

G-SERIES  
**EXCAVATORS**



JOHN DEERE

350G LC / 380G LC



**HEAVY  
HITTERS**





RELIABLE

+



PRODUCTIVE



M





**MUSCLE UP.**





## ***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. Customer-inspired upgrades include Powerwise Plus™ technology that boosts performance on demand. Standard pattern-control switch for more effortless operation. Reimagined cab comforts. Plus options such as hydraulic single-pedal propel system, deluxe LED lighting, and debris-deflecting track-frame undercover. The 350G LC and 380G LC deliver what you've come to expect in midsize John Deere excavators, so you can rely on doing more.



# INPUT = OUTPUT

*YOUR IDEAS HELP US INNOVATE.*

When we redesigned our 350G LC and 380G LC Excavators, we put some good ideas to work — yours. Read on to see what you inspired us to add to the equation.

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## **Keep it clean**

Optional adjustable rotary precleaner pulls clean air into the system — a must in harsh jobsite conditions.

## **Control pattern**

Pattern-control switch is a standard feature instead of a field-kit option.

## **Waste not**

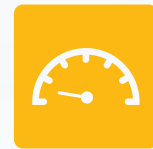
Auto-idle speed can be lowered to a more fuel-efficient 800 rpm.

## **Performance plus**

Powerwise Plus technology delivers fuel-efficient power when you need it.

## **Going forward**

Hydraulic single-pedal propel system enables straight-line machine tracking without articulating both hand and foot pedals.



**SET AUTO-IDLE  
TO 800 RPM TO  
SAVE FUEL**





A yellow Deere 350G excavator is shown in a construction setting. The excavator's arm, which has "DEERE" written on it, is raised. The body of the machine is yellow with "350G" printed on the side. It is positioned on a dirt surface with a large pile of excavated earth in the foreground. In the background, there is a multi-story brick building with many windows. The sky is blue with some clouds.

STANDOUT FEATURE

*POWERWISE PLUS™*  
**TECHNOLOGY.**





## ***NOW THAT'S A PLUS WORK HARDER. AND SMARTER.***

Who says you have to choose between working harder and working smarter? With our Powerwise Plus hydraulic-management system that delivers on-demand muscle, these excavators do both — combining their extra ability with typically smooth operation and finesse. Add three power modes and power boost, and these excavators provide what you need to give productivity an extra push. Combining brawn and brains, our G-Series is a wise choice.

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### **Utility tools**

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

### **Cycle times**

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.

### **Need a boost?**

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

### **Intuitive technology**

John Deere Powerwise Plus technology delivers on-demand power when you need it. Precise pump flow when the pilot controls are metered provides reliable, fuel-efficient performance.

### **Extra able and stable**

The 380G LC has extra stability and lift capacity. Its standard heavy-duty boom, 10-ft. 6-in. heavy-duty arm, and durable undercarriage provide the stamina and strength to handle demanding pipe-line, demolition, and scrap-handling tasks.



PRESS POWER  
BOOST FOR  
**MORE  
MUSCLE**







## ***TURN UP THE COMFORT*** ***OPERATING EASE TAKES A TURN FOR THE BETTER.***

Refined LCD monitor employs a rotary control that makes it quick and easy to tap into an abundance of performance and convenience functions and features. Single-pedal propel keeps the machine moving straight forward. Operators will also appreciate the comfortable fabric-covered high-back seat and increased legroom in the spacious, well-appointed cab. As always, virtually unobstructed all-round visibility, low-effort joysticks, a highly efficient HVAC system, and numerous other amenities provide what you need to do your best work.





3-WAY ADJUSTABLE  
**PREMIUM  
LEATHER SEAT**  
(OPTIONAL)

#### **Stow your stuff**

There's 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.

#### **Put some light on it**

Optional deluxe LED lights at cab front and rear, boom, and toolbox illuminate when your workday extends beyond daylight. They use less power, output more light, last longer, and are easy to replace when needed.

#### **It's easy to see**

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 rearview camera that displays the action behind on the monitor.

#### **Pedal propel**

Hydraulic single-pedal propel system moves the machine when and where you need it to without having to articulate both the hand and foot pedals.

#### **Calm, cool, and collected**

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

#### **Take control**

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.

#### **Dial it up**

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. A USB port helps keep you digitally connected.

#### **We've got your back**

Sculpted mechanical-suspension high-back seat with 10½ inches of travel slides together or independent of the joystick console. Opt for a premium air-suspension leather seat that adjusts three ways, is thermally heated and actively cooled, and includes a high-visibility orange seat belt.





**ROTARY  
PRECLEANER**  
*PULLS CLEAN AIR IN*



# ***DURABLE AND DEPENDABLE***

## ***NOTHING IS BUILT LIKE THESE DEERE.***

Things are tough on most jobsites. So we equipped the 350G LC and 380G LC with some equally tough features. Industry-exclusive double-seal swing bearing that delivers rock-solid durability. Mainframe single-sheet undercover thickened for added strength. Options like a track-frame undercover to keep debris from accumulating and an adjustable rotary precleaner that pulls clean air into the system no matter how harsh conditions are outside. When you consider how tough they're built, you'll run these Deere.

### **Wear coating**

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

### **Designed for durability**

Reinforced D-channel side frames provide maximum cab and component protection. Standard mainframe and optional track-frame undercovers add an extra layer of defense.

### **Stress resistance**

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

### **Get good grades**

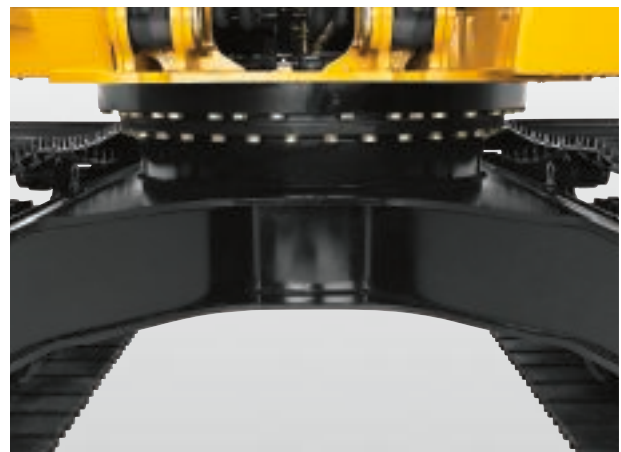
John Deere Grade Guidance arrives ready to work from the factory. Developed in conjunction with Topcon, Grade Guidance leverages the latest components and technology to help complete precision-excavation applications quickly and more efficiently. Integration with the conveniently placed joysticks enables easy fingertip control.

### **Pattern of protection**

Standard pattern-control switch and fuel shutoff are well protected yet conveniently accessible at ground level.

### **FT4 engine technology**

John Deere PowerTech FT4/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 cooled exhaust gas recirculation (EGR), easy-to-maintain high-uptime exhaust filters, and selective catalytic reduction (SCR).





# **SIMPLIFIED SERVICE**

*IT'S ALL ABOUT UPTIME.*

## **At a glance**

Diagnostic displays and fluid-sample ports help speed preventative maintenance and troubleshooting.

## **Easy filter maintenance**

Vertical spin-on engine oil and fuel filters are conveniently located in the right rear compartment for easy ground-level servicing.

## **Bank on it**

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

## **Take out the trash**

Cooler cores' 10-fin-per-inch spacing lets trash easily pass to resist plugging. Swing-out coolers provide additional core access.

## **Keep it clean**

Highly-efficient, heavy-duty cooling system keeps things cool, even in harsh environments or high altitudes. Optional reversing fan back-blows cooler cores to reduce debris buildup.

## **Fuel savers**

Auto-idle automatically reduces speed to as low as 800 rpm when hydraulics aren't in use. Auto-shutdown further preserves precious fuel.

## **FT4 ash service**

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/Stage IV components are warranted for 10,000 hours.

## **Refill 'er up**

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.





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Get valuable insight with

**JOHN DEERE WORKSIGHT™**

The John Deere WorkSight suite of construction technology delivers **Productivity Solutions** to help you get more done, more efficiently. The in-base, five-year JDLink™ telematics subscription provides machine location, utilization data, and alerts to help you maximize productivity and efficiency. Other productivity solutions include grade-management and payload-weighing options.

To maximize uptime and lower costs, JDLink telematics also enables **John Deere Connected Support™**. John Deere's centralized Machine Health Monitoring Center analyzes data from thousands of connected machines, identifies trends, and develops actions to prevent downtime called Expert Alerts. Dealers use Expert Alerts to proactively address conditions that would otherwise likely lead to downtime. Your dealer can also monitor machine health and leverage remote diagnostics and programming capability to further diagnose problems and even update machine software without a time-consuming trip to the jobsite.







# 350G LC SPECIFICATIONS

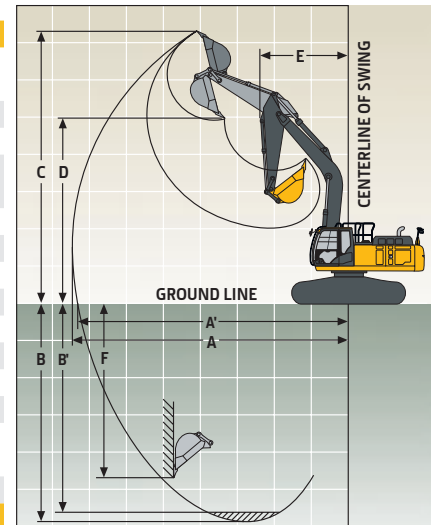
<b>Engine</b>	<b>350G LC</b>		
	<b>Base engine for use in U.S., U.S. Territories, and Canada</b>		
Manufacturer and Model	John Deere PowerTech™ PSS 9.0 L		
Non-Road Emission Standard	EPA Final Tier 4/EU Stage IV		
Net Rated Power (ISO 9249)	202 kW (271 hp) at 1,900 rpm		
Cylinders	6		
Displacement	9.0 L (549 cu. in.)		
Off-Level Capacity	70% (35 deg.)		
Aspiration	Series turbocharged, air-to-air charge-air cooler		
<b>Cooling</b>			
	Cool-on-demand hydraulic-driven, suction-type fan with remote-mounted drive		
<b>Powertrain</b>			
	2-speed propel with automatic shift		
<b>Maximum Travel Speed</b>			
Low	3.2 km/h (2.0 mph)		
High	5.0 km/h (3.1 mph)		
Drawbar Pull	30 350 kg (66,900 lb.)		
<b>Hydraulics</b>			
	Open center, load sensing		
<b>Main Pumps</b>	2 variable-displacement pumps		
Maximum Rated Flow	288 L/m (76.1 gpm) x 2		
<b>Pilot Pump</b>	1 gear		
Maximum Rated Flow	30.2 L/m (8.0 gpm)		
Pressure Setting	3900 kPa (566 psi)		
<b>System Operating Pressure</b>			
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)		
<b>Controls</b>	Pilot levers, short stroke, low-effort hydraulic pilot controls with shutoff lever		
<b>Cylinders</b>			
	<i>Bore</i>	<i>Rod Diameter</i>	<i>Stroke</i>
<b>Boom (2)</b>	145 mm (5.7 in.)	100 mm (3.9 in.)	1520 mm (59.8 in.)
<b>Arm (1)</b>	170 mm (6.7 in.)	115 mm (4.5 in.)	1740 mm (68.5 in.)
<b>Bucket (1)</b>	140 mm (5.5 in.)	95 mm (3.7 in.)	1250 mm (49.2 in.)
<b>Mass-Excavating (ME) Bucket (1)</b>	145 mm (5.7 in.)	95 mm (3.7 in.)	1250 mm (49.2 in.)
<b>Electrical</b>			
Number of Batteries (12 volt)	2		
Battery Capacity	1,400 CCA		
Alternator Rating	100 amp		
Work Lights	2 halogen (1 mounted on boom, 1 on frame)		
<b>Undercarriage</b>			
<b>Rollers (each side)</b>			
Carrier	2		
Track	8		
Shoes, Triple Semi-Grousers (each side)	48		
<b>Track</b>			
Adjustment	Hydraulic		
Guides	3 per side		
Chain	Sealed and lubricated		
<b>Ground Pressure</b>			
800-mm (32 in.) Triple Semi-Grouser Shoes	50.1 kPa (7.27 psi)		



# 350G LC SPECIFICATIONS



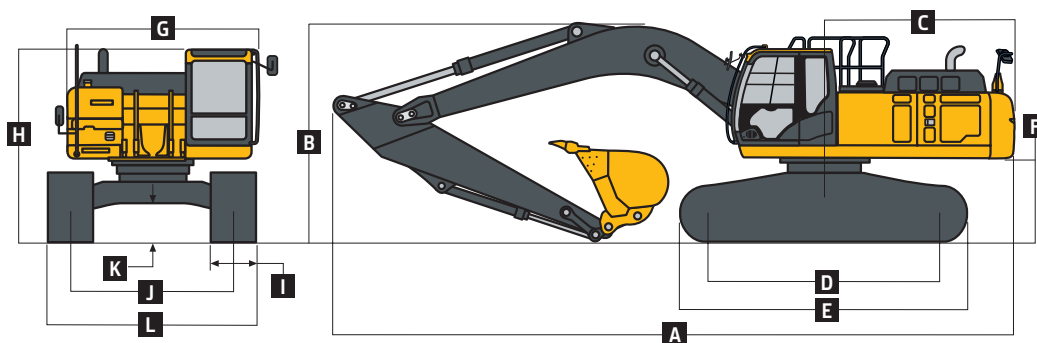
Swing Mechanism		350G LC	
Swing			
Speed	10.7 rpm		
Torque	120 000 Nm (88,500 lb.-ft.)		
Serviceability			
Refill Capacities			
Fuel Tank	628 L (166 gal.)		
Diesel Exhaust Fluid (DEF) Tank	35 L (9.3 gal.)		
Cooling System	39.7 L (10.5 gal.)		
Engine Oil with Filter	27 L (7.2 gal.)		
Hydraulic Tank	193 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.) operator; 1.84-m <sup>3</sup> (2.41 cu. yd.), 1370-mm (54 in.), 3718-kg (8,197 lb.) bucket; 4.0-m (13 ft. 1 in.) arm; 6917-kg (15,249 lb.) counterweight; and 800-mm (32 in.) triple semi-grouser shoes			
Operating Weight	36 131 kg (79,655 lb.)		
Component Weights			
Undercarriage with 800-mm (32 in.) Triple Semi-Grouser Shoes	12 750 kg (28,100 lb.)		
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.)		
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.)		
1.84-m <sup>3</sup> (2.41 cu. yd.), 1370-mm (54 in.) Heavy-Duty (HD) Bucket	3718 kg (8,197 lb.)		
Counterweight, Standard	6917 kg (15,249 lb.)		
Operating Dimensions			
Arm Length	2.1 m (6 ft. 10 in.) ME / 5.7-m (18 ft. 8 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 (61,822 lb.)	177.0 kN (39,791 lb.)	152.6 kN (34,314 lb.)
ISO	288.0 kN (64,745 lb.)	185.0 kN (41,590 lb.)	159.0 kN (35,745 lb.)
Bucket Digging Force			
SAE	229.0 kN (51,481 lb.)	214.0 kN (48,109 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.)
A Maximum Reach	9.41 m (30 ft. 10 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.)	10.89 m (35 ft. 9 in.)	11.67 m (38 ft. 3 in.)
B Maximum Digging Depth	5.62 m (18 ft. 5 in.)	7.38 m (24 ft. 3 in.)	8.18 m (26 ft. 10 in.)
B' Maximum Digging Depth at 2.44-m (8 ft. 0 in.) Flat Bottom	5.39 m (17 ft. 8 in.)	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.)	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.)	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.)	4.46 m (14 ft. 8 in.)	4.47 m (14 ft. 8 in.)
F Maximum Vertical Wall	4.15 m (13 ft. 7 in.)	6.42 m (21 ft. 1 in.)	7.27 m (23 ft. 10 in.)





## 350G LC

Machine Dimensions	350G LC		
	2.1 m (6 ft. 10 in.) ME / 5.7-m (18 ft. 8 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
<b>Arm Length</b>			
<b>A</b> Overall Length	10.99 m (36 ft. 1 in.)	11.20 m (36 ft. 9 in.)	11.29 m (37 ft. 0 in.)
<b>B</b> Overall Height	3.68 m (12 ft. 1 in.)	3.27 m (10 ft. 9 in.)	3.60 m (11 ft. 10 in.)
<b>C</b> Rear-End Length/Swing Radius	3.60 m (11 ft. 10 in.)	3.60 m (11 ft. 10 in.)	3.60 m (11 ft. 10 in.)
<b>D</b> Distance Between Idler/Sprocket Centerline	4.05 m (13 ft. 3 in.)	4.05 m (13 ft. 3 in.)	4.05 m (13 ft. 3 in.)
<b>E</b> Undercarriage Length	4.94 m (16 ft. 2 in.)	4.94 m (16 ft. 2 in.)	4.94 m (16 ft. 2 in.)
<b>F</b> Counterweight Clearance	1.18 m (3 ft. 10 in.)	1.18 m (3 ft. 10 in.)	1.18 m (3 ft. 10 in.)
<b>G</b> Upperstructure Width	2.99 m (9 ft. 10 in.)	2.99 m (9 ft. 10 in.)	2.99 m (9 ft. 10 in.)
<b>H</b> Cab Height	3.14 m (10 ft. 4 in.)	3.14 m (10 ft. 4 in.)	3.14 m (10 ft. 4 in.)
<b>I</b> Track Width with Shoes	600 mm (24 in.) / 700 mm (28 in.) / 800 mm (32 in.)	600 mm (24 in.) / 700 mm (28 in.) / 800 mm (32 in.)	600 mm (24 in.) / 700 mm (28 in.) / 800 mm (32 in.)
<b>J</b> Gauge Width	2.59 m (8 ft. 6 in.)	2.59 m (8 ft. 6 in.)	2.59 m (8 ft. 6 in.)
<b>K</b> Ground Clearance	0.50 m (20 in.)	0.50 m (20 in.)	0.50 m (20 in.)
<b>L</b> Overall Width with Shoes			
600 mm (24 in.)	3.19 m (10 ft. 6 in.)	3.19 m (10 ft. 6 in.)	3.19 m (10 ft. 6 in.)
700 mm (28 in.)	3.29 m (10 ft. 10 in.)	3.29 m (10 ft. 10 in.)	3.29 m (10 ft. 10 in.)
800 mm (32 in.)	3.39 m (11 ft. 2 in.)	3.39 m (11 ft. 2 in.)	3.39 m (11 ft. 2 in.)





## Lift Capacities

## 350G LC

**Boldface type** indicates hydraulically limited capacity; lightface type indicates stability-limited capacities, in kg (lb.). 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.

LOAD POINT HEIGHT	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 Front	Over Side	Over Front	Over Side	Over Front	Over Side	Over Front	Over Side	Over Front	Over Side	Over Front	Over Side
<i>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</i>												
6.0 m (20 ft.)							<b>10 841</b> <b>(23,900)</b>	8528 (18,800)				
4.5 m (15 ft.)					<b>14 674</b> <b>(32,350)</b>	13 245 (29,200)	<b>11 635</b> <b>(25,650)</b>	8187 (18,050)				
3.0 m (10 ft.)							<b>12 859</b> <b>(28,350)</b>	7756 (17,100)	8981 (19,800)	5330 (11,750)		
1.5 m (5 ft.)							12 701 (28,000)	7371 (16,250)	8800 (19,400)	5194 (11,450)		
Ground Line					<b>19 028</b> <b>(41,950)</b>	11 249 (24,800)	12 474 (27,500)	7189 (15,850)				
-1.5 m (-5 ft.)			<b>21 818</b> <b>(48,100)</b>	<b>21 818</b> <b>(48,100)</b>	<b>17 305</b> <b>(38,150)</b>	11 317 (24,950)	12 496 (27,550)	7212 (15,900)				
-3.0 m (-10 ft.)			<b>17 463</b> <b>(38,500)</b>	<b>17 463</b> <b>(38,500)</b>	<b>13 676</b> <b>(30,150)</b>	11 657 (25,700)						
<i>With 3.2-m (10 ft. 6 in.) arm, 6.4-m (21 ft. 0 in.) boom, and 1170-kg (2,580 lb.) bucket</i>												
6.0 m (20 ft.)									<b>8008</b> <b>(17,528)</b>	6249 (13,381)		
4.5 m (15 ft.)							<b>10 108</b> <b>(21,858)</b>	8940 (19,242)	<b>8700</b> <b>(18,923)</b>	6077 (13,042)	<b>6425</b>	4268
3.0 m (10 ft.)					<b>16 457</b> <b>(35,331)</b>	13 179 (28,428)	<b>11 834</b> <b>(25,561)</b>	8402 (18,102)	<b>9604</b> <b>(20,664)</b>	5832 (12,529)	7003 (15,009)	4180 (8,936)
1.5 m (5 ft.)					<b>19 033</b> <b>(41,053)</b>	12 300 (26,492)	<b>13 321</b> <b>(28,796)</b>	7933 (17,084)	9338 (20,070)	5579 (11,995)	6882 (14,768)	4069 (8,714)
Ground Line					<b>19 818</b> <b>(42,912)</b>	11 930 (25,649)	13 140 (28,219)	7635 (16,430)	9132 (19,628)	5395 (11,598)	6794 (14,592)	3988 (8,553)
-1.5 m (-5 ft.)			<b>11 956</b> <b>(27,138)</b>	<b>11 956</b> <b>(27,138)</b>	<b>19 291</b> <b>(41,824)</b>	11 864 (25,490)	13 002 (27,916)	7516 (16,168)	9042 (19,442)	5314 (11,431)		
-3.0 m (-10 ft.)	<b>14 280</b> <b>(32,048)</b>	<b>14 280</b> <b>(32,048)</b>	<b>19 673</b> <b>(44,674)</b>	<b>19 673</b> <b>(44,674)</b>	<b>17 649</b> <b>(38,194)</b>	11 988 (25,762)	13 051 (28,032)	7558 (16,269)	9105 (19,608)	5371 (11,580)		
-4.5 m (-15 ft.)			<b>19 521</b> <b>(41,956)</b>	<b>19 521</b> <b>(41,956)</b>	<b>14 491</b> <b>(31,054)</b>	12 307 (26,481)	<b>10 645</b> <b>(22,511)</b>	7794 (16,823)				



## 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.

LOAD POINT HEIGHT	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 Front	Over Side	Over Front	Over Side	Over Front	Over Side	Over Front	Over Side	Over Front	Over Side	Over Front	Over Side
<i>With 4.0-m (13 ft. 1 in.) arm, 6.4-m (21 ft. 0 in.) boom, and 1170-kg (2,580 lb.) bucket</i>												
7.5 m (25 ft.)									<b>(14,716)</b>	(13,856)		
6.0 m (20 ft.)									<b>7015</b>	6409	<b>5727</b>	4442
									<b>(15,348)</b>	(13,734)	<b>(11,021)</b>	(9,453)
4.5 m (15 ft.)									<b>7813</b>	6203	<b>7212</b>	4370
									<b>(16,997)</b>	(13,312)	<b>(15,462)</b>	(9,335)
3.0 m (10 ft.)					<b>14 409</b>	13 717	<b>10 708</b>	8612	<b>8838</b>	5923	7070	4234
					<b>(30,952)</b>	(29,563)	<b>(23,138)</b>	(18,543)	<b>(19,174)</b>	(12,721)	(15,160)	(9,058)
1.5 m (5 ft.)					<b>17 673</b>	12 624	<b>12 469</b>	8065	9401	8626	6904	4082
					<b>(38,094)</b>	(27,185)	<b>(26,955)</b>	(17,362)	(20,198)	(12,090)	(14,815)	(8,741)
Ground Line			<b>6735</b>	<b>6735</b>	<b>19 386</b>	12 004	13 195	7669	9133	5386	6766	3955
			<b>(15,416)</b>	<b>(15,416)</b>	<b>(41,927)</b>	(25,812)	(28,331)	(16,500)	(19,623)	(11,573)	(14,526)	(8,476)
-1.5 m (-5 ft.)	<b>6807</b>	<b>6807</b>	<b>10 880</b>	<b>10 880</b>	<b>19 638</b>	11 769	12 949	7458	8974	5244	6692	3887
	<b>(15,227)</b>	<b>(15,227)</b>	<b>(24,662)</b>	<b>(24,662)</b>	<b>(42,536)</b>	(25,286)	(27,797)	(16,037)	(19,285)	(11,269)	(14,381)	(8,342)
-3.0 m (-10 ft.)	<b>11 398</b>	<b>11 398</b>	<b>16 291</b>	<b>16 291</b>	<b>18 694</b>	11 779	12 899	7414	8945	5218		
	<b>(25,572)</b>	<b>(25,572)</b>	<b>(36,941)</b>	<b>(36,941)</b>	<b>(40,455)</b>	(25,307)	(27,693)	(15,947)	(19,236)	(11,226)		
-4.5 m (-15 ft.)	<b>16 873</b>	<b>16 873</b>	<b>23 293</b>	<b>23 293</b>	<b>16 436</b>	11 987	<b>12 165</b>	7536	<b>8817</b>	5356		
	<b>(38,021)</b>	<b>(38,021)</b>	<b>(50,183)</b>	<b>(50,183)</b>	<b>(35,373)</b>	(25,775)	<b>(26,067)</b>	(16,233)	<b>(18,456)</b>	(11,576)		
-6.0 m (-20 ft.)			<b>16 669</b>	<b>16 669</b>	<b>12 038</b>	<b>12 038</b>	<b>8137</b>	7927				
			<b>(35,135)</b>	<b>(35,135)</b>	<b>(25,239)</b>	<b>(25,239)</b>						

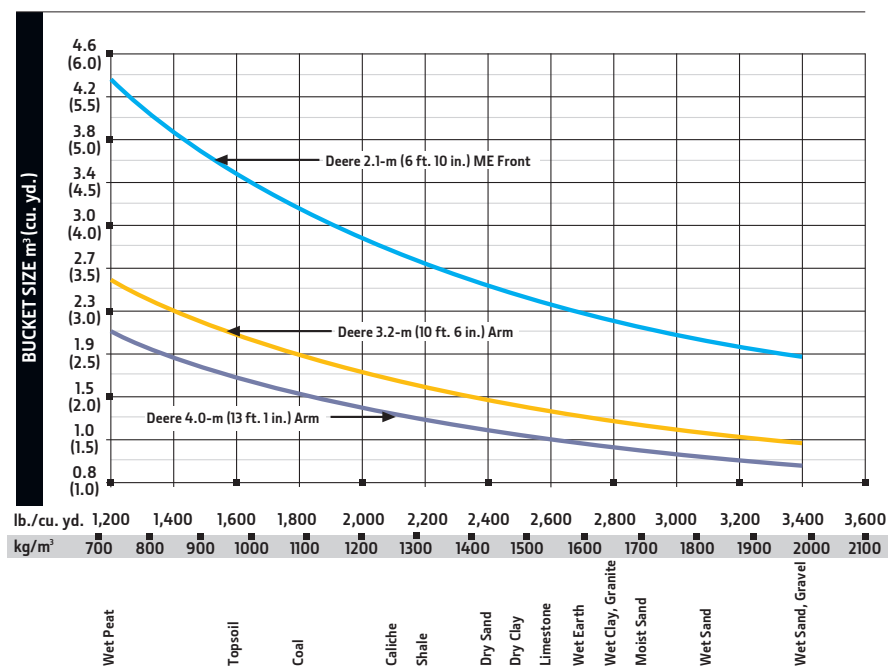
## Buckets

## 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™ 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	Bucket Width		Bucket Capacity		Bucket Weight		Bucket Dig Force		Arm Dig Force, 3.2 m (10 ft. 6 in.)		Arm Dig Force, 4.0 m (13 ft. 1 in.)		Bucket Tip Radius		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 Guide\*



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





# 380G LC SPECIFICATIONS

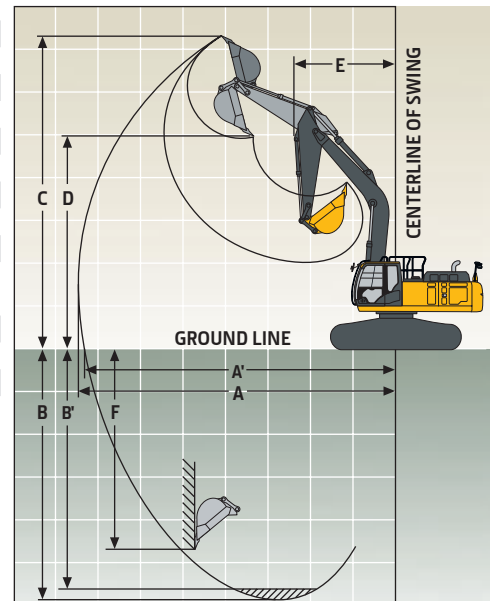
<b>Engine</b>	<b>380G LC</b>		
	<b>Base engine for use in U.S., U.S. Territories, and Canada</b>		
Manufacturer and Model	John Deere PowerTech™ PSS 9.0 L		
Non-Road Emission Standard	EPA Final Tier 4/EU Stage IV		
Net Rated Power (ISO 9249)	202 kW (271 hp) at 1,900 rpm		
Cylinders	6		
Displacement	9.0 L (549 cu. in.)		
Off-Level Capacity	70% (35 deg.)		
Aspiration	Series turbocharged, air-to-air charge-air cooler		
<b>Cooling</b>			
	Cool-on-demand hydraulic-driven, suction-type fan with remote-mounted drive		
<b>Powertrain</b>			
	2-speed propel with automatic shift		
<b>Maximum Travel Speed</b>			
Low	3.2 km/h (2.0 mph)		
High	5.0 km/h (3.1 mph)		
Drawbar Pull	30 350 kg (66,900 lb.)		
<b>Hydraulics</b>			
	Open center, load sensing		
<b>Main Pumps</b>	2 variable-displacement pumps		
Maximum Rated Flow	288 L/m (76.1 gpm) x 2		
<b>Pilot Pump</b>	1 gear		
Maximum Rated Flow	30.2 L/m (8.0 gpm)		
Pressure Setting	3900 kPa (566 psi)		
<b>System Operating Pressure</b>			
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)		
<b>Controls</b>	Pilot levers, short stroke, low-effort hydraulic pilot controls with shutoff lever		
<b>Cylinders</b>			
	<i>Bore</i>	<i>Rod Diameter</i>	<i>Stroke</i>
<b>Boom (2)</b>	145 mm (5.7 in.)	100 mm (3.9 in.)	1520 mm (59.8 in.)
<b>Arm (1)</b>	170 mm (6.7 in.)	115 mm (4.5 in.)	1740 mm (68.5 in.)
<b>Bucket (1)</b>	140 mm (5.5 in.)	95 mm (3.7 in.)	1250 mm (49.2 in.)
<b>Electrical</b>			
Number of Batteries (12 volt)	2		
Battery Capacity	1,400 CCA		
Alternator Rating	100 amp		
Work Lights	2 halogen (1 mounted on boom, 1 on frame)		
<b>Undercarriage</b>			
<b>Rollers (each side)</b>			
Carrier	2		
Track	8		
Shoes, Triple Semi-Grousers (each side)	48		
<b>Track</b>			
Adjustment	Hydraulic		
Guides	3 per side		
Chain	Sealed and lubricated		
<b>Ground Pressure</b>			
800-mm (32 in.) Heavy-Duty (HD) Triple Semi-Grouser Shoes	53.5 kPa (7.77 psi)		

# 380G LC SPECIFICATIONS



Swing Mechanism		380G LC
Swing		
Speed	10.7 rpm	
Torque	120 000 Nm (88,500 lb.-ft.)	
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.) operator; 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 in.) arm; 7629-kg (16,819 lb.) counterweight; and 800-mm (32 in.) HD triple semi-grouser shoes		
Operating Weight	38 208 kg (84,234 lb.)	
Component Weights		
Undercarriage, HD, with 800-mm (32 in.) HD Triple Semi-Grouser Shoes	13 550 kg (29,872 lb.)	
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-m <sup>3</sup> (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>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 (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.)

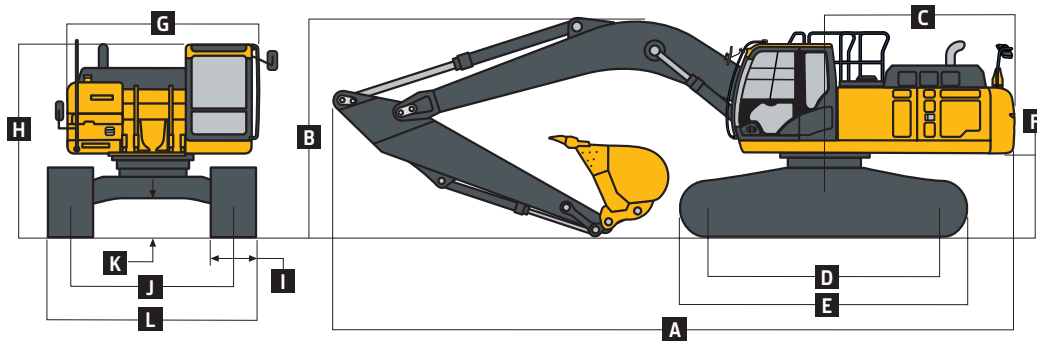
The diagram illustrates the operating dimensions of the 380G LC excavator. It shows the machine's reach, digging depth, and swing radius. Key dimensions are labeled: A (Maximum Reach), A' (Maximum Reach at Ground Level), B (Maximum Digging Depth), B' (Maximum Digging Depth at 2.44-m Flat Bottom), C (Maximum Cutting Height), D (Maximum Dumping Height), E (Minimum Swing Radius), and F (Maximum Vertical Wall). The diagram also shows the centerline of swing and the ground line.





## 380G LC

Machine Dimensions		380G LC	
<b>Arm Length</b>		3.2 m (10 ft. 6 in.) HD	4.0 m (13 ft. 1 in.)
<b>A</b> Overall Length		11.20 m (36 ft. 9 in.)	11.29 m (37 ft. 1 in.)
<b>B</b> Overall Height		3.27 m (10 ft. 9 in.)	3.60 m (11 ft. 10 in.)
<b>C</b> Rear-End Length/Swing Radius		3.60 m (11 ft. 10 in.)	3.60 m (11 ft. 10 in.)
<b>D</b> Distance Between Idler/Sprocket Centerline		4.05 m (13 ft. 3 in.)	4.05 m (13 ft. 3 in.)
<b>E</b> Undercarriage Length		4.94 m (16 ft. 2 in.)	4.94 m (16 ft. 2 in.)
<b>F</b> Counterweight Clearance		1.18 m (3 ft. 10 in.)	1.18 m (3 ft. 10 in.)
<b>G</b> Upperstructure Width		2.99 m (9 ft. 10 in.)	2.99 m (9 ft. 10 in.)
<b>H</b> Cab Height		3.17 m (10 ft. 5 in.)	3.17 m (10 ft. 5 in.)
<b>I</b> Track Width		700 mm (28 in.) HD / 800 mm (32 in.) HD	700 mm (28 in.) HD / 800 mm (32 in.) HD
<b>J</b> Gauge Width		2.59 m (8 ft. 6 in.)	2.59 m (8 ft. 6 in.)
<b>K</b> Ground Clearance		0.50 m (20 in.)	0.50 m (20 in.)
<b>L</b> Overall Width with Shoes			
700 mm (28 in.) HD		3.29 m (10 ft. 10 in.)	3.29 m (10 ft. 10 in.)
800 mm (32 in.) HD		3.39 m (11 ft. 2 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 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	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 Front	Over Side	Over Front	Over Side	Over Front	Over Side	Over Front	Over Side	Over Front	Over Side	Over Front	Over Side
<i>With 3.2-m (10 ft. 6 in.) HD arm</i>												
6.0 m (20 ft.)									<b>7806</b>	6710		
									<b>(17,082)</b>	(14,371)		
4.5 m (15 ft.)							<b>9878</b>	9578	<b>8475</b>	6515	<b>6368</b>	4579
							<b>(21,357)</b>	(20,618)	<b>(18,430)</b>	(13,985)		
3.0 m (10 ft.)					<b>16 096</b>	14 063	<b>11 549</b>	8981	<b>9351</b>	6241	7495	4479
					<b>(34,555)</b>	(30,342)	<b>(24,944)</b>	(19,352)	<b>(20,278)</b>	(13,410)	(16,066)	(9,578)
1.5 m (5 ft.)					<b>18 594</b>	13 091	<b>12 991</b>	8462	9974	5961	7360	4356
					<b>(40,102)</b>	(28,200)	<b>(28,079)</b>	(18,225)	(21,440)	(12,817)	(15,795)	(9,329)
Ground Line					<b>19 348</b>	12 683	<b>13 792</b>	8133	9747	5757	7262	4266
					<b>(41,891)</b>	(27,271)	<b>(29,848)</b>	(17,503)	(20,953)	(12,380)	(15,602)	(9,152)
-1.5 m (-5 ft.)			<b>11 896</b>	<b>11 896</b>	<b>18 817</b>	12 614	<b>13 787</b>	8003	9650	5670		
			<b>(27,023)</b>	<b>(27,023)</b>	<b>(40,794)</b>	(27,102)	(29,755)	(17,218)	(20,751)	(12,198)		
-3.0 m (-10 ft.)	<b>14 227</b>	<b>14 227</b>	<b>19 619</b>	<b>19 619</b>	<b>17 190</b>	12 755	<b>12 828</b>	8053	<b>9604</b>	5735		
	<b>(31,928)</b>	<b>(31,928)</b>	<b>(44,624)</b>	<b>(44,624)</b>	<b>(37,195)</b>	(27,413)	<b>(27,670)</b>	(17,335)	<b>(20,489)</b>	(12,369)		
-4.5 m (-15 ft.)			<b>18 938</b>	<b>18 938</b>	<b>14 064</b>	13 113	<b>10 310</b>	8318				
			<b>(40,693)</b>	<b>(40,693)</b>	<b>(30,129)</b>	(28,219)	<b>(21,788)</b>	(17,958)				

**Lift Capacities (continued)****380G LC**

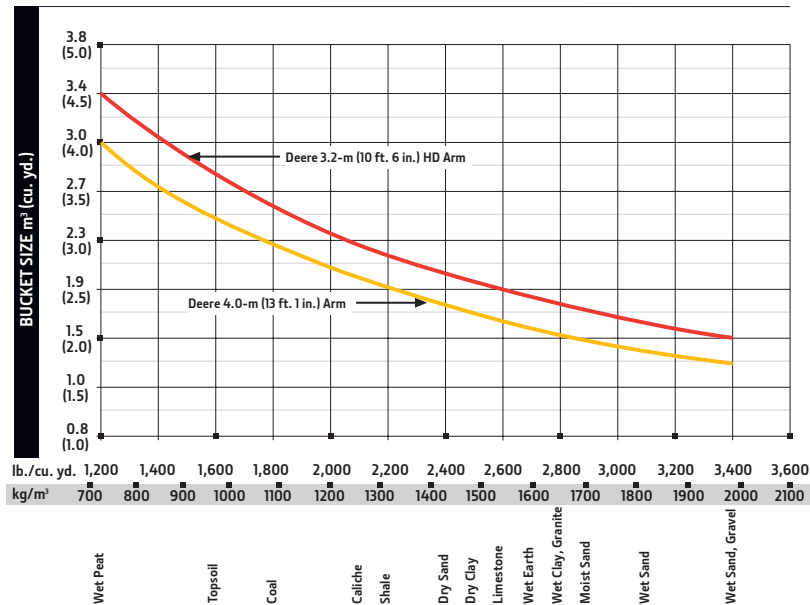
**Boldface type** indicates hydraulically limited capacity; lightface type indicates stability-limited capacities, in kg (lb.). All lift capacities are based on ISO 10567 (with power boost). Machine equipped with 1270-kg (2,800 lb.) bucket and 800-mm (32 in.) HD shoes; standard gauge; and situated on 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	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 Front	Over Side	Over Front	Over Side	Over Front	Over Side	Over Front	Over Side	Over Front	Over Side	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.)									<b>6939</b> (15,179)	<b>6939</b> (14,954)	<b>5716</b> (11,000)	4868 (10,368)
4.5 m (15 ft.)									<b>7721</b> (16,795)	6752 (14,497)	<b>7114</b> (15,557)	4789 (10,238)
3.0 m (10 ft.)					14 260 (30,632)	14 260 (30,632)	10 586 (22,873)	9333 (20,101)	<b>8725</b> (18,928)	6451 (13,862)	<b>7629</b> (16,451)	4642 (9,938)
1.5 m (5 ft.)					17 458 (37,630)	13 633 (29,362)	12 311 (26,612)	8747 (18,836)	<b>9704</b> (21,034)	6133 (13,184)	7490 (16,079)	4478 (9,597)
Ground Line			6730 (15,403)	6730 (15,403)	19 133 (41,379)	12 967 (27,888)	13 503 (29,220)	8322 (17,910)	9874 (21,222)	5875 (12,630)	7341 (15,767)	4342 (9,311)
-1.5 m (-5 ft.)	6799 (15,210)	6799 (15,210)	10 863 (24,660)	10 863 (24,660)	19 370 (41,953)	12 713 (27,321)	13 946 (29,966)	8095 (17,412)	9704 (20,858)	5722 (12,303)	7261 (15,610)	4268 (9,166)
-3.0 m (-10 ft.)	11 387 (25,561)	11 387 (25,561)	16 293 (36,911)	16 293 (36,911)	18 425 (39,871)	12 723 (27,341)	13 529 (29,232)	8047 (17,314)	9672 (20,804)	5694 (12,255)		
-4.5 m (-15 ft.)	16 888 (37,963)	16 888 (37,963)	22 921 (49,377)	22 921 (49,377)	16 178 (34,814)	12 944 (27,840)	11 969 (25,643)	8177 (17,618)	<b>8663</b> (18,124)	5840 (12,627)		
-6.0 m (-20 ft.)			16 336 (34,418)	16 336 (34,418)	11 807 (24,741)	11 807 (24,741)	7965 (17,618)	7965 (17,618)				

**Buckets**

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Type Bucket	Bucket Width		Bucket Capacity		Bucket Weight		Bucket Dig Force		Arm Dig Force 3.2 m (10 ft. 6 in.) HD		Arm Dig Force 4.0 m (13 ft. 1 in.)		Bucket Tip Radius		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
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	914	36	1.19	1.6	1263	2,783	204.2	450	171.7	379	148.3	327	1765	69.5	4
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	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 Guide\***

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



# Additional equipment

Key: ● Standard ▲ Optional or special

See your John Deere dealer for further information.

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
●	●	Fuel shutoff valve
●	●	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
▲	▲	Engine air precleaner
▲	▲	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
●	●	Control pattern change valve
●	●	Powerwise Plus™ hydraulic-management system
▲	▲	Auxiliary hydraulics with combination piping
▲	▲	Auxiliary pilot and electric controls
▲	▲	Hydraulic filter restriction indicator kit
▲	▲	Load-lowering control / Anti-drift device
▲	▲	Single-pedal propel control
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
●	●	Heavy-duty undercover
●	●	Triple semi-grouser shoes, 600 mm (24 in.)
●	●	Triple semi-grouser shoes, 700 mm (28 in.)

350G	380G	Undercarriage (continued)
●	●	Single-bar shoes, 700 mm (28 in.) Heavy Duty (HD)
●	●	Triple semi-grouser shoes, 800 mm (32 in.)
●	●	Triple semi-grouser shoes, 800 mm (32 in.) HD
▲	▲	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
▲	▲	"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, 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 mainframe for less boom and arm
▲	▲	Buckets: Heavy duty / Heavy-duty high capacity / Side cutters and teeth
▲	▲	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): Diesel Exhaust Fluid (DEF) / Engine coolant / Fuel
●	●	Horn, electric
●	●	Hour meter, electric
●	●	Hydraulic shutoff lever, all controls
●	●	Hydraulic warm-up control
●	●	Interior light

350G	380G	Operator's Station (continued)
●	●	Large cup holder
●	●	Machine Information Center (MIC)
●	●	Mode selectors (illuminated): Power modes (3) / Travel modes (2 with automatic shift) / Work mode (1)
●	●	Multifunction, color LCD monitor with: Diagnostic capability / Multiple-language capabilities / Maintenance tracking / Clock / System monitoring with alarm features: Auto-idle indicator, engine air cleaner restriction indicator light, engine check, engine coolant temperature indicator light with audible alarm, engine oil pressure indicator light with audible alarm, low-alternator-charge indicator light, low-fuel indicator light, 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 (conforms to SAE J994)
●	●	Power-boost switch on right console lever
●	●	Auxiliary hydraulic control switches in right console lever
●	●	SAE 2-lever control pattern
●	●	Seat belt, 76 mm (3 in.), non-retractable
●	●	Tinted glass
●	●	Transparent tinted overhead hatch
●	●	Hot/cold beverage compartment
●	●	USB charging port
▲	▲	Air-suspension heated seat
▲	▲	Hydraulic oil filter restriction indicator light
▲	▲	Premium thermally heated and actively cooled leather seat
▲	▲	Protection screens for cab front, rear, and side
▲	▲	Window vandal-protection covers
Grade Control		
▲	▲	Grade Guidance, factory integrated
Electrical		
●	●	100-amp alternator
●	●	Blade-type multi-fused circuits
●	●	Positive-terminal battery covers
●	●	JDLINK™ 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
▲	▲	LED light kit

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 6917-kg (15,249 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.

