Engine	E210 LC	
Manufacturer and Model	John Deere PowerTech™ 4045H	EU Stage II / EU Stage III
Net Rated Power (ISO 3046)	117 kW (158hp) at 2,000 rpm	
Net Peak Power (ISO 3046)	118 kW (160hp) at 1,900 rpm	
Maximum Net Torque (ISO 3046)	625 Nm at 1,600 rpm	
Cylinders	4	
Displacement	4.5 L	

Travel System	
Fully hydrastatic 2-speed axial-piston motor with spring-applied hydraulic-released brake	
Maximum Travel Speed	
Low	3.2 km/h
High	5.7 km/h
Drawbar Pull	216 kN

Hydraulics	
Main Pumps	Tandem variable-displacement electrohydraulic (EH)-controlled axial-piston pumps
Maximum Rated Flow	224 L/m x 2
Pilot Pump	Gear type
Maximum Rated Flow	20 L/m x 1
System Operating Pressure	
Circuits	
Implement	32.4 MPa
Travel	35.3 MPa
Swing	25.5 MPa
Pilot	3.9 MPa
Pressure Boost	35.3 MPa
Controls	Hydraulic pilot controls with hydraulic-enable lever

Electrical	
Number of Batteries (12 volt)	2
Battery Capacity	925 CCA
Reserve Capacity	150 min.
Alternator Rating	80 amp
Work Lights	2 mounted on boom, one on frame

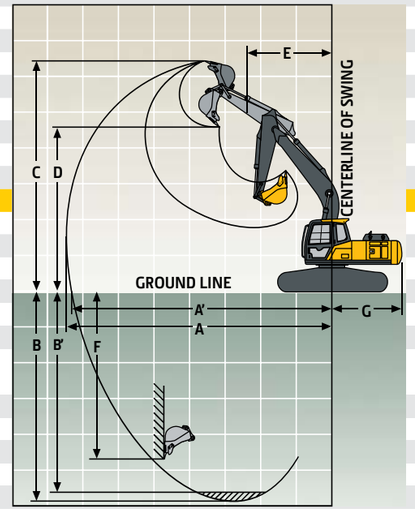
Undercarriage	
Rollers (each side)	
Carrier	2
Track	8
Shoes, Triple Grousers (each side)	49
Track	
Adjustment	Hydraulic
Guides	2 per side

Ground Pressure	
Triple-Grouser Shoes	
600 mm	46.3 kPa
800 mm	35.8 kPa

Swing Mechanism	E210 LC
Speed	12.7 rpm
Torque	58.6 kNm

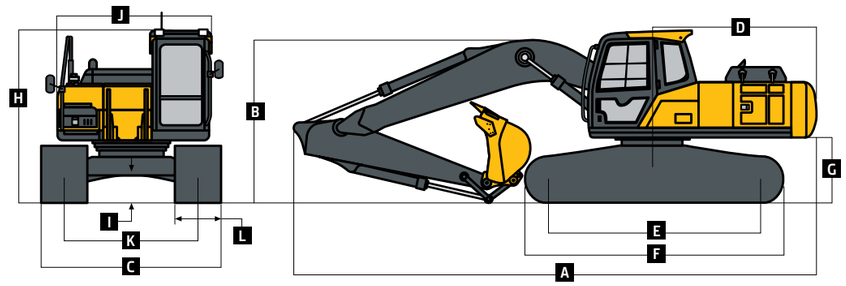
Operating Weights	
Based on unit with 0.9-m³ general-purpose bucket, 2.9-m arm with 5.7-m boom, 600-mm triple-grouser shoes, and full fuel tank	
Operating Weight with Triple-Grouser Shoes	
600 mm	23 330 kg
800 mm	23 876 kg
Component Weights	
One-Piece Boom (with arm cylinder)	2014 kg
2.9-m Arm with Bucket Cylinder and Linkage	1119 kg
Boom-Lift Cylinders (2), Total Weight	362 kg
0.9-m³ General-Purpose Bucket	798 kg
Counterweight	4200 kg

Operating Dimensions	
Arm Length	*2.9 m with 5.7-m Boom*
Bucket Digging Force	152.1 kN
Arm Digging Force	109.8 kN
A Maximum Reach	9828 mm
Aˡ Maximum Reach at Ground Level	9654 mm
B Maximum Digging Depth	6520 mm
Bˡ Maximum Digging Depth at 2.44-m Flat Bottom	6310 mm
C Maximum Cutting Height	9628 mm
D Maximum Loading Height	6855 mm
E Minimum Slew Radius	3659 mm
F Maximum Vertical Wall Digging Depth	4098 mm
G Tail-Swing Radius	3042 mm



Serviceability	
Refill Capacities (Standard fill)	
Fuel Tank	392 L
Cooling System	26 L
Engine Oil	14.7 L
Hydraulic System	342 L
Hydraulic Tank	232 L
Swing Mechanism	4 L
Travel Final Device (each)	3.3 L

Machine Dimensions	E210 LC
A Overall Length	9790 mm
B Overall Height	
With Boom	3139 mm
With Boom Plumbing	3288 mm
C Overall Width (over tracks)	2980 mm
D Tail Length	2975 mm
Tail-Swing Radius	3042 mm
E Distance Between Idler/Sprocket	3640 mm
F Undercarriage Length	4441 mm
G Counterweight Clearance	1092 mm
H Cab Height	3049 mm
I Ground Clearance	445 mm
J Overall Width of Upperstructure	2710 mm
K Track Gauge	2380 mm
L Shoe Width	600, 800 mm

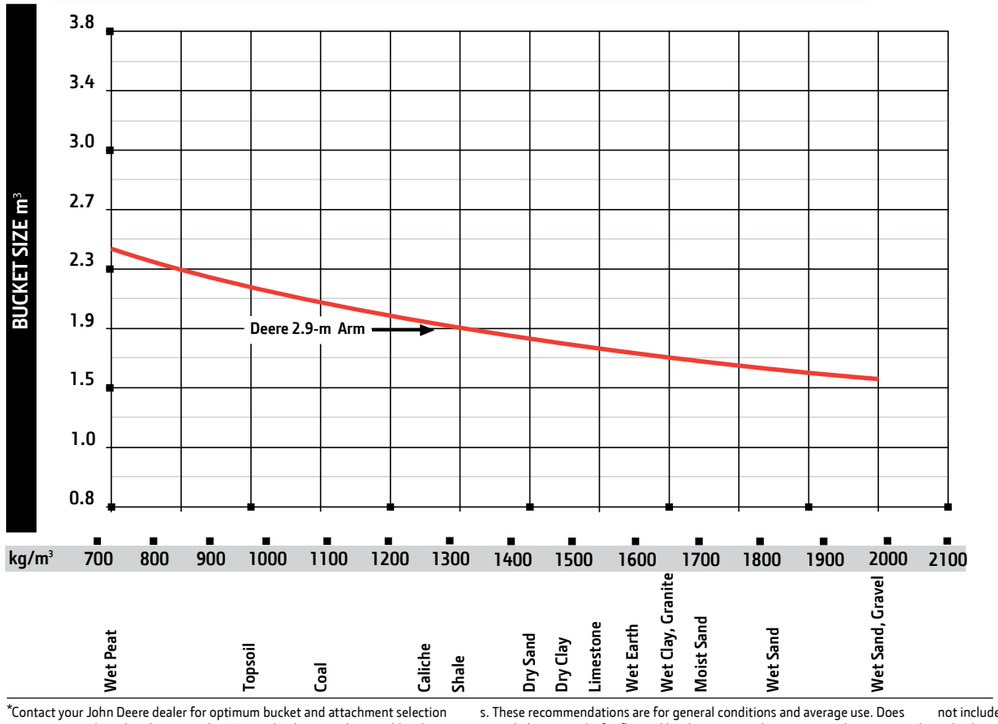


Lift Capacities

Boldface type indicates stability-limited capacity; lightface type indicates hydraulically limited capacities, in kg. Ratings at bucket lift hook; machine equipped with 2.9-m arm with 5.7-m boom; 0.9-m³ 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.

Load Point Height	1.5 m		3.0 m		4.5 m		6.0 m		7.5 m		Maximum Reach		Maximum Reach mm
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	
6.0 m									3840	**3200**			
4.5 m							4190	4190	4000	**3180**	4000	**2910**	7830
3.0 m					6620	6620	5090	**4560**	4400	**3080**	3470	**2280**	8720
1.5 m					8740	**6690**	6110	**4300**	**4800**	**2960**	3460	**2150**	8910
Ground Line			6030	6030	9960	**6450**	**6800**	**4130**	**4720**	**2870**	**3620**	**2180**	8790
–1.5 m			7520	7520	10 210	**6490**	**6780**	**4090**	**4710**	**2850**	**3940**	**2380**	8390
–3.0 m	9080	9080	13 860	13 860	9710	**6710**	**6920**	**4170**	**4820**	**2930**	**4670**	**2840**	7660
–4.5 m	13 410	13 410	11 560	11 560	8310	**7090**	5940	**4410**			5170	**3940**	6480

Bucket Selection Guide*



*Contact your John Deere dealer for optimum bucket and attachment selection s. 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.