4350 (9,800)**	**4350 (9,800)**	**7650 (17,500)**	**7650 (17,500)**	**12 550 (27,200)**	8000 (17,250)	8300 (17,850)	5050 (10,950)	5750 (12,400)	3550 (7,650)		
–3.0 m (–10 ft.)	**8000 (18,100)**	**8000 (18,100)**	**12 100 (27,650)**	**12 100 (27,650)**	**12 150 (26,300)**	8050 (17,250)	8250 (17,800)	5050 (10,900)	5750 (12,450)	3550 (7,700)		
–4.5 m (–15 ft.)	**12 600 (28,550)**	**12 600 (28,550)**	**15 600 (33,650)**	**15 600 (33,650)**	**10 750 (23,150)**	8200 (17,650)	**7750 (16,550)**	5150 (11,150)				
–6.0 m (–20 ft.)					**7450**	**7450**						
With 2.96-m (9 ft. 9 in.) arm, 851-kg (1,876 lb.) bucket, and 700-mm (28 in.) shoes												
6.0 m (20 ft.)							**5100 (11,200)**	**5100 (11,200)**	**4250**	4200		
4.5 m (15 ft.)					**7100 (15,300)**	**7100 (15,300)**	**5900 (12,850)**	**5900 (12,850)**	**5350 (11,700)**	4150 (8,900)		
3.0 m (10 ft.)					**9500 (20,450)**	9250 (19,900)	**7050 (15,250)**	5800 (12,550)	**5900 (12,800)**	4000 (8,600)		
1.5 m (5 ft.)					**11 550 (24,900)**	8550 (18,500)	**8100 (17,550)**	5500 (11,850)	6100 (13,100)	3850 (8,250)		
Ground Line					**12 500 (27,100)**	8250 (17,750)	8550 (18,400)	5250 (11,350)	5950 (12,800)	3700 (8,000)		
–1.5 m (–5 ft.)			**8400 (19,250)**	**8400 (19,250)**	**12 550 (27,150)**	8200 (17,600)	8450 (18,150)	5200 (11,150)	5900 (12,700)	3650 (7,900)		
–3.0 m (–10 ft.)	**9950 (22,400)**	**9950 (22,400)**	**14 550 (33,300)**	**14 550 (33,300)**	**11 700 (25,350)**	8250 (17,800)	8500 (18,250)	5200 (11,250)				
–4.5 m (–15 ft.)			**13 700 (29,500)**	**13 700 (29,500)**	**9750 (20,850)**	8500 (18,350)						

Lift Capacities *(continued)* — 250G LC

Boldface type indicates hydraulically limited capacity; lightface type indicates stability-limited capacities, in kg (lb.). Ratings at bucket lift hook; machine equipped with standard gauge and situated on firm, uniform supporting surface. Total load includes weight of cables, hook, etc. Figures do not exceed 87 percent of hydraulic capacities or 75 percent of weight needed to tip machine. All lift capacities are based on ISO 10567.

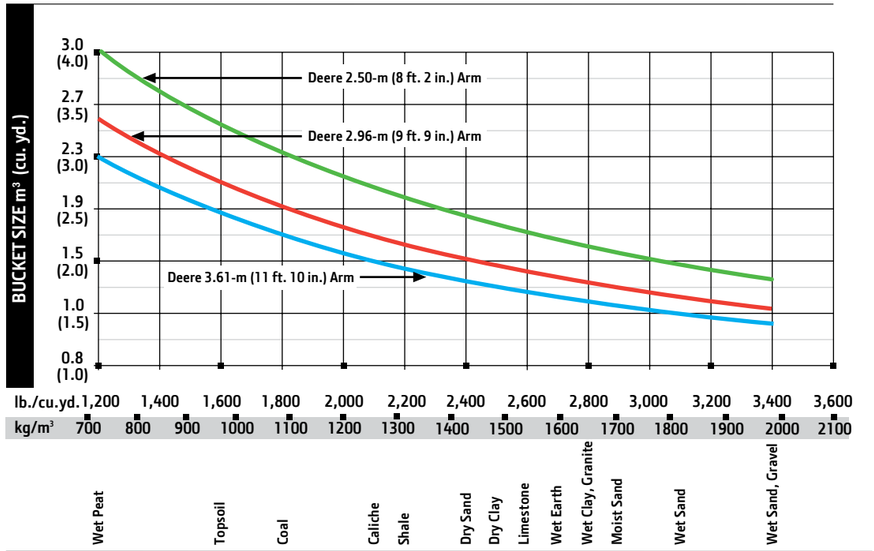
	HORIZONTAL DISTANCE FROM CENTERLINE OF ROTATION											
	1.5 m (5 ft.)		3.0 m (10 ft.)		4.5 m (15 ft.)		6.0 m (20 ft.)		7.5 m (25 ft.)		9.0 m (30 ft.)	
LOAD POINT HEIGHT	Over Front	Over Side	Over Front	Over Side	Over Front	Over Side	Over Front	Over Side	Over Front	Over Side	Over Front	Over Side
With 3.61-m (11 ft. 10 in.) arm, 851-kg (1,876 lb.) bucket, and 700-mm (28 in.) shoes												
6.0 m (20 ft.)							**4350 (9,550)**	**4350 (9,550)**	**4000 (8,600)**	**4050 (8,600)**		
4.5 m (15 ft.)							**5200 (11,300)**	**5200 (11,300)**	**4800 (10,500)**	4200 (9,000)		
3.0 m (10 ft.)					**8350 (17,950)**	**8350 (17,950)**	**6400 (13,850)**	5950 (12,800)	**5400 (11,800)**	4050 (8,700)	**3800 (7,400)**	2850 (6,100)
1.5 m (5 ft.)			**4450 (10,350)**	**4450 (10,350)**	**10 700 (23,050)**	8750 (18,900)	**7600 (16,450)**	5500 (12,000)	**6100 (13,150)**	3850 (8,300)	4450 (8,800)	2750 (5,950)
Ground Line			**4450 (10,350)**	**4450 (10,350)**	**12 100 (26,200)**	8300 (17,900)	**8500 (18,450)**	5300 (11,400)	5950 (12,800)	3700 (7,950)	4400 (8,100)	2700 (5,800)
–1.5 m (–5 ft.)	**4350 (9,800)**	**4350 (9,800)**	**7650 (17,500)**	**7650 (17,500)**	**12 550 (27,200)**	8100 (17,500)	8400 (18,100)	5150 (11,100)	5850 (12,600)	3600 (7,800)		
–3.0 m (–10 ft.)	**8000 (18,100)**	**8000 (18,100)**	**12 100 (27,650)**	**12 100 (27,650)**	**12 150 (26,300)**	8150 (17,500)	8400 (18,050)	5100 (11,050)	5850 (12,600)	3600 (7,800)		
–4.5 m (–15 ft.)	**12 600 (28,550)**	**12 600 (28,550)**	**15 600 (33,650)**	**15 600 (33,650)**	**10 750 (23,150)**	8300 (17,900)	**7750 (16,550)**	5250 (11,350)				
–6.0 m (–20 ft.)					**7750**	**7450**						
With 3.61-m (11 ft. 10 in.) arm, 871-kg (1,920 lb.) bucket, and 800-mm (32 in.) shoes												
6.0 m (20 ft.)							**4350 (9,550)**	**4350 (9,550)**	**4050 (8,600)**	**4050 (8,600)**		
4.5 m (15 ft.)							**5200 (11,300)**	**5200 (11,300)**	**4800 (10,500)**	4250 (9,150)		
3.0 m (10 ft.)					**8350 (17,950)**	**8350 (17,950)**	**6400 (13,850)**	6000 (12,950)	**5400 (11,800)**	4100 (8,800)	**3800 (7,400)**	2900 (6,200)
1.5 m (5 ft.)			**4450 (10,350)**	**4450 (10,350)**	**10 700 (23,050)**	8850 (19,100)	**7600 (16,450)**	5650 (12,150)	**6100 (13,250)**	3900 (8,400)	**4500 (8,800)**	2800 (6,050)
Ground Line			**4450 (10,350)**	**4450 (10,350)**	**12 100 (26,200)**	8400 (18,100)	**8500 (18,450)**	5350 (11,550)	6000 (12,950)	3750 (8,050)	**4400 (8,100)**	2750 (5,900)
–1.5 m (–5 ft.)	**4350 (9,800)**	**4350 (9,800)**	**7650 (17,500)**	**7650 (17,500)**	**12 550 (27,200)**	8200 (17,700)	8500 (18,300)	5200 (11,200)	5900 (12,750)	3650 (7,900)		
–3.0 m (–10 ft.)	**8000 (18,100)**	**8000 (18,100)**	**12 100 (27,650)**	**12 100 (27,650)**	**12 150 (26,300)**	8250 (17,700)	8500 (18,250)	5200 (11,200)	5950 (12,800)	3650 (7,900)		
–4.5 m (–15 ft.)	**12 600 (25,550)**	**12 600 (25,550)**	**15 600 (33,650)**	**15 600 (33,650)**	**10 750 (23,150)**	8400 (18,100)	**7750 (16,550)**	5300 (11,450)				
–6.0 m (–20 ft.)					**7450**	**7450**						

Buckets — 250G LC

A full line of buckets is offered to meet a wide variety of applications. Digging forces are with power boost. Buckets are equipped with John Deere TK-Series Bucket Teeth standard. Replaceable cutting edges and a variety of teeth are available through John Deere Parts. Optional side cutters add 150 mm (6 in.) to bucket widths. Capacities are SAE heaped ratings.

Bucket Type	Bucket Width		Bucket Capacity		Bucket Weight	
	mm	in.	m^3	cu. yd.	kg	lb.
Heavy Duty	1219	48	1.20	1.57	1112	2,452
	1372	54	1.36	1.78	1200	2,646
	1372	54	1.46	1.91	1582	3,488
Severe Duty	1372	54	1.46	1.91	1742	3,840

Bucket Selection Guide*



*Contact your John Deere dealer for optimum bucket and attachment selections. These recommendations are for general conditions and average use. Does not include optional equipment such as thumbs or couplers. Larger buckets may be possible when using light materials, for flat and level operations, less compacted materials, and volume loading applications such as mass-excavation applications in ideal conditions. Smaller buckets are recommended for adverse conditions such as off-level applications, rocks, and uneven surfaces. Bucket capacity indicated is SAE heaped.

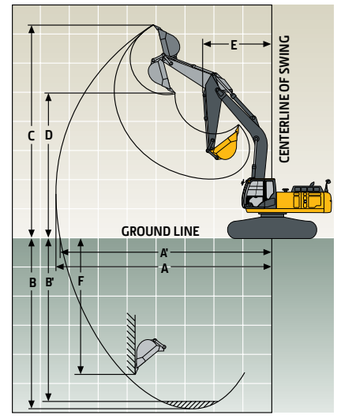
350G LC

Engine	350G LC	
	Base engine	**Optional engine**
Manufacturer and Model	John Deere PowerTech™ 9.0 L	John Deere PowerTech™ Plus 9.0 L
Non-Road Emissions Standard	EPA Tier 2/EPA Stage II	EPA Tier 3/EU Stage IIIA
Net Rated Power (ISO 9249)	202 kW (271 hp) at 1,900 rpm	202 kW (271 hp) at 1,900 rpm
Cylinders	6	6
Displacement	9.0 L (549 cu. in.)	9.0 L (549 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
Cooling		
Cool-on-demand hydraulic-driven, suction-type fan with remote-mounted drive		
Powertrain		
2-speed propel with automatic shift		
Maximum Travel Speed		
Low	3.2 km/h (2.0 mph)	
High	5.0 km/h (3.1 mph)	
Drawbar Pull	30 388 kg (66,993 lb.)	
Hydraulics		
Open center, load sensing		
Main Pumps	2 variable-displacement pumps	
Maximum Rated Flow	288 L/m (76.1 gpm) x 2	
Pilot Pump	1 gear	
Maximum Rated Flow	33.7 L/m (8.9 gpm)	
Pressure Setting		
Low Idle	3800 kPa (551 psi)	
High Idle	3900 kPa (566 psi)	
System Operating Pressure		
Circuits		
Implement	34 300 kPa (4,975 psi)	
Travel	35 000 kPa (5,076 psi)	
Swing	33 300 kPa (4,830 psi)	
Power Boost	38 000 kPa (5,511 psi)	
Controls	Pilot levers, short stroke, low-effort hydraulic pilot controls with shutoff lever	

Cylinders	*Bore*	*Rod Diameter*	*Stroke*
Boom (2)	145 mm (5.7 in.)	100 mm (3.9 in.)	1520 mm (59.8 in.)
Arm (1)	170 mm (6.7 in.)	115 mm (4.5 in.)	1740 mm (68.5 in.)
Bucket (1)	140 mm (5.5 in.)	95 mm (3.7 in.)	1250 mm (49.2 in.)
Mass-Excavating (ME) Bucket (1)	145 mm (5.7 in.)	95 mm (3.7 in.)	1250 mm (49.2 in.)

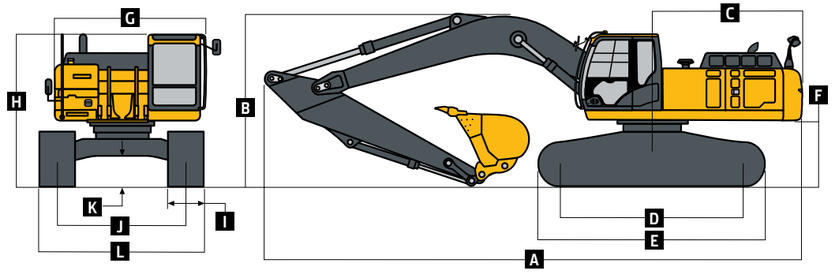
Electrical	
Number of Batteries (12 volt)	2
Battery Capacity	1,000 CCA
Alternator Rating	80 amp
Work Lights	2 halogen (1 mounted on boom, 1 on frame)
Undercarriage	
Rollers (each side)	
Carrier	2
Track	8
Shoes, Triple Semi-Grousers (each side)	48
Track	
Adjustment	Hydraulic
Guides	3 per side
Chain	Sealed and lubricated
Ground Pressure	
Triple Semi-Grouser Shoes	
600 mm (24 in.)	62.8 kPa (9.10 psi)
700 mm (28 in.)	55.8 kPa (8.09 psi)
800 mm (32 in.)	48.8 kPa (7.08 psi)

Swing Mechanism	350G LC
Speed	10.7 rpm
Torque	120 000 Nm (88,500 lb.-ft.)
Serviceability	
Refill Capacities	
Fuel Tank	630 L (166 gal.)
Cooling System	39.7 L (11 gal.)
Engine Oil with Filter	27 L (7 gal.)
Hydraulic Tank	180 L (48 gal.)
Hydraulic System	378 L (100 gal.)
Swing Drive	15.7 L (16.6 qt.)
Gearbox	
Propel (each)	9.2 L (9.7 qt.)
Pump Drive	1.1 L (1.2 qt.)
Operating Weights	
With full fuel tank; 79-kg (175 lb.) operator; 1.76-m³ (2.3 cu. yd.), 1370-mm (54 in.), 1160-kg (2,557 lb.) bucket; 2.67-m (8 ft. 9 in.) Heavy-Duty (HD) arm; 5.7-m (18 ft. 8 in.) mass-excavating (ME) boom; 6900-kg (15,212 lb.) counterweight; and 600-mm (24 in.) triple semi-grouser shoes	
Operating Weight	33 632 kg (74,145 lb.)
Component Weights	
Undercarriage with Triple Semi-Grouser Shoes	
600 mm (24 in.)	11 720 kg (25,838 lb.)
700 mm (28 in.)	12 340 kg (27,205 lb.)
800 mm (32 in.)	12 710 kg (28,021 lb.)
1-Piece Boom (with arm cylinder)	
6.4 m (21 ft. 0 in.)	3246 kg (7,156 lb.)
5.7-m (18 ft. 8 in.) ME	3173 kg (6,995 lb.)
Arm with Bucket Cylinder and Linkage	
2.1-m (6 ft. 10 in.) ME	1830 kg (4,034 lb.)
2.67-m (8 ft. 9 in.) HD	1904 kg (4,198 lb.)
3.2 m (10 ft. 6 in.)	1811 kg (3,993 lb.)
4.0 m (13 ft. 1 in.)	1935 kg (4,266 lb.)
Boom-Lift Cylinders (2), Total Weight	290 kg (639 lb.)



Operating Dimensions					
Length					
Arm	*2.1-m (6 ft. 10 in.) ME*	*2.67-m (8 ft. 9 in.) HD*	*2.67-m (8 ft. 9 in.) HD*	*3.2 m (10 ft. 6 in.)*	*4.0 m (13 ft. 1 in.)*
Boom	*5.7-m (18 ft. 8 in.) ME*	*5.7-m (18 ft. 8 in.) ME*	*6.4 m (21 ft. 0 in.)*	*6.4 m (21 ft. 0 in.)*	*6.4 m (21 ft. 0 in.)*
Arm Digging Force					
SAE	275 kN (61,822 lb.)	213 kN (47,884 lb.)	213 kN (47,884 lb.)	177 kN (39,791 lb.)	153 kN (34,396 lb.)
ISO	288 kN (64,745 lb.)	222 kN (49,908 lb.)	222 kN (49,908 lb.)	185 kN (41,590 lb.)	159 kN (35,745 lb.)
Bucket Digging Force					
SAE	229 kN (51,481 lb.)	214 kN (48,109 lb.)	214 kN (48,109 lb.)	214 kN (48,109 lb.)	214 kN (48,109 lb.)
ISO	264 kN (59,350 lb.)	246 kN (55,303 lb.)	246 kN (55,303 lb.)	246 kN (55,303 lb.)	246 kN (55,303 lb.)
A Maximum Reach	9.41 m (30 ft. 10 in.)	9.93 m (32 ft. 7 in.)	10.57 m (34 ft. 8 in.)	11.10 m (36 ft. 5 in.)	11.86 m (38 ft. 11 in.)
A' Maximum Reach at Ground Level	9.16 m (30 ft. 1 in.)	9.69 m (31 ft. 9 in.)	10.36 m (34 ft. 0 in.)	10.89 m (35 ft. 9 in.)	11.67 m (38 ft. 3 in.)
B Maximum Digging Depth	5.62 m (18 ft. 5 in.)	6.22 m (20 ft. 5 in.)	6.84 m (22 ft. 5 in.)	7.38 m (24 ft. 3 in.)	8.18 m (26 ft. 10 in.)
B' Maximum Digging Depth at 2.44-m (8 ft. 0 in.) Flat Bottom	5.39 m (17 ft. 8 in.)	6.02 m (19 ft. 9 in.)	6.64 m (21 ft. 9 in.)	7.21 m (23 ft. 8 in.)	8.04 m (26 ft. 5 in.)
C Maximum Cutting Height	9.43 m (30 ft. 11 in.)	9.66 m (31 ft. 8 in.)	9.99 m (32 ft. 9 in.)	10.36 m (34 ft. 0 in.)	10.75 m (35 ft. 3 in.)
D Maximum Dumping Height	6.39 m (21 ft. 0 in.)	6.60 m (21 ft. 8 in.)	6.94 m (22 ft. 9 in.)	7.24 m (23 ft. 9 in.)	7.63 m (25 ft. 0 in.)
E Minimum Swing Radius	4.04 m (13 ft. 3 in.)	4.05 m (13 ft. 3 in.)	4.61 m (15 ft. 1 in.)	4.46 m (14 ft. 8 in.)	4.47 m (14 ft. 8 in.)
F Maximum Vertical Wall	4.15 m (13 ft. 7 in.)	4.78 m (15 ft. 8 in.)	5.51 m (18 ft. 1 in.)	6.42 m (21 ft. 1 in.)	7.27 m (23 ft. 10 in.)

Machine Dimensions		350G LC				
Length						
	Arm	*2.1-m (6 ft. 10 in.) ME*	*2.67-m (8 ft. 9 in.) HD*	*2.67-m (8 ft. 9 in.) HD*	*3.2 m (10 ft. 6 in.)*	*4.0 m (13 ft. 1 in.)*
	Boom	*5.7-m (18 ft. 8 in.) ME*	*5.7-m (18 ft. 8 in.) ME*	*6.4 m (21 ft. 0 in.)*	*6.4 m (21 ft. 0 in.)*	*6.4 m (21 ft. 0 in.)*
A	Overall Length	10.99 m (36 ft. 1 in.)	11.34 m (37 ft. 2 in.)	11.33 m (37 ft. 2 in.)	11.20 m (36 ft. 9 in.)	11.29 m (37 ft. 0 in.)
B	Overall Height	4.04 m (13 ft. 3 in.)	3.47 m (11 ft. 5 in.)	3.47 m (11 ft. 5 in.)	3.27 m (10 ft. 9 in.)	3.60 m (11 ft. 10 in.)
C	Rear-End Length/Swing Radius	3.60 m (11 ft. 10 in.)				
D	Distance Between Idler/Sprocket Centerline	4.05 m (13 ft. 3 in.)				
E	Undercarriage Length	4.94 m (16 ft. 2 in.)				
F	Counterweight Clearance	1.18 m (3 ft. 10 in.)				
G	Upperstructure Width	2.99 m (9 ft. 10 in.)				
H	Cab Height	3.14 m (10 ft. 4 in.)				
I	Track Width with Triple Semi-Grouser Shoes	600 mm (24 in.) / 700 mm (28 in.) / 800 mm (32 in.)				
J	Gauge Width	2.59 m (8 ft. 6 in.)				
K	Ground Clearance	0.51 m (20 in.)				
L	Overall Width with Triple Semi-Grouser Shoes					
	600 mm (24 in.)	3.19 m (10 ft. 6 in.)				
	700 mm (28 in.)	3.29 m (10 ft. 10 in.)				
	800 mm (32 in.)	3.39 m (11 ft. 2 in.)				



Lift Capacities **350G LC**

Boldface type indicates hydraulically limited capacity; lightface type indicates stability-limited capacities, in kg (lb.). Ratings at bucket lift hook; machine equipped with 1273-kg (2,806 lb.) bucket; standard gauge; and situated on firm, uniform supporting surface. Total load includes weight of cables, hook, etc. Figures do not exceed 87 percent of hydraulic capacities or 75 percent of weight needed to tip machine. All lift capacities are based on ISO 10567.

	HORIZONTAL DISTANCE FROM CENTERLINE OF ROTATION											
	1.5 m (5 ft.)		3.0 m (10 ft.)		4.5 m (15 ft.)		6.0 m (20 ft.)		7.5 m (25 ft.)		9.0 m (30 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
With 3.20-m (10 ft. 6 in.) arm, 6.4-m (21 ft. 0 in.) boom, and 600-mm (24 in.) shoes												
6.0 m (20 ft.)									**8000** **(17,500)**	6000 (12,900)		
4.5 m (15 ft.)							**10 100** **(21,850)**	8650 (18,650)	**8700** **(18,900)**	5850 (12,600)	**6400**	4100
3.0 m (10 ft.)					**16 540** **(35,300)**	12 750 (27,550)	**11 800** **(25,550)**	8100 (17,500)	9300 (19,950)	5600 (12,000)	6750 (14,450)	4000 (8,550)
1.5 m (5 ft.)					**19 000** **(41,050)**	11 900 (25,600)	13 000 (28,000)	7650 (16,500)	9000 (19,350)	5350 (11,550)	6600 (14,200)	3900 (8,350)
Ground Line					**19 800** **(42,900)**	11 500 (24,800)	12 700 (27,250)	7350 (15,850)	8800 (18,900)	5150 (11,150)	6500 (14,050)	3800 (8,200)
–1.5 m (–5 ft.)			**11 950** **(27,100)**	**11 950** **(27,100)**	**19 250** **(41,800)**	11 450 (24,600)	12 550 (26,950)	7250 (15,550)	8700 (18,750)	5100 (10,950)		
–3.0 m (–10 ft.)	**14 250** **(32,000)**	**14 250** **(32,000)**	**19 650** **(44,650)**	**19 650** **(44,650)**	**17 600** **(38,900)**	11 550 (24,900)	12 600 (27,000)	7250 (15,650)	8750 (18,900)	5150 (11,100)		
–4.5 m (–15 ft.)			**19 500** **(41,950)**	**19 500** **(41,950)**	**14 450** **(31,050)**	11 900 (25,600)	**10 600** **(22,500)**	7500 (16,200)				
With 4.0-m (13 ft. 1 in.) arm, 6.4-m (21 ft. 0 in.) boom, and 600-mm (24 in.) shoes												
7.5 m (25 ft.)									**(14,700)**	(13,400)		
6.0 m (20 ft.)									**7000** **(15,300)**	6200 (13,300)	**5700** **(11,000)**	4250 (9,100)
4.5 m (15 ft.)									**7800** **(16,950)**	6000 (12,850)	6950 (14,900)	4200 (8,950)
3.0 m (10 ft.)					**14 400** **(30,950)**	13 300 (28,700)	**10 700** **(23,100)**	8300 (17,950)	**8800** **(19,150)**	5700 (12,250)	6800 (14,600)	4050 (8,700)
1.5 m (5 ft.)					**17 650** **(38,000)**	12 200 (26,300)	**12 450** **(26,950)**	7800 (16,750)	9050 (19,500)	5400 (11,650)	6650 (14,250)	3900 (8,350)
Ground Line			**6700** **(15,400)**	**6700** **(15,400)**	**19 350** **(41,900)**	11 600 (24,950)	12 550 (27,350)	7400 (15,900)	8800 (18,900)	5150 (11,100)	6500 (13,950)	3750 (8,100)
–1.5 m (–5 ft.)	**6800** **(15,200)**	**6800** **(15,200)**	**10 850** **(24,650)**	**10 850** **(24,650)**	**19 600** **(42,500)**	11 350 (24,400)	12 500 (26,850)	7150 (15,450)	8650 (18,600)	5000 (10,800)	6400 (13,800)	3700 (7,950)
–3.0 m (–10 ft.)	**11 350** **(25,550)**	**11 350** **(25,550)**	**16 250** **(36,900)**	**16 250** **(36,900)**	**18 650** **(40,450)**	11 350 (24,450)	12 450 (26,750)	7100 (15,350)	8600 (18,550)	5000 (10,750)		
–4.5 m (–15 ft.)	**16 850** **(38,000)**	**16 850** **(38,000)**	**23 250** **(50,150)**	**23 250** **(50,150)**	**16 400** **(35,350)**	11 550 (24,900)	**12 150** **(26,000)**	7250 (15,650)	8750 **(18,450)**	5150 (11,100)		
–6.0 m (–20 ft.)			**16 650** **(35,100)**	**16 650** **(35,100)**	**12 000** **(25,200)**	**12 000** **(25,200)**	**8100**	7650				

Lift Capacities *(continued)* — 350G LC

Boldface type indicates hydraulically limited capacity; lightface type indicates stability-limited capacities, in kg (lb.). Ratings at bucket lift hook; machine equipped with 1273-kg (2,806 lb.) bucket; standard gauge; and situated on firm, uniform supporting surface. Total load includes weight of cables, hook, etc. Figures do not exceed 87 percent of hydraulic capacities or 75 percent of weight needed to tip machine. All lift capacities are based on ISO 10567.

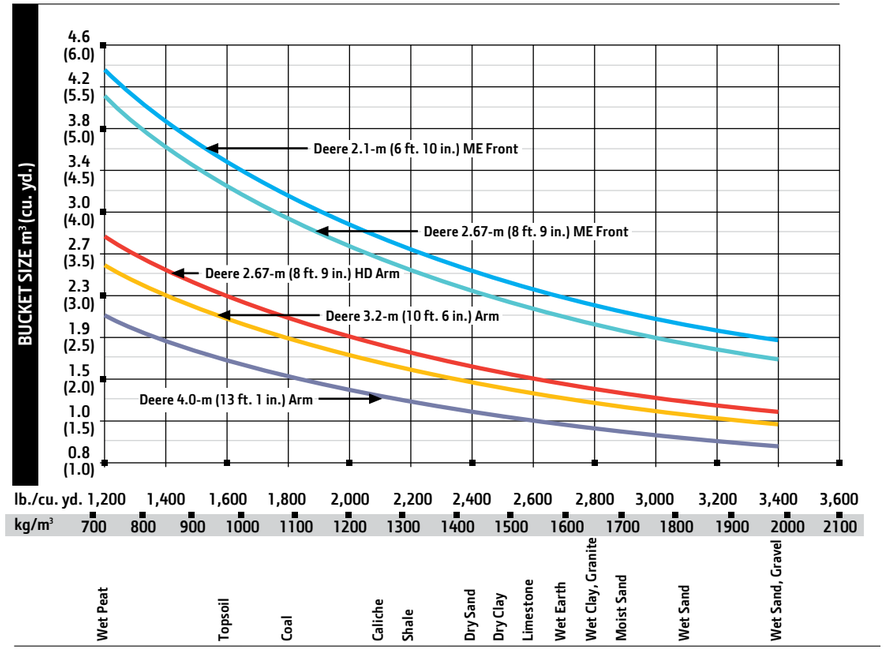
	HORIZONTAL DISTANCE FROM CENTERLINE OF ROTATION											
	1.5 m (5 ft.)		3.0 m (10 ft.)		4.5 m (15 ft.)		6.0 m (20 ft.)		7.5 m (25 ft.)		9.0 m (30 ft.)	
LOAD POINT HEIGHT	Over Front	Over Side	Over Front	Over Side	Over Front	Over Side	Over Front	Over Side	Over Front	Over Side	Over Front	Over Side
With 2.1-m (6 ft. 10 in.) ME arm, 5.7-m (18 ft. 8 in.) ME boom, and 700-mm (28 in.) shoes												
6.0 m (20 ft.)							**10 900** **(23,900)**	8650 (18,600)				
4.5 m (15 ft.)					**15 050** **(32,350)**	13 400 (28,900)	**11 800** **(25,650)**	8300 (17,900)				
3.0 m (10 ft.)							**13 100** **(28,350)**	7850 (16,900)	9100 (19,550)	5400 (11,650)		
1.5 m (5 ft.)							12 900 (27,650)	7450 (16,050)	8900 (19,200)	5250 (11,300)		
Ground Line					**19 350** **(41,950)**	11 400 (24,500)	12 650 (27,150)	7250 (15,650)				
–1.5 m (–5 ft.)					**17 600** **(38,150)**	11 500 (24,700)	12 650 (27,200)	7300 (15,700)				
–3.0 m (–10 ft.)			**17 750** **(38,500)**	**17 750** **(38,500)**	**14 050** **(30,150)**	11 800 (25,400)						
With 2.67-m (8 ft. 9 in.) HD arm, 5.7-m (18 ft. 8 in.) ME boom, and 700-mm (28 in.) shoes												
6.0 m (20 ft.)							**9950** **(21,800)**	8850 (19,050)				
4.5 m (15 ft.)					**13 700** **(29,550)**	**13 700** **(29,550)**	**11 050** **(23,950)**	8500 (18,250)	9450 (20,250)	5700 (12,200)		
3.0 m (10 ft.)					**17 000** **(36,550)**	12 700 (27,350)	**12 500** **(27,050)**	8000 (17,250)	9200 (19,750)	5500 (11,800)		
1.5 m (5 ft.)					**19 250** **(41,550)**	11 850 (25,500)	13 000 (27,950)	7600 (16,300)	8950 (19,250)	5300 (11,350)		
Ground Line					**19 650** **(42,600)**	11 500 (24,700)	12 700 (27,300)	7300 (15,750)	8800 (18,950)	5150 (11,050)		
–1.5 m (–5 ft.)			**19 100** **(43,400)**	**19 100** **(43,400)**	**18 500** **(40,100)**	11 450 (24,650)	12 650 (27,150)	7250 (15,600)				
–3.0 m (–10 ft.)			**21 100** **(45,750)**	**21 100** **(45,750)**	**15 700** **(33,900)**	11 700 (25,100)	**11 400** **(24,200)**	7400 (15,950)				
–4.5 m (–15 ft.)					**9700**	**9700**						

Buckets — 350G LC

A full line of buckets is offered to meet a wide variety of applications. Digging forces are with power boost. Buckets are equipped with John Deere TK-Series Bucket Teeth standard. Replaceable cutting edges and a variety of teeth are available through John Deere Parts. Optional side cutters add 150 mm (6 in.) to bucket widths. Capacities are SAE heaped ratings.

Bucket Type	Bucket Width		Bucket Capacity		Bucket Weight	
	mm	in.	m^3	cu. yd.	kg	lb.
Heavy Duty	1524	60	1.90	2.49	2008	4,426
	1676	66	2.13	2.79	2132	4,700
	1676	66	2.51	3.28	2530	5,577
Severe Duty	1524	60	2.25	2.94	2795	6,163

Bucket Selection Guide*



*Contact your John Deere dealer for optimum bucket and attachment selections. These recommendations are for general conditions and average use. Does not include optional equipment such as thumbs or couplers. Larger buckets may be possible when using light materials, for flat and level operations, less compacted materials, and volume loading applications such as mass-excavation applications in ideal conditions. Smaller buckets are recommended for adverse conditions such as off-level applications, rocks, and uneven surfaces. Bucket capacity indicated is SAE heaped.

Additional equipment

Key: ● Standard ▲ Optional or special

See your John Deere dealer for further information.

250G LC	350G LC	Engine
●	●	Auto-idle system
●	●	Automatic belt-tension device
●	●	Batteries (2 – 12 volt)
●	●	Coolant recovery tank
●	●	Dual-element dry-type air filter
●	●	Electronic engine control
●	●	Enclosed fan guard (conforms to SAE J1308)
●	●	Engine coolant to –37 deg. C (–34 deg. F)
●	●	Programmable auto shutdown
●	●	Fuel filter with water separator
●	●	Full-flow oil filter
●	●	Turbocharger with charge-air cooler
●		Direct-driven, high-efficiency cooling fan
▲	●	Cool-on-demand hydraulic-driven fan
●		Glow-plug start aid
●	●	500-hour engine-oil-change interval
●	●	70% (35 deg.) off-level capability
●	●	Engine-oil-sampling valve
●	●	Severe-duty fuel filter
▲	▲	Hydraulic fan reverser
		Hydraulic System
●	●	Reduced-drift valve for boom down, arm in
●	●	Auxiliary hydraulic valve section
●	●	Spring-applied, hydraulically released automatic swing brake
●	●	Auxiliary hydraulic-flow adjustments through monitor
●	●	Auto power lift
●	●	5,000-hour hydraulic-oil-change interval
●	●	Hydraulic-oil-sampling valve
▲	▲	Auxiliary hydraulic lines
▲	▲	Auxiliary pilot and electric controls
▲	▲	Hydraulic filter restriction indicator kit
		Undercarriage
●	●	Planetary drive with axial piston motors
●	●	Propel motor shields
●	●	Spring-applied, hydraulically released automatic propel brake
●		Track guides, front idler and center
	●	Track guides, front idler and 3 additional
●	●	2-speed propel with automatic shift
●	●	Upper carrier rollers (2)
●	●	Sealed and lubricated track chain

250G LC	350G LC	Undercarriage *(continued)*
▲	▲	Triple semi-grouser shoes, 600 mm (24 in.)
▲	▲	Triple semi-grouser shoes, 700 mm (28 in.)
▲	▲	Triple semi-grouser shoes, 800 mm (32 in.)
		Upperstructure
●	●	Right-hand, left-hand, and counter-weight mirrors
●	●	Vandal locks with ignition key: Cab door / Service doors / Toolbox
●	●	Debris screen in side panel
●	●	Remote-mounted engine oil and fuel filters
		Front Attachments
●	●	Centralized lubrication system
●	●	Dirt seals on all bucket pins
●	●	Less boom and arm
●	●	Oil-impregnated bushings
●	●	Reinforced thrust plates
●	●	Tungsten carbide thermal coating on arm-to-bucket joint
▲		Arm, 2.96 m (9 ft. 9 in.)
	▲	Arm, 2.67 m (8 ft. 9 in.)
	▲	Arm, 3.2 m (10 ft. 6 in.)
▲		Arm, 3.61 m (11 ft. 10 in.)
	▲	Arm, 4.0 m (13 ft. 1 in.)
		Operator's Station
●	●	Certified to ISO 12117-2 for ROPS (up to 38 800 kg [85,539 lb.])
●	●	Certified to FOPS Level 1
▲	▲	Certified to FOPS Level 2 (requires additional kit)
●	●	Adjustable independent-control positions (levers-to-seat, seat-to-pedals)
●	●	AM/FM radio
●	●	Auto climate control/air conditioner/ heater/pressurizer
●	●	Cell-phone power outlet, 12 volt, 60 watt, 5 amp
●	●	Coat hook
●	●	Deluxe suspension cloth seat with 100-mm (4 in.) adjustable armrests
●	●	Floor mat
●	●	Front windshield wiper with intermittent speeds

250G LC	350G LC	Operator's Station *(continued)*
●	●	Gauges (illuminated): Engine coolant / Fuel
●	●	Horn, electric
●	●	Hourmeter, electric
●	●	Hydraulic shutoff lever, all controls
●	●	Hydraulic warm-up control
●	●	Interior light
●	●	Large cup holder
●	●	Machine Information Center (MIC)
●	●	Mode selectors (illuminated): Power modes – 3 / Travel modes – 2 with automatic shift / Work mode – one
●	●	Multifunction, color LCD monitor with: Diagnostic capability / Multiple-language capabilities / Maintenance tracking / Clock / System monitoring with alarm features: Auto-idle indicator, engine air cleaner restriction indicator light, engine check, engine coolant temperature indicator light with audible alarm, engine oil pressure indicator light with audible alarm, low-alternator-charge indicator light, low-fuel indicator light, fault code alert indicator, fuel-rate display, wiper-mode indicator, work-lights-on indicator, and work-mode indicator
●	●	Motion alarm with cancel switch (conforms to SAE J994)
●	●	Power-boost switch on right console lever
●	●	Auxiliary hydraulic control switches in right console lever
●	●	SAE 2-lever control pattern
●	●	Seat belt, 51 mm (2 in.), retractable
●	●	Tinted glass
●	●	Transparent tinted overhead hatch
●	●	Hot/cold beverage compartment
		Electrical
●	●	80-amp alternator
●	●	Blade-type multi-fused circuits
●	●	Positive-terminal battery covers
▲	▲	Rearview camera
		Lights
●	●	Work lights: Halogen / 1 mounted on boom / 1 mounted on frame
▲	▲	2 lights mounted on cab / 1 mounted on right side of boom

Actual machine configuration may differ from image. Not all models available in all countries.

Net engine power is with standard equipment including air cleaner, exhaust system, alternator, and cooling fan, at test conditions specified per ISO 9249. No derating is required up to 3050-m (10,000 ft.) altitude. Specifications and design subject to change without notice. Wherever applicable, specifications are in accordance with SAE standards. Except where otherwise noted, these specifications are based on units with full fuel tanks, 79-kg (175 lb.) operators, and 600-mm (24 in.) triple semi-grouser shoes; 250G LC unit with 1372-mm (54 in.) bucket and 5112-kg (11,270 lb.) counterweight; and 350G LC unit with 1370-mm (54 in.) bucket and 6900-kg (15,212 lb.) counterweight.

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