## **350G LC/380G LC** 35 650–38 100-kg (78,550–83,992 lb.) Operating Weight





# Put more work within reach.

Whether you're loading trucks, digging trenches, demolishing structures, or placing pipe, you'll get more done with our G-Series Excavators. Their rugged EPA Final Tier 4 (FT4)/EU Stage IV PowerTech<sup>™</sup> diesel engines meet rigid emission regulations, enabling you to work, everywhere there's work — without compromising power, reliability, or ease of operation. Customer-inspired refinements include a comfortable, spacious cab. And an enhanced LCD monitor with simplified navigation that lets an operator easily dial-in a wealth of machine information and functionality. Exceptional power, smoothness, and ease of operation — the 350G LC and 380G LC deliver all you've come to expect in John Deere excavators. And then some.

Key specifications	350G LC	380G LC
Net rated power	202 kW (271 hp)	202 kW (271 hp)
Operating weight	35 650 kg (78,550 lb.)	38 100 kg (83,992 lb.)
Maximum digging depth	8.18 m (26 ft. 10 in.)	8.18 m (26 ft. 10 in.)
Arm digging force	152.6–159.0 kN (34,314–35,745 lb.)	152.6–159.0 kN (34,314–35,745 lb.)
Bucket digging force	225.2–246.0 kN (50,628–55,303 lb.)	225.2–246.0 kN (50,628–55,303 lb.)

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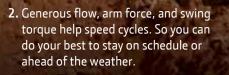
# Work harder. And smarter.

Who says you have to choose between working harder and working smarter? With our engine/hydraulic management system commanding impressive hydraulic muscle, these excavators do both — putting that extra ability to work with typically smooth operation and finesse. Add to this three power modes and power boost, and these excavators provide everything you need to give productivity an extra push. Combining brawn and brains, our G-Series is a wise choice.

Powerwise<sup>™</sup> III 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.

Need extra stability or lift capacity? Opt for the 380G LC. Its standard heavy-duty boom, 3.2-m (10 ft. 6 in.) heavy-duty arm, and undercarriage provide the stamina and strength to handle demanding pipeline, demolition, and scrap-handling tasks.

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



380G

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.

G-Series Excavators make it easy for your operators to "dial things up." The refined 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 increased 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 needed to do your best work.

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

We've got your back with a sculpted mechanical-suspension high-back seat. Seat has 267 mm (10½ in.) of travel, sliding together or independent of the joystick console. So it won't cramp an operator's style. For even more support and comfort, opt for the air-suspension heated seat.

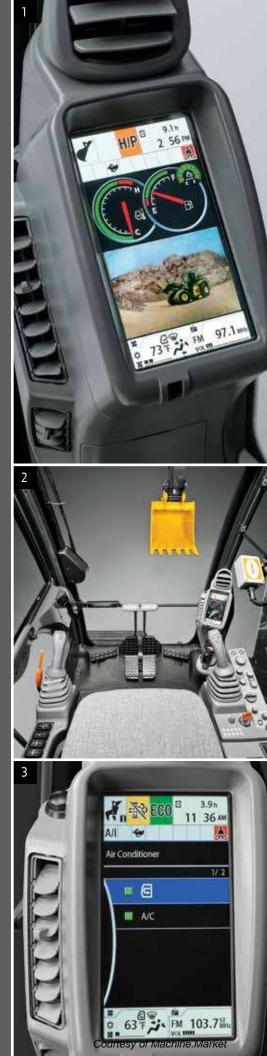
Ergonomically correct short-throw pilot levers provide smooth, predictable fingertip control with less movement or effort. Push buttons in the right lever allow fingertip control of auxiliary hydraulic flow for operating attachments.

No shortage of storage in here. There's a place for a cooler, cup holders, and even a hot/cold box that keeps beverages at just the right temperature.

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

A new hood design ensures optimal visibility to the sides and rear, even with the increased under-the-hood space requirements of EPA Final Tier 4 (FT4)/ EU Stage IV components.

- 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. If you need to see more, choose the optional camera that displays the action behind on the monitor.
- **3.** Automatic, high-velocity bi-level climatecontrol system with automotive-style adjustable louvers helps keep the glass clear and the cab comfortable.



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

When you've got places to go, people to see, and schedules to keep, you need dependable workers like these. Built to deliver unsurpassed uptime, these go-getters employ many of the same job-proven digging structures and hydraulic, electrical, and undercarriage components as their highly regarded predecessors. You'll also continue to profit from durabilityenhancing "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.

Oil-impregnated bushings enhance durability and extend grease intervals to 500 hours for the arm-and-boom joint and 100 hours for the bucket joint. Tungsten-carbide coating creates an extremely wear-resistant surface to protect the all-important bucketto-arm joint.

Grooved bushings and thermalcoated bucket joints increase arm- and boom-lube intervals to 500 hours.

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

John Deere PowerTech EPA Final Tier 4 (FT4)/EU Stage IV diesel engines meet emission regulations without sacrificing power or torque. We built on our Interim Tier 4 (IT4)/Stage IIIB solution to deliver the best combination of performance, efficiency, and reliability. Our field-proven technology is simple, fluid efficient, fully integrated, and fully supported. It employs field-proven cooled exhaust gas recirculation (EGR), easy-to-maintain high-uptime exhaust filters, and selective catalytic reduction (SCR).

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

The optional grade-reference system includes sensor mounts to help speed installation, eliminating the need to grind, weld, and repaint. Our open-architecture system design allows you to employ your favorite brand of grade-control system to help maximize productivity and uptime while lowering daily operating costs.

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## Seeking simplified maintenance? You'll become a big fan of the G-Series.

Swing open the side panels and you'll discover many of the numerous ways these excavators can minimize maintenance, increase uptime, and reduce daily operating costs. The hydraulically driven fan runs only as fast or often as needed, reducing fuel consumption and wear-causing debris flow through the cooler cores. 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 — with time- and money-saving advantages such as these, and a dealer-customized Ultimate Uptime package to help optimize your operation, there's more to like.

- LCD monitor tracks scheduled maintenance intervals and issues reminders, including DPF servicing. Should a problem arise, it provides diagnostic information to help decrease downtime.
- 2. Diagnostic displays and fluid-sample ports help speed preventative maintenance and troubleshooting.
- **3.** Vertical spin-on engine oil and fuel filters are conveniently located in the right rear compartment for easy ground-level servicing.
- **4.** Ground-level 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.
- Cooler cores' 10-fin-per-in. spacing lets trash easily pass to resist plugging. Swing-out coolers provide added core access.



## **Engine Oil Filter**

Previous Maintenance 2015/04/07 0.0 h Remains 375.8 h Maintenance Interval 500.0 h



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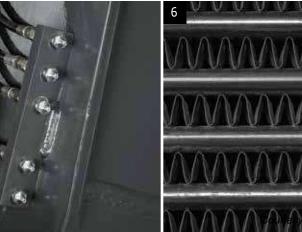
A second door has been added to the right side of the machine to provide even more wide-open access to components.

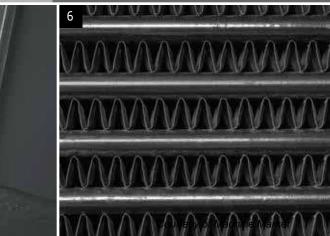
Optional reversing fan back-blows cooler cores to reduce debris buildup. It's a welcome addition that helps increase uptime.

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

Ash-service intervals for the diesel particulate filter (DPF) are condition based, meaning the machine will notify the operator before service is required. Typically, ash service is not necessary until the first engine overhaul depending on machine application and maintenance practices. FT4 components are warranted for 10,000 hours.

Large fuel tanks and 500- and 5,000-hour engine and hydraulic oil-service intervals decrease downtime for routine maintenance. Fluid-level sight gauges are conveniently located and can be checked at a glance.







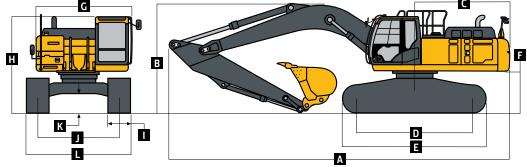
Engine	350G LC		
	Base engine for use in U.S. and U.S.	Territories	
Manufacturer and Model	John Deere PowerTech™ PSS 9.0 L		
Non-Road Emission Standard	EPA Final Tier 4/EU Stage IV		
Net Rated Power (ISO 9249)	202 kW (271 hp) at 1,900 rpm		
Cylinders	6		
Displacement	9.0 L (549 cu. in.)		
Off-Level Capacity	70% (35 deg.)		
Aspiration	Series turbocharged, air-to-air charge	e-air cooler	
Cooling	Series tarboenarged, an to an enarge		
Cool-on-demand hydraulic-driven, suctio	n-type fan with remote-mounted drive		
Powertrain	in-type fair with remote-mounted drive		
2-speed propel with automatic shift			
Maximum Travel Speed			
Low	2.2  km/h (2.0  mah)		
	3.2 km/h (2.0 mph)		
High Drawbar Dull	5.0  km/h (3.1  mph)		
Drawbar Pull	30 350 kg (66,900 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	l gear		
Maximum Rated Flow	30.2 L/m (8.0 gpm)		
Pressure Setting	3900 kPa (566 psi)		
System Operating Pressure			
Circuits			
Implement	34 300 kPa (4,975 psi)		
Travel	35 500 kPa (5,149 psi)		
Swing	33 300 kPa (4,830 psi)		
Power Boost	38 000 kPa (5,511 psi)		
Controls	Pilot levers, short stroke, low-effort l	ydraulic pilot controls with shute	off 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		
. ,	2 1,400 CCA		
Battery Capacity	•		
Alternator Rating	100 amp	frame)	
Work Lights	2 halogen (1 mounted on boom, 1 on	irane)	
Undercarriage			
Rollers (each side)	2		
Carrier	2		
Track	8		
Shoes, Triple Semi-Grousers (each side)	48		
Track			
Adjustment	Hydraulic		
Guides	3 per side		
Chain	Sealed and lubricated		
Ground Pressure			



Swing Mechanism	350G LC	
Speed	10.7 rpm	
Torque	120 000 Nm (88,500 lbft.)	
Serviceability		
Refill Capacities		
Fuel Tank	628 L (166 gal.)	
Diesel Exhaust Fluid (DEF) Tank	35 L (9.3 gal.)	
Cooling System	39.7 L (10.5 gal.)	
Engine Oil with Filter	27 L (7.2 gal.)	
Hydraulic Tank	193 L (51 gal.)	
Hydraulic System	290 L (77 gal.)	
Swing Drive	11.8 L (12.5 qt.)	
Gearbox		
Propel (each)	8.5 L (9.0 qt.)	
Pump Drive	1.1 L (1.2 qt.)	
Operating Weights		
With full fuel tank; 79-kg (175 lb.) operat	or; 1.76-m³ (2.3 cu. yd.), 1370-mm (54 in.), 1160-kg (2,557 lb.) bucket;	
	lb.) counterweight; and 800-mm (32 in.) triple semi-grouser shoes	
Operating Weight	35 650 kg (78,550 lb.)	
Component Weights		Reference in the second s
Undercarriage with 800-mm (32 in.)	12 750 kg (28,100 lb.)	
Triple Semi-Grouser Shoes		
One-Piece Boom (with arm cylinder)		
6.4 m (21 ft. 0 in.)	3031 kg (6,682 lb.)	
5.7-m (18 ft. 8 in.) ME	3234 kg (7,130 lb.)	
Arm with Bucket Cylinder and Linkage		
2.1 m (6 ft. 10 in.) ME	1821 kg (4,015 lb.)	
2.67 m (8 ft. 9 in.) Heavy-Duty (HD)		GROUND LINE
3.2 m (10 ft. 6 in.)	1758 kg (3,876 lb.)	
4.0 m (13 ft. 1 in.)	1898 kg (4,184 lb.)	
Boom-Lift Cylinders (2), Total Weight	624 kg (1,376 lb.)	B B' \F
1.76-m <sup>3</sup> (2.3 cu. yd.), 1370-mm (54 in.)	1160 kg (2,557 lb.)	
HD Bucket		
Counterweight, Standard	6928 kg (15,274 lb.)	
Operating Dimensions		

υŀ	perating Dimensions					
Ar	m Length	2.1 m (6 ft. 10 in.) ME / 5.7-m (18 ft. 8 in.) Boom Length	2.67 m (8 ft. 9 in.) HD / 5.7-m (18 ft. 8 in.) Boom Length	2.67 m (8 ft. 9 in.) HD / 6.4-m (21 ft. 0 in.) Boom Length	3.2 m (10 ft. 6 in.) / 6.4-m (21 ft. 0 in.) Boom Length	4.0 m (13 ft. 1 in.) / 6.4-m (21 ft. 0 in.) Boom Length
	Arm Digging Force					
	SAE	275.0 kN (45,914 lb.)	213.0 kN (45,914 lb.)	204.2 kN (45,914 lb.)	177.6 kN (39,930 lb.)	152.6 kN (34,314 lb.)
	ISO	288.0 kN (64,745 lb.)	222.0 kN (49,908 lb.)	222.0 kN (49,908 lb.)	185.0 kN (41,590 lb.)	159.0 kN (35,745 lb.)
	Bucket Digging Force					
	SAE	229.0 kN (50,628 lb.)	214.0 kN (50,628 lb.)	225.2 kN (50,628 lb.)	225.2 kN (50,628 lb.)	225.2 kN (50,628 lb.)
	ISO	264.0 kN (59,350 lb.)	246.0 kN (55,303 lb.)	246.0 kN (55,303 lb.)	246.0 kN (55,303 lb.)	246.0 kN (55,303 lb.)
Α	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.)
В	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.)
BI	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.)
С	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.)
Ε	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.)

M	achine Dimensions	350G LC				
Ar	m Length	2.1 m (6 ft. 10 in.) ME / 5.7-m (18 ft. 8 in.) Boom Length	2.67 m (8 ft. 9 in.) HD / 5.7-m (18 ft. 8 in.) Boom Length	2.67 m (8 ft. 9 in.) HD / 6.4-m (21 ft. 0 in.) Boom Length	3.2 m (10 ft. 6 in.) / 6.4-m (21 ft. 0 in.) Boom Length	4.0 m (13 ft. 1 in.) / 6.4-m (21 ft. 0 in.) Boom Length
Α	Overall Length	10.99 m (36 ft. 1 in.)	11.33 m (37 ft. 2 in.)	11.35 m (37 ft. 3 in.)	11.20 m (36 ft. 9 in.)	11.29 m (37 ft. 0 in.)
В	Overall Height	3.68 m (12 ft. 1 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.)
С	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.)				
Ε	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.)				
Н	Cab Height	3.14 m (10 ft. 4 in.)				
Т	Track Width with Shoes	600 mm (24 in.) / 700 m	nm (28 in.) / 800 mm (32	in.)		
J	Gauge Width	2.59 m (8 ft. 6 in.)				
Κ	Ground Clearance	0.50 m (20 in.)				
L	Overall Width with 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

**Boldface type** indicates hydraulically limited capacity; lightface type indicates stability-limited capacities, in kg (lb.). All lift capacities are based on ISO 10567 (with power boost). Machine equipped with 800-mm (32 in.) shoes; 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.

	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.)
	Over	Over	Over	Over	Over	Over	Over	Over	Over	Over	Over	Over
LOAD POINT HEIGHT	Front	Side	Front	Side	Front	Side	Front	Side	Front	Side	Front	Side
With 2.1-m (6 ft. 10 in.) ME a	rm, 5.7-m (1	8 ft. 8 in.)	ME boom, o	and 1273-k	g (2,806 lb.	) bucket						
6.0 m (20 ft.)							10 841	8528				
							(23,900)	(18,800)				
4.5 m (15 ft.)					14 674	13 245	11 635	8187				
					(32,350)	(29,200)	(25,650)	(18,050)				
3.0 m (10 ft.)							12 859	7756	8981	5330		
							(28,350)	(17,100)	(19,800)	(11,750)		
1.5 m (5 ft.)							12 701	7371	8800	5194		
							(28,000)	(16,250)	(19,400)	(11,450)		
Ground Line					19 028	11 249	12 474	7189				
					(41,950)	(24,800)	(27,500)	(15,850)				
–1.5 m (–5 ft.)			21 818	21 818	17 305	11 317	12 496	7212				
			(48,100)	(48,100)	(38,150)	(24,950)	(27,550)	(15,900)				
–3.0 m (–10 ft.)			17 463	17 463	13 676	11 657						
			(38,500)	(38,500)	(30,150)	(25,700)						

### Lift Capacities (continued)

350G LC

**Boldface type** indicates hydraulically limited capacity; lightface type indicates stability-limited capacities, in kg (lb.). All lift capacities are based on ISO 10567 (with power boost). Machine equipped with 800-mm (32 in.) shoes; 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.

	1.5 m	(5 ft.)	3.0 m	(10 ft.)	ZONTAL DIS 4.5 m	(15 ft.)		(20 ft.)	7.5 m	(25 ft.)	9.0 m	30 ft.)
	Over	Over	Over	Over	Over	Over	Over	Over	Over	Over	Over	Over
LOAD POINT HEIGHT	Front	Side	Front	Side	Front	Side	Front	Side	Front	Side	Front	Side
Nith 2.67-m (8 ft. 9 in.) HD								2.2.2				
6.0 m (20 ft.)	- / 1	- ,	- , -				9888	8732				
, , ,							(21,800)	(19,250)				
4.5 m (15 ft.)					13 404	13 404	10 864	8391	9299	5625		
					(29,550)	(29,550)	(23,950)	(18,500)	(20,500)	(12,400)		
3.0 m (10 ft.)					16 579	12 565	12 270	7938	9095	5420		
					(36,550)	(27,700)	(27,050)	(17,500)	(20,050)	(11,950)		
1.5 m (5 ft.)					18 847	11 725	12 859	7507	8868	5239		
					(41,550)	(25,850)	(28,350)	(16,550)	(19,550)	(11,550)		
Ground Line					19 323	11 362	12 565	7235	8732	5103		
					(42,600)	(25,050)	(27,700)	(15,950)	(19,250)	(11,250)		
–1.5 m (–5 ft.)			19 686	19 686	18 189	11 340	12 474	7189	(19,290)	(11,250)		
1.5 m ( 5 m)			(43,400)	(43,400)	(40,100)	(25,000)	(27,500)	(15,850)				
–3.0 m (–10 ft.)			20 752	20 752	15 377	11 544	10 977	7348				
-5.0 m (-10 m.)			(45,750)	(45,750)	(33,900)	(25,450)	(24,200)	(16,200)				
Vith 2.67-m (8 ft. 9 in.) HD	arm 6.4-m (2	91 ft 0 in 1 h					(21,200)	(10,200)				
6.0 m (20 ft.)	unn, o. r m (2	. 1 11. 0 111.) 0	oom, ana i	170 Ng [2,5	00 10.7 Duck		9496	9213	8705	6162		
0.0 m (20 m.)							(20,636)	(19,803)	(19,093)	(13,179)		
4.5 m (15 ft.)					14 206	14 02 1	10 894	8801	9279	6021		
+) III (1.) III.)					(30,447)	(30,255)	(23,562)	(18,960)	(20,190)	(12,922)		
3.0 m (10 ft.)					17 742	12 827	12 506	8285	9573	5798		
5.011(1011.)					(38,067)	(27,693)	(27,011)	(17,857)	(20,571)	(12,462)		
1.5 m (5 ft.)					(30,007)	(27,095)	13 399	7868	9319	5570		
1.5 m (5 m.)					(36,850)	(26,125)	(28,794)	(16,949)	(20,037)	(11,982)		
Ground Line					18 814	11 932	13 127	7634	9155	5423		
							(28,197)		(19,685)	(11,666)		
1 E m / E ft )			12 495	12 495	(42,867) 18 754	(25,647) 11 959	13 059	(16,432) 7575	9117	5389		
–1.5 m (–5 ft.)												
20 m / 10 ft )			(28,545)	(28,545) 21 868	(40,705)	(25,693)	(28,045)	(16,301)	(19,617)	(11,605)		
–3.0 m (–10 ft.)			21 868		16 665	12 147	12 606	7679				
( 5 ( ) 5 ( )			(47,544)	(47,544)	(36,066)	(26,109)	(27,142)	(16,540)				
–4.5 m (–15 ft.)			16 500	16 500	12 776	12 551						
			(35,354)	(35,354)	(27,209)	(27,027)						
Nith 2.67-m (8 ft. 9 in.) HD	arm, 6.4-m (2	(1 ft. 0 in.) b	oom, and I	273-kg (2,8	306 Ib.) buck	tet		0506				
6.0 m (20 ft.)							9117	8596	8482	5693		
/ - / <b>/</b> .							(20,100)	(18,950)	(18,700)	(12,550)		
4.5 m (15 ft.)					13 449	13 109	10 387	8142	8913	5534		
					(29,650)	(28,900)	(22,900)	(17,950)	(19,650)	(12,200)		
3.0 m (10 ft.)					16 874	11 884	11 929	7620	8890	5284		
					(37,200)	(26,200)	(26,300)	(16,800)	(19,600)	(11,650)		
1.5 m (5 ft.)					17 055	11 158	12 474	7212	8641	5058		
						(24,600)			(19,050)			
Ground Line					19 006	10 932	12 202	6963	8482	4899		
					(41,900)	(24,100)	(26,900)	(15,350)	(18,700)	(10,800)		
–1.5 m (–5 ft.)			13 177	13 177	18 030	10 954	12 134	6895	8459	4876		
			(29,050)	(29,050)	(39,750)	(24,150)	(26,750)	(15,200)	(18,650)	(10,750)		
–3.0 m (–10 ft.)			21 001	21 001	15 <b>9</b> 44	11 158	11 975	7008				
			(46,300)	(46,300)	(35,150)	(24,600)	(26,400)	(15,450)				
–4.5 m (–15 ft.)			15 490	15 490	11 952	11612						
			(34,150)	(34,150)	(26,350)	(25,600)						

#### Lift Capacities (continued)

350G LC

**Boldface type** indicates hydraulically limited capacity; lightface type indicates stability-limited capacities, in kg (lb.). All lift capacities are based on ISO 10567 (with power boost). Machine equipped with 800-mm (32 in.) shoes; 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.

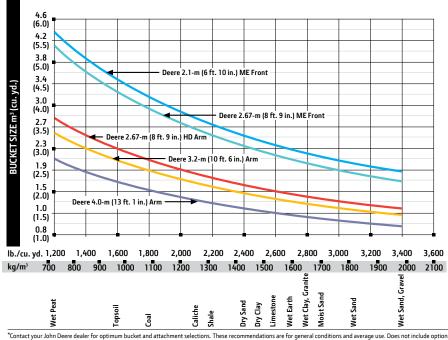
With 3.2-m [10 ft. 6 in.] arm, 6.4-m [21 ft. 0 in.] baom, and 1170-kg [2,580 lb.] bucket       8008       6249         6.0 m [20 ft.]       (17,528)       (13,381)       (17,528)       (13,381)         4.5 m (15 ft.)       (21,858)       (19,242)       (18,023)       (13,042)       (13,042)         3.0 m (10 ft.)       19 (33, 12)       (22,551)       (18,102)       (20,664)       (12,529)       (15,009)       (8,936)         1.5 m (5 ft.)       (19,133)       (22,561)       (18,102)       (20,664)       (12,529)       (14,050)       (8,936)         -1.5 m (-5 ft.)       11 956       11 956       19 291       11 864       13 002       7516       9142       5314         -3.0 m (-10 ft.)       14 280       14 280       19673       19 733       17 649       (22,511)       (16,168)       (11,589)       (14,552)       (8,553)         -4.5 m (-15 ft.)       11 956       11 956       19 291       11 864       13 002       7516       9042       5314         -4.5 m (-15 ft.)       19 521       19 521       14 491       12 307       10 6457       7794       11 956       10 925       11 956       10 925       11 956       10 925       10 925       11 956       10 925       11 926       1	hook, etc. Figures do not e					ONTAL DIS	2			TATION			
LOAD DOINT HEIGHTFrontSideFrontSideFrontSideFrontSideFrontSideFrontSideFrontSideFrontSideSideWith 3.2-m (10 ft. 6) in an in section (17, 50)Side </th <th></th> <th>1.5 m</th> <th>(5 ft.)</th> <th>3.0 m</th> <th>(10 ft.)</th> <th>4.5 m</th> <th>(15 ft.)</th> <th>6.0 m</th> <th>(20 ft.)</th> <th>7.5 m</th> <th>(25 ft.)</th> <th>9.0 m (</th> <th>30 ft.)</th>		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.)
$\begin{tabular}{ c c c c c c c c c c c c c c c c c c c$		Over	Over	Over	Over	Over	Over	Over	Over	Over	Over	Over	Over
6.0 m (20 ft.)       8008       62/49         4.5 m (15 ft.)       117,528       (13,381)         3.0 m (10 ft.)       1858       (19,242)       (18,023)       (13,042)         3.0 m (10 ft.)       1854       (19,242)       (12,529)       (15,004)       8020       8004       8020       8004       8020       8004       8020       8004       8020       8004       8020       8004       8020       8004       8020       8004       8020       8004       8020       8004       8020       8004       8020       8004       8020       8004       8020       8008       4050       8004       8020       8004       8020       8004       8020       8004       8020       8004       8020       8004       8020       8004       8020       8004       8020       8004       8020       8004       80000       8000       8000<	LOAD POINT HEIGHT							Front	Side	Front	Side	Front	Side
$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$	With 3.2-m (10 ft. 6 in.) ar	rm, 6.4-m (21 f	t. 0 in.) boo	m, and 117	'0-kg (2,580	) lb.) bucket							
4.5 m (15 ft.)       0700       6077       6425       4268         3.0 m (10 ft.)       1834       8402       6904       5832       7003       4180         1.5 m (5 ft.)       1873       1833       (28,428)       (28,581)       (18,022)       (19,024)       (18,023)       (13,042)         6 round Line       1888       1903       12300       1320       1344       8402       20604       5832       7003       4180         6 round Line       18913       11993       1340       7635       9132       5335       6794       3988         -1.5 m (-5 ft.)       11956       11956       19291       11864       13002       7516       9005       5371       - <t< td=""><td>6.0 m (20 ft.)</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></t<>	6.0 m (20 ft.)												
3.0 m (10 ft.)											• • •		
3.0 m (10 ft.)         11 845         84 802         960         5832         7003         4180           1.5 m (5 ft.)         (35,331)         (28,428)         (25,561)         (18,102)         (20,664)         (12,529)         (15,009)         (89,36)           Ground Line         (49,103)         (23,042)         (28,796)         (17,084)         (20,064)         (12,529)         (14,578)         (87,148)           -1.5 m (-5 ft.)         11 956         11 956         19 291         11 886         13 002         7756         9042         5314         (14,592)         (8,583)           -3.0 m (-10 ft.)         14 280         19 673         19 673         17 649         11 986         (13 051)         7556         9105         5371         (41,592)           -4.5 m (-15 ft.)         14 280         19 673         19 673         17 649         13 081         7558         9105         5371         (41,592)         (44,6174)         (38,194)         (25,761)         (16,269)         (11,568)         (11,569)         (11,569)         (11,569)         (11,569)         (11,569)         (11,569)         (11,569)         (11,569)         (11,569)         (11,561)         (11,561)         (11,561)         (11,561)         (11,561) <td< td=""><td>4.5 m (15 ft.)</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>6425</td><td>4268</td></td<>	4.5 m (15 ft.)											6425	4268
$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$													
1.5 m (5 ft.)       19 033       12 300       13 321       7933       9338       5579       6862       4069         Ground Line       19 033       12 300       13 321       7933       9338       5797       6862       4069         1-5 m (-5 ft.)       11 956       11 956       19 291       1184       13 00       7350       1040       6042       61493         3.0 m (-10 ft.)       14 280       14 280       19 673       19 673       17 649       11 986       13 051       7558       9105       5371       14 19         -5. m (-15 ft.)       14 280       14 280       19 673       18 673       18 674       13 981       13 051       7558       9105       5371       14 19         -6. m (-15 ft.)       14 280       19 673       18 673       18 199       12 681       19 683       16 683       15 683       1	3.0 m (10 ft.)												
Ground Line       (41,053)       (26,492)       (28,796)       (17,084)       (20,070)       (11,995)       (14,768)       (8,714)         Ground Line       (42,012)       (25,649)       (28,191)       (16,400) <td< td=""><td>2.5. (5.6.)</td><td></td><td></td><td></td><td></td><td></td><td></td><td>•</td><td></td><td></td><td></td><td></td><td></td></td<>	2.5. (5.6.)							•					
In the set of the set o	1.5 m (5 ft.)												
$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$	<b>C</b> 11:												
$ \begin{array}{c c c c c c c c c c c c c c c c c c c $	Ground Line												
1.1       12,7,138       (27,138)       (41,824)       (25,490)       (16,168)       (19,442)       (11,431)         -3.0 m (-10 ft.)       14 280       14 280       19 673       19 673       17 649       13 813       13 051       7558       9105       5371       5371         -4.5 m (-15 ft.)       (12,2048)       (44,674)       (44,674)       (44,914)       12,3051       (25,762)       (28,032)       (16,623)       (11,580)       5774       5774         -4.5 m (-15 ft.)       10.1 Joom, 6.4-m (21 ft. 0 in. Joom, and 1770-kg (2,580 lb. J bucket       (22,511)       (16,823)       (11,374)       (11,021)       (9,453)         6.0 m (20 ft.)	15 (56)			11.050	11.056					•	• • •	(14,592)	(8,553)
-3.0 m (-10 ft.)       14 280       14 280       19 673       19 673       17 649       11 988       13 051       7558       9105       5371         -4.5 m (-15 ft.)       19 521       19 521       19 521       19 521       14 491       12 307       10 645       7794         -4.5 m (-15 ft.)       19 521       19 521       19 521       14 491       12 307       10 645       7794         -4.5 m (-15 ft.)       19 673       17 649       (31,054)       (22,631)       (16,259)       (19,608)       (11,580)         -4.5 m (-15 ft.)       19 673       17 649       (31,054)       (22,511)       (16,823)       (11,626)         6.0 m (20 ft.)       (41,956)       (41,956)       (31,054)       (22,580 lb.) bucket       7015       6409       5727       4442         5.0 m (20 ft.)       (14,716)       (13,856)       (11,021)       (9,453       (13,734)       (11,021)       (9,453         3.0 m (10 ft.)       (16,977)       (13,312)       (15,462)       (9,355       (29,563)       (23,138)       (18,543)       (19,174)       (12,721)       (15,166)         1.5 m (5 ft.)       (15,416)       (15,416)       (14,927)       (25,812)       (28,313)       (16,500)       (19,623	–1.5 m (–5 ft.)												
(32,048)         (32,048)         (32,048)         (44,674)         (38,194)         (25,762)         (28,032)         (16,269)         (11,580)         (11,580)           -4.5 m (-15 ft.)         19 521         19 521         19 521         19 521         19 521         14 491         12 307         10 645         7794         7794           With 4.0-m (13 ft. 1 in.) arm, 6.4-m (21 ft. 0 in.) boom, and 1170-kg (2,580 lb.) bucket         (26,481)         (22,511)         (16,823)         (11,716)         (13,856)           6.0 m (20 ft.)         5.7         7.7         5.7         5.7         7.7         5.7         5.7         5.7         7.7         5.7         5.7         7.4         5.7         7.7         5.7         5.7         7.4         5.7         7.8         5.7         7.8         5.7         7.8         5.7         7.8         5.7         7.8         5.7         7.8         5.7		1/ 200	1/ 200										
$ \begin{array}{c c c c c c c c c c c c c c c c c c c $	–3.0 m (–10 ft.)												
(41,956)       (41,956)       (31,054)       (26,481)       (22,511)       (16,823)         With 4.0-m (13 ft. 1 in.) arm, 6.4-m (21 ft. 0 in.) boom, and 1170-kg (2,580 lb.) bucket       r.		(32,048)	(32,048)							(19,608)	(11,580)		
With 4.0-m (13 ft. 1 in.) arm, 6.4-m (21 ft. 0 in.) boom, and 1170-kg (2,580 lb.) bucket       (14,716)       (13,856)         7.5 m (25 ft.)       (14,716)       (13,856)         6.0 m (20 ft.)       7015       6409       5727       4442         (15,348)       (13,734)       (11,021)       (9,453)         4.5 m (15 ft.)       7813       6203       7212       4370         3.0 m (10 ft.)       14 409       13 717       10 708       8612       8838       5923       7070       4234         1.5 m (5 ft.)       17,673       12624       12469       8065       9401       8626       6904       4082         1.5 m (5 ft.)       6735       6735       19 386       12644       13 195       7669       913 35       586       6706       3955         Ground Line       6735       6735       19 386       12 004       13 195       7669       913 53       586       6603       4082         -1.5 m (-5 ft.)       6807       6807       10 880       10 880       19 638       11 769       12 949       7458       8974       5244       6692       3887         -3.0 m (-10 ft.)       11 398       11 398       16 291       18 6941       11 779 <t< td=""><td>–4.5 m (–15 tt.)</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></t<>	–4.5 m (–15 tt.)												
7.5 m (25 ft.)       (14,716)       (13,856)         6.0 m (20 ft.)       (11,716)       (13,856)         4.5 m (15 ft.)       (11,312)       (11,021)       (9,453)         3.0 m (10 ft.)       (11,312)       (15,462)       (13,312)       (15,462)       (13,312)         3.0 m (10 ft.)       (15,146)       (11,774)       (12,721)       (15,160)       (15,462)       (9,335)         3.0 m (10 ft.)       (15,161)       (11,673)       (11,2721)       (15,160)       (9,058)         1.5 m (5 ft.)       (15,161)       (11,573)       (12,721)       (15,160)       (9,058)         1.5 m (5 ft.)       (15,416)       (14,1927)       (22,553)       (23,138)       (18,543)       (19,174)       (12,721)       (15,160)       (9,058)         1.5 m (5 ft.)       (15,416)       (14,1927)       (25,655)       (17,362)       (20,198)       (12,090)       (14,815)       (8,741)         Ground Line       6735       6735       19 386       12 004       13 195       7669       9133       5386       6766       3955         (15,571)       (15,227)       (15,227)       (24,662)       (42,536)       (25,286)       (27,797)       (16,037)       (19,235)       (11,299)       (14,381)	With 4.0 m /12 ft 1 in La	m 6/1 m /21 f	+ 0 in 1 hoo				<u>, , ,</u>	(22,511)	(16,823)				
$ \begin{array}{c} \mbox{final}{fina$	. ,	111, 0.4-111 (2.1.1	1. 0 111.) 000	111, unu 117	U-KY (2,500	J ID.J DUCKEL							
6.0 m (20 ft.)       7015       6409       5727       4442         (15,348)       (13,734)       (11,021)       (9,453         4.5 m (15 ft.)       7813       6203       7212       4370         (16,997)       (13,312)       (15,462)       (9,335         3.0 m (10 ft.)       14 409       13 717       10 708       8612       8838       5923       7070       4234         (15,974)       (11,271)       (15,462)       (9,355       (13,138)       (19,174)       (12,721)       (15,160)       (9,058         1.5 m (5 ft.)       17,673       12 624       12 469       8065       9401       8626       6904       4082         Ground Line       6735       6735       19 386       12 004       13 195       7669       9133       5386       6766       3955         -1.5 m (-5 ft.)       6807       6807       10 808       10 808       11 769       12 949       7458       8974       5218       (14,381)       (8,342)         -3.0 m (-10 ft.)       11 398       11 398       16 291       16 291       18 694       11 779       12 899       7414       8945       5218       11,4381       (8,342)       14,381       (8,342)       <	7.5 m (25 m.)									(14 716)	(13.856)		
4.5 m (15 ft.)       (11,021)       (9,453)         3.0 m (10 ft.)       (16,997)       (13,312)       (15,462)       (9,335)         3.0 m (10 ft.)       10 708       8612       8838       5923       7070       4234         (15, m (5 ft.))       (11,011)       (11,021)       (15,462)       (9,335)       (11,011)       (11,021)       (15,462)       (9,335)         1.5 m (5 ft.)       10 708       8612       8838       5923       7070       4234         Ground Line       5735       6735       19 366       12 044       13 195       7669       9133       5386       6764       3955         -1.5 m (-5 ft.)       6807       6807       10 880       19 638       11769       12 949       7458       8974       5244       6692       3887         -1.5 m (-5 ft.)       6807       10 880       10 880       19 638       11769       12 949       7414       8945       5218       (14,321)       (14,321)       (8,342)         -3.0 m (-10 ft.)       11 398       11 398       16 291       18 694       11 797       12 899       7414       8945       5218       (14,321)       (8,342)         -4.5 m (-15 ft.)       16 873       16 873	6.0 m (20.ft.)											5777	4447
4.5 m (15 ft.)       7813       6203       7212       4370         3.0 m (10 ft.)       (16,997)       (13,312)       (15,462)       (9,335         3.0 m (10 ft.)       (16,997)       (13,112)       (15,462)       (9,335         1.5 m (5 ft.)       14409       13 717       10 708       8612       8838       5923       7070       4234         (15, m (5 ft.)       17,673       12 624       12 469       8065       9401       8626       6904       4082         Ground Line       6735       6735       19 386       12 004       13 195       7669       9133       5386       6766       3955         -1.5 m (-5 ft.)       6807       6807       10 880       10 880       19 638       11 769       12 949       7458       8974       5244       6692       3887         -3.0 m (-10 ft.)       11 398       16 291       18 694       11 779       12 899       7414       8945       5218       (14,381)       (8,342)         -3.0 m (-10 ft.)       11 398       16 873       23 293       23 293       16 436       11 987       12 165       7536       8817       5356       5518       5518       5518       5516       5516       11,576	0.0 m (20 m.)												
3.0 m (10 ft.)       (15,462)       (9,355         3.0 m (10 ft.)       14409       13 717       10 708       8612       8838       5923       7070       4234         (30,952)       (29,563)       (23,138)       (18,543)       (19,174)       (12,712)       (15,160)       (9,058)         1.5 m (5 ft.)       115,416)       (14,927)       (22,185)       (26,955)       (17,362)       (20,198)       (12,090)       (14,815)       (8,741)         Ground Line       6735       6735       19 386       12 004       13 195       7669       9133       5386       6766       3955         -1.5 m (-5 ft.)       6807       6807       10 880       10 880       19 638       11 769       12 949       7458       8974       5244       6692       3887         -3.0 m (-10 ft.)       11 398       11 398       16 291       18 694       11 779       12 899       7414       8945       5218       (14,314)       (8,342)         -3.0 m (-10 ft.)       11 398       16 291       18 694       11 779       12 899       7414       8945       5218       (14,314)       (8,342) <td>45 m (15 ft )</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>• • •</td> <td></td> <td></td>	45 m (15 ft )										• • •		
3.0 m (10 ft.)       14 409       13 717       10 708       8612       8838       5923       7070       4234         (30,952)       (29,563)       (23,138)       (18,543)       (19,174)       (12,721)       (15,160)       (9,058)         1.5 m (5 ft.)       17,673       12 624       12 469       8065       9401       8626       6904       4082         Ground Line       6735       6735       19 386       12 004       13 195       7669       9133       5386       6766       3955         -1.5 m (-5 ft.)       6807       6807       10 880       10 880       19 638       11 769       12 949       7458       8974       5244       6692       3887         -3.0 m (-10 ft.)       11 398       11 398       16 291       18 694       11 779       12 899       7414       8945       5218       (14,381)       (8,342)         -3.0 m (-10 ft.)       11 398       16 291       18 694       11 779       12 899       7414       8945       5218       (14,381)       (8,342)         -4.5 m (-15 ft.)       16 873       23 293       23 293       16 436       11 987       12 165       7536       8817       5356       14 499       14 499 <t< td=""><td>1.5 m (15 m)</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></t<>	1.5 m (15 m)												
1.5 m (5 ft.)       6735       6735       19 360       12 624       12 469       8065       9401       8626       6904       4082         1.5 m (5 ft.)       12 644       12 649       8065       9401       8626       6904       4082         Ground Line       6735       6735       19 386       12 004       13 195       7669       9133       5386       6766       3955         -1.5 m (-5 ft.)       6807       6807       10 880       10 880       19 638       11 769       12 949       7458       8974       5244       6692       3887         -1.5 m (-5 ft.)       6807       10 880       10 880       19 638       11 769       12 949       7458       8974       5244       6692       3887         -3.0 m (-10 ft.)       11 398       11 398       16 291       18 694       11 779       12 899       7414       8945       5218       (14,381)       (8,342)         -3.0 m (-10 ft.)       11 398       16 873       23 293       23 293       16 436       11 987       12 65       7536       8817       5356       5518       5518       5516       5516       5516       5516       5516       5516       5516       5516       55	30 m (10 ft )					14 409	13717	10 708	8612				
1.5 m (5 ft.)       17,673       12 624       12 469       8065       9401       8626       6904       4082         Ground Line       6735       6735       19 386       12 004       13 195       7669       9133       5386       6766       3955         -1.5 m (-5 ft.)       6807       6807       10 880       10 880       19 638       11 769       12 949       7458       8974       5244       6692       3887         -1.5 m (-5 ft.)       6807       10 880       10 880       19 638       11 769       12 949       7458       8974       5244       6692       3887         -3.0 m (-10 ft.)       11 398       11 398       16 291       18 694       11 779       12 899       7414       8945       5218       (14,381)       (8,342)         -4.5 m (-15 ft.)       16 873       16 873       23 293       23 293       16 436       11 987       12 165       7536       8817       5356       5518       5516       5518	510 (10 10.)												
Kin       K	1.5 m (5 ft.)								• • •		• • •	•	
Ground Line         6735         6735         19 386         12 004         13 195         7669         9133         5386         6766         3955           -1.5 m (-5 ft.)         6807         6807         10 880         10 880         19 638         11 769         12 949         7458         8974         5244         6692         3887           -3.0 m (-10 ft.)         11 398         11 398         16 291         18 694         11 779         12 899         7414         8945         5218         (14,321)         (8,342)           -3.0 m (-10 ft.)         11 398         16 291         16 291         18 694         11 779         12 899         7414         8945         5218         (14,381)         (8,342)           -4.5 m (-15 ft.)         16 873         16 873         23 293         23 293         16 436         11 987         12 165         7536         8817         5356         5518         5518         5516 <td< td=""><td>- ()</td><td></td><td></td><td></td><td></td><td>-</td><td></td><td></td><td></td><td></td><td></td><td></td><td>(8,741)</td></td<>	- ()					-							(8,741)
(15,416)       (15,416)       (41,927)       (25,812)       (28,331)       (16,500)       (19,623)       (11,573)       (14,526)       (84,766)         -1.5 m (-5 ft.)       6807       6807       10 880       10 880       19 638       11 769       12 949       7458       8974       5244       6692       3887         -1.5 m (-5 ft.)       (15,227)       (15,227)       (24,662)       (24,662)       (42,536)       (25,786)       (27,777)       (16,037)       (19,285)       (11,269)       (14,381)       (8,342)         -3.0 m (-10 ft.)       11 398       16 291       18 694       11 779       12 899       7414       8945       5218       (14,381)       (8,342)         -4.5 m (-15 ft.)       16 873       16 873       23 293       23 293       16 436       11 987       12 165       7536       8817       5356       5518       11 1,576)       11 576 <td>Ground Line</td> <td></td> <td></td> <td>6735</td> <td>6735</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>3955</td>	Ground Line			6735	6735								3955
-1.5 m (-5 ft.)       6807 (15,227) (15,227)       10 880 (24,662) (24,662) (24,662) (24,536) (25,286) (27,797) (16,037) (19,285) (11,269) (14,381) (8,342         -3.0 m (-10 ft.)       11 398 11 398 16 291 16 291 18 694 11 779 12 899 7414 8945 5218       8974 5248 (11,269) (14,381) (8,342         -4.5 m (-15 ft.)       16 873 16 873 23 293 23 293 16 436 11 987 12 165 7536 8817 5356       7536 8817 5356         (38,021) (38,021) (36,041) (50,183) (50,183) (55,373) (25,775) (26,067) (16,233) (18,456) (11,576)       113,576					(15,416)				(16,500)		(11,573)		(8,476)
(15,227)         (15,227)         (24,662)         (42,536)         (27,797)         (16,037)         (19,285)         (11,269)         (14,381)         (8,342)           -3.0 m (-10 ft.)         11 398         11 398         16 291         18 694         11 779         12 899         7414         8945         5218           -25.0 m (-10 ft.)         (25,572)         (26,941)         (36,941)         (40,455)         (25,307)         (27,693)         (15,947)         (19,236)         (11,226)           -4.5 m (-15 ft.)         16 873         16 873         23 293         23 293         16 436         11 987         12 165         7536         8817         5356           (38,021)         (36,021)         (50,183)         (50,183)         (25,775)         (26,067)         (16,233)         (18,456)         (11,576)	–1.5 m (–5 ft.)	6807	6807					,		•		• • •	3887
-3.0 m (-10 ft.)         11 398         11 398         16 291         16 291         18 694         11 779         12 899         7414         8945         5218           (25,572)         (25,572)         (36,941)         (36,941)         (40,455)         (25,307)         (27,693)         (15,947)         (19,236)         (11,226)           -4.5 m (-15 ft.)         16 873         16 873         23 293         23 293         16 436         11 987         12 165         7536         8817         5356           (38,021)         (38,021)         (50,183)         (50,183)         (25,775)         (26,067)         (16,233)         (18,456)         (11,576)		(15,227)	(15,227)	(24,662)	(24,662)	(42,536)	(25,286)	(27,797)	(16,037)	(19,285)	(11,269)	(14,381)	(8,342)
-4.5 m (-15 ft.)         16 873         16 873         23 293         23 293         16 436         11 987         12 165         7536         8817         5356           (38,021)         (38,021)         (50,183)         (50,183)         (35,373)         (25,775)         (26,067)         (16,233)         (18,456)         (11,576)	–3.0 m (–10 ft.)	11 398	11 398	16 291	16 291	18 694	11 779	12 899	7414	8945	5218		
(38,021) (38,021) (50,183) (50,183) (35,373) (25,775) (26,067) (16,233) (18,456) (11,576)		(25,572)	(25,572)	(36,941)	(36,941)	(40,455)	(25,307)	(27,693)	(15,947)	(19,236)	(11,226)		
	-4.5 m (-15 ft.)	16 873	16 873	23 293	23 293	16 436	11 987	12 165	7536	8817	5356		
		(38,021)	(38,021)	(50,183)	(50,183)	(35,373)	(25,775)	(26,067)	(16,233)	(18,456)	(11,576)		
	–6.0 m (–20 ft.)			16 669	16 669	12 038	12 038		7927				

(35,135) (35,135) (25,239) (25,239)

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 Fanggs<sup>™</sup> teeth or ESCO 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.

Type Bucket	Buc Wic			ucket pacity		cket ight	Buc Dig F		Arm Force, 2 (8 ft. 9	2.67 m	Arm Force, (10 ft.	3.2 m	Arm Force, (13 ft.	4.0 m	Buc Tip R		Number of Teeth
	mm	in.	m <sup>3</sup>	cu. yd.	kg	lb.	kN	lb.	kN	lb.	kN	lb.	kN	lb.	mm	in.	
Heavy Duty																	
Plate Lip	914	36	1.13	1.5	971	2,140	225.2	496	204.2	450	177.6	392	152.6	337	1600	63.0	4
	1067	42	1.34	1.7	1003	2,212	225.2	496	204.2	450	177.6	392	152.6	337	1600	63.0	5
	1219	48	1.55	2.0	1055	2,326	225.2	496	204.2	450	177.6	392	152.6	337	1600	63.0	6
	1372	54	1.76	2.3	1161	2,559	225.2	496	204.2	450	177.6	392	152.6	337	1600	63.0	6
Heavy Duty																	
High Capacity	760	30	0.96	1.3	1142	2,518	204.2	450	196.6	433	171.7	379	148.3	327	1765	69.5	4
	914	36	1.19	1.6	1263	2,783	204.2	450	196.6	433	171.7	379	148.3	327	1765	69.5	4
	1067	42	1.41	1.8	1416	3,123	204.2	450	196.6	433	171.7	379	148.3	327	1765	69.5	5
	1219	48	1.64	2.1	1506	3,321	204.2	450	196.6	433	171.7	379	148.3	327	1765	69.5	6
	1372	54	1.87	2.4	1617	3,565	204.2	450	196.6	433	171.7	379	148.3	327	1765	69.5	6
Bucket Selection	on Guide	*															



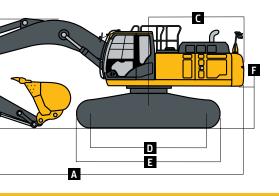
Contact your John Deere dealer for optimum bucket and attachment selections. These recommendations are for general conditions and average use. Does not include optional equipment such as thumbs or couplers. Larger buckets may be possible when using light materials, for flat and level operations, less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

# 380G LC

Engine	380G LC		
	Base engine for use in U.S. and U.S.	S. Territories	
Manufacturer and Model	John Deere PowerTech™ PSS 9.0 L		
Non-Road Emission Standard	EPA Final Tier 4/EU Stage IV		
Net Rated Power (ISO 9249)	202 kW (271 hp) at 1,900 rpm		
Cylinders	6		
Displacement	9.0 L (549 cu. in.)		
Off-Level Capacity	70% (35 deg.)		
Aspiration	Series turbocharged, air-to-air char	ge-air cooler	
Cooling			
Cool-on-demand hydraulic-driven, suctio	n-type fan with remote-mounted driv	/e	
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	30 350 kg (66,900 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	l gear		
Maximum Rated Flow	30.2 L/m (8.0 gpm)		
Pressure Setting	3900 kPa (566 psi)		
System Operating Pressure			
Circuits			
Implement	34 300 kPa (4,975 psi)		
Travel	35 500 kPa (5,149 psi)		
Swing	33 300 kPa (4,830 psi)		
Power Boost	38 000 kPa (5,511 psi)		
Controls	Pilot levers, short stroke, low-effort	t hydraulic pilot controls with shute	off 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.)
Electrical			
Number of Batteries (12 volt)	2		
Battery Capacity	1,400 CCA		
Alternator Rating	100 amp		
Work Lights	2 halogen (1 mounted on boom, 1 d	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		

### 4.0 m (13 ft. 1 in.) 11.29 m (37 ft. 1 in.) 3.60 m (11 ft. 10 in.)

) HD



tability-limited capacities, in kg (lb.). All lift capacities are based on ISO 10567 (with (32 in.) HD shoes; standard gauge; and situated on firm, uniform supporting surface. It of hydraulic capacities or 75 percent of weight needed to tip machine. TAL DISTANCE FROM CENTERLINE OF ROTATION

AL DIS	ANCEFRO			IATION			
4.5 m	(15 ft.)	6.0 m	(20 ft.)	7.5 m	(25 ft.)	9.0 m (	30 ft.)
Dver	Over	Over	Over	Over	Over	Over	Over
ront	Side	Front	Side	Front	Side	Front	Side
				7806	6710		
				(17,082)	(14,371)		
		9878	9578	8475	6515	6368	4579
		(21,357)	(20,618)	(18,430)	(13,985)		
6 096	14 063	11 549	8981	9351	6241	7495	4479
4,555)	(30,342)	(24,944)	(19,352)	(20,278)	(13,410)	(16,066)	(9,578)
8 594	13 091	12 991	8462	9974	5961	7360	4356
0,102)	(28,200)	(28,079)	(18,225)	(21,440)	(12,817)	(15,795)	(9,329)
9 348	12 683	13 792	8133	9747	5757	7262	4266
1,891)	(27,271)	(29,848)	(17,503)	(20,953)	(12,380)	(15,602)	(9,152)
8817	12 614	13 787	8003	9650	5670		
0,794)	(27,102)	(29,755)	(17,218)	(20,751)	(12,198)		
7 190	12 755	12 828	8053	9604	5735		
7,195)	(27,413)	(27,670)	(17,335)	(20,489)	(12,369)		
4 064	13 113	10 310	8318				
D,129)	(28,219)	(21,788)	(17,958)				

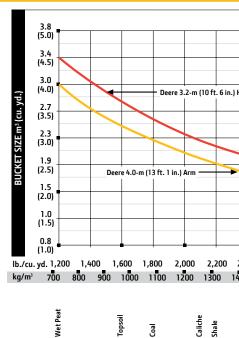
### Lift Capacities (continued) 380G LC

**Boldface type** indicates hydraulically limited capacity; lightface type indicates stabi power boost). Machine equipped with 1270-kg (2,800 lb.) bucket and 800-mm (32 i Total load includes weight of cables, hook, etc. Figures do not exceed 87 percent of

		_		HORIZ	ONTAL D
	1.5 m	(5 ft.)	3.0 m	(10 ft.)	4.5
LOAD POINT HEIGHT	Over Front	Over Side	Over Front	Over Side	Over Front
With 4.0-m (13 ft. 1 in.) arm					
7.5 m (25 ft.)					
6.0 m (20 ft.)					
4.5 m (15 ft.)					
3.0 m (10 ft.)					14 26 (30,63
1.5 m (5 ft.)					17 45 (37,63
Ground Line			6730 (15,403)	6730 (15,403)	19 13 (41,37
–1.5 m (–5 ft.)	6799 (15,210)	6799 (15,210)	10 863 (24,660)	10 863 (24,660)	19 <sup>37</sup> (41,95
–3.0 m (–10 ft.)	11 387 (25,561)	11 387 (25,561)	16 293 (36,911)	16 293 (36,911)	18 42 (39,87
–4.5 m (–15 ft.)	16 888 (37,963)	16 888 (37,963)	22 921 (49,377)	22 921 (49,377)	16 17 (34,81
–6.0 m (–20 ft.)			16 336 (34,418)	16 336 (34,418)	11 807 (24,74
Buckets					

A full line of buckets is offered to meet a wide variety of applications. Digging force ESCO teeth standard. Replaceable cutting edges and a variety of teeth are available th Capacities are SAE heaped ratings.

Type Bucket	Buc Wic			icket Dacity		cket ight	Bu Dig
	mm	in.	m <sup>3</sup>	cu. yd.	kg	lb.	kN
Heavy Duty							
Plate Lip	914	36	1.13	1.5	971	2,140	225.2
	1067	42	1.34	1.7	1003	2,212	225.2
	1219	48	1.55	2.0	1055	2,326	225.2
	1372	54	1.76	2.3	1161	2,559	225.2
Heavy Duty							
High Capacity	760	30	0.96	1.3	1142	2,518	204.2
	914	36	1.19	1.6	1263	2,783	204.2
	1067	42	1.41	1.8	1416	3,123	204.2
	1219	48	1.64	2.1	1506	3,321	204.2
	1372	54	1.87	2.4	1617	3,565	204.2
<b>Bucket Selection</b>	n Guide*						



<sup>a</sup>Contact your John Deere dealer for optimum bucket and attachment selections. These re equipment such as thumbs or couplers. Larger buckets may be possible when using light applications such as mass-excavation applications in ideal conditions. Smaller buckets an surfaces. Bucket capacity indicated is SAE heaged. Courtesy of Machine.Market



Ground Pressure	380G LC		
800-mm (32 in.) Triple Semi-Grouser Shoes	53.5 kPa (7.77 psi)		
Swing Mechanism	, I <i>I</i>		
Speed	10.7 rpm		
Torque	120 000 Nm (88,500 lbft.)		
Serviceability			
Refill Capacities			
Fuel Tank	628 L (166 gal.)		
Diesel Exhaust Fluid (DEF) Tank	35 L (9.3 gal.)		
Cooling System	39.7 L (10.5 gal.)		
Engine Oil with Filter	27 L (7.2 gal.)		
Hydraulic Tank	193 L (51 gal.)		
Hydraulic System	290 L (77 gal.)		
Swing Drive	11.8 L (12.5 qt.)		
Gearbox	, ,		
Propel (each)	8.5 L (9.0 gt.)		
Pump Drive	1.1 L (1.2 qt.)		
Operating Weights	(		
	or; 1.76-m³ (2.3 cu. yd.), 1370-mm (	54 in.), 1160-kg (2,557 lb.) bucket; 4	4.0-m (13 ft. 1 in.) arm; 7629-kg (16,819 lb.) counterweight;
and 800-mm (32 in.) heavy-duty (HD) trip			
Operating Weight	38 100 kg (83,992 lb.)		
Component Weights			
Undercarriage, HD, with 800-mm	13 550 kg (29,872 lb.)		
(32 in.) HD Triple Semi-Grouser Shoes			
HD One-Piece Boom (with arm cylinder)	3500 kg (7,806 lb.)		
Arm with Bucket Cylinder and Linkage	3		
3.2 m (10 ft. 6 in.) HD	1957 kg (4,315 lb.)		
4.0 m (13 ft. 1 in.)	1898 kg (4,184 lb.)		
Boom-Lift Cylinders (2), Total Weight	624 kg (1,376 lb.)		
1.76-m <sup>3</sup> (2.3 cu. yd.), 1370-mm (54 in.)	1160 kg (2,557 lb.)		
HD Bucket	3(),		
Counterweight, Standard	7629 kg (16,819 lb.)		
Operating Dimensions			
Arm Length	3.2 m (10 ft. 6 in.) HD	4.0 m (13 ft. 1 in.)	
Arm Digging Force	. ,	· · · ·	
SAE	177.6 kN (39,930 lb.)	152.6 kN (34,314 lb.)	
ISO	185.0 kN (41,590 lb.)	159.0 kN (35,745 lb.)	
Bucket Digging Force			
SAE	225.2 kN (50,628 lb.)	225.2 kN (50,628 lb.)	
ISO	246.0 kN (55,303 lb.)	246.0 kN (55,303 lb.)	
A Maximum Reach	11.10 m (36 ft. 5 in.)	11.86 m (38 ft. 11 in.)	C D /
A <sup>1</sup> Maximum Reach at Ground Level	10.89 m (35 ft. 9 in.)	11.67 m (38 ft. 3 in.)	U     / 🔨 🔨 /     U
<b>B</b> Maximum Digging Depth	7.38 m (24 ft. 3 in.)	8.18 m (26 ft. 10 in.)	
<b>B</b> <sup>1</sup> Maximum Digging Depth at 2.44-m	7.21 m (23 ft. 8 in.)	8.04 m (26 ft. 5 in.)	
(8 ft. 0 in.) Flat Bottom	. ,	• • - •	
<b>C</b> Maximum Cutting Height	10.36 m (34 ft. 0 in.)	10.75 m (35 ft. 3 in.)	GROUND LINE
D Maximum Dumping Height	7.24 m (23 ft. 9 in.)	7.63 m (25 ft. 0 in.)	
E Minimum Swing Radius	4.46 m (14 ft. 8 in.)	4.47 m (14 ft. 8 in.)	B B' \F
F Maximum Vertical Wall	6.42 m (21 ft. 1 in.)	7.27 m (23 ft. 10 in.)	
	,		

TRIM HERE FOR GATEFOLD

## Additional equipment

350G 380G 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
• •	Cool-on-demand hydraulic-driven fan
• •	500-hour engine-oil-change interval
• •	70% (35 deg.) off-level capability
• •	Engine-oil-sampling valve
	Chrome exhaust stack
	Electric ether starting aid
	Hydraulic fan reverser
	Engine coolant heater
	Severe-duty fuel filter
	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
	Load-lowering control / Anti-drift device
	Single-pedal propel control
	Control pattern change valve
	Undercarriage
• •	Planetary drive with axial piston motors
• •	Propel motor shields
• •	Spring-applied, hydraulically released
	automatic propel brake
• •	Track guides, front idler and 3 additional
• •	2-speed propel with automatic shift
•••	Upper carrier rollers (2)
	Sealed and lubricated track chain
•	Triple semi-grouser shoes, 600 mm (24 in.)
•	Triple semi-grouser shoes, 700 mm
	(28 in.)

	٠	(32 in.) Triple semi-grouser shoes, 800 mm
		(32 in.) HD
		Undercarriage frame opening guard
		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
		"D" channel guard
		Front Attachments
•	•	Centralized lubrication system
•	•	Dirt seals on all bucket pins
•	۲	Less boom and arm
•	•	Oil-impregnated bushings
•	•	Reinforced resin thrust plates
•	•	Tungsten carbide thermal coating on
•	•	arm-to-bucket joint
		Arm, 2.67 m (8 ft. 9 in.)
		Arm, 3.2 m (10 ft. 6 in.)
		Arm, 3.2 m (10 ft. 6 in.) HD
•		Arm, 4.0 m (13 ft. 1 in.)
		Attachment quick-couplers
		Boom cylinder with plumbing to main- frame for less boom and arm
		Buckets: Heavy duty / Heavy-duty high capacity / Side cutters and teeth
		Material clamps
		Super-long fronts
	_	
		Unerator's Station
	•	Operator's Station Adjustable independent-control posi-
•	•	Adjustable independent-control posi-
		Adjustable independent-control posi- tions (levers-to-seat, seat-to-pedals)
•	•	Adjustable independent-control posi- tions (levers-to-seat, seat-to-pedals) AM/FM radio
•		Adjustable independent-control posi- tions (levers-to-seat, seat-to-pedals) AM/FM radio Auto climate control/air conditioner/ heater/pressurizer
		Adjustable independent-control posi- tions (levers-to-seat, seat-to-pedals) AM/FM radio Auto climate control/air conditioner/
•	•	Adjustable independent-control posi- tions (levers-to-seat, seat-to-pedals) AM/FM radio Auto climate control/air conditioner/ heater/pressurizer Built-in Operator's Manual storage compartment and manual Cell-phone power outlet, 12 volt,
•	•	Adjustable independent-control posi- tions (levers-to-seat, seat-to-pedals) AM/FM radio Auto climate control/air conditioner/ heater/pressurizer Built-in Operator's Manual storage compartment and manual Cell-phone power outlet, 12 volt, 60 watt, 5 amp
•	•	Adjustable independent-control posi- tions (levers-to-seat, seat-to-pedals) AM/FM radio Auto climate control/air conditioner/ heater/pressurizer Built-in Operator's Manual storage compartment and manual Cell-phone power outlet, 12 volt, 60 watt, 5 amp Coat hook
•	•	Adjustable independent-control posi- tions (levers-to-seat, seat-to-pedals) AM/FM radio Auto climate control/air conditioner/ heater/pressurizer Built-in Operator's Manual storage compartment and manual Cell-phone power outlet, 12 volt, 60 watt, 5 amp Coat hook Deluxe suspension cloth seat with
•	•	Adjustable independent-control posi- tions (levers-to-seat, seat-to-pedals) AM/FM radio Auto climate control/air conditioner/ heater/pressurizer Built-in Operator's Manual storage compartment and manual Cell-phone power outlet, 12 volt, 60 watt, 5 amp Coat hook Deluxe suspension cloth seat with 100-mm (4 in.) adjustable armrests
•	•	Adjustable independent-control posi- tions (levers-to-seat, seat-to-pedals) AM/FM radio Auto climate control/air conditioner/ heater/pressurizer Built-in Operator's Manual storage compartment and manual 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
•	•	Adjustable independent-control posi- tions (levers-to-seat, seat-to-pedals) AM/FM radio Auto climate control/air conditioner/ heater/pressurizer Built-in Operator's Manual storage compartment and manual 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 intermit-
•	•	Adjustable independent-control posi- tions (levers-to-seat, seat-to-pedals) AM/FM radio Auto climate control/air conditioner/ heater/pressurizer Built-in Operator's Manual storage compartment and manual 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 intermit- tent speeds Gauges (illuminated): Diesel Exhaust
•	•	Adjustable independent-control posi- tions (levers-to-seat, seat-to-pedals) AM/FM radio Auto climate control/air conditioner/ heater/pressurizer Built-in Operator's Manual storage compartment and manual 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 intermit- tent speeds Gauges (illuminated): Diesel Exhaust Fluid (DEF) / Engine coolant / Fuel
•	•	Adjustable independent-control posi- tions (levers-to-seat, seat-to-pedals) AM/FM radio Auto climate control/air conditioner/ heater/pressurizer Built-in Operator's Manual storage compartment and manual 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 intermit- tent speeds Gauges (illuminated): Diesel Exhaust Fluid (DEF) / Engine coolant / Fuel Horn, electric
•	•	Adjustable independent-control posi- tions (levers-to-seat, seat-to-pedals) AM/FM radio Auto climate control/air conditioner/ heater/pressurizer Built-in Operator's Manual storage compartment and manual 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 intermit- tent speeds Gauges (illuminated): Diesel Exhaust Fluid (DEF) / Engine coolant / Fuel
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**Key:** ● Standard ▲ Optional or special

Single-bar shoes, 700 mm (28 in.)

Triple semi-grouser shoes, 800 mm

350G 380G Undercarriage (continued)

(32 in.)

Heavy Duty (HD)

.

See your John Deere dealer for further information.

350G 3	380G	Operator's Station (continued)
		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 auto- matic 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 indi- cator light with audible alarm, engine oil pressure indicator light, with audible alarm, low-alternator-charge indicator light, low-fuel indicator light, low DEF indication with audible alarm, fault code alert indicator, fuel-rate display, wiper- mode indicator, work-lights-on indicator, and work-mode indicator
•	•	Motion alarm with cancel switch (con- forms 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
		Air-suspension heated seat
•	•	Hydraulic oil filter restriction indicator light
		Protection screens for cab front, rear, and side
		Seat belt, 76 mm (3 in.), non-retractable
		Window vandal-protection covers
		Electrical
•	•	100-amp alternator
•	•	Blade-type multi-fused circuits
•	•	Positive-terminal battery covers
•	•	JDLink <sup>™</sup> wireless communication system (available in specific countries; see your dealer for details)
		Rearview camera
		Cab extension wiring harness
		Lights
•	•	Work lights: Halogen / 1 mounted on boom / 1 mounted on frame
		2 lights mounted on cab / 1 mounted on right side of boom / 1 mounted under

engine hood

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 1370-mm (54 in.) buckets, full fuel tanks, and 79-kg (175 lb.) operators; a 3500 LC unit with 6928-kg (15,274 lb.) counterweight and 800-mm (32 in.) triple semi-grouser shoes; and a 380G LC unit with 7629-kg (16,819 lb.) counterweight and 800-mm (32 in.) heavy-duty triple semi-grouser shoes.

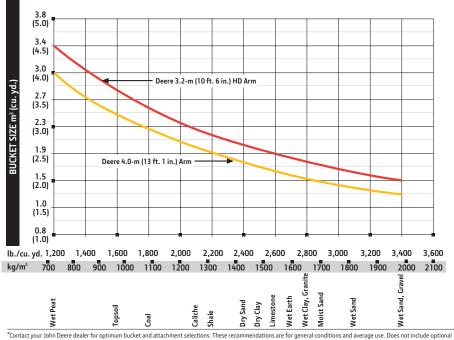
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#### **Buckets**

#### 380G 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 Fanggs<sup>™</sup> teeth or ESCO 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.

Type Bucket	Bucl Wid			icket Dacity		:ket ight	Buc Dig F		Arm Force (10 ft. 6	3.2 m	Arm Force (13 ft.	4.0 m	Buc Tip Ra		Number of Teeth
	mm	in.	m <sup>3</sup>	cu. yd.	kg	lb.	kN	lb.	kN	lb.	kN	lb.	mm	in.	
Heavy Duty															
Plate Lip	914	36	1.13	1.5	971	2,140	225.2	496	177.6	392	152.6	337	1600	63.0	4
	1067	42	1.34	1.7	1003	2,212	225.2	496	177.6	392	152.6	337	1600	63.0	5
	1219	48	1.55	2.0	1055	2,326	225.2	496	177.6	392	152.6	337	1600	63.0	6
	1372	54	1.76	2.3	1161	2,559	225.2	496	177.6	392	152.6	337	1600	63.0	6
Heavy Duty															
High Capacity	760	30	0.96	1.3	1142	2,518	204.2	450	171.7	379	148.3	327	1765	69.5	4
	914	36	1.19	1.6	1263	2,783	204.2	450	171.7	379	148.3	327	1765	69.5	4
	1067	42	1.41	1.8	1416	3,123	204.2	450	171.7	379	148.3	327	1765	69.5	5
	1219	48	1.64	2.1	1506	3,321	204.2	450	171.7	379	148.3	327	1765	69.5	6
	1372	54	1.87	2.4	1617	3,565	204.2	450	171.7	379	148.3	327	1765	69.5	6
Bucket Selection	n Guide*														



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-execuation 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

350G	380G	Engine
•	•	Auto-idle system
•	•	Automatic belt-tension device
•	•	Batteries (2 – 12 volt)
		Coolant recovery tank
٠	•	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
•		5 5
•		Cool-on-demand hydraulic-driven fan
•	•	500-hour engine-oil-change interval
•	•	70% (35 deg.) off-level capability
•	•	Engine-oil-sampling valve
<b>A</b>	<b>A</b>	Chrome exhaust stack
		Electric ether starting aid
		Hydraulic fan reverser
		Engine coolant heater
		Severe-duty fuel filter
		Hydraulic System
•	•	Reduced-drift valve for boom down, arm in
		Auxiliary hydraulic valve section
•	٠	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
		Load-lowering control / Anti-drift device
		Single-pedal propel control
		Control pattern change valve
		Undercarriage
•		Planetary drive with axial piston motors
		Propel motor shields
		Spring-applied, hydraulically released
-	-	automatic propel brake
		Track guides, front idler and 3 additional
		2-speed propel with automatic shift
		Upper carrier rollers (2)
		Sealed and lubricated track chain
•	•	Triple semi-grouser shoes, 600 mm
•		(24 in.) Triple semi-grouser shoes, 700 mm
		(28 in.)

**Key:** ● Standard ▲ Optional or special

350G	380G	Undercarriage (continued)
•	•	Single-bar shoes, 700 mm (28 in.) Heavy Duty (HD)
•		Triple semi-grouser shoes, 800 mm (32 in.)
	٠	Triple semi-grouser shoes, 800 mm (32 in.) HD
		Undercarriage frame opening guard
		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
		"D" channel guard
		Front Attachments
•	•	Centralized lubrication system
•	•	Dirt seals on all bucket pins
•	•	Less boom and arm
•	•	Oil-impregnated bushings
•		Reinforced resin thrust plates Tungsten carbide thermal coating on
•	•	arm-to-bucket joint
		Arm, 2.67 m (8 ft. 9 in.)
		Arm, 3.2 m (10 ft. 6 in.)
	<b></b>	Arm, 3.2 m (10 ft. 6 in.) HD Arm, 4.0 m (13 ft. 1 in.)
		Attachment quick-couplers
		Boom cylinder with plumbing to main-
	_	frame for less boom and arm
<b></b>	•	Buckets: Heavy duty / Heavy-duty high capacity / Side cutters and teeth
		Material clamps
		Super-long fronts
		Operator's Station Adjustable independent-control posi-
•	•	tions (levers-to-seat, seat-to-pedals) AM/FM radio
•		Auto climate control/air conditioner/
•	•	heater/pressurizer
•	•	Built-in Operator's Manual storage compartment and manual
•	•	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 intermit- tent speeds
•	•	Gauges (illuminated): Diesel Exhaust Fluid (DEF) / Engine coolant / Fuel
		Horn, electric

Hourmeter, electric

See your John Deere dealer for further information.

350G 3800	<b>Operator's Station</b> (continued)
	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 auto- matic 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 indi- cator light with audible alarm, engine oil pressure indicator light with audible alarm, low-alternator-charge indicator light, low-fuel indicator light, low DEF indication with audible alarm, fault code alert indicator, fuel-rate display, wiper- mode indicator, work-lights-on indicator, and work-mode indicator
• •	Motion alarm with cancel switch (con- forms 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
	Air-suspension heated seat
	Hydraulic oil filter restriction indicator light
	Protection screens for cab front, rear, and side
	Seat belt, 76 mm (3 in.), non-retractable
	Window vandal-protection covers
	Electrical
• •	100-amp alternator
• •	Blade-type multi-fused circuits
• •	Positive-terminal battery covers
• •	JDLink <sup>™</sup> wireless communication system (available in specific countries; see your dealer for details)
	Rearview camera
	Cab extension wiring harness
	Lights
• •	Work lights: Halogen / One mounted on boom / One mounted on frame
	2 lights mounted on cab / One mounted on right side of boom / One mounted

under engine hood



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 1370-mm (54 in.) buckets, full fuel tanks, and 79-kg (175 lb.) operators; a 350G LC unit with 6928-kg (15,274 lb.) counterweight and 800-mm (32 in.) triple semi-grouser shoes; and a 380G LC unit with 7629-kg (16,819 lb.) counterweight and 800-mm (32 in.) heavy-duty triple semi-grouser shoes.

JohnDeere.com

## 350G LC/380G LC 35–38 metric ton







# Put more work within reach.

Whether you're loading trucks, digging trenches, demolishing structures, or placing pipe, you'll get more done with our G-Series Excavators. Their rugged EPA Final Tier 4 (FT4)/EU Stage IV PowerTech<sup>™</sup> diesel engines meet rigid emission regulations, enabling you to work, everywhere there's work — without compromising power, reliability, or ease of operation. Customer-inspired refinements include a comfortable, spacious cab. And an enhanced LCD monitor with simplified navigation that lets an operator easily dial-in a wealth of machine information and functionality. Exceptional power, smoothness, and ease of operation — the 350G LC and 380G LC deliver all you've come to expect in John Deere excavators. And then some.

Key specifications	350G LC	380G LC
Net rated power	202 kW (271 hp)	202 kW (271 hp)
Operating weight	35 650 kg (78,550 lb.)	38 100 kg (83,992 lb.)
Maximum digging depth	8.18 m (26 ft. 10 in.)	8.18 m (26 ft. 10 in.)
Arm digging force	152.6–159.0 kN (34,314–35,745 lb.)	152.6–159.0 kN (34,314–35,745 lb.)
Bucket digging force	225.2–246.0 kN (50,628–55,303 lb.)	225.2–246.0 kN (50,628–55,303 lb.)

DEERE

DEE

# Work harder. And smarter.

Who says you have to choose between working harder and working smarter? With our engine/hydraulic management system commanding impressive hydraulic muscle, these excavators do both — putting that extra ability to work with typically smooth operation and finesse. Add to this three power modes and power boost, and these excavators provide everything you need to give productivity an extra push. Combining brawn and brains, our G-Series is a wise choice.

Powerwise<sup>™</sup> III 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.

Need extra stability or lift capacity? Opt for the 380G LC. Its standard heavy-duty boom, 3.2-m (10 ft. 6 in.) heavy-duty arm, and undercarriage provide the stamina and strength to handle demanding pipeline, demolition, and scrap-handling tasks.

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

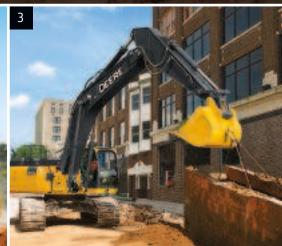
 Generous flow, arm force, and swing torque help speed cycles. So you can do your best to stay on schedule or ahead of the weather.

380G

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







Courtesy of Machine.Market

# Operating ease takes a turn for the better.

G-Series Excavators make it easy for your operators to "dial things up." The refined 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 increased 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 needed to do your best work.



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

We've got your back with a sculpted mechanical-suspension high-back seat. Seat has 267 mm (10½ in.) of travel, sliding together or independent of the joystick console. So it won't cramp an operator's style. For even more support and comfort, opt for the air-suspension heated seat.

Ergonomically correct short-throw pilot levers provide smooth, predictable fingertip control with less movement or effort. Pushbuttons in the right lever allow fingertip control of auxiliary hydraulic flow for operating attachments.

No shortage of storage in here. There's a place for a cooler, cup holders, and even a hot/cold box that keeps beverages at just the right temperature.

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

A new hood design ensures optimal visibility to the sides and rear, even with the increased under-the-hood space requirements of EPA Final Tier 4 (FT4)/ EU Stage IV components.

- 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. If you need to see more, choose the optional camera that displays the action behind on the monitor.
- **3.** Automatic, high-velocity bi-level climatecontrol system with automotive-style adjustable louvers helps keep the glass clear and the cab comfortable.





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

When you've got places to go, people to see, and schedules to keep, you need dependable workers like these. Built to deliver unsurpassed uptime, these go-getters employ many of the same job-proven digging structures and hydraulic, electrical, and undercarriage components as their highly regarded predecessors. You'll also continue to profit from durabilityenhancing "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.

Oil-impregnated bushings enhance durability and extend grease intervals to 500 hours for the arm-and-boom joint and 100 hours for the bucket joint. Tungsten-carbide coating creates an extremely wear-resistant surface to protect the all-important bucketto-arm joint.

Grooved bushings and thermalcoated bucket joints increase arm- and boom-lube intervals to 500 hours.

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



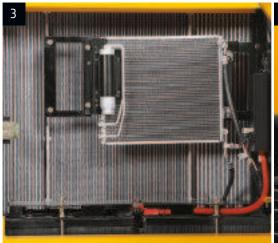
John Deere PowerTech EPA Final Tier 4 (FT4)/EU Stage IV diesel engines meet emission regulations without sacrificing power or torque. We built on our Interim Tier 4 (IT4)/Stage IIIB solution to deliver the best combination of performance, efficiency, and reliability. Our field-proven technology is simple, fluid efficient, fully integrated, and fully supported. It employs field-proven cooled exhaust gas recirculation (EGR), easy-to-maintain high-uptime exhaust filters, and selective catalytic reduction (SCR). A John Deere exclusive, three welded bulkheads within the boom resist torsional stress for unsurpassed durability.

The optional grade-reference system includes sensor mounts to help speed installation, eliminating the need to grind, weld, and repaint. Our open-architecture system design allows you to employ your favorite brand of grade-control system to help maximize productivity and uptime while lowering daily operating costs.



350G

E.





## Seeking simplified maintenance? You'll become a big fan of the G-Series.

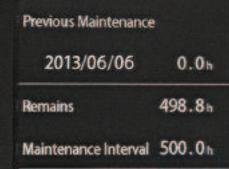
Swing open the side panels and you'll discover many of the numerous ways these excavators can minimize maintenance, increase uptime, and reduce daily operating costs. The hydraulically driven fan runs only as fast or often as needed, reducing fuel consumption and wear-causing debris flow through the cooler cores. 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 — with time- and money-saving advantages such as these, and a dealer-customized Ultimate Uptime package to help optimize your operation, there's more to like.

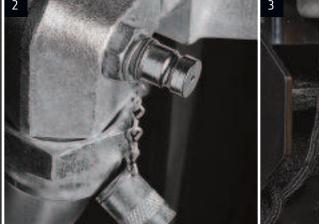
- LCD monitor tracks scheduled maintenance intervals and issues reminders, including DPF servicing. Should a problem arise, it provides diagnostic information to help decrease downtime.
- 2. Diagnostic displays and fluid-sample ports help speed preventative maintenance and troubleshooting.
- **3.** Vertical spin-on engine oil and fuel filters are conveniently located in the right rear compartment for easy ground-level servicing.

- **4.** Ground-level 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.** Cooler cores' 10-fin-per-inch spacing lets trash easily pass to resist plugging. Swing-out coolers provide added core access.



**Engine Oil Filter** 







10



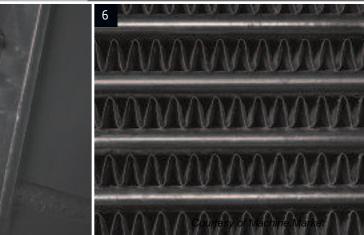
A second door has been added to the right side of the machine to provide even more wide-open access to components.

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

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

Ash-service intervals for the diesel particulate filter (DPF) are condition based, meaning the machine will notify the operator before service is required. Typically, ash service is not necessary until the first engine overhaul depending on machine application and maintenance practices. FT4 components are warranted for 10,000 hours.

Large fuel tanks and 500- and 5,000-hour engine and hydraulic oil-service intervals decrease downtime for routine maintenance. Fluid-level sight gauges are conveniently located and can be checked at a glance.



## 350G LC

Engine	350G LC		
2	Base engine for use in U.S. and U.S	. Territories	
Manufacturer and Model	John Deere PowerTech™ PSS 9.0 L		
Non-Road Emission Standard	EPA Final Tier 4/EU Stage IV		
Net Rated Power (ISO 9249)	202 kW (271 hp) at 1,900 rpm		
Cylinders	6		
Displacement	9.0 L (549 cu. in.)		
Off-Level Capacity	70% (35 deg.)		
Aspiration	Series turbocharged, air-to-air charged		
Cooling	Series turbocharged, an-to-an charg		
Cool-on-demand hydraulic-driven, suctio	n type fan with remote mounted drive		
Powertrain	n-type fail with femote-mounted drive	:	
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	30 350 kg (66,900 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	One gear		
Maximum Rated Flow	30.2 L/m (8.0 gpm)		
Pressure Setting	3900 kPa (566 psi)		
System Operating Pressure	• •		
Circuits			
Implement	34 300 kPa (4,975 psi)		
Travel	35 500 kPa (5,149 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 shu	toff lover
Cylinders		fiyuradiic pilot controls with shu	
Cylinders	Bore	Rod Diameter	Stroke
De em (2)	145 mm (5.7 in.)		
Boom (2)		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	1,400 CCA		
Alternator Rating	100 amp		
Work Lights	2 halogen (one mounted on boom, o	one 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			
800-mm (32 in ) Triple Semi-Grouser Shoes			

800-mm (32 in.) Triple Semi-Grouser Shoes 50.1 kPa (7.27 psi)

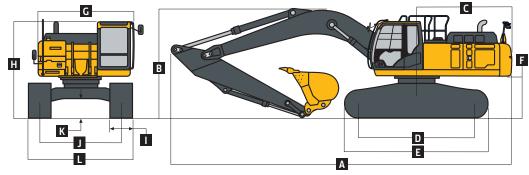
and the



Swing Mechanism	350G LC	
Speed	10.7 rpm	
Torque	120 000 Nm (88,500 lbft.)	
Serviceability		
Refill Capacities		
Fuel Tank	628 L (166 gal.)	
Diesel Exhaust Fluid (DEF) Tank	35 L (9.3 gal.)	
Cooling System	39.7 L (10.5 gal.)	
Engine Oil with Filter	27 L (7.2 gal.)	
Hydraulic Tank	193 L (51 gal.)	
Hydraulic System	290 L (77 gal.)	
Swing Drive	11.8 L (12.5 qt.)	
Gearbox		
Propel (each)	8.5 L (9.0 qt.)	
Pump Drive	1.1 L (1.2 qt.)	
Operating Weights		
4.0-m (13 ft. 1 in.) arm; 6928-kg (15,274 Operating Weight <b>Component Weights</b>	br; 1.76-m <sup>3</sup> (2.3 cu. yd.), 1370-mm (54 in.), 1160-kg (2,557 lb.) b.) counterweight; and 800-mm (32 in.) triple semi-grouser sh 35 650 kg (78,550 lb.)	
Undercarriage with 800-mm (32 in.) Triple Semi-Grouser Shoes	12 750 kg (28,100 lb.)	I IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII
One-Piece Boom (with arm cylinder)		
6.4 m (21 ft. 0 in.)	3031 kg (6,682 lb.)	
5.7-m (18 ft. 8 in.) ME	3234 kg (7,130 lb.)	
Arm with Bucket Cylinder and Linkage		
2.1 m (6 ft. 10 in.) ME	1821 kg (4,015 lb.)	
2.67 m (8 ft. 9 in.) Heavy-Duty (HD)	1909 kg (4,209 lb.)	
3.2 m (10 ft. 6 in.)	1758 kg (3,876 lb.)	
4.0 m (13 ft. 1 in.)	1898 kg (4,184 lb.)	B B \F
Boom-Lift Cylinders (2), Total Weight	624 kg (1,376 lb.)	
1.76-m³ (2.3 cu. yd.), 1370-mm (54 in.) HD Bucket	1160 kg (2,557 lb.)	
Counterweight, Standard	6928 kg (15,274 lb.)	
Operating Dimensions		
Arm Length	2.1 m (6 ft. 10 in.) ME / 2.67 m (8 ft. 9 in.) HD / 2.67 m (8	3 ft. 9 in.) HD / 3.2 m (10 ft. 6 in.) / 4.0 m (13 ft. 1 in.) /
	5.7-m (18 ft 8 in ) 5.7-m (18 ft 8 in ) 6.4-m (2	1 ft () in ) 6 4-m (21 ft () in ) 6 4-m (21 ft () in )

Ar	m Length	2.1 m (6 ft. 10 in.) ME / 5.7-m (18 ft. 8 in.) Boom Length	2.67 m (8 ft. 9 in.) HD / 5.7-m (18 ft. 8 in.) Boom Length	2.67 m (8 ft. 9 in.) HD / 6.4-m (21 ft. 0 in.) Boom Length	3.2 m (10 ft. 6 in.) / 6.4-m (21 ft. 0 in.) Boom Length	4.0 m (13 ft. 1 in.) / 6.4-m (21 ft. 0 in.) Boom Length
	Arm Digging Force					
	SAE	275.0 kN (45,914 lb.)	213.0 kN (45,914 lb.)	204.2 kN (45,914 lb.)	177.6 kN (39,930 lb.)	152.6 kN (34,314 lb.)
	ISO	288.0 kN (64,745 lb.)	222.0 kN (49,908 lb.)	222.0 kN (49,908 lb.)	185.0 kN (41,590 lb.)	159.0 kN (35,745 lb.)
Bucket Digging Force						
	SAE	229.0 kN (50,628 lb.)	214.0 kN (50,628 lb.)	225.2 kN (50,628 lb.)	225.2 kN (50,628 lb.)	225.2 kN (50,628 lb.)
	ISO	264.0 kN (59,350 lb.)	246.0 kN (55,303 lb.)	246.0 kN (55,303 lb.)	246.0 kN (55,303 lb.)	246.0 kN (55,303 lb.)
Α	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.)
В	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.)
BI	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.)

M	achine Dimensions	350G LC				
Ar	m Length	2.1 m (6 ft. 10 in.) ME / 5.7-m (18 ft. 8 in.) Boom Length	2.67 m (8 ft. 9 in.) HD / 5.7-m (18 ft. 8 in.) Boom Length	2.67 m (8 ft. 9 in.) HD / 6.4-m (21 ft. 0 in.) Boom Length	3.2 m (10 ft. 6 in.) / 6.4-m (21 ft. 0 in.) Boom Length	4.0 m (13 ft. 1 in.) / 6.4-m (21 ft. 0 in.) Boom Length
Α	Overall Length	10.99 m (36 ft. 1 in.)	11.33 m (37 ft. 2 in.)	11.35 m (37 ft. 3 in.)	11.20 m (36 ft. 9 in.)	11.29 m (37 ft. 0 in.)
В	Overall Height	3.68 m (12 ft. 1 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.)
С	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.)				
Е	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.)				
н	Cab Height	3.14 m (10 ft. 4 in.)				
1	Track Width with Shoes	600 mm (24 in.) / 700 m	nm (28 in.) / 800 mm (32	in.)		
J	Gauge Width	2.59 m (8 ft. 6 in.)				
K	Ground Clearance	0.50 m (20 in.)				
L	Overall Width with 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

**Boldface type** indicates hydraulically limited capacity; lightface type indicates stability-limited capacities, in kg (lb.). All lift capacities are based on ISO 10567 (with power boost). Machine equipped with 800-mm (32 in.) shoes; 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.

.oad Point Height 1.5 m (5 ft.)		(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.)	
Horizontal Distance from	Over	Over	Over	Over	Over	Over	Over	Over	Over	Over	Over	Over
Centerline of Rotation	Front	Side	Front	Side	Front	Side	Front	Side	Front	Side	Front	Side
With 2.1-m (6 ft. 10 in.) ME arm, 5.7-m (18 ft. 8 in.) ME boom, and 1273-kg (2,806 lb.) bucket												
6.0 m (20 ft.)							10 841	8528				
							(23,900)	(18,800)				
4.5 m (15 ft.)					14 674	13 245	11 635	8187				
					(32,350)	(29,200)	(25,650)	(18,050)				
3.0 m (10 ft.)							12 859	7756	8981	5330		
							(28,350)	(17,100)	(19,800)	(11,750)		
1.5 m (5 ft.)							12 701	7371	8800	5194		
							(28,000)	(16,250)	(19,400)	(11,450)		
Ground Line					19 028	11 249	12 474	7189				
					(41,950)	(24,800)	(27,500)	(15,850)				
–1.5 m (–5 ft.)			21 818	21 818	17 305	11 317	12 496	7212				
			(48,100)	(48,100)	(38,150)	(24,950)	(27,550)	(15,900)				
–3.0 m (–10 ft.)			17 463	17 463	13 676	11 657						
			(38,500)	(38,500)	(30,150)	(25,700)						

Lift Capacities (continued)	350G LC											
Boldface type indicates hydra												
boost). Machine equipped with								g surface. To	otal load inc	ludes weight	of cables, h	iook, etc.
Figures do not exceed 87 perc								(20.5.)	7.5	(DE 6. )	0.0	20 6 1
Load Point Height	1.5 m (			(10 ft.)		(15 ft.)		(20 ft.)		(25 ft.)	9.0 m	
Horizontal Distance from	Over	Over	Over	Over	Over	Over	Over	Over	Over	Over	Over	Over
Centerline of Rotation	Front	Side	Front	Side	Front	Side	Front	Side	Front	Side	Front	Side
With 2.67-m (8 ft. 9 in.) HD ai	rm, 5.7-m (18	8 TT. 8 IN.) I	VIE DOOM, a	па 1273-кд	(2,806 ID.) L	бискет	0000	0777				
6.0 m (20 ft.)							9888	8732				
( <b>F</b> ( <b>)F (+</b> )					13 404	13 404	(21,800) 10 864	(19,250) 8391	9299	5625		
4.5 m (15 ft.)												
20m (10ft)					(29,550) 16 579	(29,550) 12 565	(23,950) 12 270	(18,500) 7938	(20,500) 9095	(12,400) 5420		
3.0 m (10 ft.)												
1 E m (E ft )					(36,550) 18 847	(27,700) 11 725	(27,050) 12 859	(17,500) 7507	(20,050) 8868	(11,950) 5239		
1.5 m (5 ft.)												
Creved Line					(41,550)	(25,850)	(28,350)	(16,550)	(19,550)	(11,550) 5103		
Ground Line					19 323	11 362	12 565	7235	8732			
1 E m / E ft )			10 6 9 6	10 6 9 6	(42,600)	(25,050)	(27,700)	(15,950)	(19,250)	(11,250)		
–1.5 m (–5 ft.)			19 686	19 686	18 189	11340	12 474	7189				
20m ( 10 ft )			(43,400) 20 752	(43,400) 20 752	(40,100) 15 377	(25,000) 11544	(27,500) <b>10 977</b>	(15,850) 7348				
–3.0 m (–10 ft.)												
With 2 67 m /8 ft 0 in 1 HD a	m 6 / m 17		(45,750)	(45,750)	(33,900)	(25,450)	(24,200)	(16,200)				
With 2.67-m (8 ft. 9 in.) HD ai	m, 0.4-m (2	ι π.υ in.) t	оот, апа т	170-кд (2,5	00 ID.) DUCK	tet	9496	9213	8705	6162		
6.0 m (20 ft.)												
(, E m (] E ft )					1/- 206	1/. 001	(20,636)	(19,803)	(19,093)	(13,179)		
4.5 m (15 ft.)					14 206	14 021	10 894	8801	9279	6021		
2.0 (10.6.)					(30,447) 17 742	(30,255)	(23,562)	(18,960)	(20,190)	(12,922)		
3.0 m (10 ft.)						12 827	12 506	8285	9573	5798		
] ር (ር 6+ )					(38,067)	(27,693)	(27,011) 13 399	(17,857) 7868	(20,571) 9319	(12,462) 5570		
1.5 m (5 ft.)												
Cround Line					(36,850)	(26,125)	(28,794)	(16,949)	(20,037)	(11,982)		
Ground Line					18 814	11 932	13 127	7634	9155	5423		
1 5 ( 5 ft )			12 / 05	17 / 05	(42,867)	(25,647)	(28,197)	(16,432)	(19,685)	(11,666) 5389		
–1.5 m (–5 ft.)			12 495	12 495	18 754	11 959	13 059	7575	9117			
–3.0 m (–10 ft.)			(28,545) 21 868	(28,545) 21 868	(40,705)	(25,693) 12 147	(28,045) <b>12 606</b>	(16,301) 7679	(19,617)	(11,605)		
-3.0 III (-10 II.)					16 665							
( E m ( 1E ft )			(47,544)	(47,544)	(36,066)	(26,109)	(27,142)	(16,540)				
–4.5 m (–15 ft.)			16 500	16 500	12 776	12 551						
With 2.67-m (8 ft. 9 in.) HD ai	m 6/ m / 7	1 ft 0 := 1 4	(35,354)	(35,354)	(27,209)	(27,027)						
6.0 m (20 ft.)	111, 0. <del>4</del> -111 (2	, ,,, O ,,, J [	Joonn, and I	∠75-KY (Z,č	00 ID.J DUCK	eı	9117	8596	8482	5693		
0.0 m (20 m.)									8482 (18,700)			
4.5 m (15 ft.)					13 449	13 109	(20,100) 10 387	(18,950) 8142	(18,700) 8913	(12,550) 5534		
ד.) ווו כ.ד												
3.0 m (10.ft )					(29,650) 16 874	(28,900) 11 884	(22,900)	(17,950) 7620	(19,650)	(12,200) 5284		
3.0 m (10 ft.)							11 929		8890			
1 E m (E ft )					(37,200) 17 055	(26,200)	(26,300)	(16,800)	(19,600)	(11,650)		
1.5 m (5 ft.)					(37,600)	11 158 (24,600)	12 474 (27,500)	7212 (15,900)	8641 (19,050)	5058 (11,150)		
Ground Line					19 006	10 932	12 202	6963	8482	4899		
									8482 (18,700)			
15m (5ft)			13 177	13 177	(41,900)	(24,100) 10 954	(26,900)	(15,350) 6895	8459	(10,800) 4876		
–1.5 m (–5 ft.)					18 030		12 134					
30m(10ft)			(29,050)	(29,050)	(39,750)	(24,150)	(26,750)	(15,200) 7008	(18,650)	(10,750)		
–3.0 m (–10 ft.)			21 001 (46,300)	21 001 (46,300)	15 944 (35,150)	11 158	11 975	(15,450)				
–4.5 m (–15 ft.)			15 490	15 490	11 952	(24,600) 11 612	(26,400)	(15,450)				
			(34,150)									
			(50,150)	(34,150)	(26,350)	(25,600)						

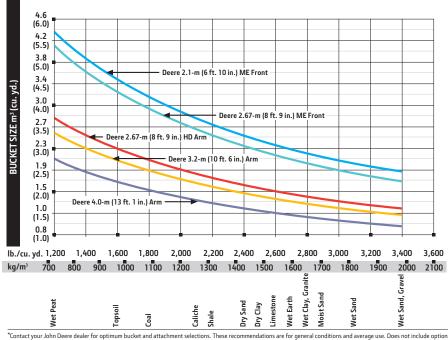
Lift Capacities (continued)	350G LC											
Boldface type indicates hydra												
power boost). Machine equipp									surface. Tota	al load inclu	des weight	of cables,
hook, etc. Figures do not exce												
Load Point Height		(5 ft.)		(10 ft.)		(15 ft.)		(20 ft.)		7.5 m (25 ft.)		30 ft.)
Horizontal Distance from	Over	Over	Over	Over	Over	Over						
Centerline of Rotation	Front	Side	Front	Side	Front	Side	Front	Side	Front	Side	Front	Side
With 3.2-m (10 ft. 6 in.) arm,	6.4-m (21 f	t. 0 in.) boo	m, and 117	0-kg (2,580	) lb.) bucket							
6.0 m (20 ft.)									8008	6249		
									(17,528)	(13,381)		
4.5 m (15 ft.)							10 108	8940	8700	6077	6425	4268
							(21,858)	(19,242)	(18,923)	(13,042)		
3.0 m (10 ft.)					16 457	13 179	11 834	8402	9604	5832	7003	4180
					(35,331)	(28,428)	(25,561)	(18,102)	(20,664)	(12,529)	(15,009)	(8,936)
1.5 m (5 ft.)					19 033	12 300	13 321	7933	9338	5579	6882	4069
					(41,053)	(26,492)	(28,796)	(17,084)	(20,070)	(11,995)	(14,768)	(8,714)
Ground Line					19818	11 930	13 140	7635	9132	5395	6794	3988
					(42,912)	(25,649)	(28,219)	(16,430)	(19,628)	(11,598)	(14,592)	(8,553)
–1.5 m (–5 ft.)			11 956	11 956	19 291	11 864	13 002	7516	9042	5314		
			(27,138)	(27,138)	(41,824)	(25,490)	(27,916)	(16,168)	(19,442)	(11,431)		
–3.0 m (–10 ft.)	14 280	14 280	19 673	19 673	17 649	11 988	13 051	7558	9105	5371		
	(32,048)	(32,048)	(44,674)	(44,674)	(38,194)	(25,762)	(28,032)	(16,269)	(19,608)	(11,580)		
–4.5 m (–15 ft.)			19 521	19 521	14 491	12 307	10 645	7794				
	<u> </u>		(41,956)	(41,956)	(31,054)	(26,481)	(22,511)	(16,823)				
With 4.0-m (13 ft. 1 in.) arm,	6.4-m (21 f	t. U in.) boo	m, and II/	U-kg (2,580	l Ib.) bucket							
7.5 m (25 ft.)										(12.05.0)		
C Q (20 G )									(14,716)	(13,856)		
6.0 m (20 ft.)									7015	6409	5727	4442
									(15,348)	(13,734)	(11,021)	(9,453)
4.5 m (15 ft.)									7813	6203	7212	4370
2.0 (10.5)					14 409	13 717	10 700	0612	(16,997)	(13,312)	(15,462)	(9,335)
3.0 m (10 ft.)							10 708	8612	8838	5923	7070	4234
					(30,952)	(29,563)	(23,138)	(18,543)	(19,174)	(12,721)	(15,160)	(9,058)
1.5 m (5 ft.)					17,673	12 624	12 469	8065	9401	8626	6904	4082
Ground Line			6735	6735	(38,094) 19 386	(27,185) 12 004	(26,955) 13 195	(17,362) 7669	(20,198) 9133	(12,090) 5386	(14,815) 6766	(8,741) 3955
1 E m ( E ft )	6807	6807	(15,416) 10 880	(15,416) 10 880	(41,927) 19 638	(25,812) 11 769	(28,331) 12 949	(16,500) 7458	(19,623) 8974	(11,573) 5244	(14,526) 6692	(8,476) 3887
–1.5 m (–5 ft.)												
–3.0 m (–10 ft.)	(15,227) 11 398	(15,227) 11 398	(24,662) 16 291	(24,662) 16 291	(42,536) 18 694	(25,286) 11 779	(27,797) 12 899	(16,037) 7414	(19,285) 8945	(11,269) 5218	(14,381)	(8,342)
-5.0 III (-10 IL.)	(25,572)	(25,572)	(36,941)	(36,941)	(40,455)	(25,307)	(27,693)	(15,947)	(19,236)	(11,226)		
–4.5 m (–15 ft.)	16 873	16 873	23 293	23 293	16 436	11 987	12 165	7536	(19,230) 8817	5356		
-4.5 III (-15 II.)	(38,021)	(38,021)	(50,183)	(50,183)	(35,373)	(25,775)	(26,067)	(16,233)	(18,456)	(11,576)		
–6.0 m (–20 ft.)	(50,021)	(50,021)	16 669	16 669	12 038	12 038	8137	7927	(10,450)	(11,570)		
-0.0 III ( <b>-</b> 20 II.)			(35,135)	(35,135)	(25,239)	(25,239)	0157	1921				
			(22,122)	(22,12)	(23,239)	(23,239)						

### 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 Fanggs<sup>™</sup> teeth or ESCO 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.

Type Bucket	Buc Wic			ucket pacity		cket ight	Buc Dig F		Arm Force, 2 (8 ft. 9	2.67 m	Arm Force, (10 ft.	3.2 m	Arm Force, (13 ft.	4.0 m	Buc Tip R		Number of Teeth
	mm	in.	m³	cu. yd.	kg	lb.	kN	lb.	kN	lb.	kN	lb.	kN	lb.	mm	in.	
Heavy Duty																	
Plate Lip	914	36	1.13	1.5	971	2,140	225.2	496	204.2	450	177.6	392	152.6	337	1600	63.0	4
	1067	42	1.34	1.7	1003	2,212	225.2	496	204.2	450	177.6	392	152.6	337	1600	63.0	5
	1219	48	1.55	2.0	1055	2,326	225.2	496	204.2	450	177.6	392	152.6	337	1600	63.0	6
	1372	54	1.76	2.3	1161	2,559	225.2	496	204.2	450	177.6	392	152.6	337	1600	63.0	6
Heavy Duty																	
High Capacity	760	30	0.96	1.3	1142	2,518	204.2	450	196.6	433	171.7	379	148.3	327	1765	69.5	4
5 . 5	914	36	1.19	1.6	1263	2,783	204.2	450	196.6	433	171.7	379	148.3	327	1765	69.5	4
	1067	42	1.41	1.8	1416	3,123	204.2	450	196.6	433	171.7	379	148.3	327	1765	69.5	5
	1219	48	1.64	2.1	1506	3,321	204.2	450	196.6	433	171.7	379	148.3	327	1765	69.5	6
	1372	54	1.87	2.4	1617	3,565	204.2	450	196.6	433	171.7	379	148.3	327	1765	69.5	6
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-execution applications. Smaller buckets are recommended for adverse conditions such as off-level applications, rocks, and uneven surfaces. Bucket capacity indicated is SAE heaped.

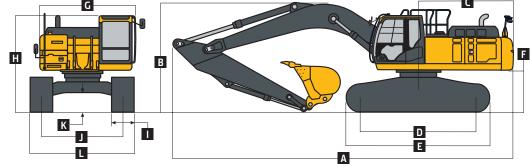
### 380G LC

Engine	380G LC		
Engine	Base engine for use in U.S. and U.S	Territorios	
Manufacturer and Model	John Deere PowerTech <sup>™</sup> PSS 9.0 L	. Territories	
Non-Road Emission Standard	EPA Final Tier 4/EU Stage IV		
Net Rated Power (ISO 9249)	202 kW (271 hp) at 1,900 rpm		
Cylinders	6		
Displacement	9.0 L (549 cu. in.)		
Off-Level Capacity	70% (35 deg.)		
Aspiration	Series turbocharged, air-to-air charg	je-air cooler	
Cooling			
Cool-on-demand hydraulic-driven, suctio	n-type fan with remote-mounted drive	2	
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	30 350 kg (66,900 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	One gear		
Maximum Rated Flow	30.2 L/m (8.0 gpm)		
Pressure Setting	3900 kPa (566 psi)		
System Operating Pressure			
Circuits			
Implement	34 300 kPa (4,975 psi)		
Travel	35 500 kPa (5,149 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 shuto	fflover
Cylinders	Fliot levels, short stroke, low-enort	flydraulic pilot controls with shuto	
cymuers	Bore	Rod Diameter	Stroke
De em (2)			
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.)
Electrical			
Number of Batteries (12 volt)	2		
Battery Capacity	1,400 CCA		
Alternator Rating	100 amp		
Work Lights	2 halogen (one mounted on boom, o	one on frame)	
Undercarriage			
Rollers (each side)			
Carrier	2		
Track	8		
Shoes, Triple Semi-Grousers (each side)	48		
Track			
Adjustment	Hydraulic		
Guides	3 per side		



I.B.	200010		
Ground Pressure	<b>380G LC</b>		
800-mm (32 in.) Triple Semi-Grouser Shoes	53.5 kPa (7.77 psi)		
Swing Mechanism	10.7		
Speed	10.7 rpm		
Torque	120 000 Nm (88,507 lbft.)		
Serviceability			
Refill Capacities Fuel Tank			
	628 L (166 gal.)		
Diesel Exhaust Fluid (DEF) Tank	35 L (9.3 gal.) 39.7 L (10.5 gal.)		
Cooling System Engine Oil with Filter			
5	27 L (7.2 gal.)		
Hydraulic Tank	193 L (51 gal.)		
Hydraulic System	290 L (77 gal.)		
Swing Drive	11.8 L (12.5 qt.)		
Gearbox			
Propel (each)	8.5 L (9.0 qt.)		
Pump Drive	1.1 L (1.2 qt.)		
Operating Weights			
		n (54 in.), 1160-kg (2,557 lb.) bucket; 4	.0-m (13 ft. 1 in.) arm; 7629-kg (16,819 lb.) counter-
weight; and 800-mm (32 in.) heavy-duty			
Operating Weight	38 100 kg (83,992 lb.)		
Component Weights			
Undercarriage, HD, with 800-mm	13 550 kg (29,872 lb.)		
(32 in.) HD Triple Semi-Grouser Shoes			
HD One-Piece Boom (with arm cylinder)	3500 kg (7,806 lb.)		
Arm with Bucket Cylinder and Linkage			
3.2 m (10 ft. 6 in.) HD	1957 kg (4,315 lb.)		
4.0 m (13 ft. 1 in.)	1898 kg (4,184 lb.)		
Boom-Lift Cylinders (2), Total Weight	624 kg (1,376 lb.)		
1.76-m³ (2.3 cu. yd.), 1370-mm (54 in.) HD Bucket	1160 kg (2,557 lb.)		
Counterweight, Standard	7629 kg (16,819 lb.)		
Operating Dimensions			
Arm Length	3.2 m (10 ft. 6 in.) HD	4.0 m (13 ft. 1 in.)	
Arm Digging Force			
SAE	177.6 kN (39,930 lb.)	152.6 kN (34,314 lb.)	
ISO	185.0 kN (41,590 lb.)	159.0 kN (35,745 lb.)	
Bucket Digging Force			
SAE	225.2 kN (50,628 lb.)	225.2 kN (50,628 lb.)	
ISO	246.0 kN (55,303 lb.)	246.0 kN (55,303 lb.)	
A Maximum Reach	11.10 m (36 ft. 5 in.)	11.86 m (38 ft. 11 in.)	
A <sup>1</sup> Maximum Reach at Ground Level	10.89 m (35 ft. 9 in.)	11.67 m (38 ft. 3 in.)	
B Maximum Digging Depth	7.38 m (24 ft. 3 in.)	8.18 m (26 ft. 10 in.)	
B <sup>I</sup> Maximum Digging Depth at 2.44-m (8 ft. 0 in.) Flat Bottom	7.21 m (23 ft. 8 in.)	8.04 m (26 ft. 5 in.)	
C Maximum Cutting Height	10.36 m (34 ft. 0 in.)	10.75 m (35 ft. 3 in.)	
D Maximum Dumping Height	7.24 m (23 ft. 9 in.)	7.63 m (25 ft. 0 in.)	
E Minimum Swing Radius	4.46 m (14 ft. 8 in.)	4.47 m (14 ft. 8 in.)	
F Maximum Vertical Wall	6.42 m (21 ft. 1 in.)	7.27 m (23 ft. 10 in.)	

Mach	nine Dimensions	380G LC		
Arm L	Length	3.2 (10 ft. 6 in.) HD	4.0 m (13 ft. 1 in.)	
A O	verall Length	11.20 m (36 ft. 9 in.)	11.29 m (37 ft. 1 in.)	
<b>B</b> O	verall Height	3.27 m (10 ft. 9 in.)	3.60 m (11 ft. 10 in.)	
C Re	ear-End Length/Swing Radius	3.60 m (11 ft. 10 in.)		
	istance Between Idler/Sprocket enterline	4.05 m (13 ft. 3 in.)		
E U	ndercarriage Length	4.94 m (16 ft. 2 in.)		
F Co	ounterweight Clearance	1.18 m (3 ft. 10 in.)		
G U	pperstructure Width	2.99 m (9 ft. 10 in.)		
H Ca	ab Height	3.17 m (10 ft. 5 in.)		
I Tr	rack Width	700 mm (28 in.) HD / 800 mm (32 in.) HD		
J Ga	auge Width	2.59 m (8 ft. 6 in.)		
K G	round Clearance	0.50 m (20 in.)		
L 0	verall Width with Shoes			
70	00 mm (28 in.) HD	3.29 m (10 ft. 10 in.)		
80	00 mm (32 in.) HD	3.39 m (11 ft. 2 in.)		
	7			C



### Lift Capacities

Boldface type indicates hydraulically limited capacity; lightface type indicates stability-limited capacities, in kg (lb.). All lift capacities are based on ISO 10567 (with power boost). Machine equipped with 1270-kg (2,800 lb.) bucket and 800-mm (32 in.) HD shoes; 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.

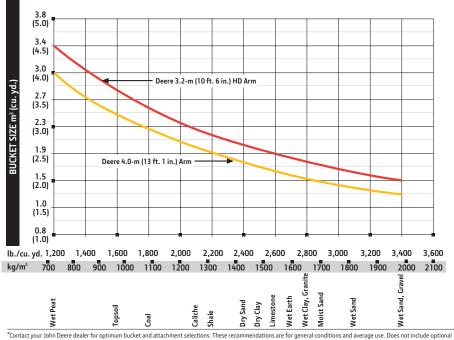
Load Point Height	1.5 m	(5 ft.)	3.0 m	10 ft.)	4.5 m	(15 ft.)	6.0 m (20 ft.)		7.5 m (25 ft.)		9.0 m (30 ft.)	
Horizontal Distance from												
Centerline of Rotation	Over Front	Over Side	Over Front	Over Side	Over Front	Over Side	Over Front	Over Side	Over Front	Over Side	Over Front	Over Side
With 3.2-m (10 ft. 6 in.) HD arm												
6.0 m (20 ft.)									7806	6710		
									(17,082)	(14,371)		
4.5 m (15 ft.)							9878	9578	8475	6515	6368	4579
						14.063	(21,357)	(20,618)	(18,430)	(13,985)	7/05	4470
3.0 m (10 ft.)					16 096	14 063	11 549	8981	9351	6241	7495	4479
					(34,555)	(30,342)	(24,944)	(19,352)	(20,278)	(13,410)	(16,066)	(9,578)
1.5 m (5 ft.)					18 594	13 091	12 991	8462	9974	5961	7360	4356
					(40,102)	(28,200)	(28,079)	(18,225)	(21,440)	(12,817)	(15,795)	(9,329)
Ground Line					19 348	12 683	13 792	8133	9747	5757	7262	4266
					(41,891)	(27,271)	(29,848)	(17,503)	(20,953)	(12,380)	(15,602)	(9,152)
–1.5 m (–5 ft.)			11 896	11 896	18 817	12 614	13 787	8003	9650	5670		
			(27,023)	(27,023)	(40,794)	(27,102)	(29,755)	(17,218)	(20,751)	(12,198)		
–3.0 m (–10 ft.)	14 227	14 227	19619	19619	17 190	12 755	12 828	8053	9604	5735		
	(31,928)	(31,928)	(44,624)	(44,624)	(37,195)	(27,413)	(27,670)	(17,335)	(20,489)	(12,369)		
–4.5 m (–15 ft.)			18 938	18 938	14 064	13113	10 310	8318				
		-	(40,693)	(40,693)	(30,129)	(28,219)	(21,788)	(17,958)				
With 4.0-m (13 ft. 1 in.) arm												
7.5 m (25 ft.)									(1/ 562)	(14 562)		
( ) () () () () () () () () () () () ()									(14,562)	(14,562)	5716	1050
6.0 m (20 ft.)									6939	6939	5716	4868
									(15,179)	(14,954)	(11,000)	(10,368)
4.5 m (15 ft.)									7721	6752	7114	4789
2.0 (10.6.)					14.200	14.200	10 500	0222	(16,795)	(14,497)	(15,557)	(10,238)
3.0 m (10 ft.)					14 260	14 260	10 586	9333	8725	6451	7629	4642
					(30,632)	(30,632)	(22,873)	(20,101)	(18,928)	(13,862)	(16,451)	(9,938)
1.5 m (5 ft.)					17 458	13 633	12 311	8747	9704	6133	7490	4478
Crowed Line			6730	6720	(37,630)	(29,362) 12 967	(26,612)	(18,836)	(21,034)	(13,184)	(16,079)	(9,597)
Ground Line			(15,403)	6730 (15,403)	19 133	(27,888)	13 503	8322 (17,910)	9874 (222-12)	5875	7341	4342 (9,311)
1.5	6700	6700			(41,379)		(29,220)		(21,222)	(12,630)	(15,767)	
–1.5 m (–5 ft.)	6799 (15,210)	6799	10 863	10 863	19 370	12 713 (27,321)	13 946	8095	9704	5722	7261	4268
20		(15,210)	(24,660)	(24,660)	(41,953)		(29,966)	(17,412)	(20,858)	(12,303) 5694	(15,610)	(9,166)
–3.0 m (–10 ft.)	11 387 (25,561)	11 387 (25,561)	16 293	16 293 (36,911)	18 425	12 723 (27,341)	13 529 (29,232)	8047 (17,314)	9672	5694 (12,255)		
([(][]])			(36,911)		(39,871)				(20,804)			
–4.5 m (–15 ft.)	16 888	16 888	22 921	22 921	16 178	12 944	11 969	8177 (17,618)	8663	5840		
–6.0 m (–20 ft.)	(37,963)	(37,963)	(49,377)	(49,377)	(34,814)	(27,840)	(25,643)		(18,124)	(12,627)		
-0.0 m (-20 m.)			16 336 (34,418)	16 336 (34,418)	11 807 (24,741)	11 807 (24,741)	7965	7965				
			(54,410)	(54,410)	(27,741)	(27,741)						

### **Buckets**

### 380G 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 Fanggs<sup>™</sup> teeth or ESCO 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.

Type Bucket	Bucl Wid			icket Dacity		:ket ight	Buc Dig F		Arm Force (10 ft. 6	3.2 m	Arm Force (13 ft.	4.0 m	Buc Tip Ra		Number of Teeth
	mm	in.	m <sup>3</sup>	cu. yd.	kg	lb.	kN	lb.	kN	lb.	kN	lb.	mm	in.	
Heavy Duty															
Plate Lip	914	36	1.13	1.5	971	2,140	225.2	496	177.6	392	152.6	337	1600	63.0	4
	1067	42	1.34	1.7	1003	2,212	225.2	496	177.6	392	152.6	337	1600	63.0	5
	1219	48	1.55	2.0	1055	2,326	225.2	496	177.6	392	152.6	337	1600	63.0	6
	1372	54	1.76	2.3	1161	2,559	225.2	496	177.6	392	152.6	337	1600	63.0	6
Heavy Duty															
High Capacity	760	30	0.96	1.3	1142	2,518	204.2	450	171.7	379	148.3	327	1765	69.5	4
	914	36	1.19	1.6	1263	2,783	204.2	450	171.7	379	148.3	327	1765	69.5	4
	1067	42	1.41	1.8	1416	3,123	204.2	450	171.7	379	148.3	327	1765	69.5	5
	1219	48	1.64	2.1	1506	3,321	204.2	450	171.7	379	148.3	327	1765	69.5	6
	1372	54	1.87	2.4	1617	3,565	204.2	450	171.7	379	148.3	327	1765	69.5	6
Bucket Selection	Bucket Selection Guide*														



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-execuation 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

350G	380G	Engine
•	•	Auto-idle system
•	•	Automatic belt-tension device
•	•	Batteries (2 – 12 volt)
		Coolant recovery tank
٠	•	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
•		5 5
•		Cool-on-demand hydraulic-driven fan
•	•	500-hour engine-oil-change interval
•	•	70% (35 deg.) off-level capability
•	•	Engine-oil-sampling valve
<b>A</b>	<b>A</b>	Chrome exhaust stack
		Electric ether starting aid
		Hydraulic fan reverser
		Engine coolant heater
		Severe-duty fuel filter
		Hydraulic System
•	•	Reduced-drift valve for boom down, arm in
		Auxiliary hydraulic valve section
•	٠	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
		Load-lowering control / Anti-drift device
		Single-pedal propel control
		Control pattern change valve
		Undercarriage
•		Planetary drive with axial piston motors
		Propel motor shields
		Spring-applied, hydraulically released
	-	automatic propel brake
		Track guides, front idler and 3 additional
		2-speed propel with automatic shift
		Upper carrier rollers (2)
		Sealed and lubricated track chain
•	•	Triple semi-grouser shoes, 600 mm
•		(24 in.) Triple semi-grouser shoes, 700 mm
		(28 in.)

**Key:** ● Standard ▲ Optional or special

350G	380G	Undercarriage (continued)
•	•	Single-bar shoes, 700 mm (28 in.) Heavy Duty (HD)
•		Triple semi-grouser shoes, 800 mm (32 in.)
	٠	Triple semi-grouser shoes, 800 mm (32 in.) HD
		Undercarriage frame opening guard
		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
		"D" channel guard
		Front Attachments
•	•	Centralized lubrication system
•	•	Dirt seals on all bucket pins
•	•	Less boom and arm
•	•	Oil-impregnated bushings
•		Reinforced resin thrust plates Tungsten carbide thermal coating on
•	•	arm-to-bucket joint
		Arm, 2.67 m (8 ft. 9 in.)
		Arm, 3.2 m (10 ft. 6 in.)
	<b></b>	Arm, 3.2 m (10 ft. 6 in.) HD Arm, 4.0 m (13 ft. 1 in.)
		Attachment quick-couplers
		Boom cylinder with plumbing to main-
	_	frame for less boom and arm
<b></b>	<b></b>	Buckets: Heavy duty / Heavy-duty high capacity / Side cutters and teeth
		Material clamps
		Super-long fronts
		Operator's Station Adjustable independent-control posi-
•	•	tions (levers-to-seat, seat-to-pedals) AM/FM radio
•		Auto climate control/air conditioner/
•	•	heater/pressurizer
•	•	Built-in Operator's Manual storage compartment and manual
•	•	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 intermit- tent speeds
•	•	Gauges (illuminated): Diesel Exhaust Fluid (DEF) / Engine coolant / Fuel
		Horn, electric

Hourmeter, electric

See your John Deere dealer for further information.

350G 3800	<b>Operator's Station</b> (continued)
	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 auto- matic 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 indi- cator light with audible alarm, engine oil pressure indicator light with audible alarm, low-alternator-charge indicator light, low-fuel indicator light, low DEF indication with audible alarm, fault code alert indicator, fuel-rate display, wiper- mode indicator, work-lights-on indicator, and work-mode indicator
• •	Motion alarm with cancel switch (con- forms 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
	Air-suspension heated seat
	Hydraulic oil filter restriction indicator light
	Protection screens for cab front, rear, and side
	Seat belt, 76 mm (3 in.), non-retractable
	Window vandal-protection covers
	Electrical
• •	100-amp alternator
• •	Blade-type multi-fused circuits
• •	Positive-terminal battery covers
• •	JDLink <sup>™</sup> wireless communication system (available in specific countries; see your dealer for details)
	Rearview camera
	Cab extension wiring harness
	Lights
• •	Work lights: Halogen / One mounted on boom / One mounted on frame
	2 lights mounted on cab / One mounted on right side of boom / One mounted

under engine hood



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 1370-mm (54 in.) buckets, full fuel tanks, and 79-kg (175 lb.) operators; a 350G LC unit with 6928-kg (15,274 lb.) counterweight and 800-mm (32 in.) triple semi-grouser shoes; and a 380G LC unit with 7629-kg (16,819 lb.) counterweight and 800-mm (32 in.) heavy-duty triple semi-grouser shoes.

JohnDeere.com

# Put more work within reach.

Whether you're loading trucks, digging trenches, demolishing structures, or placing pipe, you'll get more done with our G-Series Excavators. Their rugged EPA Interim Tier 4 (IT4)/EU Stage IIIB PowerTech<sup>™</sup> diesel engines meet rigid emission regulations, enabling you to work, everywhere there's work, even in nonattainment areas. Customer-inspired refinements include a more comfortable, spacious cab. And an enhanced LCD monitor with simplified navigation that lets an operator easily dial-in a wealth of machine information and functionality. Exceptional power, smoothness, and ease of operation — the 350G LC and 380G LC deliver all you've come to expect in a John Deere excavator. And then some.

Net rated power Operating weight Lifting capacity Maximum digging depth Arm digging force

Bucket digging force

### **350G LC** 202 kW (271 hp) 34 726 kg (76,557 lb.) 12 851 kg (28,331 lb.)

8.18 m (26 ft. 10 in.) 152.6–159.0 kN (34,314–35,745 lb.) 225.2–246.0 kN (50,628–55,303 lb.) 380G LC 202 kW (271 hp) 37 200 kg (82,012 lb.) 13 254 kg (29,220 lb.) 8.18 m (26 ft. 10 in.) 152.6–159.0 kN (34,314–35,745 lb.) 225.2–246.0 kN (50,628–55,303 lb.)

With John Deere WorkSight™, JDLink™ monitoring provides real-time machine utilization and health data, plus location information. FleetCare proactively suggests maintenance to correct problems early before they turn into costly downtime. And Service ADVISOR™ Remote enables your dealer to read diagnostic codes, record performance data, and even update software without a trip to the jobsite. It's the most comprehensive, easy-to-use suite of technology available for increasing uptime and productivity while lowering operating costs. And it's only available from John Deere.

The IT4/Stage IIIB technology utilized in our PowerTech diesel engines is simple, fuel efficient, fully integrated, and fully supported.

JOHN DEERE

With unsurpassed visibility, a large entryway, generous legroom, and a supportive high-back seat, the G-Series' spacious cab delivers daylong convenience and comfort.

1

Highly efficient hydraulically driven fan runs only as needed, reducing noise, fuel consumption, and operating costs. Reversing option automatically backblows cooler cores to keep them clean.

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

Need extra stability or lift capacity? Opt for the 380G LC. Its standard heavy-duty boom, 3.2-m (10 ft. 6 in.) arm, and undercarriage provide the stamina and strength to handle demanding tasks in pipeline, demolition, and scrap-handling tasks.

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

# Work harder. And smarter.

Who says you have to choose between working harder and working smarter? With our enhanced engine/hydraulic management system commanding more hydraulic muscle, these excavators do both — putting that extra ability to work with typically smooth operation and finesse. Add to these other John Deere advantages such as three power modes, power boost, and JDLink, and this excavator provides everything you need to give productivity an extra push. Combining brawn and brains, our G-Series Excavators are a wise choice.

Powerwise III 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.

3800



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

5

 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' refined 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 increased 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 needed to do your best work.



With large self-cleaning steps and wide entryways, getting to and from "the office" has never been easier.

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

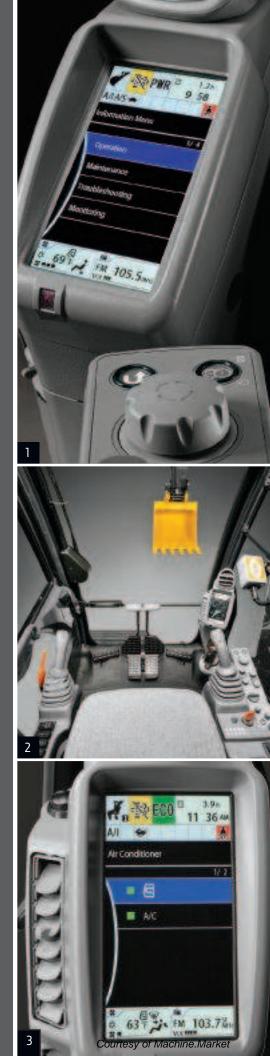
We've got your back with a sculpted mechanical-suspension high-back seat. Seat has 267 mm (10½ in.) of travel, sliding together or independent of the joystick console. So it won't cramp an operator's style. For even more support and comfort, opt for the air-suspension heated seat.

Ergonomically correct short-throw pilot levers provide smooth, predictable fingertip control with less movement or effort. Push buttons in the right lever allow fingertip control of auxiliary hydraulic flow for operating attachments.

No shortage of storage in here. There's a place for a cooler, cup holders, and even a hot/cold box that keeps beverages at just the right temperature.

Optional cab and right-side boom lights provide extra illumination to extend your workday beyond 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. If you need to see more, choose the optional camera that displays the action behind on the monitor.
- **3.** Automatic, high-velocity bi-level climatecontrol system with automotive-style adjustable louvers helps keep the glass clear and the cab comfortable.



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

When you've got places to go, people to see, and schedules to keep, you need dependable workers like these. Built to deliver unsurpassed uptime, these go-getters employ many of the same job-proven digging structures and hydraulic, electrical, and undercarriage components as their highly regarded predecessors. You'll also continue to profit from durability-enhancing "extras" such as tungsten-carbidecoated 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.

Tungsten-carbide coating creates an extremely wear-resistant surface to protect the all-important bucketto-arm joint. Oil-impregnated bushings enhance durability and extend grease intervals to 500 hours for the arm-and-boom joint and 100 hours for the bucket joint.

- 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.

9

- **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.



## Seeking simplified maintenance? You'll be a big fan of the G-Series.

Swing open the side panels and you'll discover many of the numerous ways this excavator can minimize maintenance, increase uptime, and reduce daily operating costs. Take the heavy-duty cooling system, for example. Its hydraulically driven fan runs only as fast or 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 — with time- and money-saving advantages such as these, there's more to like.

Perforations in the hood and side shields serve as a "first filter," helping prevent trash entry. Anything that passes through will also clear the cooler cores.

Optional reversing fan back-blows cooler cores to reduce debris buildup. It's a welcome addition that helps increase uptime. Auto-idle automatically reduces engine speed when hydraulics aren't in use. Auto-shutdown further preserves precious fuel.

EPA IT4/EU Stage IIIB diesel particulate filter is easily removed through the top of the engine compartment. Minimum service interval is 4,500 hours, and can be done by your John Deere dealer.

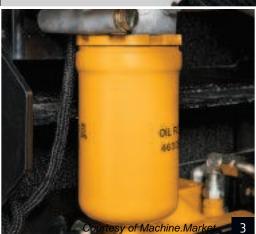


### **Engine Oil Filter**

Previous Maintenance 2012/11/05 0.0h Remains 498.8h

Maintenance Interval 500.0h





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

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

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

- **1.** Easy-to-navigate LCD monitor issues scheduled maintenance alerts. Should a problem arise, it provides diagnostic information to help decrease downtime.
- **2.** Fluid-sample and remote diagnostic ports help speed preventative maintenance and troubleshooting.
- 3. Vertical spin-on engine oil and fuel filters are conveniently located in the right rear compartment for easy ground-level servicing.
- 4. Ground-level 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. Cooler cores' 10-fin-per-inch spacing lets trash easily pass to resist plugging. Hinged, swing-out coolers provide added core access.







# 350G LC

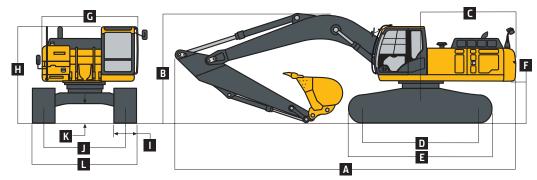
Engine	350G LC		
	Base engine for use in U.S., U.S. Territories, and Canada	Optional engine for use outside the U.S. and U.S. Territories	Optional engine for use outside the U.S., U.S. Territories, and Canada
Manufacturer and Model	John Deere PowerTech™ PSX 9.0 L	John Deere PowerTech™ Plus 9.0 L	John Deere PowerTech™ 9.0 L
Non-Road Emissions Standard	EPA Interim Tier 4/EU Stage IIIB	EPA Tier 3/EU Stage IIIA	EPA Tier 2/EU Stage II
Net Rated Power (ISO 9249)	202 kW (271 hp) at 1,900 rpm	202 kW (271 hp) at 1,900 rpm	202 kW (271 hp) at 1,900 rpm
Cylinders	6	6	6
Displacement	9.0 L (549 cu. in.)	9.0 L (549 cu. in.)	9.0 L (549 cu. in.)
Off-Level Capacity	70% (35 deg.)	70% (35 deg.)	70% (35 deg.)
Aspiration	Turbocharged, air-to-air charge-air	Turbocharged, air-to-air charge-air	Turbocharged, air-to-air charge-air
	cooler	cooler	cooler
Cooling			
Cool-on-demand hydraulic-driven, suctio	on-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	29 200 kg (64,375 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	One 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	35 500 kPa (5,149 psi)		
Swing	33 300 kPa (4,830 psi)		
Power Boost	38 000 kPa (5,511 psi)		
Controls	Pilot levers, short stroke, low-effort hy	draulic 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.)
Electrical	2		
Number of Batteries (12 volt)	2		
Battery Capacity	1,400 CCA		
Alternator Rating	100 amp		
Work Lights	2 halogen (one mounted on boom, on	e on name)	
Undercarriage			
Rollers (each side)	2		
Carrier	2		
Track	8		
Shoes, Triple Semi-Grousers (each side)	48		
Track	Hudeoulie		
Adjustment	Hydraulic 2 par cida		
Guides	3 per side Sealed and lubricated		
Chain	Sealed and lubricated		

der 64



Ground Pressure	350G LC			
800-mm (32 in.) Triple Semi-Grouser Shoes				
Swing Mechanism				
Speed	10.7 rpm			
Torque	120 000 Nm (88,507 lb	ft.)		
Serviceability				
Refill Capacities				
Fuel Tank	628 L (166 gal.)			
Cooling System	39.7 L (10.5 gal.)			
Engine Oil with Filter	27 L (7.2 gal.)			
Hydraulic Tank	193 L (51 gal.)			
Hydraulic System	290 L (77 gal.)			
Swing Drive	11.8 L (12.5 qt.)			
Gearbox	, , , ,			
Propel (each)	8.5 L (9.0 qt.)			
Pump Drive	1.1 L (1.2 qt.)			
Operating Weights				
	or; 1.76-m³ (2.3 cu. yd.), 13	70-mm (54 in.), 1160-kg (2,	557 lb.) bucket; 4.0-m (13 f	t. 1 in.) arm; 6928-kg (15,274 lb.) counterweight;
and 800-mm (32 in.) triple semi-grouser s				
Operating Weight	34 726 kg (76,557 lb.)			
Component Weights	5,			
Undercarriage with 800-mm (32 in.)	12 710 kg (28,020 lb.)			
Triple Semi-Grouser Shoes	5.			
One-Piece Boom (with arm cylinder)	3031 kg (6,682 lb.)			
Arm with Bucket Cylinder and Linkage	5			
2.66 m (8 ft. 9 in.)	1649 kg (3,635 lb.)			
3.2 m (10 ft. 6 in.)	1758 kg (3,876 lb.)			
4.0 m (13 ft. 1 in.)	1898 kg (4,184 lb.)			
Boom-Lift Cylinders (2), Total Weight	624 kg (1,376 lb.)			
1.76-m <sup>3</sup> (2.3 cu. yd.), 1370-mm (54 in.)	1160 kg (2,557 lb.)			
Heavy-Duty Bucket	-			
Counterweight, Standard	6928 kg (15,274 lb.)			
Operating Dimensions				
Arm Length	2.66 m (8 ft. 9 in.)	3.2 m (10 ft. 6 in.)	4.0 m (13 ft. 1 in.)	
Arm Digging Force				
SAE	204.2 kN (45,914 lb.)	177.6 kN (39,930 lb.)	152.6 kN (34,314 lb.)	
ISO	222.0 kN (49,908 lb.)	185.0 kN (41,590 lb.)	159.0 kN (35,745 lb.)	
Bucket Digging Force				
SAE	225.2 kN (50,628 lb.)	225.2 kN (50,628 lb.)	225.2 kN (50,628 lb.)	
ISO	246.0 kN (55,303 lb.)	246.0 kN (55,303 lb.)	246.0 kN (55,303 lb.)	
Lifting Capacity Over Front at	12 790 kg (28,197 lb.)	12 800 kg (28,219 lb.)	12 851 kg (28,331 lb.)	
Ground Level 6.1-m (20 ft.) Reach				
(with power boost)				
A Maximum Reach	10.57 m (34 ft. 8 in.)	11.10 m (36 ft. 5 in.)	11.86 m (38 ft. 11 in.)	
A <sup>1</sup> Maximum Reach at Ground Level	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	6.84 m (22 ft. 5 in.)	7.38 m (24 ft. 3 in.)	8.18 m (26 ft. 10 in.)	
BI Maximum Digging Depth at 2.44-m	6.64 m (21 ft. 9 in.)	7.21 m (23 ft. 8 in.)	8.04 m (26 ft. 5 in.)	B B F
(8 ft. 0 in.) Flat Bottom				
C Maximum Cutting Height	9.99 m (32 ft. 9 in.)	10.36 m (34 ft. 0 in.)	10.75 m (35 ft. 3 in.)	
<b>D</b> Maximum Dumping Height	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	4.61 m (15 ft. 1 in.)	4.46 m (14 ft. 8 in.)	4.47 m (14 ft. 8 in.)	
F Maximum Vertical Wall	5.51 m (18 ft. 1 in.)	6.42 m (21 ft. 1 in.)	7.27 m (23 ft. 10 in.)	¥ *
G Tail-Swing Radius	3.60 m (11 ft. 10 in.)	3.60 m (11 ft. 10 in.)	3.60 m (11 ft. 10 in.)	

M	achine Dimensions	350G LC
Α	Overall Length	
	2.66 m (8 ft. 9 in.)	11.33 m (37 ft. 2 in.)
	3.2 m (10 ft. 6 in.)	11.20 m (36 ft. 9 in.)
	4.0 m (13 ft. 1 in.)	11.29 m (37 ft. 1 in.)
В	Overall Height	
	2.66 m (8 ft. 9 in.)	3.47 m (11 ft. 5 in.)
	3.2 m (10 ft. 6 in.)	3.27 m (10 ft. 9 in.)
	4.0 m (13 ft. 1 in.)	3.60 m (11 ft. 10 in.)
С	Rear-End Length/Swing Radius	3.60 m (11 ft. 10 in.)
D	Distance Between Idler/Sprocket	4.05 m (13 ft. 3 in.)
	Centerline	
Е	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.)
н	Cab Height	3.14 m (10 ft. 4 in.)
	Track Width with Shoes	600 mm (24 in.) / 700 mm (28 in.) / 800 mm (32 in.)
J	Gauge Width	2.59 m (8 ft. 6 in.)
Κ	Ground Clearance	0.50 m (20 in.)
L	Overall Width with 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 Boldface type indicates hydraulically limited capacity; lightface type indicates stability-limited capacities, in kg (lb.). All lift capacities are based on ISO 10567 (with power boost). Machine equipped with 1170-kg (2,580 lb.) bucket and 800-mm (32 in.) shoes; 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

1.5 m	(5 ft.) Over Side	3.0 m (	(10 ft.) Over Side	4.5 m ( Over Front 14 206 (30,447)	(15 ft.) Over Side 14 021	6.0 m ( Over Front 9496 (20,636) 10 894	<b>Over Side</b> 9213 (19,803)	7.5 m ( Over Front 8705 (19,093)	25 ft.) Over Side 6162 (13,179)	9.0 m ( Over Front	30 ft.) Over Side
r Front	Over Side	Over Front	Over Side	14 206		9496 (20,636)	9213 (19,803)	8705	6162	Over Front	Over Side
r Front	Over Side	Over Front	Over Side	14 206		9496 (20,636)	9213 (19,803)	8705	6162	Over Front	Over Side
					14 021	(20,636)	(19,803)				
					14 021	(20,636)	(19,803)				
					14 02 1			(19,093)	(13 179)		
					14 021	10.00/					
				(30,447)			8801	9279	6021		
					(30,255)	(23,562)	(18,960)	(20,190)	(12,922)		
				17 742	12 827	12 506	8285	9573	5798		
				(38,067)	(27,693)	(27,011)	(17,857)	(20,571)	(12,462)		
						13 399	7868	9319	5570		
				(36,850)	(26,125)	(28,794)	(16,949)	(20,037)	(11,982)		
								(19,617)	(11,605)		
						(27,142)	(16,540)				
		(35,354)	(35,354)	(27,209)	(27,027)						
											1260
										6425	4268
											4180
											(8,936)
											4069
											(8,714)
											3988
		11.050	11.056		,					(14,592)	(8,553)
. 200	14 200										
.,040)	(52,048)							(19,008)	(11,560)		
	4 280 2,048)			(28,545) (28,545) 21 868 21 868 (47,544) (47,544) 16 500 16 500 (35,354)	(28,545) (28,545) (40,705) 21 868 21 868 16 665 (47,544) (47,544) (36,066) 16 500 16 500 12 776 (35,354) (35,354) (27,209)	(42,867)       (25,647)         12 495       12 495       18 754       11 959         (28,545)       (28,545)       (40,705)       (25,693)         21 868       21 868       16 665       12 147         (47,544)       (47,544)       (36,066)       (26,109)         16 500       16 500       12 776       12 551         (35,354)       (35,354)       (27,209)       (27,027)         (35,354)       (35,354)       (27,209)       (27,027)         (41,053)       (26,492)       19 033       12 300         (41,053)       (26,492)       19 818       11 930         (42,912)       (25,649)       11 956       19 291       11 864         (27,138)       (27,138)       (41,824)       (25,490)         4 280       14 280       19 673       19 673       17 649       11 988         2,048)       (32,048)       (44,674)       (38,194)       (25,762)         19 521       14 491       12 307	(42,867)       (25,647)       (28,197)         12 495       12 495       18 754       11 959       13 059         (28,545)       (28,545)       (40,705)       (25,633)       (28,045)         21 868       21 868       16 665       12 147       12 606         (47,544)       (47,544)       (36,066)       (26,109)       (27,142)         16 500       16 500       12 776       12 551       (35,354)       (27,209)       (27,027)         IO 108         (21,858)       16 457       13 179       11 834         (21,858)       16 457       13 179       11 834         (21,858)       16 457       13 179       11 834         (21,858)       16 457       13 179       11 834         (21,858)       12 200       13 321       (41,053)       (26,492)       (28,796)         19 913       12 300       13 140       (42,912)       (25,649)       (28,219)         11 956       11 956       19 291       11 864       13 002         (27,138)       (27,138)       (41,824)       (25,490)       (27,916)         4 280       14 280       19 673       19 673       17 649       11 988       13 05	(42,867)       (25,647)       (28,197)       (16,432)         12 495       12 495       18 754       11 959       13 059       7575         (28,545)       (28,545)       (40,705)       (25,693)       (28,045)       (16,301)         21 868       21 868       16 665       12 147       12 606       7679         (47,544)       (47,544)       (36,066)       (26,109)       (27,142)       (16,540)         16 500       16 500       12 776       12 551       15       15       16         35,354)       (35,354)       (27,209)       (27,027)       16       8940         (21,858)       (19,242)       16 457       13 179       11 834       8402         (35,331)       (28,428)       (25,561)       (18,102)       19 033       12 300       13 321       7933         (41,053)       (26,492)       (28,279)       (17,084)       19 033       13 140       7635         (42,912)       (25,649)       (28,219)       (16,430)       13 140       7635         (42,912)       (25,649)       (28,219)       (16,430)       13 140       7635         (42,912)       (25,649)       (28,219)       (16,430)       13 140 <t< td=""><td>(42,867)       (25,647)       (28,197)       (16,432)       (19,685)         12 495       12 495       18 754       11 959       13 059       7575       9117         (28,545)       (28,545)       (40,705)       (25,693)       (28,045)       (16,301)       (19,617)         21 868       21 868       16 665       12 147       12 606       7679       (16,540)         (47,544)       (47,544)       (36,066)       (26,109)       (27,142)       (16,540)       (17,528)         16 500       16 500       12 77,209)       (27,027)       (16,540)       (17,528)         10 108       8940       8700       (21,858)       (19,242)       (18,923)         16 507       13 179       11 834       8402       9604         (21,858)      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(27,027)       (17,528)       (13,381)       (13,042)       (13,042)         (11,552)       (11,553)       (11,553)       (12,776)       12,1551       (11,558)       (19,242)       (18,923)       (13,042)         (11,553)       (11,513)       (28,428)       (25,561)       (18,102)       (20,664)       (12,529)         (11,995)       11,933       12,300       13,140       7635       9132       5395         (11,956)       11,956       19,291       11,864       13,002       7516       9042       5314         (11,995)       11,956       19,291       11,864</td><td>12       12       495       12       495       12       495       18       754       11       959       13       059       7575       9117       5389         12       495       12       495       18       756       9117       5389       11       6500       11       6665       12       14       12       606       7679       11       16       500       16       500       16       500       16       500       12       17       12       606       7679       12       16       500       16       500       12       77       12       16       500       16       500       12       77       12       16       500       16       500       12       702       16       16       500       16       500       16       500       16       500       16       500       16       500       16       500       16       500       16       500       16       500       16       500       16       500       16       500       16       500       16       500       16       500       16       500       16       500       16       50       13</td></t<>	(42,867)       (25,647)       (28,197)       (16,432)       (19,685)         12 495       12 495       18 754       11 959       13 059       7575       9117         (28,545)       (28,545)       (40,705)       (25,693)       (28,045)       (16,301)       (19,617)         21 868       21 868       16 665       12 147       12 606       7679       (16,540)         (47,544)       (47,544)       (36,066)       (26,109)       (27,142)       (16,540)       (17,528)         16 500       16 500       12 77,209)       (27,027)       (16,540)       (17,528)         10 108       8940       8700       (21,858)       (19,242)       (18,923)         16 507       13 179       11 834       8402       9604         (21,858)       (19,242)       (18,923)       (22,656)       (17,184)       (20,070)         19 033       12 300       13 321       7933       9338       (42,912)       (25,649)       (28,279)       (16,430)       (19,628)         11 956       11 956       19 291       11 864       13 002       7516       9042         (27,138)       (27,138)       (41,824)       (25,649)       (28,219)       (16,430)	(42,867)       (25,647)       (28,197)       (16,432)       (19,685)       (11,666)         (28,545)       (28,545)       (28,545)       (40,705)       (25,633)       (28,045)       (16,301)       (19,617)       (11,605)         (28,545)       (28,545)       (28,545)       (40,705)       (25,633)       (28,045)       (16,301)       (19,617)       (11,605)         (47,544)       (47,544)       (36,066)       (26,109)       (27,142)       (16,540)       (16,540)       (16,540)       (16,540)       (16,540)       (17,528)       (13,381)         (10,53,354)       (35,354)       (27,209)       (27,027)       (17,528)       (13,381)       (13,042)       (13,042)         (11,552)       (11,553)       (11,553)       (12,776)       12,1551       (11,558)       (19,242)       (18,923)       (13,042)         (11,553)       (11,513)       (28,428)       (25,561)       (18,102)       (20,664)       (12,529)         (11,995)       11,933       12,300       13,140       7635       9132       5395         (11,956)       11,956       19,291       11,864       13,002       7516       9042       5314         (11,995)       11,956       19,291       11,864	12       12       495       12       495       12       495       18       754       11       959       13       059       7575       9117       5389         12       495       12       495       18       756       9117       5389       11       6500       11       6665       12       14       12       606       7679       11       16       500       16       500       16       500       16       500       12       17       12       606       7679       12       16       500       16       500       12       77       12       16       500       16       500       12       77       12       16       500       16       500       12       702       16       16       500       16       500       16       500       16       500       16       500       16       500       16       500       16       500       16       500       16       500       16       500       16       500       16       500       16       500       16       500       16       500       16       500       16       500       16       50       13

### Lift Capacities (continued) 350G LC

Boldface type indicates hydraulically limited capacity; lightface type indicates stability-limited capacities, in kg (lb.). All lift capacities are based on ISO 10567 (with power boost). Machine equipped with 1170-kg (2,580 lb.) bucket and 800-mm (32 in.) shoes; 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 peeded to tip machine.

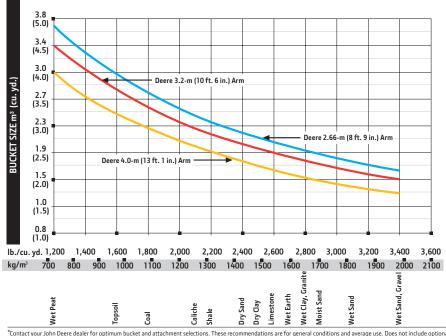
Load Point Height	1.5 m	(5 ft.)	3.0 m (	10 ft.)	4.5 m	(15 ft.)	6.0 m (	20 ft.)	7.5 m (	25 ft.)	9.0 m (	30 ft.)
Horizontal Distance from												
Centerline of Rotation	Over Front	Over Side										
With 4.0-m (13 ft. 1 in.) arm												
7.5 m (25 ft.)												
									(14,716)	(13,856)		
6.0 m (20 ft.)									7015	6409	5727	4442
									(15,348)	(13,734)	(11,021)	(9,453)
4.5 m (15 ft.)									7813	6203	7212	4370
									(16,997)	(13,312)	(15,462)	(9,335)
3.0 m (10 ft.)					14 409	13717	10 708	8612	8838	5923	7070	4234
					(30,952)	(29,563)	(23,138)	(18,543)	(19,174)	(12,721)	(15,160)	(9,058)
1.5 m (5 ft.)					17 673	12 624	12 469	8065	9401	5626	6904	4082
					(38,094)	(27,185)	(26,955)	(17,362)	(20,198)	(12,090)	(14,815)	(8,741)
Ground Line			6735	6735	19 386	12 004	13 195	7669	9133	5386	6766	3955
			(15,416)	(15,416)	(41,927)	(25,812)	(28,331)	(16,500)	(19,623)	(11,573)	(14,526)	(8,476)
–1.5 m (–5 ft.)	6807	6807	10 880	10 880	19 638	11769	12 949	7458	8974	5244	6692	3887
	(15,227)	(15,227)	(24,662)	(24,662)	(42,536)	(25,286)	(27,797)	(16,037)	(19,285)	(11,269)	(14,381)	(8,342)
–3.0 m (–10 ft.)	11 398	11 398	16 291	16 291	18 694	11 779	12 899	7414	8945	5218		
	(25,572)	(25,572)	(36,941)	(36,941)	(40,455)	(25,307)	(27,693)	(15,947)	(19,236)	(11,226)		
–4.5 m (–15 ft.)	16 873	16 873	23 293	23 293	16 436	11 987	12 165	7536	8817	5356		
	(38,021)	(38,021)	(50,183)	(50,183)	(35,373)	(25,775)	(26,067)	(16,233)	(18,456)	(11,576)		
–6.0 m (–20 ft.)			16 669	16 669	12 038	12 038	8137	7927				
			(35,135)	(35,135)	(25,239)	(25,239)						

### Buckets

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 Fanggs<sup>™</sup> teeth or ESCO 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.

									Arm Di	g Force	Arm Di	g Force	Arm Di	g Force			
Type Bucket	Bucket	Width	Bucket	Capacity	Bucket	Weight	Bucket D	)ig Force	2.66 m (8	ft. 9 in.)	3.2 m (10	) ft. 6 in.)	4.0 m (13	ft. 1 in.)	Bucket Ti	p Radius	Number of Teet
	mm	in.	<b>m</b> <sup>3</sup>	cu. yd.	kg	lb.	kN	lb.	kN	lb.	kN	lb.	kN	lb.	mm	in.	
Heavy Duty																	
Plate Lip	915	36	1.13	1.5	971	2,140	225.2	496	204.2	450	177.6	392	152.6	337	1600	63.0	4
	1065	42	1.34	1.7	1003	2,212	225.2	496	204.2	450	177.6	392	152.6	337	1600	63.0	5
	1220	48	1.55	2.0	1055	2,326	225.2	496	204.2	450	177.6	392	152.6	337	1600	63.0	6
	1372	54	1.76	2.3	1161	2,559	225.2	496	204.2	450	177.6	392	152.6	337	1600	63.0	6
Heavy Duty																	
High Capacity	760	30	0.96	1.3	1142	2,518	204.2	450	196.6	433	171.7	379	148.3	327	1765	69.5	4
	915	36	1.19	1.6	1263	2,783	204.2	450	196.6	433	171.7	379	148.3	327	1765	69.5	4
	1065	42	1.41	1.8	1416	3,123	204.2	450	196.6	433	171.7	379	148.3	327	1765	69.5	5
	1220	48	1.64	2.1	1506	3,321	204.2	450	196.6	433	171.7	379	148.3	327	1765	69.5	6
	1372	54	1.87	2.4	1617	3,565	204.2	450	196.6	433	171.7	379	148.3	327	1765	69.5	6
<b>Bucket</b> Selecti	on Guide	e i i															

### 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-execution applications such as mass-execution 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.

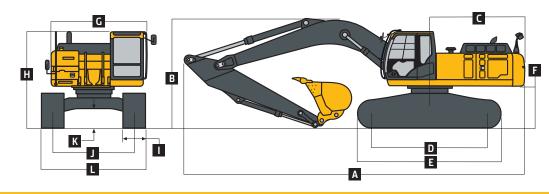
### 380G LC

Engine	380G LC		
	Base engine for use in U.S., U.S. Territories	s, and Canada	Optional engine for use outside the U.S. and U.S. Territories
Manufacturer and Model	John Deere PowerTech™ PSX 9.0 L		John Deere PowerTech™ Plus 9.0 L
Non-Road Emissions Standard	EPA Interim Tier 4/EU Stage IIIB		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, suctio	n-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	29 200 kg (64,375 lb.)		
Hvdraulics			
Open center, load sensing			
Main Pumps	2 variable-displacement pumps		
Maximum Rated Flow	288 L/m (76.1 gpm) x 2		
Pilot Pump	One gear		
Maximum Rated Flow	34 L/m (8.9 gpm)		
Pressure Setting	3900 kPa (566 psi)		
System Operating Pressure	5500 kFa (500 psi)		
Circuits			
	24 200 kDa (4 075 pci)		
Implement Travel	34 300 kPa (4,975 psi)		
Swing	35 500 kPa (5,149 psi)		
Power Boost	33 300 kPa (4,830 psi)		
Controls	38 000 kPa (5,511 psi)	:	with shows ff laws
	Pilot levers, short stroke, low-effort hydraul	ic pilot controls	with shutoff lever
Cylinders		10: 1	C: 1
<b>P</b> (2)		d Diameter	Stroke
Boom (2)		00 mm (3.9 in.)	1520 mm (59.8 in.)
Arm (1)		5 mm (4.5 in.)	1740 mm (68.5 in.)
Bucket (1)	140 mm (5.5 in.) 95	5 mm (3.7 in.)	1250 mm (49.2 in.)
Electrical			
Number of Batteries (12 volt)	2		
Battery Capacity	1,400 CCA		
Alternator Rating	100 amp		
Work Lights	2 halogen (one mounted on boom, one on fr	rame)	
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		



900-mm (32 In; Heavy-Dup Triple Semi- Graders Noves         56:5 kPa (8:20 ps)           Swing Mechanism Speed         10.7 pm Tarque         120000 km (88:507 lbft.)           Swing Mechanism Serviceability         10.7 pm Tarque         120000 km (88:507 lbft.)           Swing Mitchanism Serviceability         10.7 pm Tarque         120000 km (88:507 lbft.)           Serviceability         10.7 pm Tarque         120000 km (88:507 lbft.)           Ferling Kill With Titler         27 Li (2 gal.)         Hydraulic Tark           Hydraulic Tark         1351 [51 gal.)         Hydraulic Tark           Hydraulic Tark         1351 [51 gal.)         Hydraulic Tark           Propel (ack1)         11.8 L [12.5 qt.]         Genetics           Cearbox         Propel (ack2)         8.5 L [60 qt.]           Pump Dirve         1.1 Ll.12 qt.]         Genetics           Genetics         37.200 kg [0.2 0.2 lb.]         Genetics           Colorent Tark         7.8 L [0.2 0.2 1.0 lb.]         Genetics           Bolt mm (22 n.) Heavy-Duty Tiple Semi- genetics Withold         37.200 kg [0.2 0.2 lb.]         Genetics           Semi Carl May Duty Tiple Semi- genetics         37.200 kg [0.2 0.2 lb.]         Genetics           Semi Carl May Duty Tiple Semi- genetics         37.200 kg [0.2 57 lb.]         Genetics <td< th=""><th>Ground Pressure</th><th>380G LC</th><th></th><th></th></td<>	Ground Pressure	380G LC		
Grouses Notes         10.7 pm           Speed         10.7 pm           Torque         120.000 Nm (85.07 lbft.)           Services         120.000 Nm (85.07 lbft.)           Serviceshifty         Refill Capacity           Fell Capacity         Speed           Goaling System         39.7 L (10.5 gal.)           Engine Oli with Filter         27.1 (2.7 gal.)           Hydrault Chark         139.1 (5 j.gal.)           Hydrault Chark         139.1 (1.7 gal.)           Swing Drive         1.1.8 L (1.2 gal.)           Prope [lexh]         85.L (9.0 gr.)           Prope [lexh]         85.L (9.0 gr.)           Prope [lexh]         85.L (9.0 gr.)           Win Bildhorm (32.in, Heavy-Duty triple termi-grouter shore:           Semi-Grouper Shore         13.550 kg (2.8,972 lb.)           Heavy-Duty One-Prece Boom (with 3.540 kg (2.9,872 lb.)           Heavy-Duty Mile         2.54 kg (1.7.80 kg).           Semi-Grouper Shore         13.550 kg (2.8,972 lb.)           Heavy-Duty Mile         2.42 m (1.6.6 in, Heavy Duty.           Goan LHG (Subretz (2.) Lotall My (2.000 lb.)				
Swing Mechanism         Image: Speed         Image: Spe				
Speed         10.7 rpm           Torque         120.000 Nm (88,507 lbft.)           Serviceability         Image: Control of the state				
Torque         120000 Nm (88,507 lbft.)           Serviceability         Serviceability           Refil Capacities         Serviceability           Fuel Tank         628 L1166 gal.)           Cooling System         397 L10.5 gal.)           Engine Dilwith Piter         271 L72 gal.)           Hydraulic System         290 L72 gal.)           Swing Drive         11.8 L (12.5 grt.)           Gearbox         Cooling System           Propol (lach)         85 L (19.0 grt.)           With fill first Lack 7 big (17.5 lb.)         Societability           Operating Weights         Toolon Pite 1.1 L. (1.2 grt.)           Operating Weights         3200 kg (82.012 lb.)           Comparent Weights         3200 kg (82.012 lb.)           Comparent Weights         13550 kg (29.872 lb.)           Underscrafting Heavp-Duty triple semi-grouzer chaes         Societability           Societability         13550 kg (29.872 lb.)           Cooperating Weights         13550 kg (29.872 lb.)           Underscrafting Heavp-Duty Triple         Societability           Societability         320 kg (4, 138 lb.)           Arm such Backet Sylinder and Linkage         Arm such Backet Sylinder and Linkage           Arm such Backet Sylinder and Linkage         Societability (1.257 lb.)		10.7 rpm		
Services           Field Tark         628 L (166 gul)           Cooling System         397.4 (10.5 gul)           Engine Off with Filter         271. (12.5 gul)           Hydraulit Tark         1931. (51 gul)           Hydraulit Tark         1931. (51 gul)           Hydraulit Tark         1931. (51 gul)           Hydraulit System         2800. (27 gul)           Swing Drive         11.8 L (12.5 gt.)           Gearbox         11.1 L (12.8 gt.)           Opprating Weights         85.1 (9.0 gt.)           Pump Drive         11.1 L (12.8 gt.)           Opprating Weights         37.200.1 (28 gt.)           Underscaringe, Heavy-Duty triple semi-grouser stores         500 kgl. (29.872 lb.)           Semi-Grouser, Heavy-Duty triple         37.200.1 (27 kgl.)           Underscaringe, Heavy-Duty triple semi-grouser stores         500 kgl. (29.872 lb.)           Boom-Liff C (Inders 2), Total With         135.50 kgl. (29.872 lb.)           Boom-Liff C (Inders 2), Total With         135.50 kgl. (29.872 lb.)           Boom-Liff C (Inders 2), Total With         145 lk. (17.60 lb.)           Boom-Liff C (Inders 2), Total With G 24 kgl. (17.60 lb.)         110 kgl. (2.557 lb.)           Heavy-Duty Bucket         Component Weights         227.0 (10.6 kg.)           Undersca				
Feed Tank         628L [166 gal.]           Fault Tank         628L [166 gal.]           Forging Diving Priter 22 L [7.2 gal.]           Forging Diving Priter 22 L [7.2 gal.]           Hydraulic Tank         1931 (51 gal.]           Hydraulic Tank (74 gal.7 150 for (2.3 cu.yd.). 1370-mm (54 in.], 1160-kg (2.557 lb.] bucket; 4.0-m (13 ft. 1 in.) arm. 7629-kg 16, 619 lb.) counterweights           Genericum Winghts           Toto (8.2 (2.9, 12 cu.yd.) 1370-mm (54 in.], 1160-kg (2.557 lb.] bucket; 4.0-m (13 ft. 1 in.) arm. 7629-kg 16, 619 lb.) counterweight           Genericum Winghts           Toto (8.2 (2.9, 12 cu.yd.) 1370-mm (54 in.], 1160-kg (2.557 lb.] bucket; 4.0-m (13 ft. 1 in.) arm. 7629-kg 16, 619 lb.]           Genericum Winghts           Toto (8.1 (2.9, 972 lb.)           Genericum Winghts           Toto (8.1 (2.9, 972 lb.)           Toto (8.1 (2.9, 972 lb.) <td></td> <td></td> <td></td> <td></td>				
Fuel Tank         628 L (166 gal.)           Cooling System         39.7 L (10.5 gal.)           Engine Oli with Filter         27.L (7.2 gal.)           Hydraulic Tank         193 L (10.5 gal.)           Hydraulic Tank         193 L (12.5 qt.)           Gerbox         8.5 L (9.0 gt.)           Poppal feach)         8.5 L (9.0 gt.)           Pomp Prive         1.1 L (1.2 qt.)           Operating Weights         1.1 L (1.2 qt.)           Operating Weights         3.7 20 (0.4 (2.0.1 x - 1.5 m)           With fail fuel tank / ?bs.q (175 lb.) aperator; 1.76 m (2.3 cu. yd.), 1370-mm (54 in.), 1160-kg (2.557 lb.) bucket; 4.0-m (13 ft. 1 in.) arm; 7629-kg (16,819 lb.) counterweight; and 800-mm (32 in.) Heavy-Duty triple semi-Grouser shoes           Operating Weights         3.7 0 (10.6 ft. 6 in.) Heavy Duty Triple Semi-Grouser Shoes           Heavy-Duty One-Pice Boom (with 354 lbg (7.806 lb.)         3.2 m (10.6 ft. 6 in.) Heavy Duty 1957 lbg (4,315 lb.)           4.0 m (13 ft. 1 in.)         1988 lbg (4,184 lb.)           Boom-Lift Cylinders (2). Total lwift C2/ks (13.76 lb.)         1.1 bl. (2.557 lb.)           4.0 m (13 ft. 1 in.)         1988 lbg (2.557 lb.)           Heavy-Duty Due-Pice Boom (with 1362 lb.)         150.0 (1.376 lb.)           4.0 m (13 ft. 1 in.)         1988 lbg (2.557 lb.)           Heavy-Duty Boudedt         70.29 lbg (16.819 lb.) <t< td=""><td></td><td></td><td></td><td></td></t<>				
Cooling System         39.7 L [10.5 gal.]           Engine GU with Filter         27 L [7.2 gal.]           Hydraulic Tank         193 L [51 gal.]           Hydraulic Tank         193 L [51 gal.]           Hydraulic System         290. (77 gal.)           Swing Dhre         1.1 L L [2.5 gt.]           Cearbox         Propel (each)         8.5 L [9.0 gt.]           Propel (each)         8.5 L [9.0 gt.]         Propel (each)         8.5 L [9.0 gt.]           Operating Weight         37200 kg [82.012 kb.]         Common (S4 in kb.]         Decemponent Weights           Operating Weight         37200 kg [82.012 kb.]         Common (S4 in kb.]         Decemponent Weights           Undercarriage, Heavy-Outy, with         13550 kg [29.872 kb.]         Semi-Grouser Shoes         Feary-Outy Outy.           Heavy-Outy Outy, with         13550 kg [29.872 kb.]         Semi-Grouser Shoes         Feary-Outy Outy.           Heavy-Outy Outy.         1957 kg (4.315 kb.]         Semi-Grouser Shoes         Feary-Outy Outy.           Heavy-Outy Outy.         1957 kg (4.315 kb.]         Semi-Grouser Shoes         Feary-Outy Outy.           Heavy-Outy Deceter         Commonent Weights         Tof (Semi-Shoe)         Feary-Outy Outy.           Boom-Lift Cylinders (2). Total Weight         2.2 m (10.6.19.1 Heavy Duty.         4.		628 L (166 gal.)		
Engine Oil with Filter         27. U.7.2 gal.)           Hydraulic System         290 L.(77 gal.)           Swing Drive         11.8 L.(12.5 qt.)           Gearbox         Propel (each)           Propel (each)         8.5 L.(9.0 qt.)           Dynth fail feat lask, 79-kg (175 lb.) operator, 1.76-m² (2.3 cu. yd.), 1370-mm (54 in.), 1160-kg (2.557 lb.) bucket; 4.0-m (13 ft. 1 in.) arm; 7629-kg (16.819 lb.) counterweight;           and 800-mm (32 in.) Heavy-Duty Imple semi-grouzer shoes         0           Operating Weights         37 200 (8 (2.00 / 1.6.)           Undercarrange, Heavy-Duty, with         13 550 kg (2.9, 872 lb.)           800-mm (32 in.) Heavy-Duty Triple         584 lb (7.806 lb.)           semi-Grouzer Shoes         Heavy-Duty Triple           Heavy-Duty One-Pice Boom (with         536 lb (2.557 lb.)           800-mm (32 in.) Heavy-Duty Triple         584 kg (7.806 lb.)           a.2 m (10 ft. 6 in.) Heavy Duty         1957 kg (4,315 lb.)           4.0 m (13 ft. 1 in.)         198 kg (4,184 lb.)           Boom-Lift Cylinders (2). Total Weight         2.2 m (10 ft. 6 in.) Heavy Duty           4.0 m (13 ft. 1 in.)         198 kg (4,184 lb.)           1.76-m² (2.3 cu, yd.) 1370-mm (54 in.)         1160 kg (2.557 lb.)           Heavy-Duty Bucket         700 kg (4,185 lb.)               Counterweight, Sandard         7229 kg (16,				
Hydraulic Tank         1931. [51 gal.]           Hydraulic System         2001. (77 gal.)           Swing Drive         11.8. L (12.5 gal.)           Gearbox         Porpel Jeach)           Porpel Jeach)         8.5 L (9.0 gt.)           Porpel Jeach)         8.5 L (9.0 gt.)           Porpel Jeach)         8.5 L (9.0 gt.)           Operating Weights         37.200 kg (8.2.012 k.)           Component Weights         37.200 kg (8.2.012 k.)           Component Weights         37.200 kg (8.2.012 k.)           Undercarriage, Heasy-Duty, with         13.550 kg (29.872 l.b.)           800-mn (32.1n) Heasy-Duty friple sumi-groups rhoses         Semi-Groups rhoses           Heasy-Duty Our-Piece Boon (with 354 kg (7.806 lb.)         354 kg (7.806 lb.)           arm with Bucket Cylinder and Linkage         Arm with Bucket Cylinder and Linkage           3.2 m (10 ft. 6 in, J Heasy-Duty         1957 kg (4.315 lb.)           Heasy-Duty Bucket         Contertweight, Standard           Counterweight, Standard         7628 kg (16.819 lb.)           Boom-Lift Cylinders (2), Iotal Weight         624 kg (1.376 lb.)           1.76-m1 (2.3 cu yd.) 1370-mn (54 in)         1160 kg (2.557 lb.)           Heary-Duty Bucket         Counterweight, Standard         7628 kg (16.819 lb.)           Stat         10.0				
Hydraulic System         290L [77 gal.]           Swing Drove         11.8 L [12.5 qt.]           Gearbox         Propel [each]         8.5 L [9.0 qt.]           Pomp Drive         1.14 L [12.qt.]           Operating Weights         With full file takin (7 9-kg [175 ib.] operator; 1.76-m² (2.3 cu. yd.), 1370-mm (54 in.), 1160-kg (2,557 lb.) bucket; 4.0-m (13 ft. 1 in.) arm; 7629-kg (16,819 lb.) counterweight; and 800-mm (32 in.) Heavy-Duty triple semi-grouser shoes           Operating Weight         37 200 kg (82,012 lb.)         Component Weights           Undercarriage, Heavy-Duty Triple semi-grouser shoes         Operating Weight         350 kg (82,012 lb.)           Component Weights         350 kg (29,872 lb.)         Weight         13 50 kg (29,872 lb.)           800-mm (32 in, Heavy-Duty Triple semi-Grouser Shoes         Heavy-Duty One-Prece Boom (with asset asset (91 moder and Linkage (92 kg (1.376 lb.)         Trise (12 asset (91 moder and Linkage asset (92 kg (1.376 lb.)           176-m² (23 cu, yd.) 1370-mm (54 m)         Fram Length         52 m (10 ft. 6 in.) Heavy Duty         4.0 m (13 ft. 1 in.)           Arm Length         32 m (10 ft. 6 in.) Heavy Duty         4.0 m (13 ft. 1 in.)         Fram Length         52 m (10 f				
Swing Drive Gearbox         11.8 L [12.5 q t.]           Propel (each)         8.5 L (9.0 q t.]           With full fuel tank (79-4 (g1/75 lb.) operator; 1.76-n² (2.3 cu. yd.), 1370-mm (54 in.), 1160-kg (2,557 lb.) bucket; 4.0-m (13 ft. 1 in.) arm; 7629-kg (16,819 lb.) counterweight;           ad 800-mm (23 in.) Heasy-Duty, with         3.7 200 kg (82,012 lb.)           Component Weights         3.7 200 kg (82,012 lb.)           Semi-Grouser Shoes         3.5 1 kg (7,806 lb.)           Heasy-Duty One-Piece Boom (with)         3.551 kg (7,806 lb.)           arm (r) (16 ft. fin.) Heasy-Duty         1957 kg (4,315 lb.)           -4.0 m (13 ft. 1 in.)         1985 kg (4,818 lb.)           Boom-Lift (Spriders (2), Tarloll         1160 kg (2,557 lb.)           1.7.5 m (2.3 cu. yd.). 1370-mm (54 in.)         1160 kg (2,557 lb.)           1.7.5 m (2.3 cu. yd.). 1370-km (54,91 lb.)         140 kg (2,557 lb.)           1.7.5 m (2.3 cu. yd.). 1370-km (54,91 lb.)         152 cb kN (3,4,314 lb.)           1.6 count level (b.1 m (10,16 ft. fin.) Heavy Duty         4.0 m (13 ft. 1 in.)           Mam Leggt         2.2 m (10 ft. fin. in (4,06 kg lb.)           1.5 Count	Hydraulic System			
Gearbox           Propel (each)         8.5 L (9.0 qr.)           Pump Drive         1.1 L (1.2 qr.)           Operating Weights				
Pump Drive         1.1 L [1.2, qt.]           Operating Weights		, , , ,		
Pump Drive         1.1 L [1.2 qt.]           Operating Weights	Propel (each)	8.5 L (9.0 gt.)		
$ \begin{array}{  c  } \hline \textbf{Operating Weights} \\ \hline With full fuel tank, 73-kg (175) lb. operator; 1.76-m² (2.3 cu. yd.), 1700-mm (54 in.), 1160-kg (2,557 lb.) bucket; 4.0-m (13 ft. 1 in.) arm; 7629-kg (16,819 lb.) counterweight; and 800-mm (32 in.) Heavy-Duty tiple semi-grouser shoes \\ \hline Operating Weight 37 200 kg (82,012 lb.) \\ \hline Component Weight 13 550 kg (29,872 lb.) \\ 800-mm (32 in.) Heavy-Duty, with 3541 kg (7,806 lb.) \\ arm cylinder) \\ \hline Macro Toron 64 (lb. arm cylinder) \\ \hline Arm with Bucket Cylinder and Linkage 3.2 m (10 ft. 6 in.) Heavy Duty 1957 kg (4,315 lb.) \\ \hline 4.0 m (13 ft. 1 in.) \\ \hline 1957 kg (4,315 lb.) \\ \hline 4.0 m (13 ft. 1 in.) \\ \hline 1958 kg (4,194 lb.) \\ \hline Boom-Lift Cylinders (2), Total Weight 624 kg (1,376 lb.) \\ \hline 1.76-m² (2.2 cu. yd.) (1370-mg S4m) \\ \hline Heavy-Duty Bucket \\ \hline Counterveight, Standard 7629 kg (16,819 lb.) \\ \hline Operating Dimensions \\ \hline Arm Leggth 3.2 m (10 ft. 6 in.) Heavy Duty 4.0 m (13 ft. 1 in.) \\ \hline Arm Digging Force \\ SAE 177.6 kN (39,930 lb.) \\ \hline ISO 185.0 kN (41,590 lb.) \\ \hline SO 185.0 kN (41,590 lb.) \\ \hline SO 225 2 kN (50,628 lb.) \\ \hline SO 225 2 kN (50,628 lb.) \\ \hline SAE 255 2 kN (50,628 lb.) \\ \hline SAE 370 27 km (23 ft. 5 in.) \\ \hline A Maximum Reach 4 foround Level 10.89 m (35 ft. 5 in.) \\ \hline M Maximum Digging Depth at 2.44-m (7.1 m (23 ft. 5 in.) \\ \hline M Maximum Digging Depth at 2.44-m (7.1 m (23 ft. 5 in.) \\ \hline M Maximum Dugging Depth at 2.44-m (7.24 m (23 ft. 5 in.) \\ \hline M Maximum Dugging Depth at 2.44-m (7.24 m (23 ft. 5 in.) \\ \hline M Maximum Vertical Wall & 6.42 w (21 ft. 1 in.) \\ \hline M Maximum Vertical Wall & 6.42 w (21 ft. 1 in.) \\ \hline Maximum Vertical Wall & 6.42 w $				
With full fuel tank; 79-kg (175 lb.) genetator; 176-m² (2.3 cu; yd.) 1370-mm (54 in.), 1160-kg (2.557 lb.) bucket; 4.0-m (13 ft. 1 in.) arm; 7629-kg (16,819 lb.) counterweight; and 800-mm (32 in.) Heavy-Duty triple semi-grouser shoesOperating Weight37 200 kg (82,012 lb.)Component Weights13 550 kg (29,872 lb.)800-mm (32 in.) Heavy-Duty Triple semi-Grouser Shoes3541 kg (7,806 lb.)arm cylinder]3541 kg (7,806 lb.)arm cylinder]3541 kg (7,806 lb.)arm cylinder]1957 kg (4,315 lb.)4.0 m (13 ft. 1 in.)1988 kg (4,184 lb.)Boom-Lift Cylinder and Linkage3.2 m (10 ft. 6 in.] Heavy Duty1957 kg (4,315 lb.)1.75-m² (2.3 ur, yd.) 130-mm (54 in.)1160 kg (2,557 lb.)Heavy-Duty BucketCounterweight, Standard7629 kg (16,819 lb.)Operating UmensionsArm Length3.2 m (10 ft. 6 in.] Heavy Duty4.0 m (13 ft. 1 in.]Arm Digging ForceSAE177.6 kN (39.930 lb.)150185.0 kN (41,590 lb.)150185.0 kN (41,590 lb.)15024.6 Lo. NK (55,303 lb.)24.6 UN (55,303 lb.)24.6 UN (55,303 lb.)24.6 UN (55,303 lb.)153153252.2 kN (50,628 lb.)252.2 kN (50,628 lb.)15026.0 kN (55,303 lb.)27.7 m (23 ft. 3 in.)16.1 m (20 ft.) Reach (with power boost)A Maximum Reach11.10 m (36 ft. 5 in.)11.80 m (26 ft. 1 in.)14.1 Maximum Reach15.1 Maximum Digging Depthat 2.44-m (12 m				
and 800-mm [32 in.] Heavy-Duty triple semi-grouser shoes Operating Weight 37 200 kg (82,012 lb.) Component Weights Undercarriage, Heavy-Duty, with 3550 kg (29,872 lb.) 800-mm (32 in.] Heavy-Duty Triple Semi-Grouser Shoes Heavy-Duty One-Piece Boom (with 3541 kg (7,806 lb.) arm cylinder] Arm with Bucket Gylinder and Linkage 3.2 m (10 f. 6. in.] Heavy Duty 1957 kg (4,315 lb.) 4.0 m (13 f. 1 in.) 1998 kg (4,184 lb.) Boom-Lift Gylinder 82, Total Weight 524 kg (1,376 lb.) 1.76-m² (2.3 cu. yd.), 1370-mm (54 in.) 1100 kg (2,557 lb.) Heavy-Duty Bucket Courterweight, Standard 7629 kg (16,819 lb.) <b>Operating Dimensions</b> <b>Jack (17, 6 in.] Heavy Duty 4.0 m (13 ft. 1 in.)</b> Arm Length 3.2 m (10 ft. 6 in.] Heavy Duty 4.0 m (13 ft. 1 in.) Arm Length 3.2 m (10 ft. 6 in.] Heavy Duty 4.0 m (13 ft. 1 in.) Arm Length 3.2 m (10 ft. 6 in.] Heavy Duty 4.0 m (13 ft. 1 in.) Arm Length 3.2 m (10 ft. 6 in.] Heavy Duty 4.0 m (13 ft. 1 in.) Arm Length 3.2 m (10 ft. 6 in.] Heavy Duty 4.0 m (13 ft. 1 in.) Arm Length 3.2 m (10 ft. 6 in.] Heavy Duty 4.0 m (13 ft. 1 in.) Arm Length 1.100 kg (2,557 lb.) Bucket Digging Force SAE 225.2 kN (50,628 lb.) 225.2 kN (50,628 lb.) ISO 246.0 kN (55,303 lb.) 246.0 kN (55,303 lb.) Lifting Capacity Over Front at Ground Level 1.1 m (20 ft. 5 in.) 11.86 m (13 ft. 3 in.) B Maximum Digging Depth 7.38 m (24 ft. 3 in.) B Maximum Digging Depth 7.38 m (24 ft. 3 in.) B Maximum Digging Depth 7.38 m (24 ft. 3 in.) B Maximum Digging Depth 7.24 m (23 ft. 9 in.) 7.63 m (25 ft. 0 in.) E Minimum Swing Radius 4.46 m (14 ft. 8 in.) 4.47 m (14 ft. 8 in.) F Maximum Vertical Wall 6.42 m (21 ft. 1 in.) 7.27 m (23 ft. 0 in.)		or; 1.76-m <sup>3</sup> (2.3 cu. yd.), 1370-mm (54 in.	), 1160-kg (2,557 lb.) bucket; 4.0-m (13 ft. 1	l in.) arm; 7629-kg (16,819 lb.) counterweight;
Operating Weight $37200 kg (82,012 lb.)$ Component Weights         U           Undercarriage, Heavy-Duty, with $13550 kg (29,872 lb.)$ 800-mm (32 ln.) Heavy-Duty Triple         3551 kg (7,806 lb.)           Heavy-Duty One-Piece Boom (with arm cylinder) $3551 kg (7,806 lb.)$ Arm with Bucket Cylinder and Linkage $32 m (10 ft. 6 in.)$ Heavy Duty $1957 kg (4,315 lb.)$ $4.0 m (13 ft. 1 in.)$ 1988 kg (4.184 lb.)         Boom-Lift Cylinders (2), Total Weight $624 kg (1,376 lb.)$ $1.76 - m^2 (2.3 cu. yd.), 1370-mm (54 · n.)$ 1160 kg (2.557 lb.)         Heavy-Duty Bucket         Counterweight, Standard $762 pg (16,819 lb.)$ Operating Dimensions         Jarm Length $3.2 m (10 ft. 6 in.) Heavy Duty         4.0 m (13 ft. 1 in.) 4.0 m (13 ft. 1 in.)           Arm Length         3.2 m (10 ft. 6 in.) Heavy Duty         4.0 m (13 ft. 1 in.) 4.0 m (13 ft. 1 in.)           Arm Length         3.2 m (10 ft. 6 in.) Heavy Duty         4.0 m (13 ft. 1 in.) 62 kg (29,20 lb.) Counterweight, Standard         Counte$				
Component Weights           Undercarriage, Heavy-Duty, with 800-m (32 in, Heavy-Duty Triple)         13 550 kg (29,872 lb.)           Semi-Grouser Shoes         3541 kg (7,806 lb.)           Heavy-Duty One-Piece Boon (with arm cylinder)         3541 kg (7,806 lb.)           Arm with Bucket Cylinder and Linkage         32 m (10 ft. 6 in.) Heavy Duty           Boom-Lift Cylinders (2), Ital Weight         24 kg (1,376 lb.)           1.76-m² (2.3 cu.yd.), 1370-mm (54 in.)         11808 kg (4, 184 lb.)           Boom-Lift Cylinders (2), Ital Weight         7629 kg (16, 819 lb.)           Heavy-Duty Bucket         7629 kg (16, 819 lb.)           Counterweight, Standard         7629 kg (16, 819 lb.)           Arm Length         3.2 m (10 ft. 6 in.) Heavy Duty         4.0 m (13 ft. 1 in.)           Arm Length         3.2 m (10 ft. 6 in.) Heavy Duty         4.0 m (13 ft. 1 in.)           Arm Length         3.2 m (10 ft. 6 ki) (39,930 lb.)         152.6 kN (34,314 lb.)           ISO         13 5.0 kN (41,590 lb.)         152.6 kN (35,736 lb.)           Bucket Digging Force         546         246.0 kN (55,303 lb.)         252.2 kN (50.628 lb.)           SAE         252.2 kN (50.628 lb.)         13 539 kg (29,848 lb.)         13 254 kg (29,220 lb.)           Ifing Capacity Over Front at Ground Level 61-m (20 ft.) Reach (with power boost)         1.3 6m (26 ft. 5 in.)<				
$ \begin{array}{c c c c c c c c c c c c c c c c c c c $	Component Weights	5		
Semi-Grouser Shoes       3541 kg (7,806 lb.)         arm cylinder)       3541 kg (7,806 lb.)         Arm with Bucket Cylinder and Linkage       3.2 m (10 ft. 6 in.) Heavy Duty       1957 kg (4,315 lb.)         4.0 m (13 ft. 1 in.)       1989 kg (4,184 lb.)       624 kg (1,376 lb.)         Boom-Lift Cylinders (2), Total Weight       624 kg (1,376 lb.)       1160 kg (2,557 lb.)         Heavy-Duty Bucket       7629 kg (16,819 lb.)       0         Counterweight, Standard       7629 kg (16,819 lb.)       0         Arm Length       3.2 m (10 ft. 6 in.) Heavy Duty       4.0 m (13 ft. 1 in.)         Arm Length       3.2 m (10 ft. 6 in.) Heavy Duty       4.0 m (13 ft. 1 in.)         Arm Length       3.2 m (10 ft. 6 in.) Heavy Duty       4.0 m (13 ft. 1 in.)         Arm Length       3.2 m (10 ft. 6 in.) Heavy Duty       4.0 m (13 ft. 1 in.)         Arm Length       3.2 m (10 ft. 6 in.) Heavy Duty       4.0 m (13 ft. 1 in.)         SAE       177.6 kN (39,930 lb.)       152.6 kN (34,314 lb.)         ISO       185.0 kN (41,55.00 sl.)       252.2 kN (50,628 lb.)         Bucket Digging Force       3       246.0 kN (55.303 lb.)         SAE       225.2 kN (50,628 lb.)       13 254 kg (29,220 lb.)         Ground Level 6.1-m (20 ft.) Reach       11.0 m (36 ft. 5 in.)       11.86 m (38 ft. 11 in.) <td></td> <td>13 550 kg (29,872 lb.)</td> <td></td> <td></td>		13 550 kg (29,872 lb.)		
Heavy-Duty One-Piece Boom (with arm cylinder)       3541 kg (7,806 lb.)         Arm with Bucket Cylinder and Linkage       1957 kg (4,315 lb.)         3.2 m (10 ft. 6 in.) Heavy Duty       1957 kg (4,315 lb.)         4.0 m (13 ft. 1 in.)       1898 kg (4,184 lb.)         Boom-Lift Cylinders (2), Total Weight       624 kg (1,376 lb.)         1.76-m² (2.3 cu. yd.), 1370-mm (54 in.)       1160 kg (2,557 lb.)         Heavy-Duty Bucket       1160 kg (2,557 lb.)         Counterweight, Standard       7629 kg (16,819 lb.)         Operating Dimensions		2		
arm cylinder)         Arm with Bucket Cylinder and Linkage         3.2 m (10 ft. 6 in), Heavy Duty       1957 kg (4,315 lb.)         4.0 m (13 ft. 1 in.)       1898 kg (4,184 lb.)         Boom-Lift Cylinders (2), Total Weight       624 kg (1,376 lb.)         1.76-m (12 scu. yd.), 1370-mn (54 h)       1160 kg (2,557 lb.)         Heavy-Duty Bucket       7629 kg (16,819 lb.)         Counterweight, Standard       7629 kg (16,819 lb.)         Operating Dimensions	Semi-Grouser Shoes			
Arm with Bucket Cylinder and Linkage         3.2 m (10 ft. 6 in.) Heavy Duty       1957 kg (4,315 lb.)         4.0 m (13 ft. 1 in.)       1898 kg (4,184 lb.)         Boom-Lift Cylinders (2), Total Weight       624 kg (1,376 lb.)         1.76-m² (2.3 cu. yd.), 1370-mm (54 in.)       1160 kg (2,557 lb.)         Heavy-Duty Bucket       Counterweight, Standard       7629 kg (16,819 lb.) <b>Counterweight</b> , Standard       7629 kg (16,819 lb.)       Total (10 ft. 6 in.) Heavy Duty       4.0 m (13 ft. 1 in.)         Arm Length       3.2 m (10 ft. 6 in.) Heavy Duty       4.0 m (13 ft. 1 in.)       Arm Length       3.2 m (10 ft. 6 in.) Heavy Duty       4.0 m (13 ft. 1 in.)         Arm Length       3.2 m (10 ft. 6 in.) Heavy Duty       4.0 m (13 ft. 1 in.)       4.0 m (13 ft. 1 in.)       Total (10 ft. 1 ft.)         SAE       177.6 kN (39.930 lb.)       152.6 kN (34,314 lb.)       150       180 kN (155,303 lb.)       252.2 kN (50,628 lb.)       252.2 kN (50,628 lb.)       255.2 kN (50,628 lb.)       255.2 kN (50,628 lb.)       255.2 kN (50,628 lb.)       255.2 kN (50,628 lb.)       13 539 kg (29,848 lb.)       13 254 kg (29,220 lb.)       Gouve Units       Gouve Units       Gouve Units       Gouve Units       Gouve Units       R.0 m (26 ft. 5 in.)       R.0 m (26 ft. 5 in.) <t< td=""><td>Heavy-Duty One-Piece Boom (with</td><td>3541 kg (7,806 lb.)</td><td></td><td></td></t<>	Heavy-Duty One-Piece Boom (with	3541 kg (7,806 lb.)		
3.2 m (10 ft. 6 in.) Heavy Duty       1957 kg (4,315 lb.)         4.0 m (13 ft. 1 in.)       1898 kg (4,184 lb.)         Boom-Lift Cylinders (2), Total Weight       624 kg (1,376 lb.)         1.76-m³ (2.3 cu. yd.), 1370-mm (54 in.)       1160 kg (2,557 lb.)         Heavy-Duty Bucket       7629 kg (16,819 lb.)         Counterweight, Standard       7629 kg (16,819 lb.)         Operating Dimensions	arm cylinder)			
4.0 m (13 ft. 1 in.)       1898 kg (4, 184 lb.)         Boom-Lift Cylinders (2), Total Weight       624 kg (1, 376 lb.)         1.76-m³ (2.3 cu. yd.), 1370-mm (54 in.)       1160 kg (2,557 lb.)         Heav-Duty Bucket       7629 kg (16,819 lb.) <b>Operating Dimensions</b> 7629 kg (16,819 lb.) <b>Arm Length</b> 3.2 m (10 ft. 6 in.) Heavy Duty       4.0 m (13 ft. 1 in.)         Arm Length       3.2 m (10 ft. 6 in.) Heavy Duty       4.0 m (13 ft. 1 in.)         Arm Length       3.2 m (10 ft. 6 in.) Heavy Duty       4.0 m (13 ft. 1 in.)         Arm Length       3.2 m (10 ft. 6 in.) Heavy Duty       4.0 m (13 ft. 1 in.)         Arm Length       3.2 m (10 ft. 6 in.) Heavy Duty       4.0 m (13 ft. 1 in.)         JiSO       1850 kN (41,590 lb.)       152.6 kN (34,314 lb.)         ISO       255.2 kN (50,628 lb.)       225.2 kN (50,628 lb.)         SAE       225.2 kN (50,628 lb.)       225.2 kN (50,628 lb.)         ISO       246.0 kN (55,303 lb.)       246.0 kN (55,303 lb.)         IsSo       246.0 kN (55,303 lb.)       246.0 kN (55,303 lb.)         Ifting Capacity Over Front at Ground Level       10.89 m (35 ft. 9 in.)       11.67 m (38 ft. 11 in.)         Al Maximum Reach       7.11 n0 m (36 ft. 5 in.)       8.18 m (26 ft. 10 in.)       8.18 m (26 ft. 10 in.)         B<	Arm with Bucket Cylinder and Linkage			
Boom-Lift Cylinders (2), Total Weight         624 kg (1,376 lb.)           1.76-m³ (2.3 cu. yd.), 1370-mm (54 in.)         1160 kg (2,557 lb.)           Heavy-Duty Bucket         7629 kg (16,819 lb.)           Counterweight, Standard         7629 kg (16,819 lb.)           Operating Dimensions         3.2 m (10 ft. 6 in.) Heavy Duty         4.0 m (13 ft. 1 in.)           Arm Length         3.2 m (10 ft. 6 in.) Heavy Duty         4.0 m (13 ft. 1 in.)           Arm Digging Force	3.2 m (10 ft. 6 in.) Heavy Duty	1957 kg (4,315 lb.)		
1.76-m³ (2.3 cu. yd.), 1370-mm (54 in.)       1160 kg (2,557 lb.)         Heavy-Duty Bucket       Counterweight, Standard       7629 kg (16,819 lb.)         Operating Dimensions		1898 kg (4,184 lb.)		
Heavy-Duty Bucket       Counterweight, Standard       7629 kg (16,819 lb.)         Operating Dimensions	Boom-Lift Cylinders (2), Total Weight	624 kg (1,376 lb.)		
Counterweight, Standard         7629 kg (16,819 lb.)           Operating Dimensions         4.0 m (13 ft. 1 in.)           Arm Length         3.2 m (10 ft. 6 in.) Heavy Duty         4.0 m (13 ft. 1 in.)           Arm Digging Force         54         177.6 kN (39,930 lb.)         152.6 kN (34,314 lb.)         159.0 kN (35,745 lb.)           Bucket Digging Force         255.2 kN (50,628 lb.)         255.2 kN (50,628 lb.)         255.2 kN (50,628 lb.)         159.0 kN (35,745 lb.)           Bucket Digging Force         225.2 kN (50,628 lb.)         225.2 kN (50,628 lb.)         225.2 kN (50,628 lb.)         13 254 kg (29,220 lb.)           ISO         246.0 kN (55,303 lb.)         246.0 kN (55,303 lb.)         246.0 kN (55,303 lb.)         10 m (36 ft. 5 in.)         11.86 m (38 ft. 11 in.)           Maximum Reach         11.10 m (36 ft. 5 in.)         11.86 m (38 ft. 11 in.)         10 Maximum Bigging Depth         7.38 m (24 ft. 3 in.)         8.18 m (26 ft. 10 in.)           Maximum Digging Depth         7.38 m (24 ft. 3 in.)         8.04 m (26 ft. 5 in.)         10.75 m (35 ft. 3 in.)           Maximum Dugging Depth         7.21 m (23 ft. 8 in.)         7.63 m (25 ft. 0 in.)         10.75 m (35 ft. 3 in.)           Maximum Dumping Height         7.24 m (21 ft. 1 in.)         7.27 m (23 ft. 10 in.)         10 in.)           Maximum Wertical Wall         6.42 m (21 ft. 1 in.) <t< td=""><td>1.76-m<sup>3</sup> (2.3 cu. yd.), 1370-mm (54 in.)</td><td>1160 kg (2,557 lb.)</td><td></td><td></td></t<>	1.76-m <sup>3</sup> (2.3 cu. yd.), 1370-mm (54 in.)	1160 kg (2,557 lb.)		
Operating Dimensions           Arm Length         3.2 m (10 ft. 6 in.) Heavy Duty         4.0 m (13 ft. 1 in.)           Arm Digging Force	Heavy-Duty Bucket			
Arm Length       3.2 m (10 ft. 6 in.) Heavy Duty       4.0 m (13 ft. 1 in.)         Arm Digging Force	Counterweight, Standard	7629 kg (16,819 lb.)		
Arm Digging Force         SAE       177.6 kN (39,930 lb.)       152.6 kN (34,314 lb.)         ISO       185.0 kN (41,590 lb.)       159.0 kN (35,745 lb.)         Bucket Digging Force	Operating Dimensions			
SAE       177.6 kN (39,930 lb.)       152.6 kN (34,314 lb.)         ISO       185.0 kN (41,590 lb.)       159.0 kN (35,745 lb.)         Bucket Digging Force	Arm Length	3.2 m (10 ft. 6 in.) Heavy Duty	4.0 m (13 ft. 1 in.)	
ISO       185.0 kN (41,590 lb.)       159.0 kN (35,745 lb.)         Bucket Digging Force       SAE       225.2 kN (50,628 lb.)       225.2 kN (50,628 lb.)         ISO       246.0 kN (55,303 lb.)       246.0 kN (55,303 lb.)       246.0 kN (55,303 lb.)         Lifting Capacity Over Front at Ground Level 6.1-m (20 ft.) Reach (with power boost)       13 254 kg (29,220 lb.)       Image: Cound Level 6.1-m (20 ft.) Reach (with power boost)         A       Maximum Reach       11.10 m (36 ft. 5 in.)       11.86 m (38 ft. 11 in.)         A       Maximum Reach at Ground Level 10.89 m (35 ft. 9 in.)       11.67 m (38 ft. 3 in.)         B       Maximum Digging Depth       7.38 m (24 ft. 3 in.)       8.18 m (26 ft. 10 in.)         B       Maximum Digging Depth at 2.44-m (23 ft. 8 in.)       8.04 m (26 ft. 5 in.)       Image: Cound Level (23 ft. 9 in.)         C       Maximum Durping Height       10.36 m (34 ft. 0 in.)       10.75 m (35 ft. 3 in.)       Image: Cound Level (23 ft. 9 in.)         D       Maximum Dumping Height       7.24 m (23 ft. 9 in.)       7.63 m (25 ft. 0 in.)       Image: Cound Level (23 ft. 9 in.)       Image: Cound Level (23 ft. 9 in.)         F       Maximum Vertical Wall       6.42 m (21 ft. 1 in.)       7.27 m (23 ft. 10 in.)       Image: Cound Levee (21 ft. 1 in.)	Arm Digging Force			
Ground Level 6.1-m (20 ft.) Reach (with power boost)         A       Maximum Reach       11.10 m (36 ft. 5 in.)       11.86 m (38 ft. 11 in.)         A <sup>I</sup> Maximum Reach       10.89 m (35 ft. 9 in.)       11.67 m (38 ft. 3 in.)         B       Maximum Digging Depth       7.38 m (24 ft. 3 in.)       8.18 m (26 ft. 10 in.)         B <sup>I</sup> Maximum Digging Depth       7.21 m (23 ft. 8 in.)       8.04 m (26 ft. 5 in.)         (8 ft. 0 in.)       F       10.36 m (34 ft. 0 in.)       10.75 m (35 ft. 3 in.)         D       Maximum Dumping Height       7.24 m (23 ft. 9 in.)       7.63 m (25 ft. 0 in.)         E       Minimum Swing Radius       4.46 m (14 ft. 8 in.)       4.47 m (14 ft. 8 in.)         F       Maximum Vertical Wall       6.42 m (21 ft. 1 in.)       7.27 m (23 ft. 10 in.)	SAE	177.6 kN (39,930 lb.)	152.6 kN (34,314 lb.)	
Ground Level 6.1-m (20 ft.) Reach (with power boost)         A       Maximum Reach       11.10 m (36 ft. 5 in.)       11.86 m (38 ft. 11 in.)         A <sup>I</sup> Maximum Reach       11.10 m (36 ft. 5 in.)       11.67 m (38 ft. 3 in.)         B <sup>I</sup> Maximum Digging Depth       7.38 m (24 ft. 3 in.)       8.18 m (26 ft. 10 in.)         B <sup>I</sup> Maximum Digging Depth at 2.44-m       7.21 m (23 ft. 8 in.)       8.04 m (26 ft. 5 in.)         (8 ft. 0 in.)       Flat Bottom       10.36 m (34 ft. 0 in.)       10.75 m (35 ft. 3 in.)         D       Maximum Dumping Height       7.24 m (23 ft. 9 in.)       7.63 m (25 ft. 0 in.)         E       Minimum Swing Radius       4.46 m (14 ft. 8 in.)       4.47 m (14 ft. 8 in.)         F       Maximum Vertical Wall       6.42 m (21 ft. 1 in.)       7.27 m (23 ft. 10 in.)	ISO	185.0 kN (41,590 lb.)	159.0 kN (35,745 lb.)	
Ground Level 6.1-m (20 ft.) Reach (with power boost)         A       Maximum Reach       11.10 m (36 ft. 5 in.)       11.86 m (38 ft. 11 in.)         A <sup>I</sup> Maximum Reach       11.10 m (36 ft. 5 in.)       11.67 m (38 ft. 3 in.)         B <sup>I</sup> Maximum Digging Depth       7.38 m (24 ft. 3 in.)       8.18 m (26 ft. 10 in.)         B <sup>I</sup> Maximum Digging Depth at 2.44-m       7.21 m (23 ft. 8 in.)       8.04 m (26 ft. 5 in.)         (8 ft. 0 in.)       Flat Bottom       10.36 m (34 ft. 0 in.)       10.75 m (35 ft. 3 in.)         D       Maximum Dumping Height       7.24 m (23 ft. 9 in.)       7.63 m (25 ft. 0 in.)         E       Minimum Swing Radius       4.46 m (14 ft. 8 in.)       4.47 m (14 ft. 8 in.)         F       Maximum Vertical Wall       6.42 m (21 ft. 1 in.)       7.27 m (23 ft. 10 in.)	Bucket Digging Force			
Ground Level 6.1-m (20 ft.) Reach (with power boost)         A       Maximum Reach       11.10 m (36 ft. 5 in.)       11.86 m (38 ft. 11 in.)         A <sup>I</sup> Maximum Reach       11.10 m (36 ft. 5 in.)       11.67 m (38 ft. 3 in.)         B <sup>I</sup> Maximum Digging Depth       7.38 m (24 ft. 3 in.)       8.18 m (26 ft. 10 in.)         B <sup>I</sup> Maximum Digging Depth at 2.44-m       7.21 m (23 ft. 8 in.)       8.04 m (26 ft. 5 in.)         (8 ft. 0 in.)       Flat Bottom       10.36 m (34 ft. 0 in.)       10.75 m (35 ft. 3 in.)         D       Maximum Dumping Height       7.24 m (23 ft. 9 in.)       7.63 m (25 ft. 0 in.)         E       Minimum Swing Radius       4.46 m (14 ft. 8 in.)       4.47 m (14 ft. 8 in.)         F       Maximum Vertical Wall       6.42 m (21 ft. 1 in.)       7.27 m (23 ft. 10 in.)	SAE	225.2 kN (50,628 lb.)	225.2 kN (50,628 lb.)	
Ground Level 6.1-m (20 ft.) Reach (with power boost)         A       Maximum Reach       11.10 m (36 ft. 5 in.)       11.86 m (38 ft. 11 in.)         A <sup>I</sup> Maximum Reach       11.10 m (36 ft. 5 in.)       11.67 m (38 ft. 3 in.)         B <sup>I</sup> Maximum Digging Depth       7.38 m (24 ft. 3 in.)       8.18 m (26 ft. 10 in.)         B <sup>I</sup> Maximum Digging Depth at 2.44-m       7.21 m (23 ft. 8 in.)       8.04 m (26 ft. 5 in.)         (8 ft. 0 in.)       Flat Bottom       10.36 m (34 ft. 0 in.)       10.75 m (35 ft. 3 in.)         D       Maximum Dumping Height       7.24 m (23 ft. 9 in.)       7.63 m (25 ft. 0 in.)         E       Minimum Swing Radius       4.46 m (14 ft. 8 in.)       4.47 m (14 ft. 8 in.)         F       Maximum Vertical Wall       6.42 m (21 ft. 1 in.)       7.27 m (23 ft. 10 in.)	ISO	246.0 kN (55,303 lb.)	246.0 kN (55,303 lb.)	
(with power boost)         A Maximum Reach       11.10 m (36 ft. 5 in.)         A' Maximum Reach       11.10 m (36 ft. 5 in.)         A' Maximum Reach at Ground Level       10.89 m (35 ft. 9 in.)         B Maximum Digging Depth       7.38 m (24 ft. 3 in.)         B' Maximum Digging Depth at 2.44-m       7.21 m (23 ft. 8 in.)         (8 ft. 0 in.) Flat Bottom       10.36 m (34 ft. 0 in.)         C Maximum Dumping Height       10.36 m (34 ft. 0 in.)         D Maximum Dumping Height       7.24 m (23 ft. 9 in.)         7.63 m (25 ft. 0 in.)         E Minimum Swing Radius       4.46 m (14 ft. 8 in.)         F Maximum Vertical Wall       6.42 m (21 ft. 1 in.)	Lifting Capacity Over Front at	13 539 kg (29,848 lb.)	13 254 kg (29,220 lb.)	ī ī / 🌄 🚺 🗟
A       Maximum Reach       11.10 m (36 ft. 5 in.)       11.86 m (38 ft. 11 in.)         A <sup>I</sup> Maximum Reach at Ground Level       10.89 m (35 ft. 9 in.)       11.67 m (38 ft. 3 in.)         B       Maximum Digging Depth       7.38 m (24 ft. 3 in.)       8.18 m (26 ft. 10 in.)         B <sup>I</sup> Maximum Digging Depth at 2.44-m       7.21 m (23 ft. 8 in.)       8.04 m (26 ft. 5 in.)         (8 ft. 0 in.)       F       10.36 m (34 ft. 0 in.)       10.75 m (35 ft. 3 in.)         D       Maximum Dumping Height       7.24 m (23 ft. 9 in.)       7.63 m (25 ft. 0 in.)         E       Minimum Swing Radius       4.46 m (14 ft. 8 in.)       4.47 m (14 ft. 8 in.)         F       Maximum Vertical Wall       6.42 m (21 ft. 1 in.)       7.27 m (23 ft. 10 in.)	Ground Level 6.1-m (20 ft.) Reach			
A       Maximum Reach       11.10 m (36 ft. 5 in.)       11.86 m (38 ft. 11 in.)         A <sup>I</sup> Maximum Reach at Ground Level       10.89 m (35 ft. 9 in.)       11.67 m (38 ft. 3 in.)         B       Maximum Digging Depth       7.38 m (24 ft. 3 in.)       8.18 m (26 ft. 10 in.)         B <sup>I</sup> Maximum Digging Depth at 2.44-m       7.21 m (23 ft. 8 in.)       8.04 m (26 ft. 5 in.)         (8 ft. 0 in.)       F       10.36 m (34 ft. 0 in.)       10.75 m (35 ft. 3 in.)         D       Maximum Dumping Height       7.24 m (23 ft. 9 in.)       7.63 m (25 ft. 0 in.)         E       Minimum Swing Radius       4.46 m (14 ft. 8 in.)       4.47 m (14 ft. 8 in.)         F       Maximum Vertical Wall       6.42 m (21 ft. 1 in.)       7.27 m (23 ft. 10 in.)	(with power boost)			
A <sup>1</sup> Maximum Reach at Ground Level       10.89 m (35 ft. 9 in.)       11.67 m (38 ft. 3 in.)         B       Maximum Digging Depth       7.38 m (24 ft. 3 in.)       8.18 m (26 ft. 10 in.)         B <sup>1</sup> Maximum Digging Depth at 2.44-m       7.21 m (23 ft. 8 in.)       8.04 m (26 ft. 5 in.)         (8 ft. 0 in.) Flat Bottom       10.36 m (34 ft. 0 in.)       10.75 m (35 ft. 3 in.)         D       Maximum Dumping Height       7.24 m (23 ft. 9 in.)       7.63 m (25 ft. 0 in.)         E       Minimum Swing Radius       4.46 m (14 ft. 8 in.)       4.47 m (14 ft. 8 in.)         F       Maximum Vertical Wall       6.42 m (21 ft. 1 in.)       7.27 m (23 ft. 10 in.)		11.10 m (36 ft. 5 in.)		
B       Maximum Digging Depth       7.38 m (24 ft. 3 in.)       8.18 m (26 ft. 10 in.)         B <sup>I</sup> Maximum Digging Depth at 2.44-m       7.21 m (23 ft. 8 in.)       8.04 m (26 ft. 5 in.)         (8 ft. 0 in.) Flat Bottom       10.36 m (34 ft. 0 in.)       10.75 m (35 ft. 3 in.)         C       Maximum Dumping Height       7.24 m (23 ft. 9 in.)       7.63 m (25 ft. 0 in.)         B       Minimum Swing Radius       4.46 m (14 ft. 8 in.)       4.47 m (14 ft. 8 in.)         F       Maximum Vertical Wall       6.42 m (21 ft. 1 in.)       7.27 m (23 ft. 10 in.)	A <sup>1</sup> Maximum Reach at Ground Level	10.89 m (35 ft. 9 in.)		
b       Maximum Dirgsing Depinter 2.11 m (25 ft: 0 m.)       0.01 m (25 ft: 0 m.)         (8 ft. 0 in.) Flat Bottom       10.36 m (34 ft. 0 in.)       10.75 m (35 ft. 3 in.)         D       Maximum Dumping Height       7.24 m (23 ft. 9 in.)       7.63 m (25 ft. 0 in.)         E       Minimum Swing Radius       4.46 m (14 ft. 8 in.)       4.47 m (14 ft. 8 in.)         F       Maximum Vertical Wall       6.42 m (21 ft. 1 in.)       7.27 m (23 ft. 10 in.)	B Maximum Digging Depth			A
C         Maximum Cutting Height         10.36 m (34 ft. 0 in.)         10.75 m (35 ft. 3 in.)           D         Maximum Dumping Height         7.24 m (23 ft. 9 in.)         7.63 m (25 ft. 0 in.)           E         Minimum Swing Radius         4.46 m (14 ft. 8 in.)         4.47 m (14 ft. 8 in.)           F         Maximum Vertical Wall         6.42 m (21 ft. 1 in.)         7.27 m (23 ft. 10 in.)	B <sup>1</sup> Maximum Digging Depth at 2.44-m	7.21 m (23 ft. 8 in.)	8.04 m (26 ft. 5 in.)	
D         Maximum Dumping Height         7.24 m (23 ft. 9 in.)         7.63 m (25 ft. 0 in.)           E         Minimum Swing Radius         4.46 m (14 ft. 8 in.)         4.47 m (14 ft. 8 in.)           F         Maximum Vertical Wall         6.42 m (21 ft. 1 in.)         7.27 m (23 ft. 10 in.)				
D         Maximum Dumping Height         7.24 m (23 ft. 9 in.)         7.63 m (25 ft. 0 in.)           E         Minimum Swing Radius         4.46 m (14 ft. 8 in.)         4.47 m (14 ft. 8 in.)           F         Maximum Vertical Wall         6.42 m (21 ft. 1 in.)         7.27 m (23 ft. 10 in.)	C Maximum Cutting Height	10.36 m (34 ft. 0 in.)	10.75 m (35 ft. 3 in.)	
F Maximum Vertical Wall         6.42 m (21 ft. 1 in.)         7.27 m (23 ft. 10 in.)		7.24 m (23 ft. 9 in.)		
	E Minimum Swing Radius	4.46 m (14 ft. 8 in.)	4.47 m (14 ft. 8 in.)	
<b>G</b> Tail-Swing Radius 3.60 m (11 ft. 10 in.) 3.60 m (11 ft. 10 in.)	F Maximum Vertical Wall	6.42 m (21 ft. 1 in.)	7.27 m (23 ft. 10 in.)	
	G Tail-Swing Radius	3.60 m (11 ft. 10 in.)	3.60 m (11 ft. 10 in.)	

M	achine Dimensions	380G LC
Α	Overall Length	
	3.2 m (10 ft. 6 in.) Heavy Duty	11.20 m (36 ft. 9 in.)
	4.0 m (13 ft. 1 in.)	11.29 m (37 ft. 1 in.)
В	Overall Height	
	3.2 m (10 ft. 6 in.) Heavy Duty	3.27 m (10 ft. 9 in.)
	4.0 m (13 ft. 1 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	4.05 m (13 ft. 3 in.)
	Centerline	
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.)
Н	Cab Height	3.17 m (10 ft. 5 in.)
1	Track Width	700 mm (28 in.) Heavy Duty / 800 mm (32 in.) Heavy Duty
J	Gauge Width	2.59 m (8 ft. 6 in.)
K	Ground Clearance	0.50 m (20 in.)
L	Overall Width with Shoes	
	700 mm (28 in.) Heavy Duty	3.29 m (10 ft. 10 in.)
	800 mm (32 in.) Heavy Duty	3.39 m (11 ft. 2 in.)



 Lift Capacities

 Boldface type indicates hydraulically limited capacity; lightface type indicates stability-limited capacities, in kg (lb.). All lift capacities are based on ISO 10567 (with power boost). Machine equipped with 1270-kg (2,800 lb.) bucket and 800-mm (32 in.) Heavy-Duty shoes; 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.

 Load Point Height
 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	ht 1.5 m (5 ft.) 3.0 m (10 ft.)		4.5 m (	15 ft.)	6.0 m (	6.0 m (20 ft.)		25 ft.)	9.0 m (30 ft.)				
Horizontal Distance from Centerline of Rotation	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 3.2-m (10 ft. 6 in.) Heavy-Duty	With 3.2-m (10 ft. 6 in.) Heavy-Duty arm												
6.0 m (20 ft.)									7806 (17,082)	6710 (14,371)			
4.5 m (15 ft.)							9878 (21,357)	9578 (20,618)	8475 (18,430)	6515 (13,985)	6368	4579	
3.0 m (10 ft.)					16 096 (34,555)	14 063 (30,342)	11 549 (24,944)	8981 (19,352)	9351 (20,278)	6241 (13,410)	7495 (16,066)	4479 (9,578)	
1.5 m (5 ft.)					18 594 (40,102)	13 091 (28,200)	12 991 (28,079)	8462 (18,225)	9974 (21,440)	5961 (12,817)	7360 (15,795)	4356 (9,329)	
Ground Line					19 348 (41,891)	12 683 (27,271)	13 792 (29,848)	8133 (17,503)	9747 (20,953)	5757 (12,380)	7262 (15,602)	4266 (9,152)	
–1.5 m (–5 ft.)			11 896 (27,023)	11 896 (27,023)	18 817 (40,794)	12 614 (27,102)	<b>13 787</b> (29,755)	8003 (17,218)	9650 (20,751)	5670 (12,198)			
–3.0 m (–10 ft.)	14 227 (31,928)	14 227 (31,928)	19 619 (44,624)	19 619 (44,624)	17 190 (37,195)	12 755 (27,413)	12 828 (27,670)	8053 (17,335)	9604 (20,489)	5735 (12,369)			
–4.5 m (–15 ft.)			18 938 (40,693)	18 938 (40,693)	14 064 (30,129)	13 113 (28,219)	10 310 (21,788)	8318 (17,958)					

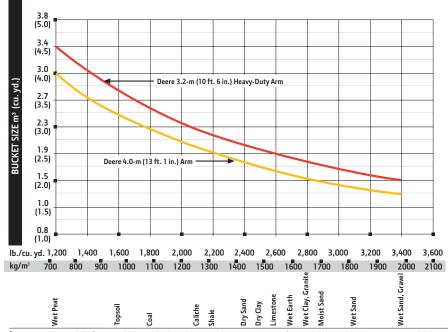
### Lift Capacities (continued) 380G LC Boldface type indicates hydraulically limited capacity; lightface type indicates stability-limited capacities, in kg (lb.). All lift capacities are based on ISO 10567 (with power boost). Machine equipped with 1270-kg (2,800 lb.) bucket and 800-mm (32 in.) Heavy-Duty shoes; 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. 3.0 m (10 ft.) Load Point Height 1.5 m (5 ft.) 4.5 m (15 ft.) 6.0 m (20 ft.) Horizontal Distance from Over Side Over Side nterline of Rotation Over Front Over Front Over Side Over Front Over Front

Centerline of Rotation	Over Front	Over Side										
With 4.0-m (13 ft. 1 in.) arm												
7.5 m (25 ft.)												
									(14,562)	(14,562)		
6.0 m (20 ft.)									6939	6939	5716	4868
									(15,179)	(14,954)	(11,000)	(10,368)
4.5 m (15 ft.)									7721	6752	7114	4789
									(16,795)	(14,497)	(15,557)	(10,238)
3.0 m (10 ft.)					14 260	14 260	10 586	9333	8725	6451	7629	4642
					(30,632)	(30,632)	(22,873)	(20,101)	(18,928)	(13,862)	(16,451)	(9,938)
1.5 m (5 ft.)					17 458	13 633	12 311	8747	9704	6133	7490	4478
					(37,630)	(29,362)	(26,612)	(18,836)	(21,034)	(13,184)	(16,079)	(9,597)
Ground Line			6730	6730	19 133	12 967	13 503	8322	9874	5875	7341	4342
			(15,403)	(15,403)	(41,379)	(27,888)	(29,220)	(17,910)	(21,222)	(12,630)	(15,767)	(9,311)
–1.5 m (–5 ft.)	6799	6799	10 863	10 863	19 370	12713	13 946	8095	9704	5722	7261	4268
	(15,210)	(15,210)	(24,660)	(24,660)	(41,953)	(27,321)	(29,966)	(17,412)	(20,858)	(12,303)	(15,610)	(9,166)
–3.0 m (–10 ft.)	11 387	11 387	16 293	16 293	18 425	12 723	13 529	8047	9672	5694		
	(25,561)	(25,561)	(36,911)	(36,911)	(39,871)	(27,341)	(29,232)	(17,314)	(20,804)	(12,255)		
–4.5 m (–15 ft.)	16 888	16 888	22 921	22 921	16 178	12 944	11 969	8177	8663	5840		
	(37,963)	(37,963)	(49,377)	(49,377)	(34,814)	(27,840)	(25,643)	(17,618)	(18,124)	(12,627)		
–6.0 m (–20 ft.)			16 336	16 336	11 807	11 807	7965	7965				
			(34.418)	(34.418)	(24.741)	(24.741)						

### Buckets

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 Fanggs<sup>™</sup> teeth or ESCO 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.

Tura Bushat	Bushet	A/: J+L	Ducket	Constitu	Ducket	Mainha	Dualvat I	Die Ferre	Arm Di 3.2 m (10	) ft. 6 in.)	Arm Dig		Dualist T	n Dadius	Number of Teeth
Type Bucket	Bucket Width		Bucket Capacity		Bucket Weight		Bucket Dig Force		Heavy Duty		4.0 m (13 ft. 1 in.)		Bucket Tip Radius		Number of leeth
	mm	in.	m <sup>3</sup>	cu. yd.	kg	lb.	kN	lb.	kN	lb.	kN	lb.	mm	in.	
Heavy Duty															
Plate Lip	915	36	1.13	1.5	971	2,140	225.2	496	177.6	392	152.6	337	1600	63.0	4
	1065	42	1.34	1.7	1003	2,212	225.2	496	177.6	392	152.6	337	1600	63.0	5
	1220	48	1.55	2.0	1055	2,326	225.2	496	177.6	392	152.6	337	1600	63.0	6
	1372	54	1.76	2.3	1161	2,559	225.2	496	177.6	392	152.6	337	1600	63.0	6
Heavy Duty															
High Capacity	760	30	0.96	1.3	1142	2,518	204.2	450	171.7	379	148.3	327	1765	69.5	4
	915	36	1.19	1.6	1263	2,783	204.2	450	171.7	379	148.3	327	1765	69.5	4
	1065	42	1.41	1.8	1416	3,123	204.2	450	171.7	379	148.3	327	1765	69.5	5
	1220	48	1.64	2.1	1506	3,321	204.2	450	171.7	379	148.3	327	1765	69.5	6
	1372	54	1.87	2.4	1617	3,565	204.2	450	171.7	379	148.3	327	1765	69.5	6
<b>Bucket Selecti</b>	ion Guide*														



<sup>1</sup>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.

9.0 m (30 ft.)

7.5 m (25 ft.)

### Additional equipment

350G	380G	Engine	350G
۲		Auto-idle system	•
		Automatic belt-tension device	
٠		Batteries (2 – 12 volt)	•
		Coolant recovery tank	
٠		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	•
		Cool-on-demand hydraulic-driven fan	
		500-hour engine-oil-change interval	
		70% (35 deg.) off-level capability	•
		Engine-oil-sampling valve	
		Chrome exhaust stack	•
		Electric ether starting aid	
		Hydraulic fan reverser	•
		Engine coolant heater	•
		Severe-duty fuel filter	
		Hydraulic System	
	٠	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	
٠	٠	Auto power lift	
		5,000-hour hydraulic-oil-change interval	
٠	•	Hydraulic-oil-sampling valve	
		Auxiliary hydraulic lines	
		Auxiliary pilot and electric controls	
		Hydraulic filter restriction indicator kit	•
		Load-lowering control / Anti-drift device	
		Single-pedal propel control	•
		Control pattern change valve	•
		Undercarriage	
		Planetary drive with axial piston motors	•
		Propel motor shields	•
•	•	Spring-applied, hydraulically released automatic propel brake	
		Track guides, front idler and 3 additional	
		2-speed propel with automatic shift	•
		Upper carrier rollers (2)	
		Sealed and lubricated track chain	
•	-	Triple semi-grouser shoes, 600 mm	•
-		(24 in.) Triple comi groucer choos, 700 mm	•
•		Triple semi-grouser shoes, 700 mm (28 in.)	•

**Key:** ● Standard ▲ Optional or special

380G Undercarriage (continued) Single-bar shoes, 700 mm (28 in.) Heavy Duty Triple semi-grouser shoes, 800 mm (32 in.) Triple semi-grouser shoes, 800 mm (32 in.) Heavy Duty Undercarriage frame opening guard Upperstructure Right-hand, left-hand, and counterweight 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 resin thrust plates Tungsten carbide thermal coating on arm-to-bucket joint Arm, 2.66 m (8 ft. 9 in.) Arm, 3.2 m (10 ft. 6 in.) Arm, 3.2 m (10 ft. 6 in.) Heavy Duty Arm, 4.0 m (13 ft. 1 in.) Attachment quick-couplers Boom cylinder with plumbing to mainframe for less boom and arm Buckets: Heavy duty / Heavy-duty high capacity / Side cutters and teeth "D" channel guard Material clamps Super-long fronts **Operator's Station** Adjustable independent-control positions (levers-to-seat, seat-to-pedals) AM/FM radio Auto climate control/air conditioner/ heater/pressurizer Built-in Operator's Manual storage compartment and manual 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 Gauges (illuminated): Engine coolant / Fuel Horn, electric Hourmeter, electric

See your John Deere dealer for further information.

350G 380G	Operator's Station (continued)
5500 5000	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 auto- matic 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 indi- cator 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 indica- tor, and work-mode indicator
• •	Motion alarm with cancel switch (con- forms 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
	Air-suspension heated seat
	24- to 12-volt D.C. radio convertors, 10 amp
	Hydraulic oil filter restriction indicator light
	Protection screens for cab front, rear, and side
	Seat belt, 76 mm (3 in.), non-retractable
	Window vandal-protection covers
	Electrical
• •	100-amp alternator
• •	Blade-type multi-fused circuits
•••	Positive-terminal battery covers JDLink <sup>™</sup> wireless communication system (available in specific countries; see your dealer for details)
	Rearview camera
	Cab extension wiring harness
	Lights
• •	Work lights: Halogen / One mounted on boom / One mounted on frame
	2 lights mounted on cab / One mounted

on right side of boom

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 1370-mm (54 in.) buckets, full fuel tanks, and 79-kg (175 lb.) operators; a 350G LC unit with 6928-kg (15,274 lb.) counterweight and 800-mm (32 in.) triple semi-grouser shoes; and a 380G LC unit with 7629-kg (16,819 lb.) counterweight and 800-mm (32 in.) heavy-duty triple semi-grouser shoes.

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