

130G



Engine		130G	
		<i>Base engine for use in the U.S., U.S. Territories, and Canada</i>	<i>Optional engine for use outside the U.S. and U.S. Territories</i>
Manufacturer and Model	John Deere PowerTech™ PWX	John Deere 4045H	
Non-Road Emissions Standard	EPA Interim Tier 4/EU Stage IIIB	EPA Tier 3/EU Stage IIIA	
Net Rated Power (ISO 9249)	72 kW (97 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 hydraulic-driven, suction-type fan with remote-mounted drive			
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			
Maximum Rated Flow	2 variable-displacement axial-piston pumps 105 L/m (28 gpm) x 2		
Pilot Pump			
Maximum Rated Flow	One gear 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			
	<i>Bore</i>	<i>Rod Diameter</i>	<i>Stroke</i>
Boom (2)	105 mm (4.13 in.)	70 mm (2.76 in.)	940 mm (37.00 in.)
Arm (1)	115 mm (4.53 in.)	80 mm (3.15 in.)	1 135 mm (44.70 in.)
Bucket (1)	100 mm (3.94 in.)	70 mm (2.76 in.)	874 mm (34.40 in.)
Electrical			
Number of Batteries (12 volt)	2		
Battery Capacity	1,400 CCA		
Alternator Rating	100 amp		
Work Lights	2 halogen (one mounted on boom, one on frame)		
Undercarriage			
Rollers (each side)			
Carrier	1		
Track	7		
Shoes, Triple Semi-Grousers (each side)	44		
Track			
Adjustment	Hydraulic		
Guide	Front idler		
Chain	Sealed and lubricated		
Ground Pressure			
	<i>Without Blade</i>	<i>With Blade</i>	
600-mm (24 in.) Triple Semi-Grouser Shoes	34 kPa (4.99 psi)	37 kPa (5.39 psi)	
700-mm (28 in.) Triple Semi-Grouser Shoes	30 kPa (4.34 psi)	32 kPa (4.70 psi)	
600-mm (24 in.) Rubber Crawler Pad	34 kPa (4.91 psi)	37 kPa (5.31 psi)	



Swing Mechanism	130G
Speed	13.3 rpm
Torque	34 000 Nm (25,000 lb.-ft.)

Serviceability

Refill Capacities	
Fuel Tank	280 L (74 gal.)
Cooling System	23.5 L (24.8 qt.)
Engine Oil with Filter	14.5 L (15 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.)

Operating Weights

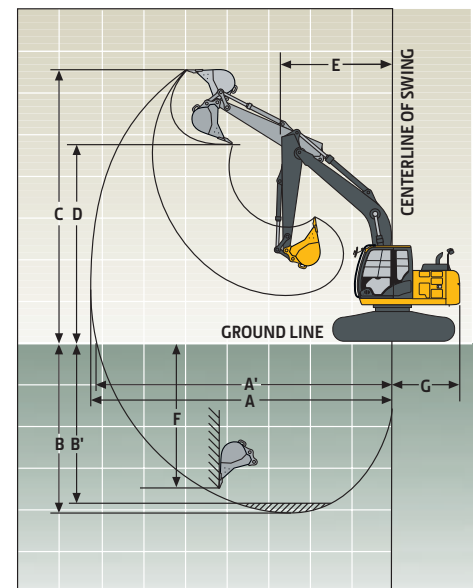
With full fuel tank; 79-kg (175 lb.) operator; 914-mm (36 in.), 0.50-m³ (0.65 cu. yd.), 414-kg (913 lb.) general-purpose bucket; 3.01-m (9 ft. 11 in.) arm; and 2400-kg (5,291 lb.) counterweight

Operating Weights	<i>Without Blade</i>	<i>With Blade</i>
600-mm (24 in.) Triple Semi-Grouser Shoes	13 288 kg (29,269 lb.)	14 365 kg (31,641 lb.)
700-mm (28 in.) Triple Semi-Grouser Shoes	13 388 kg (29,489 lb.)	14 481 kg (31,896 lb.)
600-mm (24 in.) Rubber Crawler Pad	13 088 kg (28,828 lb.)	14 165 kg (31,200 lb.)

Component Weights		
Undercarriage	<i>Without Blade</i>	<i>With Blade</i>
600-mm (24 in.) Triple Semi-Grouser Shoes	4304 kg (9,480 lb.)	5381 kg (11,852 lb.)
700-mm (28 in.) Triple Semi-Grouser Shoes	4490 kg (9,890 lb.)	5583 kg (12,297 lb.)
600-mm (24 in.) Rubber Crawler Pad	4190 kg (9,229 lb.)	5267 kg (11,601 lb.)
One-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.)	
914-mm (36 in.), 0.50-m ³ (0.65 cu. yd.) Bucket	414 kg (913 lb.)	
Counterweight, Standard	2400 kg (5,291 lb.)	

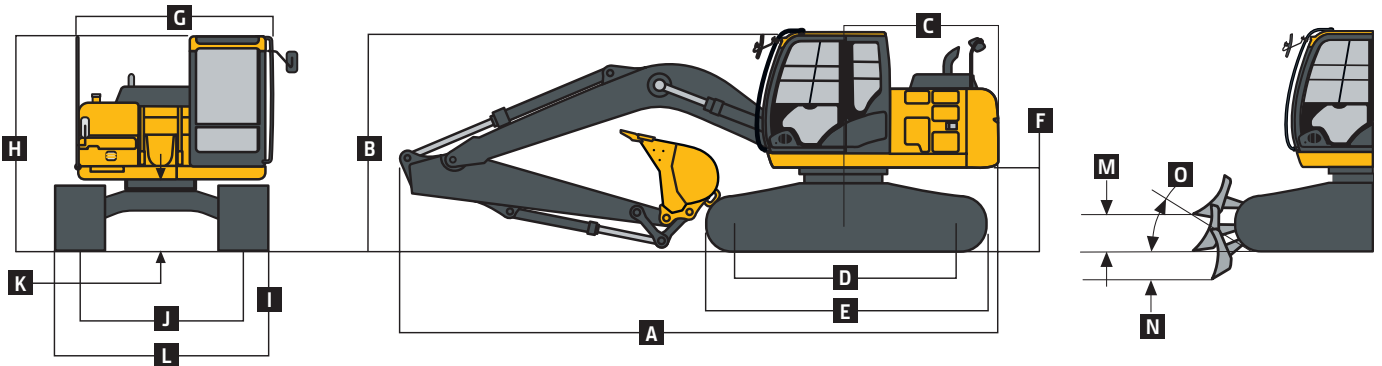
Operating Dimensions

Arm Length	<i>2.52 m (8 ft. 3 in.)</i>	<i>3.01 m (9 ft. 11 in.)</i>
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)	2654 kg (5,850 lb.)	2631 kg (5,800 lb.)
A Maximum Reach	8.32 m (27 ft. 4 in.)	8.79 m (28 ft. 10 in.)
A^l Maximum Reach at Ground Level	8.20 m (26 ft. 11 in.)	8.67 m (28 ft. 5 in.)
B Maximum Digging Depth	5.57 m (18 ft. 3 in.)	6.06 m (19 ft. 11 in.)
B^l 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

A Overall Length with Arm	2.52 m (8 ft. 3 in.)	7.70 m (25 ft. 3 in.)
	3.01 m (9 ft. 11 in.)	7.71 m (25 ft. 4 in.)
B Overall Height with Arm	2.52 m (8 ft. 3 in.)	2.87 m (9 ft. 5 in.)
	3.01 m (9 ft. 11 in.)	2.87 m (9 ft. 5 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.)



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.) bucket, 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).

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
<i>With 2.52-m (8 ft. 3 in.) arm and 600-mm (24 in.) triple semi-grouser shoes, without blade</i>										
4.5 m (15 ft.)					3250	3250	2950	1950		
					(7,050)	(7,050)	(6,000)	(4,150)		
3.0 m (10 ft.)			5550	5550	4050	3100	2850	1900		
			(11,900)	(11,900)	(8,700)	(6,700)	(6,150)	(4,050)		
1.5 m (5 ft.)			7750	5400	4450	2900	2750	1800		
			(17,700)	(11,700)	(9,550)	(6,200)	(5,950)	(3,850)		
Ground Line			6150	5150	4250	2700	2700	1700		
			(14,350)	(11,000)	(9,150)	(5,850)	(5,750)	(3,700)		
-1.5 m (-5 ft.)	4300	4300	8700	5100	4200	2650	2650	1700		
	(9,650)	(9,650)	(18,650)	(10,950)	(9,000)	(5,700)	(5,700)	(3,650)		
-3.0 m (-10 ft.)	8200	8200	7550	5200	4250	2700				
	(18,550)	(18,550)	(16,250)	(11,150)	(9,100)	(5,800)				

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.) bucket, 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).

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.) rubber crawler pads, without blade

4.5 m (15 ft.)					2750	2750	2800	2000		
					(6,000)	(6,000)	(6,200)	(4,300)		
3.0 m (10 ft.)			4550	4550	3550	3200	2950	1950		
			(9,600)	(9,600)	(7,750)	(6,900)	(6,300)	(4,150)		
1.5 m (5 ft.)			7400	5650	4550	2950	2800	1850	1900	1200
			(15,850)	(12,200)	(9,800)	(6,350)	(6,050)	(3,900)		
Ground Line			6750	5200	4350	2750	2700	1750		
			(15,750)	(11,200)	(9,300)	(5,900)	(5,850)	(3,700)		
-1.5 m (-5 ft.)	3750	3750	8550	5100	4200	2650	2650	1700		
	(8,450)	(8,450)	(18,750)	(10,950)	(9,050)	(5,700)	(5,700)	(3,600)		
-3.0 m (-10 ft.)	6800	6800	8100	5150	4250	2650	2700	1700		
	(15,400)	(15,400)	(17,450)	(11,050)	(9,100)	(5,700)				
-4.5 m (-15 ft.)			5750	5350	3400	2800				
			(12,150)	(11,550)						

With 3.01-m (9 ft. 11 in.) arm and 600-mm (24 in.) rubber crawler pads, blade on ground

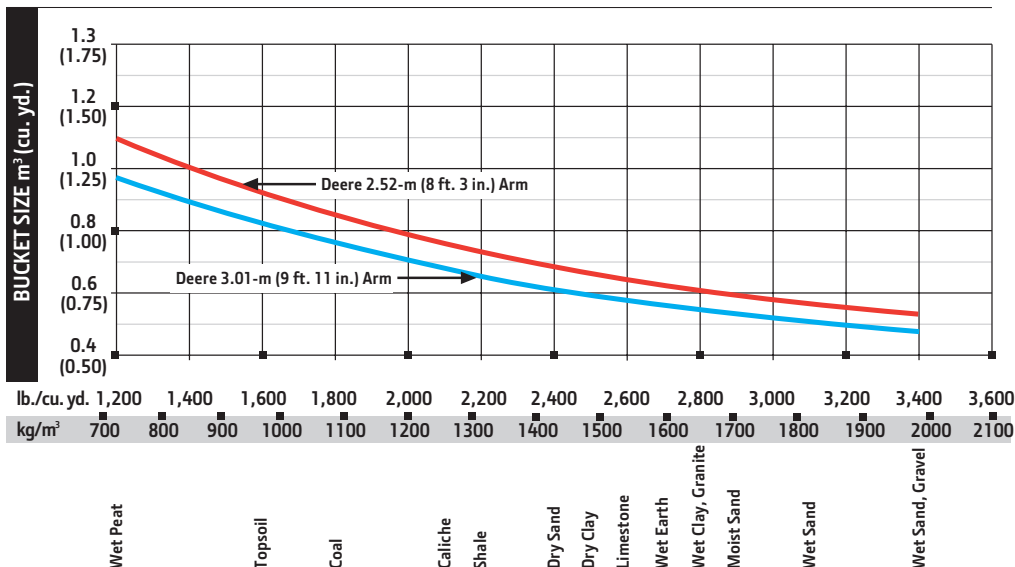
4.5 m (15 ft.)					2750	2750	2800	2200		
					(6,000)	(6,000)	(6,200)	(4,700)		
3.0 m (10 ft.)			4550	4550	3550	3450	3100	2100		
			(9,600)	(9,600)	(7,750)	(7,450)	(6,800)	(4,550)		
1.5 m (5 ft.)			7400	6100	4650	3200	3600	2000	1900	1350
			(15,850)	(13,150)	(10,000)	(6,900)	(7,800)	(4,300)		
Ground Line			6750	5700	5450	3000	4000	1900		
			(15,750)	(12,200)	(11,800)	(6,450)	(8,650)	(4,100)		
-1.5 m (-5 ft.)	3750	3750	8550	5550	5750	2900	4100	1850		
	(8,450)	(8,450)	(19,550)	(11,950)	(12,400)	(6,250)	(8,850)	(4,000)		
-3.0 m (-10 ft.)	6800	6800	8100	5600	5300	2900	3500	1900		
	(15,400)	(15,400)	(17,450)	(12,050)	(11,400)	(6,250)				
-4.5 m (-15 ft.)			5750	5750	3400	3050				
			(12,150)	(12,150)						

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
	1065	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.

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.) bucket, 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).

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
<i>With 2.52-m (8 ft. 3 in.) arm and 600-mm (24 in.) triple semi-grouser shoes, blade on ground</i>										
4.5 m (15 ft.)					3250	3250	3000	2150		
					(7,050)	(7,050)	(6,000)	(4,550)		
3.0 m (10 ft.)			5550	5550	4050	3350	3450	2050		
			(11,900)	(11,900)	(8,700)	(7,250)	(7,500)	(4,450)		
1.5 m (5 ft.)			7750	5900	5000	3150	3850	2000		
			(17,700)	(12,700)	(10,850)	(6,750)	(8,300)	(4,250)		
Ground Line			6150	5600	5700	2950	4150	1900		
			(14,350)	(12,000)	(12,300)	(6,400)	(8,950)	(4,100)		
-1.5 m (-5 ft.)	4300	4300	8850	5550	5750	2900	4050	1850		
	(9,650)	(9,650)	(19,150)	(11,950)	(12,450)	(6,250)	(8,750)	(4,050)		
-3.0 m (-10 ft.)	8200	8200	7550	5650	5000	2950				
	(18,550)	(18,550)	(16,250)	(12,150)	(10,700)	(6,350)				
<i>With 2.52-m (8 ft. 3 in.) arm and 700-mm (28 in.) triple semi-grouser shoes, without blade</i>										
4.5 m (15 ft.)					3250	3250	3000	2000		
					(7,050)	(7,050)	(6,000)	(4,250)		
3.0 m (10 ft.)			5550	5550	4050	3150	2900	1900		
			(11,900)	(11,900)	(8,700)	(6,800)	(6,250)	(4,100)		
1.5 m (5 ft.)			7750	5500	4500	2900	2800	1850		
			(17,700)	(11,850)	(9,700)	(6,300)	(6,050)	(3,950)		
Ground Line			6150	5200	4350	2750	2750	1750		
			(14,350)	(11,200)	(9,300)	(5,950)	(5,850)	(3,750)		
-1.5 m (-5 ft.)	4300	4300	8850	5200	4250	2700	2700	1700		
	(9,650)	(9,650)	(18,900)	(11,100)	(9,150)	(5,800)	(5,800)	(3,700)		
-3.0 m (-10 ft.)	8200	8200	7550	5300	4300	2750				
	(18,550)	(18,550)	(16,250)	(11,350)	(9,250)	(5,900)				
<i>With 2.52-m (8 ft. 3 in.) arm and 700-mm (28 in.) triple semi-grouser shoes, blade on ground</i>										
4.5 m (15 ft.)					3250	3250	3000	2150		
					(7,050)	(7,050)	(6,000)	(4,650)		
3.0 m (10 ft.)			5550	5550	4050	3400	3450	2100		
			(11,900)	(11,900)	(8,700)	(7,350)	(7,500)	(4,500)		
1.5 m (5 ft.)			7750	5950	5000	3200	3850	2000		
			(17,700)	(12,850)	(10,850)	(6,850)	(8,300)	(4,300)		
Ground Line			6150	5650	5700	3000	4150	1950		
			(14,350)	(12,200)	(12,300)	(6,500)	(8,950)	(4,150)		
-1.5 m (-5 ft.)	4300	4300	8850	5650	5750	2950	4050	1900		
	(9,650)	(9,650)	(19,150)	(12,100)	(12,450)	(6,350)	(8,750)	(4,100)		
-3.0 m (-10 ft.)	8200	8200	7550	5750	5000	3000				
	(18,550)	(18,550)	(16,250)	(12,300)	(10,700)	(6,450)				
<i>With 2.52-m (8 ft. 3 in.) arm and 600-mm (24 in.) rubber crawler pads, without blade</i>										
4.5 m (15 ft.)					3250	3250	3000	2000		
					(7,050)	(7,050)	(6,000)	(4,250)		
3.0 m (10 ft.)			5550	5550	4050	3150	2900	1950		
			(11,900)	(11,900)	(8,700)	(6,800)	(6,250)	(4,150)		
1.5 m (5 ft.)			7750	5500	4550	2900	2800	1850		
			(17,700)	(11,900)	(9,750)	(6,300)	(6,050)	(3,950)		
Ground Line			6150	5200	4350	2750	2750	1750		
			(14,350)	(11,200)	(9,350)	(5,950)	(5,900)	(3,750)		
-1.5 m (-5 ft.)	4300	4300	8850	5200	4250	2700	2700	1750		
	(9,650)	(9,650)	(18,950)	(11,150)	(9,200)	(5,800)	(5,800)	(3,700)		
-3.0 m (-10 ft.)	8200	8200	7550	5300	4300	2750				
	(18,550)	(18,550)	(16,250)	(11,350)	(9,300)	(5,900)				
<i>With 2.52-m (8 ft. 3 in.) arm and 600-mm (24 in.) rubber crawler pads, blade on ground</i>										
4.5 m (15 ft.)					3250	3250	3000	2150		
					(7,050)	(7,050)	(6,000)	(4,650)		
3.0 m (10 ft.)			5550	5550	4050	3400	3450	2100		
			(11,900)	(11,900)	(8,700)	(7,350)	(7,500)	(4,500)		
1.5 m (5 ft.)			7750	6000	5000	3200	3850	2000		
			(17,700)	(12,850)	(10,850)	(6,850)	(8,300)	(4,350)		
Ground Line			6150	5700	5700	3000	4150	1950		
			(14,350)	(12,200)	(12,300)	(6,500)	(8,950)	(4,150)		
-1.5 m (-5 ft.)	4300	4300	8850	5650	5750	2950	4050	1900		
	(9,650)	(9,650)	(19,150)	(12,100)	(12,450)	(6,350)	(8,750)	(4,100)		
-3.0 m (-10 ft.)	8200	8200	7550	5750	5000	3000				
	(18,550)	(18,550)	(16,250)	(12,350)	(10,700)	(6,450)				

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.) bucket, 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).

Load Point		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.)	
Height											
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	
<i>With 3.01-m (9 ft. 11 in.) arm and 600-mm (24 in.) triple semi-grouser shoes, without blade</i>											
4.5 m (15 ft.)					2750	2750	2800	2000			
					(6,000)	(6,000)	(6,200)	(4,250)			
3.0 m (10 ft.)			4550	4550	3550	3150	2900	1900			
			(9,600)	(9,600)	(7,750)	(6,800)	(6,200)	(4,100)			
1.5 m (5 ft.)				5550	4550	2900	3550	1800	2900	1200	
			(15,850)	(12,000)	(9,650)	(6,250)	(5,950)	(3,850)			
Ground Line			6750	5150	4250	2700	2650	1700			
			(15,750)	(11,000)	(9,150)	(5,800)	(5,750)	(3,650)			
-1.5 m (-5 ft.)	3750	3750	8550	5000	4150	2600	2600	1650			
	(8,450)	(8,450)	(18,450)	(10,750)	(8,900)	(5,600)	(5,600)	(3,550)			
-3.0 m (-10 ft.)	6800	6800	8100	5050	4150	2600	2650	1650			
	(15,400)	(15,400)	(17,450)	(10,900)	(8,950)	(5,600)					
-4.5 m (-15 ft.)			5750	5300	3400	2750					
			(12,150)	(11,350)							
<i>With 3.01-m (9 ft. 11 in.) arm and 600-mm (24 in.) triple semi-grouser shoes, blade on ground</i>											
4.5 m (15 ft.)					2750	2750	2800	2150			
					(6,000)	(6,000)	(6,200)	(4,650)			
3.0 m (10 ft.)			4550	4550	3550	3400	3100	2100			
			(9,600)	(9,600)	(7,750)	(7,350)	(6,800)	(4,450)			
1.5 m (5 ft.)			7400	6050	4650	3150	3600	2000	1900	1300	
			(15,850)	(13,000)	(10,000)	(6,800)	(7,800)	(4,250)			
Ground Line			6750	5600	5450	2950	4000	1900			
			(15,750)	(12,000)	(11,800)	(6,350)	(8,650)	(4,050)			
-1.5 m (-5 ft.)	3750	3750	8550	5450	5750	2850	4100	1850			
	(8,450)	(8,450)	(19,550)	(11,750)	(12,400)	(6,150)	(8,850)	(3,950)			
-3.0 m (-10 ft.)	6800	6800	8100	5550	5300	2850	3500	1850			
	(15,400)	(15,400)	(17,450)	(11,850)	(11,400)	(6,150)					
-4.5 m (-15 ft.)			5750	5750	3400	3000					
			(12,150)	(12,150)							
<i>With 3.01-m (9 ft. 11 in.) arm and 700-mm (28 in.) triple semi-grouser shoes, without blade</i>											
4.5 m (15 ft.)					2750	2750	2800	2000			
					(6,000)	(6,000)	(6,200)	(4,300)			
3.0 m (10 ft.)			4550	4550	3550	3200	3100	1950			
			(9,600)	(9,600)	(7,750)	(6,900)	(6,300)	(4,150)			
1.5 m (5 ft.)			7400	5650	4550	2950	2800	1850	1900	1200	
			(15,850)	(12,150)	(9,800)	(6,350)	(6,050)	(3,900)			
Ground Line			6750	5200	4350	2750	2700	1750			
			(15,750)	(11,200)	(9,300)	(5,900)	(5,800)	(3,700)			
-1.5 m (-5 ft.)	3750	3750	8550	5100	4200	2650	2650	1700			
	(8,450)	(8,450)	(18,700)	(10,950)	(9,050)	(5,700)	(5,700)	(3,600)			
-3.0 m (-10 ft.)	6800	6800	8100	5150	4200	2650	2700	1700			
	(15,400)	(15,400)	(17,450)	(11,050)	(9,100)	(5,700)					
-4.5 m (-15 ft.)			5750	5350	3400	2800					
			(12,150)	(11,550)							
<i>With 3.01-m (9 ft. 11 in.) arm and 700-mm (28 in.) triple semi-grouser shoes, blade on ground</i>											
4.5 m (15 ft.)					2750	2750	2800	2200			
					(6,000)	(6,000)	(6,200)	(4,700)			
3.0 m (10 ft.)			4550	4550	3550	3450	3100	2100			
			(9,600)	(9,600)	(7,750)	(7,450)	(6,800)	(4,550)			
1.5 m (5 ft.)			7400	6100	4650	3200	3600	2000	1900	1350	
			(15,850)	(13,150)	(10,000)	(6,900)	(7,800)	(4,300)			
Ground Line			6750	5650	5450	3000	4000	1900			
			(15,750)	(12,200)	(11,800)	(6,450)	(8,650)	(4,100)			
-1.5 m (-5 ft.)	3750	3750	8550	5550	5750	2900	4100	1850			
	(8,450)	(8,450)	(19,550)	(11,900)	(12,400)	(6,250)	(8,850)	(4,000)			
-3.0 m (-10 ft.)	6800	6800	8100	5600	5300	2900	3500	1900			
	(15,400)	(15,400)	(17,450)	(12,050)	(11,400)	(6,250)					
-4.5 m (-15 ft.)			5750	5750	3400	3050					
			(12,150)	(12,150)							