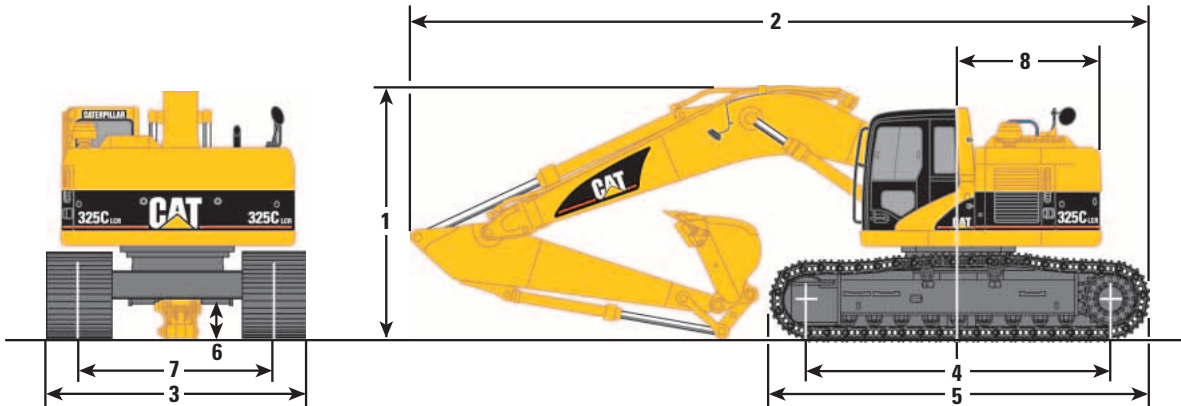


325C LCR Hydraulic Excavator

Dimensions

All dimensions are approximate.

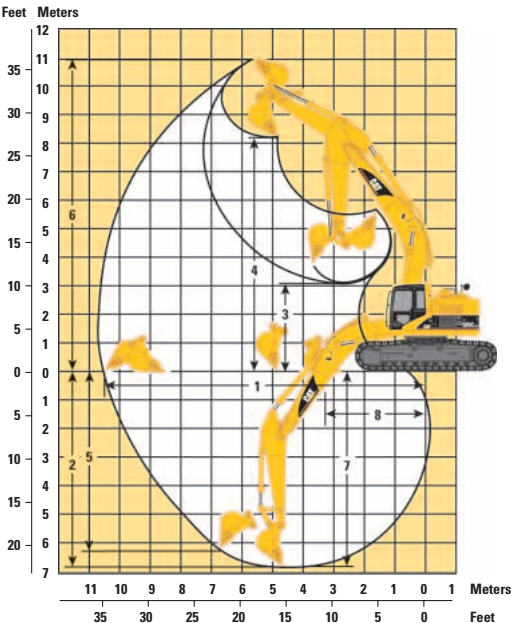


Boom Options

Stick Options

	Reach — 3.2 m (10'6") Stick R3.2C	Reach — 2.65 m (8'8") Stick R2.65C
1 Shipping Height	3380 mm (11'1")	3330 mm (10'11")
2 Shipping Length	9830 mm (32'3")	9830 mm (32'3")
3 Shipping Width – 850 mm shoes	3440 mm (11'3")	3440 mm (11'3")
Shipping Width – 750 mm shoes	3340 mm (10'11")	3340 mm (10'11")
Shipping Width – 600 mm shoes	3190 mm (10'6")	3190 mm (10'6")
4 Length to Center of Rollers	4040 mm (13'3")	4040 mm (13'3")
5 Track Length	5060 mm (16'7")	5060 mm (16'7")
6 Ground Clearance	540 mm (1'9")	540 mm (1'9")
7 Track Gauge	2590 mm (8'6")	2590 mm (8'6")
8 Tail Swing Radius	1900 mm (6'3")	1900 mm (6'3")

Working Ranges



	Reach Boom R3.2C	Reach Boom R2.65C
Stick Length	3.2 m (10'6")	2.65 m (8'8")
1 Maximum Reach @ Ground Level	10.47 m (34'4")	9.97 m (32'8")
2 Maximum Digging Depth	6.83 m (22'5")	6.28 m (20'7")
3 Minimum Loading Height	3.08 m (10'1")	3.64 m (11'11")
4 Maximum Loading Height	8.13 m (26'8")	7.85 m (25'9")
5 Maximum Vertical Wall Digging Depth	6.58 m (21'7")	5.59 m (18'4")
6 Maximum Cutting Height	11.05 m (36'3")	10.77 m (35'4")
7 Maximum Depth Cut for a 2440 mm (8 ft) Level Bottom	6.67 m (21'10")	6.09 m (19'11")
8 Minimum Front Swing Radius	3.36 m (11'0")	3.47 m (11'4")

Reach Boom 6.15 m (20'2"), 1.2 m³ (1.57 yd³) bucket

325C LCR Hydraulic Excavator

325C LCR Bucket Options

	Capacity*		Width		Tip Radius		Weight (without tips)		Tips Qty	Tip Family	Tip Weight lb	Total Weight lb	Reach Boom	Reach Boom
	m³	yd³	mm	in	mm	in	kg	lb					Stick R3.2C (10'6")	Stick R2.65C (8'2")
C-Family – Buckets														
General Purpose (GP)	0.8	1.12	775	30	1778	70.0	803	1,767	3	K90	29.00	1,854	●	●
	1.10	1.50	948	36	1778	70.0	890	1,958	5	K90	29.00	2,103	●	●
	1.30	1.75	1098	42	1778	70.0	951	2,092	5	K90	29.00	2,237	●	●
	1.60	2.12	1248	48	1778	70.0	1046	2,301	6	K90	29.00	2,475	●	●
	1.90	2.50	1395	54	1778	70.0	1116	2,455	7	K90	29.00	2,658	◐	◐
Heavy Duty (HD)	0.70	0.88	775	30	1638	64.5	792	1,742	3	K100	29.00	1,829	●	●
	0.90	1.25	948	36	1638	64.5	888	1,954	4	K100	29.00	2,070	●	●
	1.10	1.50	1098	42	1638	64.5	962	2,116	5	K100	29.00	2,261	●	●
	1.30	1.75	1248	48	1638	64.5	1037	2,281	5	K100	29.00	2,426	●	●
	1.50	2.00	1395	54	1638	64.5	1119	2,462	6	K100	29.00	2,636	●	●
	1.70	2.25	1522	60	1638	64.5	1195	2,629	7	K100	29.00	2,832	◐	◐
	1.90	2.50	1680	66	1638	64.5	1281	2,818	7	K100	29.00	3,021	○	○
Heavy Duty Rock (HDR)	0.70	0.88	775	30	1638	64.5	918	2,024	3	K100	29.00	2,111	●	●
	0.90	1.25	948	36	1638	64.5	1000	2,200	4	K100	29.00	2,316	●	●
	1.10	1.50	1098	42	1638	64.5	1084	2,385	5	K100	29.00	2,530	●	●
	1.30	1.75	1248	48	1638	64.5	1168	2,570	5	K100	29.00	2,715	●	●
Heavy Duty Power (HDP)	1.15	1.50	1098	42	1550	61.0	1008	2,218	5	K100	29.00	2,363	●	●
	1.34	1.75	1248	48	1550	61.0	1083	2,383	5	K100	29.00	2,528	●	●
	1.53	2.00	1395	54	1550	61.0	1177	2,589	6	K100	29.00	2,763	●	●
Ditch Cleaning (DC)	1.10	1.50	1676	66	1132	45.0	813	1,789				1,789	●	●
	1.20	1.62	1829	72	1132	45.0	860	1,892				1,892	●	●

Assumptions for maximum material density rating

- 1. Front linkage fully extended at ground line
- 2. Bucket curled
- 3. 100% bucket fill factor

* Capacities based on SAE J296. Some calculations of capacity fall on borderlines.
Rounding may allow two buckets to have the same English rating but different metric ratings.

- 2100 kg/m³ (3,500 lb/yd³)
- ◐ 1800 kg/m³ (3,000 lb/yd³)
- 1500 kg/m³ (2,500 lb/yd³)

Bucket and Stick Forces

Bucket and Stick force are calculated with different bucket than those calculated for working range.

Power Buckets	R3.2C (10'6") Stick	R2.65C (8'8") Stick
Bucket Digging Force (ISO)	183 kN (41,100 lb)	181 kN (40,800 lb)
Bucket Digging Force (SAE)	161 kN (36,200 lb)	160 kN (35,800 lb)
Stick Digging Force (ISO)	120 kN (27,000 lb)	138 kN (31,100 lb)
Stick Digging Force (SAE)	116 kN (26,200 lb)	134 kN (30,100 lb)
Heavy Duty & Heavy Duty Rock Buckets		
Bucket Digging Force (ISO)	164 kN (36,800 lb)	163 kN (36,500 lb)
Bucket Digging Force (SAE)	145 kN (32,500 lb)	144 kN (32,300 lb)
Stick Digging Force (ISO)	118 kN (26,500 lb)	136 kN (30,500 lb)
Stick Digging Force (SAE)	114 kN (25,700 lb)	131 kN (29,500 lb)
General Purpose Buckets		
Bucket Digging Force (ISO)	146 kN (32,800 lb)	145 kN (32,600 lb)
Bucket Digging Force (SAE)	133 kN (29,900 lb)	132 kN (29,800 lb)
Stick Digging Force (ISO)	113 kN (25,500 lb)	130 kN (29,100 lb)
Stick Digging Force (SAE)	111 kN (24,900 lb)	126 kN (28,400 lb)