

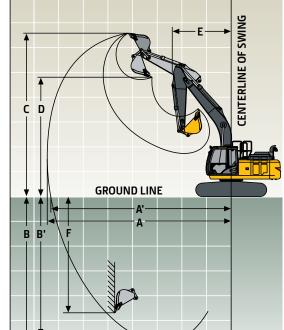
210G LG SPECIFICATIONS

Engine	210G / 210G LC						
	Base engine for use in U.S., U.S. Territo	ories, and Canada					
Manufacturer and Model	John Deere PowerTech™ PVS 6.8L 6068						
Non-Road Emission Standard	EPA Final Tier 4/EU Stage IV						
Net Rated Power (ISO 9249)	119 kW (159 hp) at 2,000 rpm						
Cylinders	6						
Displacement	6.8L (415 cu. in.)						
Off-Level Capacity	70% (35 deg.)						
Aspiration	Turbocharged, air-to-air charge-air cool	er					
Cooling							
Cool-on-demand hydraulic-driven, suction	on-type fan with remote-mounted drive						
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 (turtle mode)	20 700 kg (45,636 lb.)						
Hydraulics							
Open center, pilot controlled							
Main Pumps	2 variable-displacement axial-piston pui	mps					
Maximum Rated Flow	212 L/m (56 gpm) x 2	•					
Pilot Pump	l gear						
Maximum Rated Flow	30 L/m (7.9 gpm)						
Pressure Setting	4000 kPa (580 psi)						
System Operating Pressure	, , , , , , , , , , , , , , , , , , ,						
Circuits							
Implement	34 300 kPa (4,975 psi)						
Travel	35 500 kPa (5,149 psi)						
Swing	33 300 kPa (4,830 psi)						
Power Boost	38 000 kPa (5,511 psi)						
Controls	Pilot levers, short stroke, low-effort hyd	fraulic pilot controls with shutoff lever					
Cylinders	, , , , , , , , , , , , , , , , , , , ,						
J	Bore	Rod Diameter	Stroke				
Boom (2)	120 mm (4.7 in.)	85 mm (3.3 in.)	1260 mm (49.6 in.)				
Arm (1)	135 mm (5.3 in.)	95 mm (3.7 in.)	1475 mm (58.1 in.)				
Bucket (1)	115 mm (4.5 in.)	80 mm (3.1 in.)	1060 mm (41.7 in.)				
Electrical	113 11111 (1.3 111.)	50 mm (5.1 m.)	1000 11111 (11.7 111.)				
Number of Batteries (12 volt)	2						
Battery Capacity	1,000 CCA						
Alternator Rating	100 amp						
Work Lights	2 halogen (1 mounted on left-hand side	of hoom 1 on frame)					
Undercarriage	210G	210G LC					
Rollers (each side)	2100	2100 20					
Carrier	2	2					
Track	7	8					
Shoes, Triple Semi-Grousers (each side)	46	49					
Track	10	1,7					
Adjustment	Hydraulic	Hydraulic					
Guides	Center	Center					
Chain	Sealed and lubricated	Sealed and lubricated					
Ground Pressure	Scaled and lubricated	Scaled and labilitated					
Triple Semi-Grouser Shoes							
600 mm (24 in.)	48.8 kPa (7.08 psi)	44.4 kPa (6.44 psi)					
700 mm (28 in.)	42.5 kPa (6.16 psi)	39.3 kPa (5.71 psi)					
800 mm (32 in.)	37.7 kPa (5.47 psi)	34.4 kPa (4.99 psi)					
000 11111 (32 111.)	JI.I KFd (3.41 PSI)	ארם (4.55 אין ארדע ארם אין אידע					





Swing Mechanism	210G / 210G LC	
Swing		
Speed	13.3 rpm	
Torque	68 900 Nm (50,662 lbft.)	
Serviceability	(2.3)	
Refill Capacities		
Fuel Tank	403 L (106.5 gal.)	
Cooling System	35.4 L (9.4 gal.)	
Engine Oil with Filter	20.8 L (5.5 gal.)	
Hydraulic Tank	135 L (35.7 gal.)	
Hydraulic System	240 L (63.4 gal.)	
Gearbox		
Swing	6.2 L (6.6 qt.)	
Propel (each)	7.8 L (8.2 qt.)	
Pump Drive	1 L (1.1 gt.)	
Diesel Exhaust Fluid (DEF) Tank	26.6 L (7.0 gal.)	
Operating Weights	210G	210G LC
With full fuel tank; 79-kg (175 lb.) operator; 1065-n	nm (42 in.), 0.91-m³ (1.19 cu. yd.), 886-kg ((1,951 lb.) general-purpose bucket; 2.91-m (9 ft. 7 in.) arm; and 4250-kg
(9,370 lb.) counterweight	, ,	
With Triple Semi-Grouser Shoes		
800 mm (32 in.)	23 161 kg (51,061 lb.)	23 631 kg (52,097 lb.)
700 mm (28 in.)	22 862 kg (50,402 lb.)	23 318 kg (51,407 lb.)
600 mm (24 in.)	22 522 kg (49,653 lb.)	22 928 kg (50,548 lb.)
Component Weights	_	•
Undercarriage with Triple Semi-Grouser Shoes	Standard	LC
600 mm (24 in.)	6929 kg (15,262 lb.)	7335 kg (16,156 lb.)
700 mm (28 in.)	7269 kg (16,011 lb.)	7725 kg (17,015 lb.)
800 mm (32 in.)	7568 kg (16,670 lb.)	8038 kg (17,705 lb.)
1-Piece Boom (with arm cylinder)	1731 kg (3,813 lb.)	1731 kg (3,813 lb.)
2.91-m (9 ft. 7 in.) Arm with Bucket Cylinder	1001 kg (2,205 lb.)	1001 kg (2,205 lb.)
and Linkage	-	-
Boom-Lift Cylinders (2), Total Weight	354 kg (780 lb.)	354 kg (780 lb.)
Counterweight, Standard	4250 kg (9,370 lb.)	4250 kg (9,370 lb.)
Operating Dimensions	210G / 210G LC	
Arm Length	2.91 m (9 ft. 7 in.)	
Arm Digging Force		
SAE	110 kN (24,729 lbf)	פ
ISO	114 kN (25,628 lbf)	OF SWING
Bucket Digging Force		T
SAE	141 kN (31,698 lbf)	b
15.5	! / !! . ()	



158 kN (35,520 lbf)

9.92 m (32 ft. 7 in.)

9.75 m (32 ft. 0 in.)

6.67 m (21 ft. 11 in.)

6.50 m (21 ft. 4 in.)

10.04 m (32 ft. 11 in.) 7.18 m (23 ft. 7 in.)

3.18 m (10 ft. 5 in.)

5.99 m (19 ft. 8 in)

ISO

A Maximum Reach

Flat Bottom

C Maximum Cutting Height

Al Maximum Reach at Ground Level

B^I Maximum Digging Depth at 2.44-m (8 ft. 0 in.)

B Maximum Digging Depth

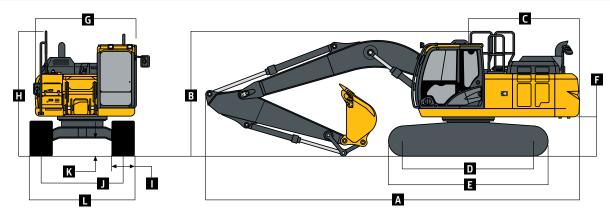
D Maximum Dumping Height

Maximum Vertical Wall

E Minimum Swing Radius

210G / 210G LC

achine Nimensions	210G	210G LC
		2.91 m (9 ft. 7 in.)
		9.66 m (31 ft. 8 in.)
<u> </u>		3.01 m (9 ft. 11 in.)
		2.89 m (9 ft. 6 in.)
		3.66 m (12 ft. 0 in.)
Undercarriage Length	4.17 m (13 ft. 8 in.)	4.47 m (14 ft. 8 in.)
Counterweight Clearance	1030 mm (3 ft. 5 in.)	1030 mm (3 ft. 5 in.)
Upperstructure Width	2.71 m (8 ft. 11 in.)	2.71 m (8 ft. 11 in.)
Cab Height	2.95 m (9 ft. 8 in.)	2.95 m (9 ft. 8 in.)
Track Width with Triple Semi-Grouser Shoes	600 mm (24 in.) / 700 mm (28 in.) / 800 mm (32 in.)	600 mm (24 in.) / 700 mm (28 in.) / 800 mm (32 in.)
Gauge Width	2.22 m (7 ft. 3 in.)	2.39 m (7 ft. 10 in.)
Ground Clearance	450 mm (17.72 in.)	450 mm (17.72 in.)
Overall Width with Triple Semi-Grouser Shoes		
600 mm (24 in.)	2.82 m (9 ft. 3 in.)	2.99 m (9 ft. 10 in.)
700 mm (28 in.)	2.92 m (9 ft. 7 in.)	3.09 m (10 ft. 2 in.)
800 mm (32 in.)	3.02 m (9 ft. 11 in.)	3.19 m (10 ft. 6 in.)
	Upperstructure Width Cab Height Track Width with Triple Semi-Grouser Shoes Gauge Width Ground Clearance Overall Width with Triple Semi-Grouser Shoes 600 mm (24 in.) 700 mm (28 in.)	m Length 2.91 m (9 ft. 7 in.) Overall Length 9.53 m (31 ft. 3 in.) Overall Height 3.01 m (9 ft. 11 in.) Rear-End Length/Swing Radius 2.89 m (9 ft. 6 in.) Distance Between Idler/Sprocket Centerline 3.35 m (11 ft. 0 in.) Undercarriage Length 4.17 m (13 ft. 8 in.) Counterweight Clearance 1030 mm (3 ft. 5 in.) Upperstructure Width 2.71 m (8 ft. 11 in.) Cab Height 2.95 m (9 ft. 8 in.) Track Width with Triple Semi-Grouser Shoes 600 mm (24 in.) / 700 mm (28 in.) / 800 mm (32 in.) Gauge Width 2.22 m (7 ft. 3 in.) Ground Clearance 450 mm (17.72 in.) Overall Width with Triple Semi-Grouser Shoes 600 mm (24 in.) 600 mm (24 in.) 2.82 m (9 ft. 3 in.) 700 mm (28 in.) 2.92 m (9 ft. 7 in.)



210G / 210G LC EXCAVATORS

210G 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 666-kg (1,468 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).

					ISTANCE FRO					
		(5 ft.)		(10 ft.)	4.5 m		6.0 m ((25 ft.)
LOAD POINT HEIGHT	Over Front	Over Side	Over Front		Over Front	Over Side	Over Front	Over Side	Over Front	Over Sid
With 2.91-m (9 ft. 7 in.)	arm and 600-	mm (24 in.) tri _l	ple semi-grous	er shoes						
6.0 m (20 ft.)							4650	4530		
(E (25 S.)					5020	6020	(10,210)	(9,720)		2010
4.5 m (15 ft.)					6030	6030	5200	4370	4610	2940
20 - (10 ft)					(13,010)	(13,010)	(11,310)	(9,400)	(9,890)	(6,300)
3.0 m (10 ft.)					7950 (17,100)	6510 (14,040)	6070 (12.150)	4140 (8,910)	4500 (0.670)	2840
1.5 m (5 ft.)					9680	6030	(13,150) 6270	3910	(9,670) 4380	(6,100) 2730
1.5 111 (5 1 t)					(20,880)	(12,990)	(13,480)	(8,410)	(9,420)	(5,860)
Ground Line			4270	4270	9720	5770	6090	3740	4290	2640
Ground Line			(9,930)	(9,930)	(20,860)	(12,420)	(13,090)	(8,060)	(9,220)	(5,680)
–1.5 m (–5 ft.)	4900	4900	8520	8520	9630	5700	6010	3670	4260	2620
1.5 111 (5 1 t.)	(11,010)	(11,010)	(19,440)	(19,440)	(20,670)	(12,250)	(12,920)	(7,910)	(9,170)	(5,640)
–3.0 m (–10 ft.)	9390	9390	13 810	11 360	9650	5760	6050	3710	(5,170)	(3,010)
5.0 111 (10 11.)	(21,140)	(21,140)	(29,920)	(24,350)	(20,830)	(12,390)	(13,020)	(7,990)		
–4.5 m (–15 ft.)	(2.). 10)	(=:,:::0)	10 680	10 680	7540	5960	(15)020)	(1,550)		
			(22,820)	(22,820)	(16,000)	(12,860)				
Nith 2.91-m (9 ft. 7 in.)	arm and 700-i	mm (28 in.) trii			(10,000)	(12,000)				
6.0 m (20 ft.)		(20, 5)	g				4650	4600		
							(10,210)	(9,890)		
4.5 m (15 ft.)					6030	6030	5200	4450	4710	3000
(,					(13,010)	(13,010)	(11,310)	(9,560)	(10,090)	(6,420
3.0 m (10 ft.)					7950	6620	6070	4210	4600	2900
J.0 III (10 Tt.)					(17,100)	(14,280)	(13,150)	(9,070)	(9,870)	(6,220)
1.5 m (5 ft.)					9680	6140	6390	3980	4470	2790
1.5 111 (5 1 1.7)					(20,880)	(13,230)	(13,750)	(8,570)	(9,620)	(5,980)
Ground Line			4270	4270	9910	5880	6210	3820	4380	2700
0.000			(9,930)	(9,930)	(21,270)	(12,650)	(13,360)	(8,220)	(9,420)	(5,810)
–1.5 m (–5 ft.)	4900	4900	8520	8520	9830	5810	6130	3750	4350	2680
1.5 111 (5 1 t)	(11,010)	(11,010)	(19,440)	(19,440)	(21,080)	(12,490)	(13,190)	(8,070)	(9,380)	(5,760)
-3.0 m (-10 ft.)	9390	9390	13 810	11 560	9650	5870	6170	3780	(5,500)	(3,700)
5.0 111 (10 11.)	(21,140)	(21,140)	(29,920)	(24,780)	(20,840)	(12,620)	(13,290)	(8,150)		
–4.5 m (–15 ft.)	(21,170)	(21,140)	10 680	10 680	7540	6070	(13,230)	(0,150)		
- 			(22,820)	(22,820)	(16,000)	(13,100)				
With 2.91-m (9 ft. 7 in.)	arm and 800-	mm (32 in 1 trii		. , .	(10,000)	(15,100)				
6.0 m (20 ft.)	arm and 555	111111 (32 111.) (11)	bie seini grous	er snoes			4650	4640		
0.0 111 (20 11.)							(10,210)	(9,960)		
4.5 m (15 ft.)					6030	6030	5200	4480	4750	3020
T.5 III (15 I C.)					(13,010)	(13,010)	(11,310)	(9,640)	(10,190)	(6,480)
3.0 m (10 ft.)					7950	6670	6070	4250	4640	2920
J.0 III (10 I L.)					(17,100)	(14,380)	(13,150)	(9,140)	(9,970)	(6,280)
1.5 m (5 ft.)					9680	6180	6450	4010	4520	2810
ו.ט ווו (ט ונו.)					(20,880)	(13,330)	(13,880)	(8,640)	4520 (9,710)	(6,040
Ground Line			4270	4270	10 000	5920	6270	3850	4420	2730
Ground Line			(9,930)	(9,930)	(21,460)	(12,760)	(13,480)	(8,290)	(9,520)	(5,860)
15 (5 G)	4900	4900	8520	(9,930) 8520	9910	5850	6190	3780	4400	2700
–1.5 m (–5 ft.)		4900 (11,010)								
20 m (10 f+)	(11,010)		(19,440)	(19,440)	(21,270)	(12,590)	(13,320)	(8,140)	(9,470)	(5,820)
–3.0 m (–10 ft.)	9390	9390	13 810 (29,920)	11 650 (24,970)	9650 (20,840)	5910 (12,730)	6230 (13,410)	3820 (8,220)		
	(21,140)	(21.140)								
–4.5 m (–15 ft.)	(21,140)	(21,140)	10 680	10 680	7540	6120	(15, 110)	(0,220)		

210G / 210G LC

210G LC Lift Capacities

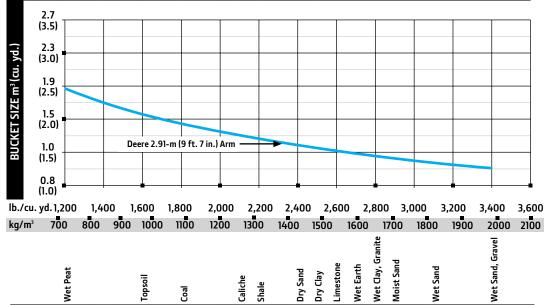
Boldface type indicates hydraulically limited capacity; lightface type indicates stability-limited capacities, in kg (lb.). Ratings at bucket lift hook; machine equipped with 666-kg (1,468 lb.) bucket, standard counterweight, and standard gauge; and situated on firm, level, uniform supporting surface. 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).

	Over Side	Over Front ple semi-grouse 4270 (9,930) 8520	(10 ft.) Over Side er shoes 4270 (9,930)	4.5 m (Over Front 6030 (13,010) 7950 (17,100) 9680 (20,880)	6030 (13,010) 7310 (15,750)	6.0 m (Over Front 4650 (10,210) 5200 (11,310) 6070 (13,150)	20 ft.) Over Side 4650 (10,210) 4870 (10,480) 4630 (9,980)	7.5 m (Over Front 4820 (10,560) 5120	3300 (7,070) 3200
4900 11,010) 9390	m (24 in.) trip 4900 (11,010)	4270 (9,930) 8520	er shoes 4270	6030 (13,010) 7950 (17,100) 9680	6030 (13,010) 7310 (15,750)	4650 (10,210) 5200 (11,310) 6070	4650 (10,210) 4870 (10,480) 4630	4820 (10,560) 5120	3300 (7,070)
4900 11,010) 9390	4900 (11,010)	4270 (9,930) 8520	4270	(13,010) 7950 (17,100) 9680	(13,010) 7310 (15,750)	(10,210) 5200 (11,310) 6070	(10,210) 4870 (10,480) 4630	(10,560) 5120	(7,070)
11,010) 9390	(11,010)	(9,930) 8520		(13,010) 7950 (17,100) 9680	(13,010) 7310 (15,750)	(10,210) 5200 (11,310) 6070	(10,210) 4870 (10,480) 4630	(10,560) 5120	(7,070)
11,010) 9390	(11,010)	(9,930) 8520		(13,010) 7950 (17,100) 9680	(13,010) 7310 (15,750)	5200 (11,310) 6070	4870 (10,480) 4630	(10,560) 5120	(7,070)
11,010) 9390	(11,010)	(9,930) 8520		(13,010) 7950 (17,100) 9680	(13,010) 7310 (15,750)	(11,310) 6070	(10,480) 4630	(10,560) 5120	(7,070)
11,010) 9390	(11,010)	(9,930) 8520		7950 (17,100) 9680	7310 (15,750)	6070	4630	5120	
11,010) 9390	(11,010)	(9,930) 8520		(17,100) 9680	(15,750)				3200
11,010) 9390	(11,010)	(9,930) 8520		9680		(13,150)	(9990)		
11,010) 9390	(11,010)	(9,930) 8520						(11,000)	(6,870)
11,010) 9390	(11,010)	(9,930) 8520		(20,880)	6810	6940	4400	4990	3080
11,010) 9390	(11,010)	(9,930) 8520			(14,670)	(15,030)	(9,470)	(10,730)	(6,630)
11,010) 9390	(11,010)	8520	(d asu)	10 540	6540	6980	4230	4900	3000
11,010) 9390	(11,010)			(22,810)	(14,080)	(15,000)	(9,110)	(10,540)	(6,450)
9390			8520	10 510	6470	6900	4160	4870	2970
	9390	(19,440)	(19,440)	(22,760)	(13,910)	(14,830)	(8,950)	(10,490)	(6,400)
21,140)	(13 810	13 120	9650	6530	6940	4190		
	(21,140)	(29,920)	(28,090)	(20,840)	(14,050)	(14,930)	(9,040)		
		10 680	10 680	7540	6740				
1700	(22 1 1 1	(22,820)	(22,820)	(16,000)	(14,540)				
and /UU-mr	m (28 in.) trip	le semi-grouse	er shoes						
				5020	6030			4.000	2260
									3360
									(7,210)
									3260
									(7,000)
									3150
		(270	/ 270						(6,760)
									3060
/000	/000								(6,580)
									3030
								(10,/00)	(6,530)
21,140)	(21,140)					(15,070)	(9,220)		
1 000	(22 : .] (. :	. , .	. , .	(16,000)	(14,800)				
ana 800-mi	m (32 in.) trip	ne semi-grouse	er snoes			/ (550	4.650		
				6020	6020			6020	2/10
									3410 (7,310)
									3310
								•	(7,100)
									3190
		/.270	4270						(6,860)
									3110 (6,680)
/ 000	/ ₀ 000								
									3080
								(10,870)	(6,630)
21,140)	(21,140)					(15,0/0)	(9,350)		
		10 680 (22,820)	10 680 (22,820)	7540 (16,000)	6950 (14,990)				
11 9 2	4900 11,010) 9390 21,140)	4900 4900 11,010) (11,010) 9390 9390 21,140) (21,140) and 800-mm (32 in.) trip 4900 4900 11,010) (11,010) 9390 9390	4270 (9,930) 4900 4900 8520 11,010) (11,010) (19,440) 9390 9390 13 810 21,140) (21,140) (29,920) 10 680 (22,820) and 800-mm (32 in.) triple semi-grous 4270 (9,930) 4900 4900 8520 11,010) (11,010) (19,440) 9390 9390 13 810 21,140) (21,140) (29,920) 10 680	4270 4270 (9,930) (9,930) 4900 4900 8520 8520 11,010) (11,010) (19,440) (19,440) 9390 9390 13 810 13 340 21,140) (21,140) (29,920) (28,570) 10 680 10 680 (22,820) (22,820) and 800-mm (32 in.) triple semi-grouser shoes 4270 4270 (9,930) (9,930) 4900 4900 8520 8520 11,010) (11,010) (19,440) (19,440) 9390 9390 13 810 13 510 21,140) (21,140) (29,920) (28,930) 10 680 10 680	6030 (13,010) 7950 (17,100) 9680 (20,880) 4270 4270 4270 10 540 (9,930) (9,930) (22,810) 4900 4900 8520 8520 10 510 (11,010) (11,010) (19,440) (19,440) (22,760) 9390 9390 13 810 13 340 9650 21,140) (21,140) (29,920) (28,570) (20,840) 10 680 10 680 7540 (22,820) (16,000) 21,140 (21,140) 4900 8520 8520 10 510 (13,010) 7950 (17,100) 9680 (20,880) 4270 4270 10 540 (9,930) 49,930) (9,930) (22,810) 4900 4900 8520 8520 15 100 11,010) (11,010) (11,010) (19,440) (19,440) (22,760) 9390 9390 13 810 13 510 9650 21,140) (21,140) (29,920) (28,930) (20,840) 10 680 7540	6030 6030 (13,010) (13,010) 7950 7430 (17,100) (16,010) 9680 6930 (20,880) (14,930) (19,930) (9,930) (22,810) (14,340) (19,930) (11,010) (19,440) (19,440) (22,760) (14,170) (19,340) (22,760) (14,170) (11,010) (19,440) (19,440) (22,760) (14,170) (14,310) (4650 (10,210) 6030 6030 5200 (10,210) 6030 6030 5200 (13,010) (13,010) (13,010) (11,310) 7950 7430 6070 (17,100) (16,010) (13,150) 9680 6930 6940 (20,880) (14,930) (15,030) (15,030) (14,930) (15,030) (14,930) (15,030) (14,930) (15,030) (14,930) (15,030) (14,930) (15,030) (14,010) (11,010) (19,440) (19,440) (22,760) (14,170) (15,130) (13,010) (13,100) (13,100) (13,100) (13,100) (13,010) (

Buckets 210G / 210G LC

A full line of buckets is offered to meet a wide variety of applications. Digging forces are with power boost. Buckets are equipped with John Deere TK-Series Bucket Teeth standard. Replaceable cutting edges and a variety of teeth are available through John Deere Parts. Optional side cutters add 150 mm (6 in.) to bucket widths. Capacities are SAE heaped ratings.

									Arm D	ig Force			Number
Type Bucket	Bucket Width		Bucket Capacity		Bucket Weight		Bucket Dig Force		2.91 m (9 ft. 7 in.)		Bucket Tip Radius		of Teeth
	mm	in.	m^3	cu. yd.	kg	lb.	kN	lbf	kN	lbf	mm	in.	
Heavy Duty	914	36	0.69	0.90	704	1,551	164.4	36,948	115.1	25,869	1422	56	5
	1067	42	0.83	1.09	768	1,692	164.4	36,948	115.1	25,869	1422	56	5
	1219	48	0.99	1.29	850	1,873	164.4	36,948	115.1	25,869	1422	56	6
Heavy Duty													
High Capacity	610	24	0.43	0.56	660	1,453	161.5	36,300	114.4	25,719	1448	57	4
	760	30	0.58	0.76	723	1,593	161.5	36,300	114.4	25,719	1448	57	4
	914	36	0.74	0.97	829	1,825	161.5	36,300	114.4	25,719	1448	57	5
	1067	42	0.91	1.19	924	2,035	161.5	36,300	114.4	25,719	1448	57	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-execuation applications in the deal 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.

210G /	
210G LC	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
•	Fuel shutoff valve
•	Full-flow oil filter
•	Turbocharger with charge air cooler
•	Cool-on-demand hydraulic-driven fan
•	500-hour engine-oil-change interval
•	70% (35 deg.) off-level capability
•	Engine-oil-sampling valve
•	Programmable auto shutdown
A	Chrome exhaust stack
A	Severe-duty fuel filter
A	Hydraulic fan reverser
A	Engine coolant heater
A	Engine air precleaner
	Hydraulic System
•	Reduced-drift valve for boom down, arm in
•	Auxiliary hydraulic valve section
•	Spring-applied, hydraulically released automatic swing brake

- Auxiliary hydraulic-flow adjustments through
- monitor Auto power lift
- 5,000-hour hydraulic-oil-change interval
- Hydraulic-oil-sampling valve
- Control pattern-change valve
- Powerwise Plus™ hydraulic-management
- Auxiliary hydraulics with combination piping
- Auxiliary pilot and electric controls
- Hydraulic filter restriction indicator kit
- Load-lowering control device
- Single-pedal propel control
- Dual pump-flow combiner
- High-flow auxiliary hydraulic lines with dual stop valves

Undercarriage

- Planetary drive with axial piston motors
- Propel motor shields
- Spring-applied, hydraulically released automatic propel brake
- Track guides, front idler and center
- 2-speed propel with automatic shift
- Upper carrier rollers (2)
- Sealed and lubricated track chain
- Heavy-duty undercover

210G LC Undercarriage (continued)

- Triple semi-grouser shoes, 600 mm (24 in.)
- Triple semi-grouser shoes, 700 mm (28 in.)
- Triple semi-grouser shoes, 800 mm (32 in.)

Upperstructure

- Right-hand and left-hand mirrors
- Vandal locks with ignition key: Cab door / Service doors / Toolbox
- Debris screen in side panel
- Remote-mounted engine oil and fuel filters
- Service handrails

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, 2.91 m (9 ft. 7 in.)
- Attachment quick-couplers
- Boom cylinder with plumbing to mainframe for less boom and arm
- Buckets: Heavy duty / Side cutters and teeth
- Material clamps
- Super-long fronts

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/
- Built-in Operator's Manual storage compartment and manual
- Cell-phone power outlet, 12 volt, 60 watt, 5 amp
- Coat hook
- Standard cloth seat, mechanical suspension, with 100-mm (4 in) adjustable armrests
- Deluxe heated cloth seat, air suspension, with 100-mm (4 in.) adjustable armrests
- Premium thermally heated and actively cooled
- Retractable seat belt, 76 mm (3 in.) (conforms to SAE J368)
- Floor mat
- Front windshield wiper with intermittent
- Gauges (illuminated): Diesel Exhaust Fluid (DEF) / Engine coolant / Fuel
- Horn, electric
- Hourmeter, electric
- Hydraulic shutoff lever, all controls
- Hydraulic warm-up control

210G LC Operator's Station (continued)

- Interior light
- Large cup holder
- Machine Information Center (MIC)
- Mode selectors (illuminated): Power modes (3) / Travel modes (2 with automatic shift) / Work mode (1)
- Multifunction, color LCD monitor with: Diagnostic capability / Multiple-language capabilities / Maintenance tracking / Clock / System monitoring with alarm features: Auto-idle indicator, engine air cleaner restriction indicator light, engine check, engine coolant temperature indicator light with audible alarm, engine oil pressure indicator light with audible alarm, low-alternator-charge indicator light, low-fuel indicator light, low DEF indication with audible alarm, fault code alert indicator, fuel-rate display, wiper-mode indicator, worklights-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
- Tinted glass
- Transparent tinted overhead hatch
- Hot/cold beverage compartment
- USB charging port
- Hydraulic oil filter restriction indicator light
- Protection screens for cab front, rear, and side
- Window vandal-protection covers
- In-monitor adjustable flow and pressure auxiliary hydraulics with auxiliary function

Grade Control

- Grade Guidance, factory integrated
- SmartGrade™ Ready including 2D grade control
- SmartGrade 3D grade control

Electrical

- 100-amp alternator
- Blade-type multi-fused circuits
- Positive-terminal battery covers
- JDLink™ wireless communication system (available in specific countries; see your
- Rearview camera
- Cab extension wiring harness

dealer for details)

- Work lights: Halogen / 1 mounted on boom / 1 mounted on frame
- LED light kit: 2 lights mounted on cab front / 1 mounted on cab rear / 1 mounted on boom / 1 mounted in toolbox
- Deluxe LED light package

 $While \ general \ information, pictures, and \ descriptions \ are \ provided, some \ illustrations \ and \ text \ may \ include \ product \ options$ and accessories NOT AVAILABLE in all regions, and in some countries products and accessories may require modifications or additions to ensure compliance with the local regulations of those countries.

Net engine power is with standard equipment including air cleaner, exhaust system, alternator, and cooling fan, at test conditions specified per ISO 9249.

