

SUPER-LONG-FRONT EXCAVATORS

15.33–22.02 m (50 ft. 4 in.–72 ft. 3 in.) Maximum Reach



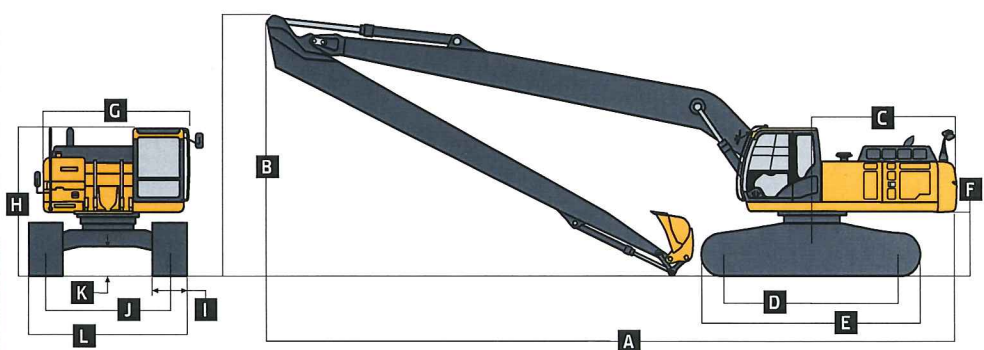
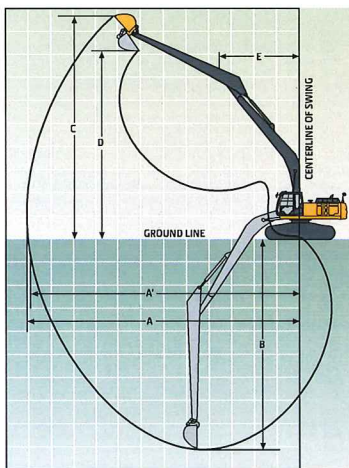
JOHN DEERE



Super-Long-Front



Operating Weights	210G LC	250G LC	290G LC	350G LC	
With Full Fuel Tank, 79-kg (175 lb.) Operator, and 800-mm (32 in.) Triple Semi-Grouser Shoes					
762-mm (30 in.), 0.45-m³ (0.60 cu. yd.), 320-kg (706 lb.) Bucket; 6.33-m (20 ft. 9 in.) Arm; and 4250-kg (9,370 lb.) Counterweight with Optional 953-kg (2,100 lb.) Counterweight	23 171 kg (51,037 lb.)	—	—	—	
762-mm (30 in.), 0.40-m³ (0.50 cu. yd.), 300-kg (662 lb.) Bucket; 7.88-m (25 ft. 10 in.) Arm; and 5112-kg (11,270 lb.) Counterweight with Optional 1021-kg (2,250 lb.) Counterweight	—	26 816 kg (59,066 lb.)	—	—	
762-mm (30-in.), 0.45-m³ (0.60 cu. yd.), 320-kg (706 lb.) Bucket; 7.88-m (25 ft. 10 in.) Arm; and 5812-kg (12,813 lb.) Counterweight with Optional 1,021-kg (2,250 lb.) Counterweight	—	—	30 730 kg (67,687 lb.)	—	
1524-mm (60-in.), 1.1-m³ (1.44 cu. yd.), 680-kg (1,500 lb.) Bucket; 7.52-m (24 ft. 8 in.) Arm; and 6928-kg (15,274 lb.) Counterweight with Optional 907-kg (2,000 lb.) Counterweight	—	—	—	34 679 kg (76,385 lb.)	
1524-mm (60 in.), 0.7-m³ (0.9 cu. yd.), 463-kg (1,020 lb.) Bucket; 9.4-m (30 ft. 10 in.) Arm; and 6928-kg (15,274 lb.) Counterweight with Optional 1950-kg (4,300 lb.) Counterweight	—	—	—	36 179 kg (79,689 lb.)	
Operating Dimensions	210G LC	250G LC	290G LC	350G LC	
Front Length	15.3-m (50 ft.)	18.3-m (60 ft.)	18.3-m (60 ft.)	18.3-m (60 ft.)	22.0-m (72 ft.)
	Super-Long Front	Super-Long Front	Super-Long Front	Super-Long Front	Super-Long Front
Arm Digging Force (ISO)	48.6 kN (10,917 lb.)	49.0 kN (11,028 lb.)	49.1 kN (11,028 lb.)	74.4 kN (16,345 lb.)	60.1 kN (13,503 lb.)
Bucket Digging Force (ISO)	78.8 kN (17,703 lb.)	78.5 kN (17,656 lb.)	78.5 kN (17,656 lb.)	92.0 kN (20,691 lb.)	78.7 kN (17,703 lb.)
A Maximum Reach	15.33 m (50 ft. 4 in.)	18.25 m (59 ft. 10 in.)	18.25 m (59 ft. 11 in.)	18.28 m (60 ft. 0 in.)	22.02 m (72 ft. 3 in.)
A' Maximum Reach at Ground Level	15.00 m (49 ft. 3 in.)	18.15 m (59 ft. 7 in.)	18.14 m (59 ft. 6 in.)	18.15 m (59 ft. 7 in.)	21.91 m (71 ft. 11 in.)
B Maximum Digging Depth	11.98 m (39 ft. 4 in.)	14.35 m (47 ft. 1 in.)	14.42 m (47 ft. 4 in.)	14.15 m (46 ft. 5 in.)	17.41 m (57 ft. 1 in.)
C Maximum Cutting Height	13.50 m (44 ft. 3 in.)	15.81 m (51 ft. 10 in.)	14.82 m (48 ft. 7 in.)	14.54 m (47 ft. 8 in.)	17.17 m (56 ft. 4 in.)
D Maximum Dumping Height	11.10 m (36 ft. 5 in.)	13.41 m (44 ft. 0 in.)	12.46 m (40 ft. 11 in.)	11.88 m (39 ft. 0 in.)	14.83 m (48 ft. 8 in.)
E Minimum Swing Radius	4.72 m (15 ft. 6 in.)	5.39 m (17 ft. 8 in.)	6.17 m (20 ft. 3 in.)	6.60 m (21 ft. 8 in.)	7.74 m (25 ft. 5 in.)





Machine Dimensions	210G LC	250G LC	290G LC	350G LC	
Front Length	<i>15.3-m (50 ft.)</i>	<i>18.3-m (60 ft.)</i>	<i>18.3-m (60 ft.)</i>	<i>18.3-m (60 ft.)</i>	<i>22.0-m (72 ft.)</i>
	<i>Super-Long Front</i>	<i>Super-Long Front</i>	<i>Super-Long Front</i>	<i>Super-Long Front</i>	<i>Super-Long Front</i>
A Overall Length	12.08 m (39 ft. 8 in.)	13.89 m (45 ft. 7 in.)	13.85 m (45 ft. 5 in.)	14.58 m (47 ft. 10 in.)	16.96 m (55 ft. 8 in.)
B Overall Height	3.24 m (10 ft. 8 in.)	3.26 m (10 ft. 8 in.)	3.26 m (10 ft. 8 in.)	3.32 m (10 ft. 11 in.)	3.83 m (12 ft. 7 in.)
C Rear-End Length/Swing Radius	2.89 m (9 ft. 6 in.)	3.14 m (10 ft. 4 in.)	3.14 m (10 ft. 4 in.)	3.60 m (11 ft. 10 in.)	3.60 m (11 ft. 10 in.)
D Distance Between Idler/Sprocket Centerline	3.67 m (12 ft. 0 in.)	3.84 m (12 ft. 7 in.)	4.05 m (13 ft. 3 in.)	4.05 m (13 ft. 3 in.)	4.05 m (13 ft. 3 in.)
E Undercarriage Length	4.46 m (14 ft. 8 in.)	4.64 m (15 ft. 3 in.)	4.94 m (16 ft. 2 in.)	4.94 m (16 ft. 2 in.)	4.94 m (16 ft. 2 in.)
F Counterweight Clearance	1.03 m (3 ft. 5 in.)	1.09 m (3 ft. 7 in.)	1.18 m (3 ft. 10 in.)	1.18 m (3 ft. 10 in.)	1.18 m (3 ft. 10 in.)
G Upperstructure Width	2.71 m (8 ft. 11 in.)	2.89 m (9 ft. 6 in.)	2.89 m (9 ft. 6 in.)	2.99 m (9 ft. 10 in.)	2.99 m (9 ft. 10 in.)
H Cab Height	2.95 m (9 ft. 8 in.)	3.01 m (9 ft. 11 in.)	3.11 m (10 ft. 2 in.)	3.14 m (10 ft. 4 in.)	3.14 m (10 ft. 4 in.)
I Track Width	600 mm (24 in.) / 700 mm (28 in.) / 800 mm (32 in.)	600 mm (24 in.) / 700 mm (28 in.) / 800 mm (32 in.)	600 mm (24 in.) / 700 mm (28 in.) / 800 mm (32 in.)	600 mm (24 in.) / 700 mm (28 in.) / 800 mm (32 in.)	600 mm (24 in.) / 700 mm (28 in.) / 800 mm (32 in.)
J Gauge Width	2.39 m (7 ft. 10 in.)	2.59 m (8 ft. 6 in.)	2.59 m (8 ft. 6 in.)	2.59 m (8 ft. 6 in.)	2.59 m (8 ft. 6 in.)
K Ground Clearance	450 mm (17.72 in.)	460 mm (18 in.)	510 mm (20 in.)	500 mm (20 in.)	500 mm (20 in.)
L Overall Width with Shoes					
600 mm (24 in.)	2.99 m (9 ft. 10 in.)	3.19 m (10 ft. 6 in.)	3.19 m (10 ft. 6 in.)	3.19 m (10 ft. 6 in.)	3.19 m (10 ft. 6 in.)
700 mm (28 in.)	3.09 m (10 ft. 2 in.)	3.29 m (10 ft. 10 in.)	3.29 m (10 ft. 10 in.)	3.29 m (10 ft. 10 in.)	3.29 m (10 ft. 10 in.)
800 mm (32 in.)	3.19 m (10 ft. 6 in.)	3.39 m (11 ft. 3 in.)	3.39 m (11 ft. 3 in.)	3.39 m (11 ft. 2 in.)	3.39 m (11 ft. 2 in.)

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 standard counterweight and standard gauge; and situated on firm, level, uniform supporting surface. Figures do not exceed 87 percent of hydraulic capacity or 75 percent of weight needed to tip machine.

Load Point Height	3.0 m (10 ft.)		4.5 m (15 ft.)		6.0 m (20 ft.)		7.5 m (25 ft.)		9.0 m (30 ft.)		10.5 m (35 ft.)		12.0 m (40 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	Over Front	Over Side	Over Front	Over Side
With 6.33-m (20 ft. 9 in.) arm, 8.14-m (26 ft. 8 in.) boom, 319-kg (703 lb.) bucket, and 800-mm (32 in.) triple semi-grouser shoes														
10.5 m (35 ft.)												1670 (3,180)	1670 (3,180)	
9.0 m (30 ft.)												2130 (4,510)	2130 (4,510)	1230 1230
7.5 m (25 ft.)												2320 (5,120)	2320 (5,120)	1870 (3,770)
6.0 m (20 ft.)												2460 (5,390)	2460 (5,390)	2230 (4,670)
4.5 m (15 ft.)									2790 (6,090)	2790 (6,090)		2660 (5,810)	2660 (5,810)	2530 (5,360)
3.0 m (10 ft.)					4200 (9,070)	4200 (9,070)	3560 (7,720)	3560 (7,720)	3160 (6,880)	3160 (6,880)	2900 (6,330)	2600 (5,600)	2720 (5,950)	2100 (4,510)
1.5 m (5 ft.)	2630 (6,160)	2630 (6,160)	7220 (15,550)	7220 (15,550)	5180 (11,210)	5180 (11,210)	4150 (9,010)	4000 (8,630)	3550 (7,710)	3100 (6,690)	3160 (6,880)	2480 (5,350)	2890 (6,300)	2020 (4,350)
Ground Line	2280 (5,190)	2280 (5,190)	5920 (13,730)	5920 (13,730)	6010 (13,010)	4990 (10,780)	4690 (10,170)	3740 (8,070)	3910 (8,480)	2930 (6,330)	3400 (7,390)	2370 (5,110)	2990 (6,430)	1950 (4,210)
-1.5 m (-5 ft.)	2830 (6,370)	2830 (6,370)	5320 (12,160)	5320 (12,160)	6570 (14,230)	4720 (10,180)	5100 (11,050)	3550 (7,660)	4190 (9,110)	2800 (6,040)	3510 (7,580)	2280 (4,920)	2930 (6,310)	1900 (4,090)
-3.0 m (-10 ft.)	3640 (8,180)	3640 (8,180)	5790 (13,160)	5790 (13,160)	6850 (14,850)	4570 (9,860)	5340 (11,590)	3420 (7,390)	4230 (9,140)	2710 (5,850)	3450 (7,440)	2220 (4,790)	2890 (6,240)	1860 (4,020)
-4.5 m (-15 ft.)	4610 (10,390)	4610 (10,390)	6760 (15,360)	6750 (14,540)	6880 (14,920)	4520 (9,750)	5360 (11,560)	3370 (7,280)	4190 (9,040)	2670 (5,760)	3420 (7,390)	2190 (4,740)	2880 (5,410)	1860 (4,020)
-6.0 m (-20 ft.)	5780 (13,050)	5780 (13,050)	8180 (18,680)	6830 (14,730)	6670 (14,420)	4540 (9,810)	5290 (11,430)	3380 (7,300)	4190 (9,060)	2670 (5,780)	3440 (7,440)	2210 (4,790)		
-7.5 m (-25 ft.)	7240 (16,410)	7240 (16,410)	8040 (17,300)	7000 (15,110)	6160 (13,250)	4640 (10,030)	4910 (10,550)	3450 (7,460)	3980 (8,490)	2740 (5,940)	2420	2300		
-9.0 m (-30 ft.)	9210 (19,840)	9210 (19,840)	6770 (14,380)	6770 (14,380)	5240 (11,110)	4820 (10,450)	4120 (8,670)	3590 (7,810)						
-10.5 m (-35 ft.)			4660	4660	3500	3500								