130G EXCAVATOR

14 348–14 589-kg (31,604–32,134-lb.) Operating Weight

JOHN DEERE



Your next big thing.

Whether you're moving up from a backhoe to an excavator as you build your business. Or, adding an agile niche machine to your fleet that's just the right size — our 130G will meet your expanding needs. Rugged EPA Final Tier 4 (FT4)/EU Stage IV PowerTech™ diesel engine meets rigid emission regulations, enabling you to work, wherever there's work — without compromising power, reliability, or ease of operation.



Specifications	130G
Net rated power	73 kW (98 hp)
Operating weight	14 348 kg (31,604 lb.) without blade / 14,589 kg (32,134 lb.) with blade
Maximum digging depth	6.03 m (19 ft. 9 in.)
Maximum arm digging force	60 kN (13,521 lb.)
Maximum bucket digging force	96 kN (21,480 lb.)


DEERE

Fits the way you work.

The highly capable 130G's impressive working specs empower it to tackle a wide variety of tasks, including digging footings, loading trucks, installing utilities, and more.

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

Want to add a breaker or other attachment? Factory-installed high-pressure, high-flow auxiliary hydraulic packages meet the need.

Choose from several different auxiliary hydraulic-control styles: proportional foot control, electric-switch foot control, push-button hand control, or proportional hand control.









1. Need a little extra hydraulic muscle to get the job done? Simply press the button on the right-hand joystick and muscle through. Power boost also kicks in automatically in boom-up/lifting functions.

2. For tasks that require extra finesse, short-throw low-effort joysticks, fine metering, and smooth multifunction operation give the precision you need.

3. Optional blade is a highly useful addition for cleanup and backfilling, and provides additional lift capacity and stability when running breakers and other heavy-duty attachments.



Put operating ease on speed dial.

Now it's easier than ever for you to "dial things up." The 130G's enhanced 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 spacious well-appointed cab, virtually unobstructed all-round visibility, and numerous other amenities that provide everything they need to do their best work.



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 engine components.

We've got your back with a sculpted mechanical-suspension high-back seat with 318 mm (12½ 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.

Go from backhoe- to SAE-style controls with just a twist of your wrist. Optional lockable control-pattern selector valve comes factory installed.

No need to leave the seat to match hydraulic flow to your attachment. Changes are push-button easy and done through the monitor.

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. Ergonomically correct short-throw pilot joysticks provide smooth, precise fingertip control with less movement or effort. Push buttons in the right-side lever allow predictable control of auxiliary hydraulic flow for operating attachments. Optional sliding switch provides proportional speed control, giving you full command at your fingertips.

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

1



2



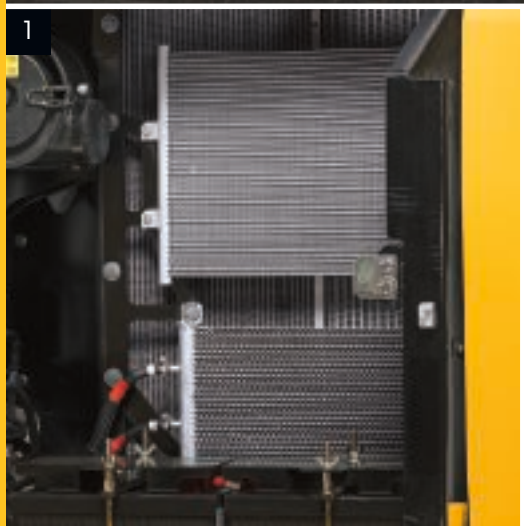
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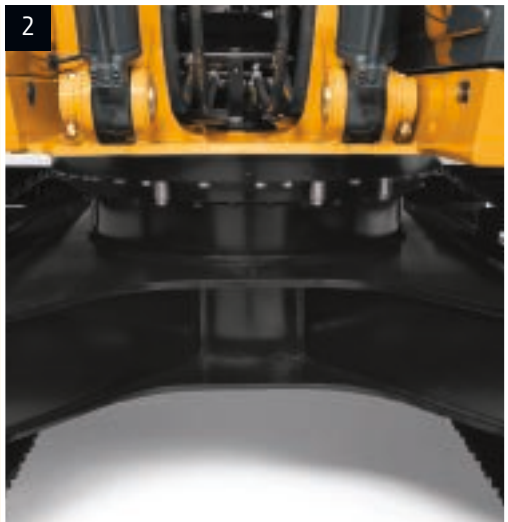


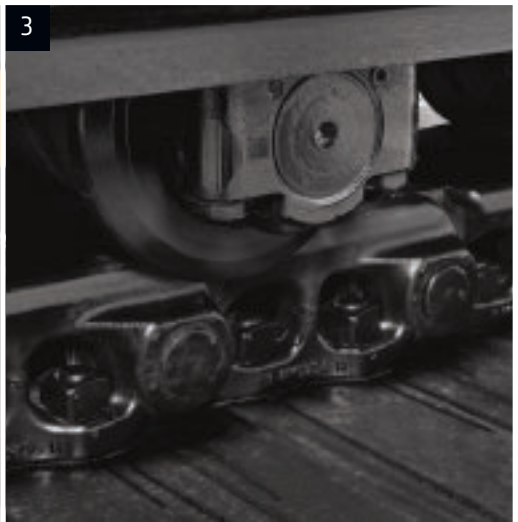
1. Highly efficient heavy-duty cooling system keeps things cool, even in tough environments or high altitudes. Cool-on-demand suction-type fan helps reduce material buildup and maintenance.

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

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









To meet stringent EPA Final Tier 4 (FT4)/EU Stage IV standards, we built on our Interim Tier 4 (IT4)/Stage IIIB solution to deliver the best combination of performance, efficiency, and reliability without sacrificing power or torque. 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. In fact, its boom, arm, and mainframe are so tough, they're warranted for three years or 10,000 hours.

Nothing runs like this Deere.

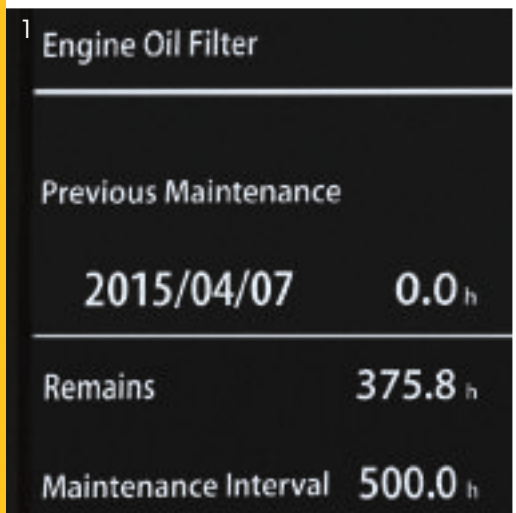
Unlike some excavators that scream for attention, the 130G's viscous variable-speed fan runs only as fast as needed, helping reduce noise and fuel consumption. Its highly efficient cooling system keeps things running cool, even in high-trash environments and high altitudes. When you know how they're built, you'll run a Deere.

Here's how the 130G helps control operating costs.

Like all of our machines, the 130G is loaded with features that make it hassle-free to service and low cost to maintain.

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

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







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

2. Large fuel tank and 500- and 5,000-hour engine and hydraulic oil-service intervals decrease downtime for routine maintenance. Fluid-sample and remote diagnostic ports help speed preventative maintenance and troubleshooting.

3. Ash-service intervals for the diesel particulate filter (DPF) are condition based, with the machine notifying 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.

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

5. Upper-structure handrails provide three points of contact when accessing the engine compartment. Slip-resistant surfaces help improve stability.







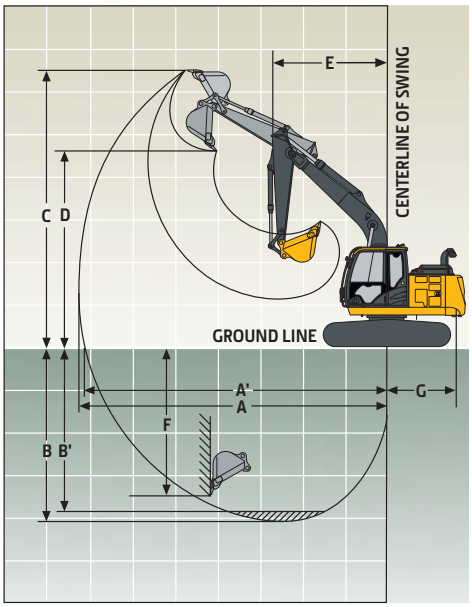


130G

Engine	**130G**	
	Base engine for use in the U.S., U.S. Territories, and Canada	*Optional engine for use outside the U.S. and U.S. Territories*
Manufacturer and Model	John Deere PowerTech™ PWS 4.5L	John Deere 4045H
Non-Road Emission Standard	EPA Final Tier 4/EU Stage IV	EPA Tier 3/EU Stage IIIA
Net Rated Power (ISO 9249)	73 kW (98 hp) at 2,000 rpm	69 kW (93 hp) at 2,000 rpm
Cylinders	4	4
Displacement	4.5 L (275 cu. in.)	4.5 L (275 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 suction-type fan		
Powertrain		
2-speed propel with automatic shift		
Maximum Travel Speed		
Low	3.3 km/h (2.1 mph)	
High	5.5 km/h (3.4 mph)	
Drawbar Pull	11 217 kg (24,729 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	1 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.)	941 mm (37.05 in.)
Arm (1)	115 mm (4.53 in.)	80 mm (3.15 in.)	1135 mm (44.70 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	750 CCA	
Alternator Rating	100 amp	
Work Lights	2 halogen (1 mounted on boom, 1 on frame)	
Undercarriage		
Rollers (per side)		
Carrier	1	
Track	7	
Shoes (per side)	44	
Track		
Adjustment	Hydraulic	
Guides	None	
Chain	Sealed and lubricated	
Ground Pressure		
Triple Semi-Grouser Shoes	*Without Blade*	*With Blade*
600 mm (24 in.)	38 kPa (5.51 psi)	37.12 kPa (5.38 psi)
700 mm (28 in.)	32 kPa (4.64 psi)	37.74 kPa (5.47 psi)
600-mm (24 in.) Rubber Crawler Pad	28 kPa (4.06 psi)	34.69 kPa (503 psi)

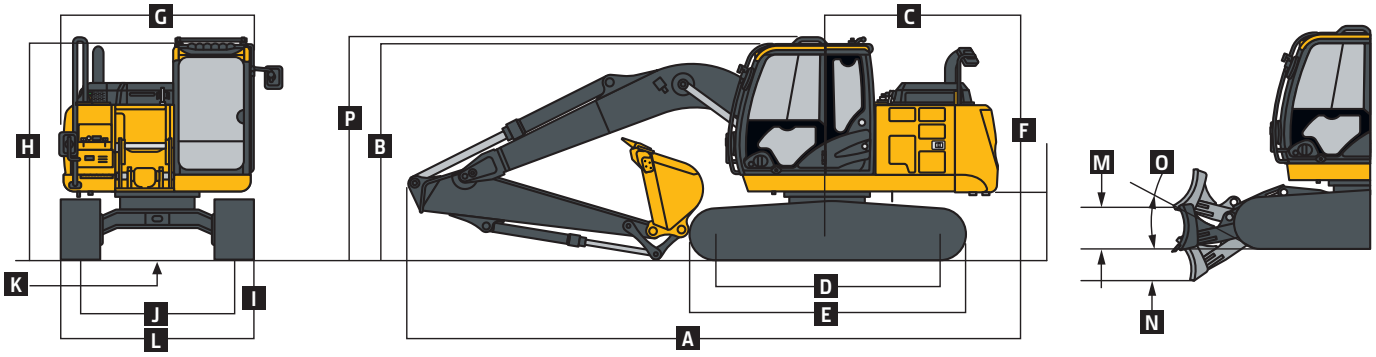


Swing Mechanism	**130G**	
Speed	13.3 rpm	
Torque	33 000 Nm (24,265 lb.-ft.)	
Serviceability		
Refill Capacities		
Fuel Tank	285 L (75.3 gal.)	
Cooling System	23.5 L (24.8 qt.)	
Engine Oil with Filter	17 L (18.0 qt.)	
Hydraulic Tank	69 L (18.2 gal.)	
Hydraulic System	185 L (48.9 gal.)	
Gearbox		
Swing	3.2 L (3.4 qt.)	
Propel (each)	4.0 L (4.2 qt.)	
Diesel Exhaust Fluid (DEF) Tank	26.7 L (28.2 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 2350-kg (5,181 lb.) counterweight		
Operating Weights	*Without Blade*	*With Blade*
600 mm (24 in.) Triple Semi-Grouser Shoes	14 110 kg (31,079 lb.)	14 351 kg (31,610 lb.)
700 mm (28 in.) Triple Semi-Grouser Shoes	14 348 kg (31,604 lb.)	14 589 kg (32,134 lb.)
600-mm (24 in.) Rubber Crawler Pad	13 170 kg (29,009 lb.)	13 411 kg (29,540 lb.)
Optional Components		
Undercarriage		
600 mm (24 in.) Triple Semi-Grouser Shoes	3845 kg (8,469 lb.)	4086 kg (9,000 lb.)
700 mm (28 in.) Triple Semi-Grouser Shoes	4083 kg (8,993 lb.)	4324 kg (9,524 lb.)
600-mm (24 in.) Rubber Crawler Pad	2905 kg (6,399 lb.)	3146 kg (6,930 lb.)
1-Piece Boom (with arm cylinder)	988 kg (2,176 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	436 kg (960 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.)
A Maximum Reach	8.32 m (27 ft. 4 in.)	8.77 m (28 ft. 9 in.)
A¹ Maximum Reach at Ground Level	8.20 m (26 ft. 11 in.)	8.67 m (28 ft. 5 in.)
B Maximum Digging Depth	5.54 m (18 ft. 2 in.)	6.03 m (19 ft. 9 in.)
B¹ Maximum Digging Depth at 2.44-m (8 ft. 0 in.) Flat Bottom	5.35 m (17 ft. 7 in.)	5.88 m (19 ft. 3 in.)
C Maximum Cutting Height	8.60 m (28 ft. 3 in.)	8.93 m (29 ft. 4 in.)
D Maximum Dumping Height	6.19 m (20 ft. 4 in.)	6.52 m (21 ft. 5 in.)
E Minimum Swing Radius	2.40 m (7 ft. 10 in.)	2.62 m (8 ft. 7 in.)
F Maximum Vertical Wall	5.02 m (16 ft. 6 in.)	5.50 m (18 ft. 1 in)
G Tail-Swing Radius	2.19 m (7 ft. 2 in.)	2.19 m (7 ft. 2 in.)



Machine Dimensions	130G	
Arm Length	*2.52 m (8 ft. 3 in.)*	*3.01 m (9 ft. 11 in.)*
A Overall Length	7.70 m (25 ft. 3 in.)	7.71 m (25 ft. 4 in.)
B Overall Height	2.75 m (9 ft. 0 in.)	2.74 m (9 ft. 0 in.)
C Rear-End Length/Swing Radius	2.19 m (7 ft. 2 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	2.46 m (8 ft. 1 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 with 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	523 mm (21 in.)	
N Blade Cut Below Grade	488 mm (19 in.)	
O Blade Lift Angle	27 deg.	
Blade Length	2.51 m (8 ft. 3 in.)	
Blade Height	523 mm (21 in.)	
Blade Width with Triple Semi-Grouser Shoes		
600 mm (24 in.)	2590 mm (8 ft. 6 in.)	
700 mm (28 in.)	2690 mm (8 ft. 10 in.)	
P Transport Height*	2.87 m (9 ft. 5 in.)	

**Pin in transport position.*



Lift Capacities

Boldface type indicates hydraulically limited capacity; lightface type indicates stability-limited capacities, in kg (lb.). Ratings at bucket lift hook; machine equipped with 414-kg (913 lb.) general-purpose bucket, 2350-kg (5,181 lb.) standard counterweight, and standard gauge; 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. All lift capacities are based on ISO 10567 (with power boost).

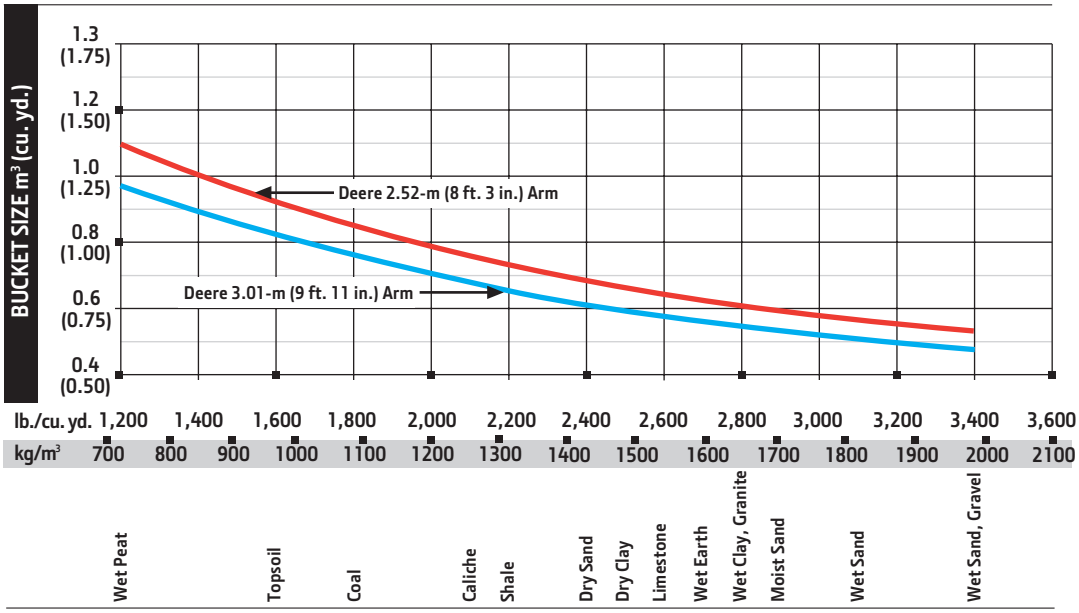
	HORIZONTAL DISTANCE FROM CENTERLINE OF ROTATION									
	1.5 m (5 ft.)		3.0 m (10 ft.)		4.5 m (15 ft.)		6.0 m (20 ft.)		7.5 m (25 ft.)	
LOAD POINT HEIGHT	Over Front	Over Side	Over Front	Over Side	Over Front	Over Side	Over Front	Over Side	Over Front	Over Side
With 2.52-m (8 ft. 3 in.) arm and 600-mm (24 in.) triple semi-grouser shoes, without blade										
4.5 m (15 ft.)					**3250 (7,050)**	**3250 (7,050)**	**3000 (6,000)**	2050 (4,400)		
3.0 m (10 ft.)			**5550 (11,900)**	**5550 (11,900)**	**4050 (8,700)**	3250 (7,000)	3000 (6,450)	2000 (4,250)		
1.5 m (5 ft.)			**7750 (17,700)**	5700 (12,250)	4650 (10,000)	3000 (6,500)	2900 (6,250)	1900 (4,100)		
Ground Line			**6150 (14,350)**	5400 (11,600)	4450 (9,600)	2850 (6,150)	2800 (6,050)	1800 (3,900)		
–1.5 m (–5 ft.)	**4300 (9,700)**	**4300 (9,700)**	**8850 (19,150)**	5350 (11,500)	4400 (9,450)	2800 (6,000)	2800 (6,000)	1800 (3,850)		
–3.0 m (–10 ft.)	**8200 (18,550)**	**8200 (18,550)**	**7550 (16,250)**	5450 (11,700)	4450 (9,550)	2850 (6,100)				
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.)					**3250 (7,050)**	**3250 (7,050)**	**3000 (6,000)**	2250 (4,800)		
3.0 m (10 ft.)			**5550 (11,900)**	**5550 (11,900)**	**4050 (8,700)**	3500 (7,550)	**3450 (7,500)**	2150 (4,650)		
1.5 m (5 ft.)			**7750 (17,700)**	6150 (13,250)	**5000 (10,850)**	3300 (7,050)	**3850 (8,300)**	2100 (4,450)		
Ground Line			**6150 (14,350)**	5850 (12,550)	**5700 (12,300)**	3100 (6,700)	**4150 (8,950)**	2000 (4,300)		
–1.5 m (–5 ft.)	**4300 (9,700)**	**4300 (9,700)**	**8850 (19,150)**	5800 (12,500)	**5750 (12,450)**	3050 (6,550)	**4050 (8,750)**	1950 (4,250)		
–3.0 m (–10 ft.)	**8200 (18,550)**	**8200 (18,550)**	**7550 (16,250)**	5900 (12,700)	**5000 (10,750)**	3100 (6,650)				

Buckets — 130G

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.

Bucket Type	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	610	24	0.37	0.48	460	1,014	84.5	19,005	64.4	14,467	58.0	13,043	1328	52.27	4
	760	30	0.50	0.65	522	1,150	84.5	19,005	64.4	14,467	58.0	13,043	1328	52.27	4
	915	36	0.62	0.81	589	1,297	84.5	19,005	64.4	14,467	58.0	13,043	1328	52.27	5
	1067	42	0.76	0.99	631	1,390	84.5	19,005	64.4	14,467	58.0	13,043	1328	52.27	5
Ditching	1500	60	0.63	0.83	457	1,007	121.9	27,404	72.0	16,177	64.0	14,395	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.

Lift Capacities *(continued)* 130G

Boldface type indicates hydraulically limited capacity; lightface type indicates stability-limited capacities, in kg (lb.). Ratings at bucket lift hook; machine equipped with 414-kg (913 lb.) general-purpose bucket, 2350-kg (5,181 lb.) standard counterweight, and standard gauge; 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. All lift capacities are based on ISO 10567 (with power boost).

	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.)	
LOAD POINT HEIGHT	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 700-mm (28 in.) triple semi-grouser shoes, without blade										
4.5 m (15 ft.)					**3250 (7,050)**	**3250 (7,050)**	3000 **(6,000)**	2100 (4,450)		
3.0 m (10 ft.)			**5550 (11,900)**	**5550 (11,900)**	**4050 (8,750)**	3300 (7,100)	3050 (6,550)	2000 (4,350)		
1.5 m (5 ft.)			**7750 (17,700)**	5750 (12,400)	4700 (10,150)	3050 (6,600)	2950 (6,350)	1950 (4,150)		
Ground Line			**6150 (14,350)**	5450 (11,750)	4550 (9,750)	2900 (6,250)	2850 (6,150)	1850 (4,000)		
–1.5 m (–5 ft.)	**4300 (9,700)**	**4300 (9,700)**	**8850** (19,150)	5450 (11,650)	4450 (9,600)	2850 (6,100)	2850 (6,100)	1850 (3,950)		
–3.0 m (–10 ft.)	**8200 (18,550)**	**8200 (18,550)**	**7550 (16,250)**	5550 (11,900)	4500 (9,700)	2850 (6,200)				
With 2.52-m (8 ft. 3 in.) arm and 700-mm (28 in.) triple semi-grouser shoes, blade on ground										
4.5 m (15 ft.)					**3250 (7,050)**	**3250 (7,050)**	**3000 (6,000)**	2250 (4,850)		
3.0 m (10 ft.)			**5550 (11,900)**	**5550 (11,900)**	**4050 (8,750)**	3550 (7,650)	**3450 (7,500)**	2200 (4,750)		
1.5 m (5 ft.)			**7750 (17,700)**	6250 (13,400)	**5000 (10,850)**	3350 (7,150)	**3850 (8,300)**	2100 (4,550)		
Ground Line			**6150 (14,350)**	5950 (12,750)	**5700 (12,300)**	3150 (6,800)	**4150 (8,950)**	2050 (4,350)		
–1.5 m (–5 ft.)	**4300 (9,700)**	**4300 (9,700)**	**8850 (19,150)**	5900 (12,650)	**5750 (12,450)**	3100 (6,650)	**4050 (8,750)**	2000 (4,300)		
–3.0 m (–10 ft.)	**8200 (18,550)**	**8200 (18,550)**	**7550 (16,250)**	6000 (12,850)	**5000 (10,750)**	3150 (6,750)				
With 2.52-m (8 ft. 3 in.) arm and 500-mm (20 in.) rubber track, without blade										
4.5 m (15 ft.)					**3250 (7,050)**	**3250 (7,050)**	3000 **(6,000)**	2100 (4,250)		
3.0 m (10 ft.)			**5550 (11,900)**	**5550 (11,900)**	**4050 (8,750)**	3300 (6,800)	3050 (6,550)	2050 (4,150)		
1.5 m (5 ft.)			**7750 (17,700)**	5750 (11,900)	4750 (10,150)	3050 (6,300)	2950 (6,350)	1950 (3,950)		
Ground Line			**6150 (14,350)**	5500 (11,200)	4550 (9,750)	2900 (5,950)	2850 (6,150)	1850 (3,750)		
–1.5 m (–5 ft.)	**4300 (9,700)**	**4300 (9,650)**	**8850 (19,150)**	5450 (11,150)	4450 (9,600)	2850 (5,800)	2850 (6,100)	1850 (3,700)		
–3.0 m (–10 ft.)	**8200 (18,550)**	**8200 (18,550)**	**7550 (16,250)**	5550 (11,350)	4500 (9,700)	2900 (5,900)				
With 2.52-m (8 ft. 3 in.) arm and 500-mm (20 in.) rubber track, blade on ground										
4.5 m (15 ft.)					**3250 (7,050)**	**3250 (7,050)**	**3000 (6,000)**	2250 (4,850)		
3.0 m (10 ft.)			**5550 (11,900)**	**5550 (11,900)**	**4050 (8,750)**	3550 (7,650)	**3450 (7,500)**	2200 (4,750)		
1.5 m (5 ft.)			**7750 (17,700)**	6250 (13,400)	**5000 (10,850)**	3350 (7,150)	**3850 (8,300)**	2100 (4,550)		
Ground Line			**6150 (14,350)**	5950 (12,750)	**5700 (12,300)**	3150 (6,800)	**4150 (8,950)**	2050 (4,400)		
–1.5 m (–5 ft.)	**4300 (9,700)**	**4300 (9,700)**	**8850 (19,150)**	5900 (12,700)	**5750 (12,450)**	3100 (6,650)	**4050 (8,750)**	2000 (4,350)		
–3.0 m (–10 ft.)	**8200 (18,550)**	**8200 (18,550)**	**7550 (16,250)**	6000 (12,900)	**5000 (10,750)**	3150 (6,750)				
With 3.01-m (9 ft. 11 in.) arm and 600-mm (24 in.) triple semi-grouser shoes, without blade										
4.5 m (15 ft.)					**2750 (6,000)**	**2750 (6,000)**	**2800 (6,200)**	2100 (4,450)		
3.0 m (10 ft.)			**4550 (9,600)**	**4550 (9,600)**	**3550 (7,750)**	3300 (7,100)	3000 (6,500)	2000 (4,300)		
1.5 m (5 ft.)			**7400 (15,850)**	5800 (12,550)	**4650 (10,000)**	3050 (6,550)	2900 (6,250)	1900 (4,050)	**1900**	1250
Ground Line			**6750 (15,750)**	5400 (11,550)	4450 (9,600)	2850 (6,100)	2800 (6,000)	1800 (3,850)		
–1.5 m (–5 ft.)	**3750 (8,450)**	**3750 (8,450)**	**8550** (19,250)	5250 (11,300)	4350 (9,350)	2750 (5,900)	2750 (5,900)	1750 (3,750)		
–3.0 m (–10 ft.)	**6800 (15,400)**	**6800 (15,400)**	**8100 (17,450)**	5300 (11,450)	4350 (9,350)	2750 (5,900)	2750	1800		
–4.5 m (–15 ft.)			**5750 (12,150)**	5550 (11,900)	**3400**	2900				

Lift Capacities *(continued)* 130G

Boldface type indicates hydraulically limited capacity; lightface type indicates stability-limited capacities, in kg (lb.). Ratings at bucket lift hook; machine equipped with 414-kg (913 lb.) general-purpose bucket, 2350-kg (5,181 lb.) standard counterweight, and standard gauge; 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. All lift capacities are based on ISO 10567 (with power boost).

	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.)	
LOAD POINT HEIGHT	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.)					**2750 (6,000)**	**2750 (6,000)**	**2800 (6,200)**	2250 (4,850)		
3.0 m (10 ft.)			**4550 (9,600)**	**4550 (9,600)**	**3550 (7,750)**	3550 (7,650)	**3100 (6,800)**	2200 (4,700)		
1.5 m (5 ft.)			**7400 (15,850)**	6300 (13,550)	**4650 (10,000)**	3300 (7,100)	**3600 (7,800)**	2100 (4,450)	**1900**	1400
Ground Line			**6750 (15,750)**	5850 (12,550)	**5450 (11,850)**	3100 (6,700)	**4000 (8,650)**	2000 (4,250)		
–1.5 m (–5 ft.)	**3750 (8,450)**	**3750 (8,450)**	**8550 (19,550)**	5750 (12,300)	**5750 (12,400)**	3000 (6,450)	**4100 (8,850)**	1950 (4,150)		
–3.0 m (–10 ft.)	**6800 (15,400)**	**6800 (15,400)**	**8100 (17,450)**	5800 (12,400)	**5300 (11,400)**	3000 (6,500)	**3500**	1950		
–4.5 m (–15 ft.)			**5750 (12,150)**	**5750 (12,150)**	**3400**	3150				
With 3.01-m (9 ft. 11 in.) arm and 700-mm (28 in.) triple semi-grouser shoes, without blade										
4.5 m (15 ft.)					**2750 (6,000)**	**2750 (6,000)**	**2800 (6,200)**	2100 (4,550)		
3.0 m (10 ft.)			**4550 (9,600)**	**4550 (9,600)**	**3550 (7,750)**	3350 (7,200)	2950 (6,600)	2050 (4,350)		
1.5 m (5 ft.)			**7400 (15,850)**	5900 (12,700)	**4650 (10,000)**	3,100 (6,650)	2800 (6,350)	1950 (4,150)	**1900**	1300
Ground Line			**6750 (15,750)**	5450 (11,750)	4550 (9,750)	2900 (6,200)	2700 (6,100)	1850 (3,950)		
–1.5 m (–5 ft.)	**3750 (8,450)**	**3750 (8,450)**	**8550 (19,550)**	5350 (11,500)	4400 (9,500)	2800 (6,000)	2650 (6,000)	1800 (3,850)		
–3.0 m (–10 ft.)	**6800 (15,400)**	**6800 (15,400)**	**8100 (17,450)**	5400 (11,600)	4450 (9,500)	2800 (6,000)	2700	1800		
–4.5 m (–15 ft.)			**5750 (12,150)**	5600 (12,100)	**3400**	2950				
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.)					**2750 (6,000)**	**2750 (6,000)**	**2800 (6,200)**	2300 (4,900)		
3.0 m (10 ft.)			**4550 (9,600)**	**4550 (9,600)**	**3550 (7,750)**	**3550 (7,750)**	**3100 (6,800)**	2200 (4,750)		
1.5 m (5 ft.)			**7400 (15,850)**	6350 (13,700)	**4650 (10,000)**	3350 (7,200)	**3600 (7,800)**	2100 (4,550)	**1900**	1400
Ground Line			**6750 (15,750)**	5900 (12,750)	**5450 (11,850)**	3150 (6,750)	**4000 (8,650)**	2000 (4,300)		
–1.5 m (–5 ft.)	**3750 (8,450)**	**3750 (8,450)**	**8550 (19,550)**	5800 (12,500)	**5750 (12,400)**	3050 (6,550)	**4100 (8,850)**	1950 (4,200)		
–3.0 m (–10 ft.)	**6800 (15,400)**	**6800 (15,400)**	**8100 (17,450)**	5850 (12,600)	**5300 (11,400)**	3050 (6,600)	**3500**	2000		
–4.5 m (–15 ft.)			**5750 (12,150)**	**5750 (12,150)**	**3400**	3200				
With 3.01-m (9 ft. 11 in.) arm and 500-mm (20 in.) rubber track, without blade										
4.5 m (15 ft.)					**2750 (6,000)**	**2750 (6,000)**	**2800 (6,200)**	2100 (4,550)		
3.0 m (10 ft.)			**4550 (9,600)**	**4550 (9,600)**	**3550 (7,750)**	3350 (7,200)	3050 (6,600)	2050 (4,400)		
1.5 m (5 ft.)			**7400 (15,850)**	5900 (12,750)	**4650 (10,000)**	3100 (6,650)	2950 (6,350)	1950 (4,150)	**1900**	1300
Ground Line			**6750 (15,750)**	5450 (11,750)	4550 (9,750)	2900 (6,200)	2850 (6,150)	1850 (3,950)		
–1.5 m (–5 ft.)	**3750 (8,450)**	**3750 (8,450)**	**8550 (19,550)**	5350 (11,500)	4450 (9,500)	2800 (6,000)	2800 (6,000)	1800 (3,850)		
–3.0 m (–10 ft.)	**6800 (15,400)**	**6800 (15,400)**	**8100 (17,450)**	5400 (11,600)	4450 (9,550)	2800 (6,050)	2850	1800		
–4.5 m (–15 ft.)			**5750 (12,150)**	5600 (12,100)	**3400**	2950				
With 3.01-m (9 ft. 11 in.) arm and 500-mm (20 in.) rubber track, blade on ground										
4.5 m (15 ft.)					**2750 (6,000)**	**2750 (6,000)**	**2800 (6,200)**	2300 (4,950)		
3.0 m (10 ft.)			**4550 (9,600)**	**4550 (9,600)**	**3550 (7,750)**	**3550 (7,750)**	**3100 (6,800)**	2200 (4,750)		
1.5 m (5 ft.)			**7400 (15,850)**	6350 (13,700)	**4650 (10,000)**	3350 (7,250)	**3600 (7,800)**	2100 (4,550)	**1900**	1400
Ground Line			**6750 (15,750)**	5950 (12,750)	**5450 (11,850)**	3150 (6,800)	**4000 (8,650)**	2000 (4,350)		
–1.5 m (–5 ft.)	**3750 (8,450)**	**3750 (8,450)**	**8550 (19,550)**	5800 (12,500)	**5750 (12,400)**	3050 (6,550)	**4100 (8,850)**	1950 (4,200)		
–3.0 m (–10 ft.)	**6800 (15,400)**	**6800 (15,400)**	**8100 (17,450)**	5850 (12,600)	**5300 (11,400)**	3050 (6,600)	**3500**	2000		
–4.5 m (–15 ft.)			**5750 (12,150)**	**5750 (12,150)**	**3400**	3200				

Additional equipment

Key: ● Standard ▲ Optional or special

See your John Deere dealer for further information.

130G	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
●	Cool-on-demand variable-speed fan
●	500-hour engine-oil-change interval
●	70% (35 deg.) off-level capability
●	Engine-oil-sampling valve
●	Programmable auto shutdown
▲	Chrome exhaust stack
▲	Severe-duty fuel filter
▲	Engine coolant heater
	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 guide, front idler
●	2-speed propel with automatic shift
●	Upper carrier roller (1)
●	Sealed and lubricated track chain
▲	Triple semi-grouser shoes, 600 mm (24 in.)
▲	Triple semi-grouser shoes, 700 mm (28 in.)
▲	Rubber crawler pads, 600 mm (24 in.)
▲	Undercarriage with blade

130G	Upperstructure
●	Right-hand and left-hand mirrors
●	Vandal locks with ignition key: Cab door / Service doors / Toolbox
●	Debris-screening 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, 2.52 m (8 ft. 3 in.)
▲	Arm, 3.01 m (9 ft. 11 in.)
▲	Attachment quick-couplers
▲	Boom cylinder with plumbing to mainframe 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): Diesel Exhaust Fluid (DEF) / Engine coolant / Fuel
●	Horn, electric
●	Hour meter, electric
●	Hydraulic shutoff lever, all controls
●	Hydraulic warm-up control
●	Interior light
●	Large cup holder
●	Machine Information Center (MIC)

130G	Operator's Station *(continued)*
●	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, 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™ 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

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 a unit with 700-mm (28 in.) triple semi-grouser shoes; 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; 2350-kg (5,181 lb.) counterweight; full fuel tank; and 79-kg (175 lb.) operator.

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DKAX130G Litho in U.S.A. (15-10)