135G/245G LC EXCAVATORS

13–24 metric tons

JOHN DEERE

Urban legends.

Whether your work is urban renewal, street repair, or underground utilities, the 135G and 245G LC deliver legendary performance. Their reduced-tail-swing configurations open up a wide range of possibilities — enabling them to work in and around obstacles and on congested jobsites. Plus, they're easy to transport to and from jobsites. Inside their spacious and comfortable cabs, easy-to-navigate enhanced LCD monitors let operators easily dial-in a wealth of machine info and functionality. Durable EPA Interim Tier 4 (IT4)/EU Stage IIIB diesels meet rigid emission regulations, so you can work, everywhere there's work — including nonattainment areas.

	135G	245G LC
Net rated power	72 kW (97 hp)	119 kW (159 hp)
Operating weight	13 900–14 900 kg (30,617–32,819 lb.)	25 500 kg (56,167 lb.)
Lifting capacity	2676 kg (5,900 lb.)	7032 kg (15,504 lb.)
Maximum digging depth	5.98 m (19 ft. 7 in.)	6.62 m (21 ft. 9 in.)
Arm digging force	60 kN (13,521 lb.)	114 kN (25,629 lb.)
Bucket digging force	96 kN (21,480 lb.)	158 kN (35,522 lb.)

With John Deere WorkSight™, JDLink™ provides real-time machine utilization and health data, plus location information. Fleet Care proactively suggests maintenance to correct problems early before they turn into costly downtime. And Service ADVISOR™ Remote enables your dealer to read diagnostic codes and record performance data 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 EPA IT4/EU Stage IIIB technology in our excavators is simple, fuel efficient, fully integrated, and fully supported. It employs field-proven cooled exhaust gas recirculation (EGR) for reducing NO_x, and a diesel particulate filter (DPF) and diesel oxidation catalyst (DOC) to reduce particulate matter.

Reduced-tail-swing design allows the 135G and 245G LC to rotate within a small radius, making them plenty productive around obstacles or in confined workspaces.

With increased weight and arm and dig force, the 245G LC provides noticeably more muscle than its predecessor.

Easy street.

Rush hour doesn't have to be risky business. Get one of our reduced-tail-swing excavators and give your operators some space. You'll find plenty of tasks for them off-road, too. Whether you're up against a wall or between a rock and a hard place, these close-quarter specialists open up congested jobsites, putting them in a position to maximize productivity. Operators won't have to bust their tails, either. Three work modes deliver the right power and response for the work at hand. Plus, these two are easy to transport between jobsites, so you can get in, get done, and get on to the next task.

Power/hydraulic management systems perfectly balance engine performance and hydraulic flow for predictable operation. Three productivity modes let an operator 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*** reduces top speed and helps save fuel.

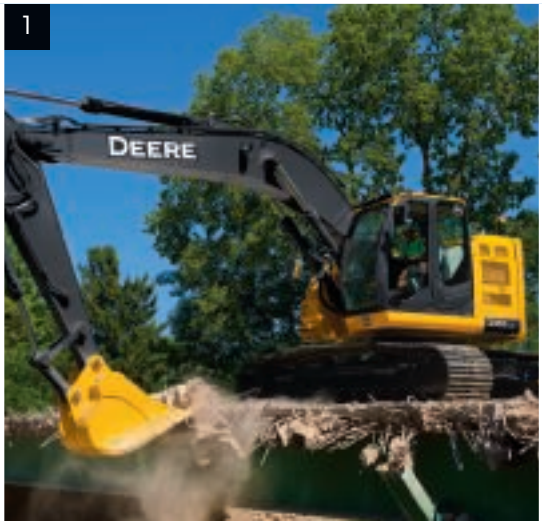
Choose from a variety of track widths, buckets, high-flow auxiliary hydraulics, and other options.

Machine Information Center (MIC) captures and stores vital machine performance and utilization data to help improve productivity, uptime, and profit.

1. When the going gets tough, simply press the power-boost button on the right-hand control and muscle through. It's standard on both excavators.

2. For tasks that require extra finesse, short-throw low-effort controls, one-of-a-kind metering, and smooth multifunction operation provide the precision you need.

3. 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.



Put more productivity on speed dial.

Now it's easier than ever for operators to "dial things up." The 135G and 245G LC's 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 your operators need to do their best work.

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

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

We've got your back with a sculpted mechanical-suspension high-back seat. Seat slides 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 available in the 245G LC.

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.

There's no shortage of storage in here, with cup holders and even a hot/cold box that keeps food or beverages at just the right temperature.

Standard boom/frame lights and cab/boom-mounted options provide illumination to extend your workday beyond normal daylight hours.

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

2. Wide expanse of front and side glass, narrow front cab posts, large overhead glass, and numerous mirrors provide virtually unobstructed all-around visibility. If you need to see more, choose the optional camera that displays the action behind on the monitor.

3. Automatic, high-velocity bi-level climate-control 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.

It's not just their smooth-as-silk operation that separates our excavators from the rest. Durability is unmatched, too. Highly efficient cooling systems keep things running cool, even in high-trash or high-altitude environments. You'll also profit from standard John Deere advantages such as tungsten-carbide thermal-coated arm surfaces, oil-impregnated bushings, and triple-bulkhead booms that maximize uptime and deliver long-term durability. When you know how they're built, you'll run a Deere.

A John Deere exclusive, three welded bulkheads within the boom resist torsional stress for unsurpassed durability. Booms, arms, and mainframes are so tough, they're warranted for three years or 10,000 hours.

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

Oil-impregnated bushings enhance durability and extend grease intervals to 500 hours for the arm-and-boom joint and 100 hours for the bucket joint.

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

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

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

3. Ground-level-accessible coolers with easily removed pre-cleaner screens help prevent trash from plugging up the cores — helping the G-Series maintain their cool-running efficiency.

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

5. TK-Series bucket teeth are engineered for maximum strength and impact absorption. Hammer-free installation and removal simplify changes, minimize downtime.

Uncover the many ways we help minimize maintenance.

Like all of our equipment, the 135G and 245G LC are loaded with features that make them hassle-free to service and low cost to maintain. Large, easy-to-open service doors and easy-access service points make quick work of daily and periodic maintenance. Easy-access vertical oil and fuel filters are simple to service. And extended engine and hydraulic oil-change intervals increase uptime. Plus, the Machine Information Center (MIC) and state-of-the-art diagnostic monitor help you make timely decisions about machine upkeep — empowering you to manage uptime and control operating costs.

Seamless diesel particulate filter (DPF) soot cleaning happens automatically without impacting machine productivity. Periodic DPF ash removal is condition based and should be performed by your John Deere dealer. Actual intervals may exceed EPA minimums and are affected by machine application and maintenance practices.

Machine Information Center captures and stores vital machine performance and utilization data to help improve uptime.

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

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

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

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

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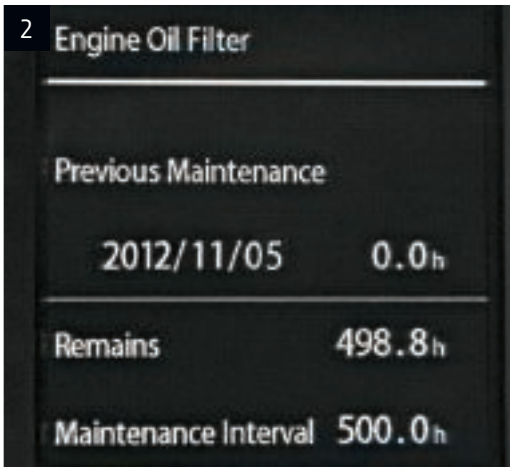

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1. Fluid-level sight gauges and see-through fluid containers are conveniently located and can be checked at a glance.

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

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

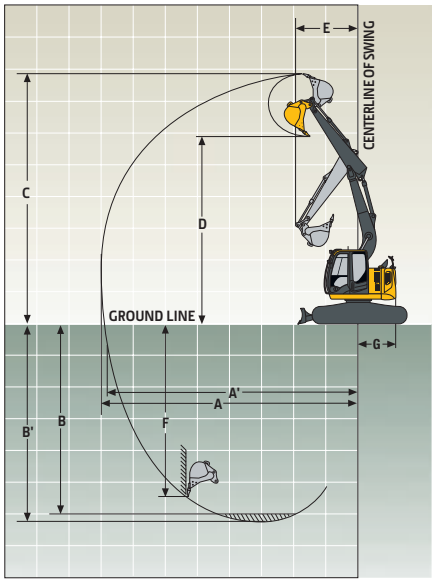
4. Easy-access dipstick and nearby engine oil fill make daily checks and/or additions quick and easy.

135G

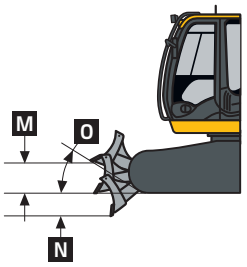
Engine	**135G**		
	Base engine for use in the U.S., U.S. Territories, and Canada		
Manufacturer and Model	Isuzu 4JJ1		
Non-Road Emissions Standard	EPA Interim Tier 4/EU Stage IIIB		
Net Rated Power (ISO 9249)	72 kW (97 hp) at 2,000 rpm		
Cylinders	4		
Displacement	3.0 L (182 cu. in.)		
Off-Level Capacity	70% (35 deg.)		
Aspiration	Turbocharged, air-to-air charge-air cooler		
Cooling			
Direct-drive suction-type fan			
Powertrain			
2-speed propel with automatic shift			
Maximum Travel Speed			
Low	3.4 km/h (2.1 mph)		
High	5.5 km/h (3.4 mph)		
Drawbar Pull	11 000 kg (24,251 lb.)		
Hydraulics			
Open center, load sensing			
Main Pumps	2 variable-displacement axial-piston pumps		
Maximum Rated Flow	105 L/m (28 gpm) x 2		
Pilot Pump	One gear		
Maximum Rated Flow	32.9 L/m (8.7 gpm)		
Pressure Setting	3930 kPa (570 psi)		
System Operating Pressure			
Circuits			
Implement	34 336 kPa (4,980 psi)		
Travel	34 336 kPa (4,980 psi)		
Swing	32 300 kPa (4,685 psi)		
Power Boost	36 300 kPa (5,265 psi)		
Controls	Pilot levers, short stroke, low-effort hydraulic pilot controls with shutoff lever		
Cylinders			
	Bore	*Rod Diameter*	*Stroke*
Boom (2)	105 mm (4.13 in.)	70 mm (2.76 in.)	995 mm (39.17 in.)
Arm (1)	115 mm (4.53 in.)	80 mm (3.15 in.)	1127 mm (44.37 in.)
Bucket (1)	100 mm (3.94 in.)	70 mm (2.76 in.)	875 mm (34.45 in.)
Electrical			
Number of Batteries (12 volt)	2		
Battery Capacity	300 CCA		
Alternator Rating	50 amp		
Work Lights	2 halogen (one mounted on boom, one on frame)		
Undercarriage			
Rollers (each side)			
Carrier	1		
Track	7		
Shoes, Triple Semi-Grousers (each side)	44		
Track			
Adjustment	Hydraulic		
Guides	Front idler		
Chain	Sealed and lubricated		
Ground Pressure			
	Without Blade	*With Blade*	
Rubber Crawler Pads, 500 mm (20 in.)	43 kPa (6.24 psi)	46 kPa (6.67 psi)	
Triple Semi-Grouser Shoes			
600 mm (24 in.)	36 kPa (5.22 psi)	38 kPa (5.51 psi)	
700 mm (28 in.)	31 kPa (4.50 psi)	33 kPa (4.79 psi)	

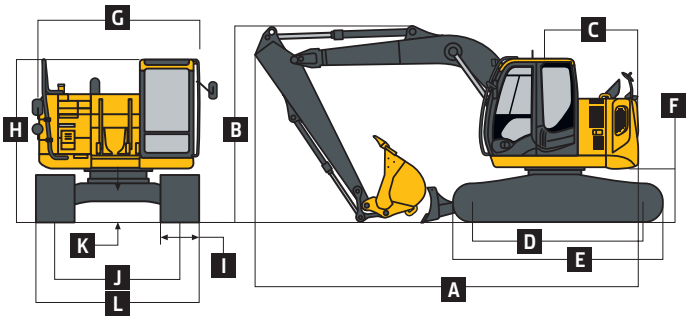
Swing Mechanism	**135G**	
Speed	13.3 rpm	
Torque	34 000 Nm (25,000 lb.-ft.)	
Serviceability		
Refill Capacities		
Fuel Tank	220 L (58 gal.)	
Cooling System	20 L (21.1 qt.)	
Engine Oil with Filter	17 L (18 qt.)	
Hydraulic Tank	60 L (15.9 gal.)	
Hydraulic System	125 L (33 gal.)	
Gearbox		
Swing	3.2 L (3.4 qt.)	
Propel (each)	4 L (4.2 qt.)	
Operating Weights		
With full fuel tank; 79-kg (175 lb.) operator; 914-mm (36 in.), 0.50-m³ (0.65 cu. yd.), 414-kg (913 lb.) general-purpose bucket; 3.01-m (9 ft. 11 in.) arm; and 3650-kg (8,047 lb.) counterweight		
	Without Blade	*With Blade*
Rubber Crawler Pad, 500 mm (20 in.)	13 900 kg (30,617 lb.)	14 900 kg (32,819 lb.)
Triple Semi-Grouser Shoes		
600 mm (24 in.)	13 700 kg (30,176 lb.)	14 700 kg (32,379 lb.)
700 mm (28 in.)	13 900 kg (30,617 lb.)	14 900 kg (32,819 lb.)
Component Weights		
Undercarriage		
Rubber Crawler Pad, 500 mm (20 in.)	4639 kg (10,218 lb.)	5577 kg (12,284 lb.)
Triple Semi-Grouser Shoes		
600 mm (24 in.)	4439 kg (9,778 lb.)	5516 kg (12,150 lb.)
700 mm (28 in.)	4639 kg (10,218 lb.)	5732 kg (12,626 lb.)
One-Piece Boom (with arm cylinder)	951 kg (2,095 lb.)	
Arm with Bucket Cylinder and Linkage		
2.52 m (8 ft. 3 in.)	431 kg (949 lb.)	
3.01 m (9 ft. 11 in.)	501 kg (1,104 lb.)	
Boom-Lift Cylinders (2), Total Weight	232 kg (511 lb.)	
914-mm (36 in.), 0.50-m³ (0.65 cu. yd.) Bucket	414 kg (913 lb.)	
Counterweight, Standard	3650 kg (8,047 lb.)	
Operating Dimensions		

Arm Length		*2.52 m (8 ft. 3 in.)*	*3.01 m (9 ft.11 in.)*
Arm Digging Force			
SAE		65 kN (14,611 lb.)	59 kN (13,167 lb.)
ISO		67 kN (15,066 lb.)	60 kN (13,521 lb.)
Bucket Digging Force			
SAE		85 kN (19,015 lb.)	85 kN (19,015 lb.)
ISO		96 kN (21,480 lb.)	96 kN (21,480 lb.)
Lifting Capacity Over Front at Ground Level 6.1-m (20 ft. 0 in.) Reach (with power boost)		2699 kg (5,950 lb.)	2676 kg (5,900 lb.)
A	Maximum Reach	8.38 m (27 ft. 6 in.)	8.86 m (29 ft. 1 in.)
A'	Maximum Reach at Ground Level	8.24 m (27 ft. 0 in.)	8.72 m (28 ft. 7 in.)
B	Maximum Digging Depth	5.49 m (18 ft. 0 in.)	5.98 m (19 ft. 7 in.)
B'	Maximum Digging Depth at 2.44-m (8 ft. 0 in.) Flat Bottom	5.27 m (17 ft. 3 in.)	5.79 m (19 ft. 0 in.)
C	Maximum Cutting Height	9.29 m (30 ft. 6 in.)	9.69 m (31 ft. 9 in.)
D	Maximum Dumping Height	6.83 m (22 ft. 5 in.)	7.22 m (23 ft. 8 in.)
E	Minimum Swing Radius	1.49 m (4 ft. 11 in.)	1.49 m (4 ft. 11 in.)
F	Maximum Vertical Wall	4.73 m (15 ft. 6 in.)	5.19 m (17 ft. 0 in)
G	Tail-Swing Radius	1.49 m (4 ft. 11 in.)	1.49 m (4 ft. 11 in.)



Machine Dimensions	135G
A Overall Length with Arm	
2.52 m (8 ft. 3 in.)	7.37 m (24 ft. 2 in.)
3.01 m (9 ft. 11 in.)	7.39 m (24 ft. 3 in.)
B Overall Height with Arm	
2.52 m (8 ft. 3 in.)	2.79 m (9 ft. 2 in.)
3.01 m (9 ft. 11 in.)	2.78 m (9 ft. 1 in.)
C Rear-End Length/Swing Radius	1.49 m (4 ft. 11 in.)
D Distance Between Idler/Sprocket Centerline	2.88 m (9 ft. 5 in.)
E Undercarriage Length	3.58 m (11 ft. 9 in.)
F Counterweight Clearance	840 mm (33 in.)
G Upperstructure Width	2.48 m (8 ft. 2 in.)
H Cab Height	2.79 m (9 ft. 2 in.)
I Track Width with Triple Semi-Grouser Shoes	600 mm (24 in.) / 700 mm (28 in.)
J Gauge Width	1.99 m (6 ft. 6 in.)
K Ground Clearance	410 mm (16 in.)
L Overall Width	
Rubber Crawler Pad, 500 mm (20 in.)	2.49 m (8 ft. 2 in.)
Triple Semi-Grouser Shoes	
600 mm (24 in.)	2.59 m (8 ft. 6 in.)
700 mm (28 in.)	2.69 m (8 ft. 10 in.)
M Blade Lift Height	460 mm (18 in.)
N Blade Cut Below Grade	540 mm (21 in.)
O Blade Lift Angle	29 deg.
Blade	
Length	2.51 m (8 ft. 3 in.)
Height	460 mm (18 in.)
Width	
Rubber Crawler Pad, 500 mm (20 in.)	2590 mm (8 ft. 6 in.)
Triple Semi-Grouser Shoes	
600 mm (24 in.)	2590 mm (8 ft. 6 in.)
700 mm (28 in.)	2690 mm (8 ft. 10 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 414-kg (913 lb.) bucket and standard counterweight; and situated on firm, level, 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.)	
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
With 2.52-m (8 ft. 3 in.) arm and 600-mm (24 in.) triple semi-grouser shoes, blade on ground										
4.5 m (15 ft.)			**3550 (7,850)**	**3550 (7,850)**	**3550 (7,750)**	3500 (7,500)	**3200 (6,500)**	2100 (4,500)		
3.0 m (10 ft.)			**6250 (13,400)**	**6250 (13,400)**	**4350 (9,450)**	3300 (7,100)	**3600 (7,900)**	2050 (4,350)		
1.5 m (5 ft.)			**6450 (15,850)**	5750 (12,350)	**5350 (11,500)**	3050 (6,600)	**4000 (8,650)**	1950 (4,150)		
Ground Line			**5750 (13,400)**	5,450 (11,750)	**5850 (12,700)**	2900 (6,250)	**4200 (9,150)**	1850 (4,000)		
–1.5 m (–5 ft.)	**4350 (9,800)**	**4350 (9,800)**	**8750 (18,950)**	5450 (11,700)	**5750 (12,450)**	2850 (6,100)	**4000 (8,600)**	1850 (3,950)		
–3.0 m (–10 ft.)	**8250 (18,650)**	**8250 (18,650)**	**7100 (15,250)**	5550 (11,900)	**4750 (10,150)**	2900 (6,200)				
With 3.01-m (9 ft. 11 in.) arm and 500-mm (20 in.) rubber crawler pad, blade on ground										
4.5 m (15 ft.)					**3100 (6,700)**	**3100 (6,700)**	**3000 (6,400)**	2150 (4,650)		
3.0 m (10 ft.)			**4900 (10,250)**	**4900 (10,250)**	**3900 (8,500)**	3400 (7,300)	**3350 (7,250)**	2100 (4,450)		
1.5 m (5 ft.)			**8050 (17,300)**	5950 (12,850)	**4950 (10,750)**	3150 (6,750)	**3800 (8,200)**	1950 (4,200)	**2150 (3,700)**	1300 (2,800)
Ground Line			**6250 (14,550)**	5550 (11,900)	**5700 (12,350)**	2950 (6,300)	**4100 (8,900)**	1850 (4,000)		
–1.5 m (–5 ft.)	**3800 (8,500)**	**3800 (8,500)**	**8250 (18,950)**	**5450** (11,650)	**5800 (12,550)**	2850 (6,100)	**4100 (8,850)**	1800 (3,900)		
–3.0 m (–10 ft.)	**6850 (15,450)**	**6850 (15,450)**	**7800 (16,750)**	5550 (11,800)	**5150 (11,050)**	2850 (6,150)	**3350**	1850		
–4.5 m (–15 ft.)			**5050 (10,500)**	**5050 (10,500)**	**2900**	**2900**				

Lift Capacities *(continued)* 135G

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 414-kg (913 lb.) bucket and standard counterweight; and situated on firm, level, 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.

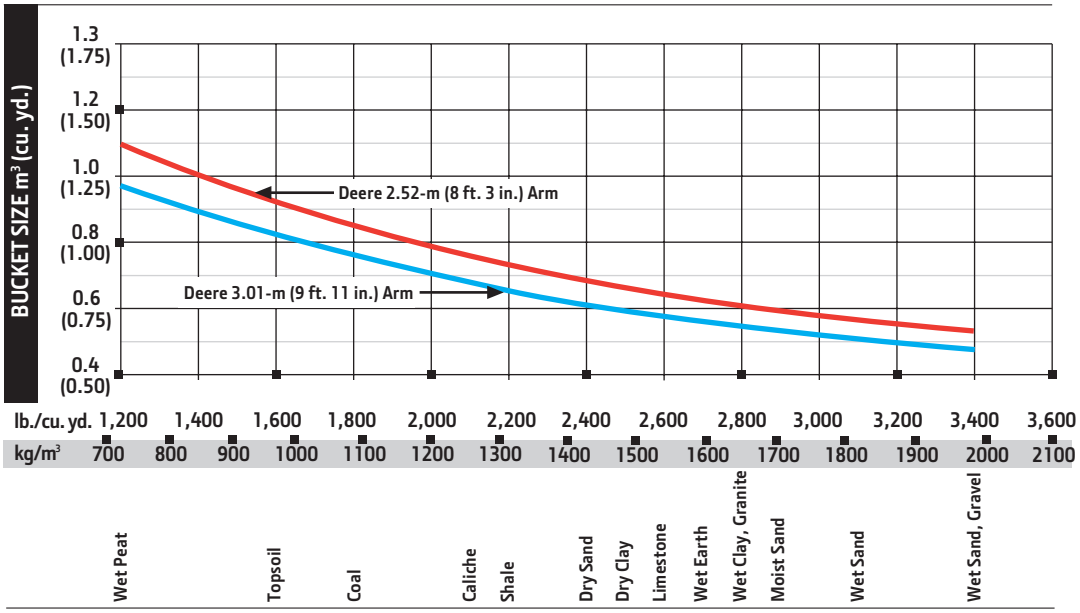
Load Point Height	1.5 m (5 ft.)		3.0 m (10 ft.)		4.5 m (15 ft.)		6.0 m (20 ft.)		7.5 m (25 ft.)	
Horizontal Distance from Centerline of Rotation	Over Front	Over Side	Over Front	Over Side	Over Front	Over Side	Over Front	Over Side	Over Front	Over Side
With 3.01-m (9 ft. 11 in.) arm and 600-mm (24 in.) triple semi-grouser shoes, blade on ground										
4.5 m (15 ft.)					**3100 (6,700)**	**3100 (6,700)**	**3000 (6,400)**	2100 (4,550)		
3.0 m (10 ft.)			**4900 (10,250)**	**4900 (10,250)**	**3900 (8,500)**	3350 (7,200)	**3350 (7,250)**	2050 (4,400)		
1.5 m (5 ft.)			**8050 (17,300)**	5900 (12,650)	**4950 (10,750)**	3100 (6,650)	**3800 (8,200)**	1950 (4,150)	**2150 (3,700)**	1300 (2,750)
Ground Line			**6250 (14,550)**	5450 (11,700)	**5700 (12,350)**	2900 (6,200)	**4100 (8,900)**	1850 (3,950)		
–1.5 m (–5 ft.)	**3800 (8,500)**	**3800 (8,500)**	**8250 (18,950)**	5350 (11,500)	**5800 (12,550)**	2800 (6,000)	**4100 (8,850)**	1800 (3,800)		
–3.0 m (–10 ft.)	**6850 (15,450)**	**6850 (15,450)**	**7800 (16,750)**	5400 (11,650)	**5150 (11,050)**	2800 (6,000)	**3350**	1800		
–4.5 m (–15 ft.)			**5050 (10,500)**	**5050 (10,500)**	**2900**	**2900**				
With 3.01-m (9 ft. 11 in.) arm and 700-mm (28 in.) triple semi-grouser shoes, blade on ground										
4.5 m (15 ft.)					**3100 (6,700)**	**3100 (6,700)**	**3000 (6,400)**	2150 (4,600)		
3.0 m (10 ft.)			**4900 (10,250)**	**4900 (10,250)**	**3900 (8,500)**	3400 (7,300)	**3350 (7,250)**	2050 (4,450)		
1.5 m (5 ft.)			**8050 (17,300)**	5950 (12,800)	**4950 (10,750)**	3150 (6,750)	**3800 (8,200)**	1950 (4,200)	**2150 (3,700)**	1300 (2,800)
Ground Line			**6250 (14,550)**	5550 (11,900)	**5700 (12,350)**	2950 (6,300)	**4100 (8,900)**	1850 (4,000)		
–1.5 m (–5 ft.)	**3800 (8,500)**	**3800 (8,500)**	**8250 (18,950)**	5450 (11,650)	**5800 (12,550)**	2850 (6,100)	**4100 (8,850)**	1800 (3,900)		
–3.0 m (–10 ft.)	**6850 (15,450)**	**6850 (15,450)**	**7800 (16,750)**	**5500** (11,800)	**5150 (11,050)**	2850 (6,100)	**3350**	1850		
–4.5 m (–15 ft.)			**5050 (10,500)**	**5050 (10,500)**	**2900**	**2900**				

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™ 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 2.52 m (8 ft. 3 in.)		Arm Dig Force 3.01 m (9 ft. 11 in.)		Bucket Tip Radius		Number of Teeth
	mm	in.	m^3	cu. yd.	kg	lb.	kN	lb.	kN	lb.	kN	lb.	mm	in.	
Heavy Duty Plate Lip	610	24	0.37	0.48	460	1,014	84.6	19,015	65.0	14,611	58.6	13,167	1328	52.27	4
	760	30	0.50	0.65	522	1,150	84.6	19,015	65.0	14,611	58.6	13,167	1328	52.27	4
	915	36	0.62	0.81	589	1,297	84.6	19,015	65.0	14,611	58.6	13,167	1328	52.27	5
	1067	42	0.76	0.99	631	1,390	84.6	19,015	65.0	14,611	58.6	13,167	1328	52.27	5
Ditching	1500	60	0.63	0.83	457	1,007	121.9	27,411	72.7	16,337	64.6	14,529	921	36.25	0

Bucket Selection Guide*



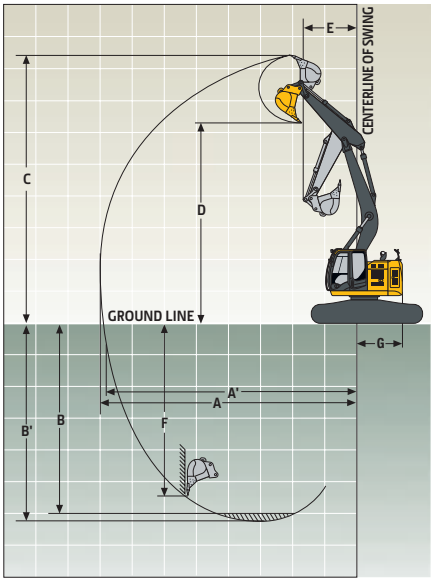
* Contact your John Deere dealer for optimum bucket and attachment selections. These recommendations are for general conditions and average use. Does not include optional equipment such as thumbs or couplers. Larger buckets may be possible when using light materials, for flat and level operations, less 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.

245G LC

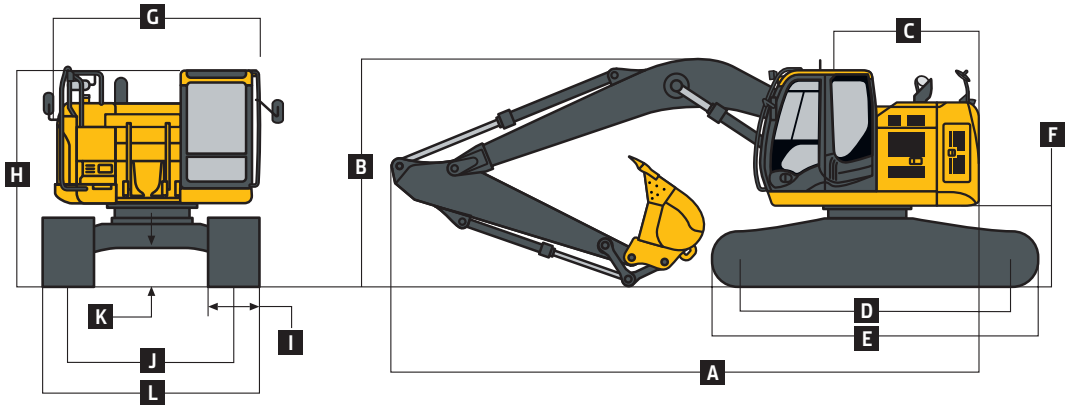
Engine	**245G LC**		
	Base engine for use in the U.S., U.S. Territories, and Canada		
Manufacturer and Model	Isuzu 4HK1		
Non-Road Emissions Standard	EPA Interim Tier 4/EU Stage IIIB		
Net Rated Power (ISO 9249)	119 kW (159 hp) at 1,900 rpm		
Cylinders	4		
Displacement	5.2 L (317 cu. in.)		
Off-Level Capacity	70% (35 deg.)		
Aspiration	Turbocharged, air-to-air charge-air cooler		
Cooling			
Direct-drive suction-type fan			
Powertrain			
2-speed propel with automatic shift			
Maximum Travel Speed			
Low	3.5 km/h (2.2 mph)		
High	5.5 km/h (3.4 mph)		
Drawbar Pull	20 700 kg (45,636 lb.)		
Hydraulics			
Open center, load sensing			
Main Pumps	3 variable-displacement axial-piston pumps		
Maximum Rated Flow	212 x 2 + 189 L/m (56 x 2 + 50 gpm)		
Pilot Pump	One gear		
Maximum Rated Flow	30 L/m (7.9 gpm)		
Pressure Setting	3999 kPa (580 psi)		
System Operating Pressure			
Circuits			
Implement	34 336 kPa (4,980 psi)		
Travel	35 000 kPa (5,076 psi)		
Swing	32 600 kPa (4,728 psi)		
Power Boost	38 000 kPa (5,511 psi)		
Controls	Pilot levers, short stroke, low-effort hydraulic pilot controls with shutoff lever		
Cylinders			
	Bore	*Rod Diameter*	*Stroke*
Boom (2)	120 mm (4.72 in.)	85 mm (3.35 in.)	1330 mm (52.36 in.)
Arm (1)	135 mm (5.31 in.)	95 mm (3.74 in.)	1475 mm (58.07 in.)
Bucket (1)	115 mm (4.53 in.)	80 mm (3.15 in.)	1060 mm (41.73 in.)
Electrical			
Number of Batteries (12 volt)	2		
Battery Capacity	651 CCA		
Alternator Rating	50 amp		
Work Lights	2 halogen (one mounted on boom, one on frame)		
Undercarriage			
Rollers (each side)			
Carrier	2		
Track	8		
Shoes, Triple Semi-Grousers (each side)	49		
Track			
Adjustment	Hydraulic		
Guides	Center		
Chain	Sealed and lubricated		
Ground Pressure			
Triple Semi-Grouser Shoes			
600 mm (24 in.)	51 kPa (7.40 psi)		
700 mm (28 in.)	45 kPa (6.53 psi)		
800 mm (32 in.)	40 kPa (5.80 psi)		

Swing Mechanism	**245G LC**
Speed	11.8 rpm
Torque	68 000 Nm (50,000 lb.-ft.)
Serviceability	
Refill Capacities	
Fuel Tank	380 L (100 gal.)
Cooling System	25 L (26.4 qt.)
Engine Oil with Filter	23 L (24 qt.)
Hydraulic Tank	130 L (34.3 gal.)
Hydraulic System	240 L (63.4 gal.)
Gearbox	
Swing	6.2 L (6.6 qt.)
Propel (each)	6.8 L (7.2 qt.)
Pump Drive	1.6 L (1.7 qt.)
Operating Weights	
With full fuel tank; 79-kg (175 lb.) operator; 1067-mm (42 in.), 0.8-m^3 (1.04 cu. yd.), 649-kg (1,430 lb.) heavy-duty bucket; 2.91-m (9 ft. 7 in.) arm; 7480-kg (16,490 lb.) counterweight; and 800-mm (32 in.) triple semi-grouser shoes	
Operating Weight	25 500 kg (56,167 lb.)
Component Weights	
Undercarriage with Triple Semi-Grouser Shoes	
600 mm (24 in.)	7490 kg (16,498 lb.)
700 mm (28 in.)	7900 kg (17,401 lb.)
800 mm (32 in.)	8170 kg (17,996 lb.)
One-Piece Boom (with arm cylinder)	1674 kg (3,687 lb.)
Arm with Bucket Cylinder and Linkage	
2.42 m (7 ft. 11 in.)	765 kg (1,685 lb.)
2.91 m (9 ft. 7 in.)	815 kg (1,795 lb.)
Boom-Lift Cylinders (2), Total Weight	340 kg (749 lb.)
1067-mm (42 in.), 0.8-m^3 (1.04 cu. yd.) Bucket	649 kg (1,430 lb.)
Counterweight, Standard	7480 kg (16,490 lb.)

Operating Dimensions			
Arm Length		*2.42 m (7 ft. 11 in.)*	*2.91 m (9 ft. 7 in.)*
Arm Digging Force			
	SAE	133 kN (29,901 lb.)	110 kN (24,730 lb.)
	ISO	140 kN (31,475 lb.)	114 kN (25,629 lb.)
Bucket Digging Force			
	SAE	141 kN (31,700 lb.)	141 kN (31,700 lb.)
	ISO	158 kN (35,522 lb.)	158 kN (35,522 lb.)
Lifting Capacity Over Front at Ground Level 6.1-m (20 ft. 0 in.) Reach (with power boost)		6855 kg (15,112 lb.)	7032 kg (15,504 lb.)
A	Maximum Reach	9.62 m (31 ft. 7 in.)	10.11 m (33 ft. 2 in.)
A'	Maximum Reach at Ground Level	9.40 m (30 ft. 10 in.)	9.90 m (32 ft. 6 in.)
B	Maximum Digging Depth	6.12 m (20 ft. 1 in.)	6.62 m (21 ft. 9 in.)
B'	Maximum Digging Depth at 2.44-m (8 ft. 0 in.) Flat Bottom	5.87 m (19 ft. 3 in.)	6.41 m (21 ft. 0 in.)
C	Maximum Cutting Height	10.79 m (35 ft. 5 in.)	11.22 m (36 ft. 10 in.)
D	Maximum Dumping Height	7.86 m (25 ft. 9 in.)	8.92 m (29 ft. 3 in.)
E	Minimum Swing Radius	2.72 m (8 ft. 11 in.)	2.38 m (7 ft. 10 in.)
F	Maximum Vertical Wall	5.19 m (17 ft. 0 in.)	5.81 m (19 ft. 1 in.)
G	Tail-Swing Radius	1.68 m (5 ft. 6 in.)	1.68 m (5 ft. 6 in.)



Machine Dimensions		245G LC
A	Overall Length with Arm	
	2.42 m (7 ft. 11 in.)	9.27 m (30 ft. 5 in.)
	2.91 m (9 ft. 7 in.)	9.11 m (29 ft. 11 in.)
B	Overall Height with Arm	
	2.42 m (7 ft. 11 in.)	3.23 m (10 ft. 7 in.)
	2.91 m (9 ft. 7 in.)	2.98 m (9 ft. 9 in.)
C	Rear-End Length/Swing Radius	1.68 m (5 ft. 6 in.)
D	Distance Between Idler/Sprocket Centerline	3.66 m (12 ft. 0 in.)
E	Undercarriage Length	4.46 m (14 ft. 8 in.)
F	Counterweight Clearance	990 mm (3 ft. 3 in.)
G	Upperstructure Width	2.97 m (9 ft. 9 in.)
H	Cab Height	2.99 m (9 ft. 10 in.)
I	Track Width with Triple Semi-Grouser Shoes	600 mm (24 in.) / 700 mm (28 in.) / 800 mm (32 in.)
J	Gauge Width	2.39 m (7 ft. 10 in.)
K	Ground Clearance	450 mm (17.72 in.)
L	Overall Width with Triple Semi-Grouser Shoes	
	600 mm (24 in.)	2.99 m (9 ft. 10 in.)
	700 mm (28 in.)	3.09 m (10 ft. 2 in.)
	800 mm (32 in.)	3.19 m (10 ft. 6 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 666-kg (1,468 lb.) bucket and standard counterweight; and situated on firm, level, 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.)	
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
With 2.42-m (7 ft. 11 in.) arm and 800-mm (32 in.) triple semi-grouser shoes										
6.0 m (20 ft.)					**5856 (12,697)**	**5856 (12,697)**	**5314 (11,632)**	4854 (10,426)		
4.5 m (15 ft.)					**7356 (15,809)**	**7356 (15,809)**	**5896 (12,791)**	4675 (10,063)	**5235 (11,470)**	3180 (6,815)
3.0 m (10 ft.)					**9325 (20,020)**	6879 (14,848)	**6729 (14,555)**	4430 (9,544)	5284 (11,359)	3082 (6,620)
1.5 m (5 ft.)					**10 619 (22,909)**	6462 (13,927)	7356 (15,823)	4213 (9,076)	5171 (11,122)	2979 (6,404)
Ground Line					**10 770 (23,330)**	6315 (13,588)	7213 (15,512)	4087 (8,800)	5101 (10,980)	2915 (6,275)
–1.5 m (–5 ft.)			**9357 (21,373)**	**9357 (21,373)**	**10 088 (21,863)**	6325 (13,603)	7187 (15,456)	4063 (8,751)		
–3.0 m (–10 ft.)			**11 515 (24,935)**	**11 515 (24,935)**	**8532 (18,385)**	6452 (13,887)	**6113 (12,971)**	4160 (8,983)		
–4.5 m (–15 ft.)					**5093**	**5093**				
With 2.91-m (9 ft. 7 in.) arm and 600-mm (24 in.) triple semi-grouser shoes										
6.0 m (20 ft.)					**5131 (11,138)**	**5131 (11,138)**	**4817 (10,538)**	4785 (10,278)	**3943**	3164
4.5 m (15 ft.)			**9366 (19,787)**	**9366 (19,787)**	**6612 (14,220)**	**6612 (14,220)**	**5457 (11,841)**	4597 (9,892)	**4882 (10,672)**	3107 (6,662)
3.0 m (10 ft.)					**8647 (18,571)**	6831 (14,735)	**6363 (13,763)**	4341 (9,348)	5138 (11,041)	2991 (6,422)
1.5 m (5 ft.)					**10 250 (22,097)**	6343 (13,669)	7165 (15,408)	4100 (8,828)	5006 (10,764)	2871 (6,168)
Ground Line			**3940 (9,135)**	**3940 (9,135)**	**10 787 (23,339)**	6115 (13,156)	6986 (15,018)	3941 (8,483)	4911 (10,565)	2785 (5,987)
–1.5 m (–5 ft.)	**5334 (11,946)**	**5334 (11,946)**	**8390 (19,088)**	**8390 (19,088)**	**10 409 (22,542)**	6072 (13,056)	6921 (14,879)	3884 (8,360)	4888 (10,525)	2763 (5,950)
–3.0 m (–10 ft.)	**9750 (21,925)**	**9750 (21,925)**	**12 970 (28,063)**	12 453 (26,661)	**9180 (19,807)**	6156 (13,244)	**6655 (14,263)**	3933 (8,476)		
–4.5 m (–15 ft.)			**9184 (19,510)**	**9184 (19,510)**	**6591 (13,865)**	6393 (13,787)				

Lift Capacities *(continued)* 245G 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 666-kg (1,468 lb.) bucket and standard counterweight; and situated on firm, level, 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.

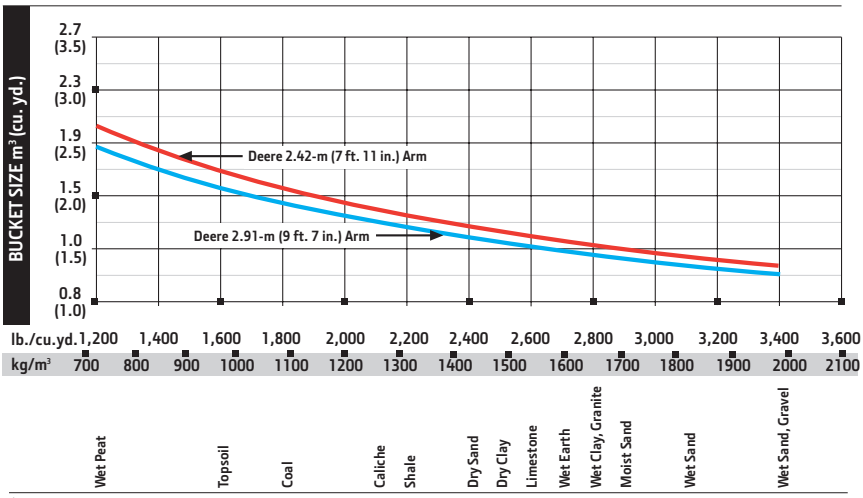
Load Point Height	1.5 m (5 ft.)		3.0 m (10 ft.)		4.5 m (15 ft.)		6.0 m (20 ft.)		7.5 m (25 ft.)	
Horizontal Distance from Centerline of Rotation	Over Front	Over Side	Over Front	Over Side	Over Front	Over Side	Over Front	Over Side	Over Front	Over Side
With 2.91-m (9 ft. 7 in.) arm and 700-mm (28 in.) triple semi-grouser shoes										
6.0 m (20 ft.)					**5131 (11,138)**	**5131 (11,138)**	**4817 (10,538)**	**4817** (10,413)	**3943**	3212
4.5 m (15 ft.)			**9366 (19,787)**	**9366 (19,787)**	**6612 (14,220)**	**6612 (14,220)**	**5457 (11,841)**	4660 (10,028)	**4882 (10,672)**	3154 (6,765)
3.0 m (10 ft.)					**8647 (18,571)**	6923 (14,933)	**6363 (13,763)**	4404 (9,484)	5211 (11,201)	3038 (6,525)
1.5 m (5 ft.)					**10 250 (22,097)**	6435 (13,867)	**7190 (15,548)**	4162 (8,963)	5080 (10,923)	2918 (6,271)
Ground Line			**3940 (9,135)**	**3940 (9,135)**	**10 787 (23,339)**	6207 (13,355)	7086 (15,235)	4004 (8,618)	4985 (10,724)	2832 (6,090)
–1.5 m (–5 ft.)	**5334 (11,946)**	**5334 (11,946)**	**8390 (19,088)**	**8390 (19,088)**	**10 409 (22,542)**	6164 (13,255)	7022 (15,095)	3947 (8,495)	4961 (10,684)	2810 (6,053)
–3.0 m (–10 ft.)	**9750 (21,925)**	**9750 (21,925)**	**12 970 (28,063)**	12 625 (27,030)	**9180 (19,807)**	6248 (13,442)	**6655 (14,263)**	3996 (8,612)		
–4.5 m (–15 ft.)			**9184 (19,510)**	**9184 (19,510)**	**6591 (13,865)**	6485 (**13,865**)				
With 2.91-m (9 ft. 7 in.) arm and 800-mm (32 in.) triple semi-grouser shoes										
6.0 m (20 ft.)					**5131 (11,138)**	**5131 (11,138)**	**4817 (10,538)**	**4817 (10,538)**	**3943**	3270
4.5 m (15 ft.)			**9366 (19,787)**	**9366 (19,787)**	**6612 (14,220)**	**6612 (14,220)**	**5457 (11,841)**	4736 (10,192)	**4882 (10,672)**	3212 (6891)
3.0 m (10 ft.)					**8647 (18,571)**	7035 (15,174)	**6363 (13,763)**	4480 (9648)	**5275** (11,399)	3096 (6,650)
1.5 m (5 ft.)					**10 250 (22,097)**	6547 (14,108)	**7190 (15,548)**	4239 (9,128)	5172 (11,121)	2976 (6,397)
Ground Line			**3940 (9,135)**	**3940 (9,135)**	**10 787 (23,339)**	6319 (13,596)	7211 (15,504)	4080 (8,783)	5077 (10,922)	2890 (6,215)
–1.5 m (–5 ft.)	**5334 (11,946)**	**5334 (11,946)**	**8390 (19,088)**	**8390 (19,088)**	**10 409 (22,542)**	6276 (13,496)	7147 (15,365)	4023 (8,660)	5053 (10,882)	2868 (6,178)
–3.0 m (–10 ft.)	**9750 (21,925)**	**9750 (21,925)**	**12 970 (28,063)**	12 834 (27,479)	**9180 (19,807)**	6360 (13,683)	**6655 (14,263)**	4072 (8,777)		
–4.5 m (–15 ft.)			**9750 (19,510)**	**9184 (19,510)**	**12 970 (13,865)**	**6591 (13,865)**	**9180**		**6655**	

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™ 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 (SAE)		Arm Dig Force 2.42 m (7 ft. 11 in.)		Arm Dig Force 2.91 m (9 ft. 7 in.)		Bucket Tip Radius		Number of Teeth
	mm	in.	m^3	cu. yd.	kg	lb.	kN	lb.	kN	lb.	kN	lb.	mm	in.	
Heavy Duty	915	36	0.69	0.90	708	1,559	135.9	30,554	130.2	29,271	107.1	24,071	1463	57.61	5
	1065	42	0.83	1.09	786	1,731	135.9	30,554	130.2	29,271	107.1	24,071	1463	57.61	5
	1220	48	0.99	1.29	872	1,921	135.9	30,554	130.2	29,271	107.1	24,071	1463	57.61	6
Heavy Duty High Capacity	610	24	0.43	0.56	646	1,424	135.0	30,349	129.9	29,197	106.8	24,016	1473	58.0	4
	760	30	0.58	0.76	723	1,593	135.0	30,349	129.9	29,197	106.8	24,016	1473	58.0	4
	915	36	0.74	0.97	809	1,782	135.0	30,349	129.9	29,197	106.8	24,016	1473	58.0	5
	1065	42	0.91	1.19	886	1,951	135.0	30,349	129.9	29,197	106.8	24,016	1473	58.0	5

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.

135G	245G	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)
●	●	Fuel filter with water separator
●	●	Full-flow oil filter
●	●	Turbocharger with charge air cooler
●	●	500-hour engine-oil-change interval
●	●	70% (35 deg.) off-level capability
●	●	Programmable auto shutdown
▲	▲	Engine-oil-sampling valve
▲	▲	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 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
	●	Track guides, front idler and center
●	●	2-speed propel with automatic shift
●		Upper carrier roller (1)
	●	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.)
	▲	Triple semi-grouser shoes, 800 mm (32 in.)
▲		Rubber crawler pads, 500 mm (20 in.)
▲		Undercarriage with blade

135G	245G	Upperstructure
●	●	Right-hand, left-hand, and counter-weight mirrors
●	●	Vandal locks with ignition key: Cab door / Service doors / Toolbox
●	●	Debris screening
●	●	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, 2.52 m (8 ft. 3 in.)
	▲	Arm, 2.42 m (7 ft. 11 in.)
	▲	Arm, 2.91 m (9 ft. 7 in.)
▲		Arm, 3.01 m (9 ft. 11 in.)
▲	▲	Attachment quick-couplers
▲	▲	Boom cylinder with plumbing to main-frame less boom and arm
▲	▲	Buckets: Ditching / Heavy duty / Heavy-duty high capacity / Side cutters and teeth
▲	▲	Material clamps
		Operator's Station
●	●	Meets ISO 12117-2 for ROPS
●	●	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
●	●	Hour meter, electric
●	●	Hydraulic shutoff lever, all controls
●	●	Hydraulic warm-up control
●	●	Interior light
●	●	Large cup holder

135G	245G	Operator's Station *(continued)*
●	●	Machine Information Center (MIC)
●	●	Mode selectors (illuminated): Power modes (3) / Travel modes (2 with auto-matic 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 tempera-ture indicator light with audible alarm, engine oil pressure indicator light with audible alarm, low-alternator-charge indicator light, low-fuel indicator light, fault code alert indicator, fuel-rate display, wiper-mode indicator, work-lights-on indicator, and work-mode indicator
●	●	Motion alarm with cancel switch (con-forms to SAE J994)
●	●	Power-boost switch on right console lever
●	●	Auxiliary hydraulic control switches in right pilot 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
●	●	50-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
		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 full fuel tanks and 79-kg (175 lb.) operators; a 135G unit with 914-mm (36 in.), 0.50-m^3 (0.65 cu. yd.), 414-kg (913 lb.) general-purpose bucket; 3.01-m (9 ft. 11 in.) arm; 3650-kg (8,047 lb.) counterweight; and 700-mm (28 in.) triple-semi grouser shoes; and a 245G LC unit with 1067-mm (42 in.), 0.8-m^3 (1.04 cu. yd.), 649-kg (1,430 lb.) heavy-duty bucket; 2.91-m (9 ft. 7 in.) arm; 7480-kg (16,490 lb.) counterweight; and 800-mm (32 in.) triple semi-grouser shoes.

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