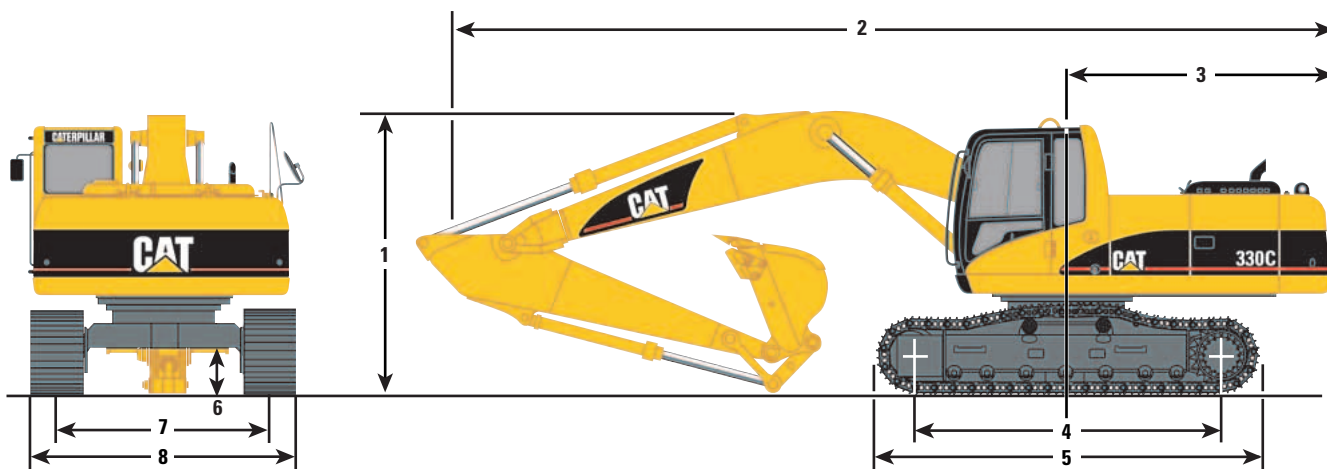


# 330C Hydraulic Excavator

## Dimensions

All dimensions are approximate.



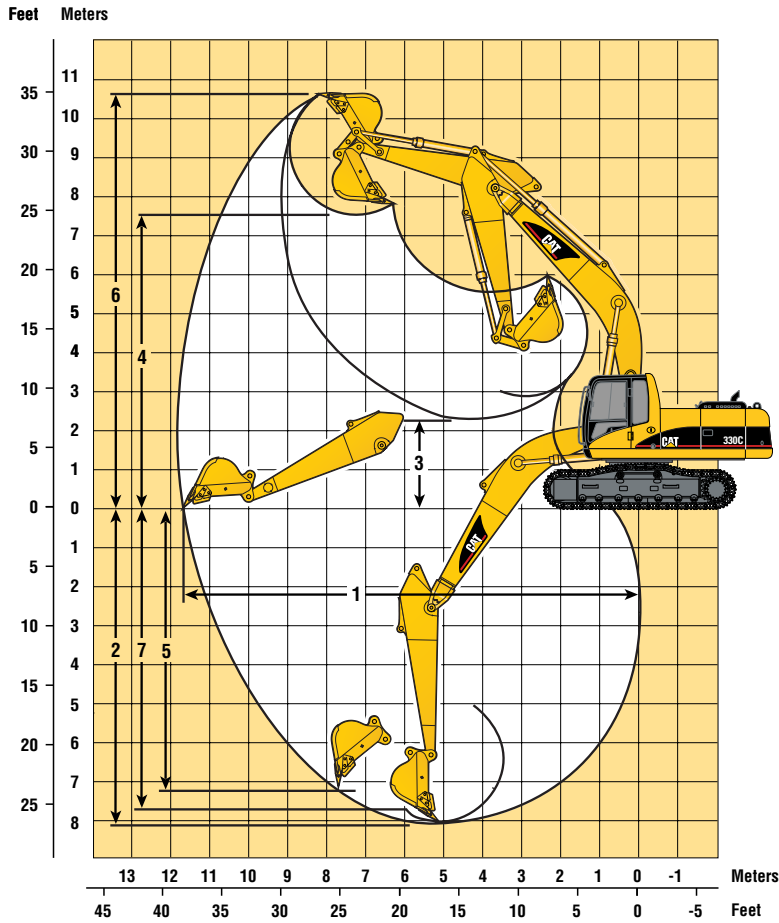
Boom Options	Reach — 6.5 m (21'4")	Reach — 6.5 m (21'4")	Reach — 6.5 m (21'4")	Mass — 6.18 m (20'3")
<b>Stick Options</b>	<b>R3.9D m (12'10")</b>	<b>R3.2D m (10'6")</b>	<b>R2.8D m (9'2")</b>	<b>M2.55E (8'4")</b>
<b>1</b> Shipping height	3730 mm (12'3")	3350 mm (11'0")	3590 mm (11'9")	3490 mm (11'5")
<b>2</b> Shipping length	11 190 mm (36'9")	11 140 mm (36'7")	11 200 mm (36'9")	10 840 mm (35'7")
<b>3</b> Tail swing radius	3500 mm (11'6")	3500 mm (11'6")	3500 mm (11'6")	3500 mm (11'6")
<b>4</b> Length to centers of rollers				
Standard undercarriage	3610 mm (11'10")	3610 mm (11'10")	3610 mm (11'10")	3610 mm (11'10")
Long undercarriage	4040 mm (13'3")	4040 mm (13'3")	4040 mm (13'3")	4040 mm (13'3")
<b>5</b> Track length				
Standard undercarriage	4580 mm (15'0")	4580 mm (15'0")	4580 mm (15'0")	4580 mm (15'0")
Long undercarriage	5020 mm (16'6")	5020 mm (16'6")	5020 mm (16'6")	5020 mm (16'6")
<b>6</b> Ground clearance	510 mm (1'8")	510 mm (1'8")	510 mm (1'8")	510 mm (1'8")
<b>7</b> Track gauge				
Standard undercarriage	2590 mm (8'6")	2590 mm (8'6")	2590 mm (8'6")	2590 mm (8'6")
Long undercarriage	2590 mm (8'6")	2590 mm (8'6")	2590 mm (8'6")	2590 mm (8'6")
<b>8</b> Shipping width with 600 mm (24") Shoes				
Standard undercarriage	3190 (10'6")	3190 (10'6")	3190 (10'6")	3190 (10'6")
Long undercarriage	3190 (10'6")	3190 (10'6")	3190 (10'6")	3190 (10'6")
Shipping width with 750 mm (30") Shoes				
Standard undercarriage	3340 (10'11")	3340 (10'11")	3340 (10'11")	3340 (10'11")
Long undercarriage	3340 (10'11")	3340 (10'11")	3340 (10'11")	3340 (10'11")
Shipping width with 850 mm (34") Shoes				
Standard undercarriage	3440 (11'3")	3440 (11'3")	3440 (11'3")	3440 (11'3")
Long undercarriage	3440 (11'3")	3440 (11'3")	3440 (11'3")	3440 (11'3")

Operating Weight	600 mm (24") Shoes — STD			750 mm (30") Shoes — LC		
	Bucket	kg	lb	Bucket	kg	lb
<b>Reach Boom 6.5 m (21'4")</b>						
Sticks: 3.9 m (12'10")	1.3 m <sup>3</sup> (1.7 yd <sup>3</sup> )	33 400	73,600	1.3 m <sup>3</sup> (1.7 yd <sup>3</sup> )	34 800	76,700
3.2 m (10'6")	1.4 m <sup>3</sup> (1.8 yd <sup>3</sup> )	33 300	73,400	1.5 m <sup>3</sup> (2.0 yd <sup>3</sup> )	34 700	76,500
2.8 m (9'2")	1.5 m <sup>3</sup> (2.0 yd <sup>3</sup> )	33 200	73,200	1.6 m <sup>3</sup> (2.1 yd <sup>3</sup> )	34 700	76,500
<b>Mass Boom 6.18 m (20'3")</b>						
Sticks: 2.55 m (8'4")	1.7 m <sup>3</sup> (2.2 yd <sup>3</sup> )	33 900	74,700	1.9 m <sup>3</sup> (2.5 yd <sup>3</sup> )	35 400	78,000

# 330C Hydraulic Excavator

## Working Ranges

## Major Component Weights



Booms: including lines, boom cylinders, stick cylinders and left side light

	kg	lb
Reach	3880	8600
Mass	3950	8700

Sticks: including bucket cylinder and bucket linkage

	kg	lb
R3.9 m	1340	3000
R3.2 m	1210	2700
R2.8 m	1110	2400
M2.55 m	1180	2600

Counterweight 6020 13,300

	Reach Boom 6.5 m (21'4")	Reach Boom 6.5 m (21'4")	Reach Boom 6.5 m (21'4")	Mass Boom 6.18 m (20'3")
<b>Stick Length</b>	<b>R3.9 (12'10")</b>	<b>R3.2 (10'6")</b>	<b>R2.8 (9'2")</b>	<b>M2.55E (8'4")</b>
<b>Bucket</b>	<b>1.3 m<sup>3</sup> (1.7 yd<sup>3</sup>)</b>	<b>1.4 m<sup>3</sup> (1.8 yd<sup>3</sup>)</b>	<b>1.5 m<sup>3</sup> (2 yd<sup>3</sup>)</b>	<b>1.7 m<sup>3</sup> (2.2 yd<sup>3</sup>)</b>
<b>1</b> Maximum Reach at Ground Level	11.64 m (38'2")	10.92 m (35'10")	10.62 m (34'10")	10.21 m (33'6")
<b>2</b> Maximum Digging Depth	8.09 m (26'7")	7.39 m (24'3")	6.99 m (22'11")	6.60 m (21'8")
<b>3</b> Minimum Loading Height	2.01 m (6'7")	2.71 m (8'11")	3.11 m (10'2")	2.97 m (9'9")
<b>4</b> Maximum Loading Height	7.64 m (25'1")	7.20 m (23'7")	7.20 m (23'7")	6.67 m (21'11")
<b>5</b> Maximum Vertical Wall Digging Depth	7.35 m (24'1")	6.49 m (21'4")	6.16 m (20'3")	5.85 m (19'2")
<b>6</b> Maximum Cutting Height	10.81 m (35'6")	10.34 m (33'11")	10.35 m (33'11")	10.17 m (33'4")
<b>7</b> Maximum Depth Cut for 2440 mm (8') Level Bottom	7.74 m (25'5")	7.04 m (23'1")	6.64 m (21'9")	6.19 m (20'4")

Bucket Digging Force (ISO/New JIS)	216 kN (48,600 lb)	215 kN (48,300 lb)	214 kN (48,100 lb)	259 kN (58,200 lb)
Bucket Digging Force (SAE/Old JIS)	190 kN (42,700 lb)	190 kN (42,700 lb)	189 kN (42,500 lb)	228 kN (51,300 lb)
Stick Digging Force (ISO/New JIS)	144 kN (32,400 lb)	166 kN (37,300 lb)	185 kN (41,600 lb)	187 kN (42,000 lb)
Stick Digging Force (SAE/Old JIS)	140 kN (31,500 lb)	161 kN (36,200 lb)	180 kN (40,500 lb)	180 kN (40,500 lb)

# 330C Hydraulic Excavator

## 330C Bucket Specifications and Compatibility (600 mm, 24" triple grouser shoes)

	Capacity*		Width		Tip Radius		Weight (w/o tips)		Teeth Qty	Reach			Mass
	m <sup>3</sup>	yd <sup>3</sup>	mm	in	mm	in	kg	lb		R3.9D (12'10")	R3.2D (10'6")	R2.8D (9'2")	
<b>D-Buckets</b>													
Excavation Buckets	1.3	1.7	1345	53	1660	65	1033	2277	5	●	●	●	—
	1.4	1.8	1430	56	1660	65	1075	2370	5	●	●	●	—
	1.4	1.8	1450	57	1703	67	1300	2866	5	●	●	●	—
	1.5	2.0	1500	59	1660	65	1135	2502	5	●	●	●	—
Mass Excavation Buckets	1.6	2.1	1520	60	1660	65	1180	2601	6	●	●	●	—
	1.9	2.5	1700	67	1660	65	1260	2778	6	●	●	●	—
Heavy Duty Buckets	0.7	0.9	775	31	1762	69	985	2172	3	●	●	●	—
	0.9	1.2	925	36	1762	69	1090	2403	3	●	●	●	—
	1.2	1.6	1098	43	1762	69	1200	2646	4	●	●	●	—
	1.4	1.8	1225	48	1762	69	1207	2661	5	●	●	●	—
	1.7	2.2	1400	55	1762	69	1307	2881	5	●	●	●	—
	1.8	2.4	1540	61	1762	69	1408	3104	6	●	●	●	—
	2.0	2.6	1690	67	1762	69	1494	3294	6	○	●	●	—
2.2	2.9	1820	72	1761	69	1650	3638	7	∴	○	●	—	
<b>E-Buckets</b>													
Excavation Buckets	1.7	2.2	1470	58	1845	73	1421	3133	5	—	—	—	●
	1.9	2.5	1560	63	1845	73	1499	3305	5	—	—	—	●
Mass Excavation Buckets	2.1	2.7	1735	68	1845	73	1606	3541	6	—	—	—	●

## 330C L Bucket Specifications and Compatibility (750 mm, 30" triple grouser shoes)

	Capacity*		Width		Tip Radius		Weight (w/o tips)		Teeth Qty	Reach			Mass
	m <sup>3</sup>	yd <sup>3</sup>	mm	in	mm	in	kg	lb		R3.9D (12'10")	R3.2D (10'6")	R2.8D (9'2")	
<b>D-Buckets</b>													
Excavation Buckets	1.3	1.7	1345	53	1660	65	1033	2277	5	●	●	●	—
	1.4	1.8	1430	56	1660	65	1075	2370	5	●	●	●	—
	1.4	1.8	1450	57	1703	67	1300	2866	5	●	●	●	—
	1.5	2.0	1500	59	1660	65	1135	2502	5	●	●	●	—
Mass Excavation Buckets	1.6	2.1	1520	60	1660	65	1180	2601	6	●	●	●	—
	1.9	2.5	1700	67	1660	65	1260	2778	6	●	●	●	—
Heavy Duty Buckets	0.7	0.9	775	31	1762	69	985	2172	3	●	●	●	—
	0.9	1.2	925	36	1762	69	1090	2403	3	●	●	●	—
	1.2	1.6	1098	43	1762	69	1200	2646	4	●	●	●	—
	1.4	1.8	1225	48	1762	69	1207	2661	5	●	●	●	—
	1.7	2.2	1400	55	1762	69	1307	2881	5	●	●	●	—
	1.8	2.4	1540	61	1762	69	1408	3104	6	●	●	●	—
	2.0	2.6	1690	67	1762	69	1494	3294	6	○	●	●	—
2.2	2.9	1820	72	1761	69	1650	3638	7	○	●	●	—	
<b>E-Buckets</b>													
Excavation Buckets	1.7	2.2	1470	58	1845	73	1421	3133	5	—	—	—	●
	1.9	2.5	1560	63	1845	73	1499	3305	5	—	—	—	●
Mass Excavation Buckets	2.1	2.7	1735	68	1845	73	1606	3541	6	—	—	—	●

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/m<sup>3</sup> (3500 lbs/yd<sup>3</sup>)
- 1800 kg/m<sup>3</sup> (3000 lbs/yd<sup>3</sup>)
- 1500 kg/m<sup>3</sup> (2500 lbs/yd<sup>3</sup>)
- 1200 kg/m<sup>3</sup> (2000 lbs/yd<sup>3</sup>)
- ∴ 900 kg/m<sup>3</sup> (1500 lbs/yd<sup>3</sup>)
- Not Available

# 330C Hydraulic Excavator

## Reach Boom Lift Capacities



Load Point Height



Load Radius Over Front



Load Radius Over Side

















Load at Maximum Reach

**R2.8D STICK** – 2800 mm (9'2")  
**BUCKET** – 1.5 m<sup>3</sup> (1.96 yd<sup>3</sup>)

**UNDERCARRIAGE** – Standard  
**SHOES** – 600 mm (24") triple grouser

**BOOM** – 6500 mm (21'4")

















	3.0 m (10.0 ft)		4.5 m (15.0 ft)		6.0 m (20.0 ft)		7.5 m (25.0 ft)		9.0 m (30.0 ft)				m ft	
														
9.0 m kg												*4950	*4950	7.74
7.5 m 25.0 ft kg lb							*6900 *15,200	6050 13,350				*4600 *10,200	4450 10,000	9.02 29.32
6.0 m 20.0 ft kg lb							*7200 *15,700	5950 12,700				*4500 *9900	3650 8150	9.82 32.08
4.5 m 15.0 ft kg lb			*11 600 *24,850	*11 600 *24,850	*9050 *19,550	8500 18,250	*7750 *16,850	5750 12,350	5800 12,800	4050 8850	*4550 *10,000	3250 7150	10.28 33.68	
3.0 m 10.0 ft kg lb			*14 800 *31,700	12 350 26,600	*10 550 *22,800	7950 17,050	7850 16,900	5500 11,800	5750 12,250	3950 8400	4500 9850	3050 6700	10.46 34.32	
1.5 m 5.0 ft kg lb			*16 650 *36,500	11 400 24,550	10 850 23,300	7450 16,000	7600 16,300	5250 11,250	5600 12,000	3850 8150	4450 9800	3000 6600	10.38 34.05	
Ground Line kg lb			16 850 36,150	11 050 23,700	10 500 22,550	7150 15,300	7400 15,850	5050 10,850	5500 11,800	3750 8000	4700 10,300	3150 6950	10.02 32.87	
-1.5 m -5.0 ft kg lb	*11 000 *25,050	*11 000 *25,050	16 800 36,000	11 000 23,600	10 350 22,250	7000 15,050	7300 15,700	5000 10,650			5250 11,600	3600 7900	9.36 30.66	
-3.0 m -10.0 ft kg lb	*19 400 *44,050	*19 400 *44,050	*15 650 *33,900	11 150 23,950	10 450 22,400	7050 15,200	7350 15,850	5050 10,850			6450 14,300	4450 9850	8.31 27.13	
-4.5 m -15.0 ft kg lb	*17 300 *37,250	*17 300 *37,250	*13 000 *27,850	11 550 24,800	*9600 *20,300	7350 15,800					*5900 *13,000	*5900 *13,000	6.70 21.79	

\* Limited by hydraulic capacity rather than tipping load. The above loads are in compliance with SAE hydraulic excavator lift capacity rating standard J1097. They do not exceed 87% of hydraulic lifting capacity or 75% of tipping capacity. Weight of all lifting accessories must be deducted from the above lifting capacities.

**R3.9D STICK** – 3900 mm (12'10")  
**BUCKET** – 1.3 m<sup>3</sup> (1.7 yd<sup>3</sup>)

**UNDERCARRIAGE** – Long  
**SHOES** – 750 mm (30") triple grouser

**BOOM** – 6500 mm (21'4")

	1.5 m (5.0 ft)		3.0 m (10.0 ft)		4.5 m (15.0 ft)		6.0 m (20.0 ft)		7.5 m (25.0 ft)		9.0 m (30.0 ft)				m ft	
																
9.0 m 30.0 ft kg lb														*3100 *6850	*3100 *6850	9.13 29.53
7.5 m 25.0 ft kg lb														*2900 *6400	*2900 *6400	10.19 33.22
6.0 m 20.0 ft kg lb									*6000 *13,050	*6000 *13,050	*5900 *12,600	4500 9600	*2850 *6250	*2850 *6250	10.89 35.62	
4.5 m 15.0 ft kg lb									*6700 *14,550	*6250 13,400	*6200 *13,550	4400 9400	*2900 *6350	2850 6350	11.30 37.04	
3.0 m 10.0 ft kg lb					*12 300 *26,400	*12 300 *26,400	*9200 *19,850	8600 18,500	*7600 *16,500	5950 12,700	*6700 *14,550	4250 9100	*3000 *6600	2700 5950	11.46 37.61	
1.5 m 5.0 ft kg lb					*15 250 *32,800	12 400 26,750	*10 800 *23,300	8000 17,200	*8550 *18,500	5600 12,000	6950 14,900	4100 8700	*3250 *7100	2650 5850	11.39 37.37	
Ground Line kg lb			*6750 *15,400	*6750 *15,400	*16 900 *36,550	11 650 25,100	*11 950 *25,850	7550 16,200	9100 19,550	5300 11,400	6800 14,550	3900 8400	*3600 *7850	2750 6050	11.07 36.32	
-1.5 m -5.0 ft kg lb	*6600 *14,700	*6600 *14,700	*10 450 *23,700	*10 450 *23,700	*17 350 *37,550	11 350 24,400	*12 500 *27,050	7300 15,600	8950 19,150	5150 11,050	6700 14,350	3850 8200	*4100 *9050	3050 6650	10.49 34.38	
-3.0 m -10.0 ft kg lb	*10 800 *24,250	*10 800 *24,250	*15 400 *34,800	*15 400 *34,800	*16 800 *36,300	11 350 24,350	*12 300 *26,600	7200 15,450	8900 19,050	5100 10,950	6700 14,750	3850 8450	*5000 *11,050	3550 7900	9.59 31.35	
-4.5 m -15.0 ft kg lb	*15 800 *35,600	*15 800 *35,600	*21 600 *46,550	*21 600 *46,550	*15 150 *32,600	11 550 24,800	*11 250 *24,100	7300 15,700	*8400 *17,750	5200 11,200			*6100 *13,400	4700 10,500	8.26 26.83	
-6.0 m -20.0 ft kg lb			*16 500 *35,050	*16 500 *35,050	*11 850 *25,100	*11 850 *25,100	*8450 *17,450	7650 16,550					*7250 *15,900	6800 15,500	6.50 20.92	

\* Limited by hydraulic capacity rather than tipping load. The above loads are in compliance with SAE hydraulic excavator lift capacity rating standard J1097. They do not exceed 87% of hydraulic lifting capacity or 75% of tipping capacity. Weight of all lifting accessories must be deducted from the above lifting capacities.

# 330C Hydraulic Excavator

## Reach Boom Lift Capacities



Load Point Height



Load Radius Over Front



Load Radius Over Side



















Load at Maximum Reach

**R3.2D STICK** – 3200 mm (10'6")  
**BUCKET** – 1.5 m<sup>3</sup> (2.0 yd<sup>3</sup>)

**UNDERCARRIAGE** – Long  
**SHOES** – 750 mm (30") triple grouser

**BOOM** – 6500 mm (21'4")















	1.5 m (5.0 ft)		3.0 m (10.0 ft)		4.5 m (15.0 ft)		6.0 m (20.0 ft)		7.5 m (25.0 ft)		9.0 m (30.0 ft)				m ft	
																
9.0 m	kg													*3900	*3900	8.18
7.5 m	kg															
25.0 ft	lb									*6350	*6350			*3700	*3700	9.38
6.0 m	kg									*13,950	13,700			*8100	*8100	30.51
20.0 ft	lb									*6700	*6300			*3600	3600	10.14
4.5 m	kg									*14,650	13,400			*7950	*7950	33.15
15.0 ft	lb									*8500	*8500			*3700	3200	10.59
	lb									*18,300	*18,300			*15,950	13,000	34.69
3.0 m	kg									*7350	6050	*6750	4250	*3700	3200	10.59
10.0 ft	lb									*15,950	13,000	*14,650	9100	*8100	7100	34.69
1.5 m	kg									*8200	5750	7000	4150	*3850	3000	10.76
5.0 ft	lb									*17,700	12,350	15,000	8850	*8500	6600	35.29
Ground Line	kg									*8200	5750	7000	4150	*3850	3000	10.76
	lb									*17,700	12,350	15,000	8850	*8500	6600	35.29
-1.5 m	kg									*8950	5500	6850	4000	*4150	3000	10.67
-5.0 ft	lb									*19,400	11,750	14,700	8550	*9150	6550	35.03
	kg									9050	5250	6750	3900	*4650	3100	10.33
	lb									19,400	11,250	14,450	8300	*10,250	6850	33.89
-1.5 m	kg									8900	5150	6700	3850	*5400	3450	9.69
-5.0 ft	lb									19,150	11,000	14,750	8450	*11,950	7650	31.76
	kg									8950	5150			*6700	4250	8.70
	lb									19,200	11,100			*14,700	9350	28.41
-4.5 m	kg													*4700	*4700	7.16
-15.0 ft	lb													*10,000	*10,000	23.20

\* Limited by hydraulic capacity rather than tipping load. The above loads are in compliance with SAE hydraulic excavator lift capacity rating standard J1097. They do not exceed 87% of hydraulic lifting capacity or 75% of tipping capacity. Weight of all lifting accessories must be deducted from the above lifting capacities.

**R2.8D STICK** – 2800 mm (9'2")  
**BUCKET** – 1.6 m<sup>3</sup> (2.12 yd<sup>3</sup>)

**UNDERCARRIAGE** – Long  
**SHOES** – 750 mm (30") triple grouser

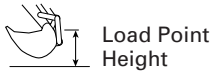
**BOOM** – 6500 mm (21'4")

	3.0 m (10.0 ft)		4.5 m (15.0 ft)		6.0 m (20.0 ft)		7.5 m (25.0 ft)		9.0 m (30.0 ft)				m ft			
																
9.0 m	kg												*4850	*4850	7.77	
7.5 m	kg															
25.0 ft	lb															
6.0 m	kg															
20.0 ft	lb															
4.5 m	kg															
15.0 ft	lb															
3.0 m	kg															
10.0 ft	lb															
1.5 m	kg															
5.0 ft	lb															
Ground Line	kg															
	lb															
-1.5 m	kg															
-5.0 ft	lb															
	kg															
	lb															
-3.0 m	kg															
-10.0 ft	lb															
	kg															
	lb															
-4.5 m	kg															
-15.0 ft	lb															

\* Limited by hydraulic capacity rather than tipping load. The above loads are in compliance with SAE hydraulic excavator lift capacity rating standard J1097. They do not exceed 87% of hydraulic lifting capacity or 75% of tipping capacity. Weight of all lifting accessories must be deducted from the above lifting capacities.

# 330C Hydraulic Excavator

## Reach Boom Lift Capacities



Load Point Height



Load Radius Over Front



Load Radius Over Side



















Load at Maximum Reach

**R3.9D STICK** – 3900 mm (12'10")  
**BUCKET** – 1.3 m<sup>3</sup> (1.7 yd<sup>3</sup>)

**UNDERCARRIAGE** – Standard  
**SHOES** – 600 mm (24") triple grouser

**BOOM** – 6500 mm (21'4")

















		1.5 m (5.0 ft)		3.0 m (10.0 ft)		4.5 m (15.0 ft)		6.0 m (20.0 ft)		7.5 m (25.0 ft)		9.0 m (30.0 ft)				m ft	
																	
9.0 m 30.0 ft	kg lb														*3100 *6850	*3100 *6850	9.13 29.53
7.5 m 25.0 ft	kg lb														*2900 *6400	*2900 *6400	10.19 33.22
6.0 m 20.0 ft	kg lb									*6000 *13,050	*6000 *13,050	*5900 4300	4300 9200	*2850 *6250	*2850 *6250	10.89 35.62	
4.5 m 15.0 ft	kg lb									*6700 *14,550	6000 12,850	6050 12,850	4200 9000	*2900 *6350	2700 6000	11.30 37.04	
3.0 m 10.0 ft	kg lb					*12 300 *26,400	*12 300 *26,400	*9200 *19,850	8250 17,800	*7600 *16,500	5700 12,150	5850 12,500	4050 8650	*3000 *6600	2550 5600	11.46 37.61	
1.5 m 5.0 ft	kg lb					*15 250 *32,800	11 950 25,700	*10 800 *23,300	7650 16,450	7700 16,550	5350 11,450	5650 12,100	3900 8250	*3250 *7100	2500 5500	11.39 37.37	
Ground Line	kg lb			*6750 *15,400	*6750 *15,400	*16 900 36,550	11 200 24,050	10 600 22,750	7200 15,500	7400 15,900	5100 10,900	5500 11,800	3750 7950	*3600 *7850	2600 5700	11.07 36.32	
-1.5 m -5.0 ft	kg lb	*6600 *14,700	*6600 *14,700	*10 450 *23,700	*10 450 *23,700	16 700 35,750	10 900 23,350	10 300 22,150	6950 14,900	7250 15,500	4900 10,500	5400 11,600	3650 7750	*4100 *9050	2850 6300	10.49 34.38	
-3.0 m -10.0 ft	kg lb	*10 800 *24,250	*10 800 *24,250	*15 400 *34,800	*15 400 *34,800	16 700 35,700	10 850 23,300	10 250 21,950	6900 14,750	7200 15,400	4850 10,400	5400 11,900	3650 8000	*5000 *11,050	3400 7500	9.59 31.35	
-4.5 m -15.0 ft	kg lb	*15 800 *35,600	*15 800 *35,600	*21 600 *46,550	*21 600 *46,550	*15 150 *32,600	11 050 23,750	10 350 22,250	7000 15,000	7300 15,700	4950 10,700			*6100 *13,400	4500 10,050	8.26 26.83	
-6.0 m -20.0 ft	kg lb			*16 500 *35,050	*16 500 *35,050	*11 850 *25,100	11 550 24,800	*8450 *17,450	7350 15,850					*7250 *15,900	6550 14,850	6.50 20.92	

\* Limited by hydraulic capacity rather than tipping load. The above loads are in compliance with SAE hydraulic excavator lift capacity rating standard J1097. They do not exceed 87% of hydraulic lifting capacity or 75% of tipping capacity. Weight of all lifting accessories must be deducted from the above lifting capacities.

**R3.2D STICK** – 3200 mm (10'6")  
**BUCKET** – 1.4 m<sup>3</sup> (1.83 yd<sup>3</sup>)

**UNDERCARRIAGE** – Standard  
**SHOES** – 600 mm (24") triple grouser

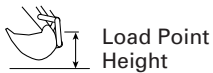
**BOOM** – 6500 mm (21'4")

		1.5 m (5.0 ft)		3.0 m (10.0 ft)		4.5 m (15.0 ft)		6.0 m (20.0 ft)		7.5 m (25.0 ft)		9.0 m (30.0 ft)				m ft	
																	
9.0 m	kg														*3950	*3950	8.18
7.5 m 25.0 ft	kg lb									*6400 *14,050	6200 13,300				*3700 *8200	*3700 *8200	9.38 30.51
6.0 m 20.0 ft	kg lb									*6750 *14,750	6100 13,000				*3650 *8050	3500 7750	10.14 33.15
4.5 m 15.0 ft	kg lb							*8550 *18,400	*8550 *18,400	*7400 *16,050	5850 12,550	5900 12,600	4100 8750	*3750 *8200	3100 6800	10.59 34.69	
3.0 m 10.0 ft	kg lb					*13 850 *29,750	12 600 27,200	*10 100 *21,750	8050 17,300	7950 17,050	5550 11,950	5800 12,350	4000 8500	*3900 *8550	2900 6350	10.76 35.29	
1.5 m 5.0 ft	kg lb					*16 350 *35,200	11 500 24,800	10 900 23,400	7500 16,100	7650 16,350	5250 11,300	5650 12,050	3850 8200	*4200 *9250	2850 6250	10.67 35.03	
Ground Line	kg lb			*13,850	*13,850	16 850 36,100	11 000 23,650	10 500 22,550	7100 15,300	7400 15,850	5050 10,800	5500 11,800	3750 8000	4450 9750	3000 6550	10.33 33.89	
-1.5 m -5.0 ft	kg lb	*7950 *17,700	*7950 *17,700	*11 700 *26,400	*11 700 *26,400	16 700 35,750	10 850 23,350	10 300 22,150	6950 14,950	7250 15,600	4950 10,600	5450 12,050	3700 8100	4950 10,850	3350 7350	9.69 31.76	
-3.0 m -10.0 ft	kg lb	*13 400 *29,950	*13 400 *29,950	*18 300 *41,400	*18 300 *41,400	*16 100 *34,900	11 000 23,600	10 300 22,150	6950 14,950	7300 15,650	4950 10,650			5950 13,150	4050 9000	8.70 28.41	
-4.5 m -15.0 ft	kg lb			*19 000 *40,850	*19 000 *40,850	*13 850 *29,800	11 300 24,300	*10 350 *22,050	7150 15,450					*4700 *10,000	*4700 *10,000	7.16 23.20	

\* Limited by hydraulic capacity rather than tipping load. The above loads are in compliance with SAE hydraulic excavator lift capacity rating standard J1097. They do not exceed 87% of hydraulic lifting capacity or 75% of tipping capacity. Weight of all lifting accessories must be deducted from the above lifting capacities.

# 330C Hydraulic Excavator

## Mass Excavation Boom Lift Capacities



Load Point Height



Load Radius Over Front



Load Radius Over Side















Load at Maximum Reach

**M2.55E STICK** – 2550 mm (8'4")  
**BUCKET** – 1.7 m<sup>3</sup> (2.22 yd<sup>3</sup>)

**UNDERCARRIAGE** – Standard  
**SHOES** – 600 mm (24") triple grouser

**BOOM** – 6180 mm (20'3")













		3.0 m (10.0 ft)		4.5 m (15.0 ft)		6.0 m (20.0 ft)		7.5 m (25.0 ft)				
												m ft
7.5 m 25.0 ft	kg lb									*3900 *8650	*3900 *8650	8.50 27.59
6.0 m 20.0 ft	kg lb					*8050 *17,450	*8050 *17,450	*7500 *16,300	5650 12,100	*3850 *8400	3800 *8400	9.35 30.53
4.5 m 15.0 ft	kg lb			*11 650 *25,000	*11 650 *25,000	*9200 *19,850	8300 17,850	7900 16,950	5550 11,800	*3900 *8550	3300 7350	9.83 32.18
3.0 m 10.0 ft	kg lb			*14 700 *31,500	12 300 26,450	*10 600 *22,900	7800 16,700	7650 16,450	5300 11,350	*4100 *8950	3100 6800	10.00 32.79
1.5 m 5.0 ft	kg lb			*16 800 *36,200	11 300 24,350	10 700 23,000	7300 15,650	7400 15,900	5050 10,850	*4400 *9700	3100 6800	9.88 32.44
Ground Line	kg lb			16 750 35,900	10 900 23,450	10 350 22,250	7000 15,000	7250 15,500	4900 10,500	4950 10,900	3300 7250	9.48 31.09
-1.5 m -5.0 ft	kg lb	*14 500 *32,850	*14 500 *32,850	16 700 35,800	10 900 23,350	10 250 22,000	6900 14,800	7200 15,400	4850 10,400	5700 12,600	3850 8500	8.73 28.60
-3.0 m -10.0 ft	kg lb	*20 450 *44,350	*20 450 *44,350	*15 050 *32,500	11 100 23,800	10 350 22,250	7000 15,000			*6500 *14,250	5100 11,350	7.53 24.55
-4.5 m -15.0 ft	kg lb	*15 500 *33,150	*15 500 *33,150	*11 650 *24,750	11 550 *24,750					*8050 *17,600	7500 16,950	5.93 19.20

\* Limited by hydraulic capacity rather than tipping load. The above loads are in compliance with SAE hydraulic excavator lift capacity rating standard J1097. They do not exceed 87% of hydraulic lifting capacity or 75% of tipping capacity. Weight of all lifting accessories must be deducted from the above lifting capacities.

**M2.55E STICK** – 2550 mm (8'4")  
**BUCKET** – 1.9 m<sup>3</sup> (2.5 yd<sup>3</sup>)

**UNDERCARRIAGE** – Long  
**SHOES** – 750 mm (30") triple grouser

**BOOM** – 6180 mm (20'3")

		3.0 m (10.0 ft)		4.5 m (15.0 ft)		6.0 m (20.0 ft)		7.5 m (25.0 ft)				
												m ft
7.5 m 25.0 ft	kg lb									*3850 *8550	*3850 *8550	8.50 27.59
6.0 m 20.0 ft	kg lb					*8000 *17,350	*8000 *17,350	*7400 *16,200	5850 12,500	*3750 *8300	*3750 *8300	9.35 30.53
4.5 m 15.0 ft	kg lb			*11 600 *24,900	*11 600 *24,900	*9150 *19,750	8600 18,450	*7850 *17,100	5750 12,250	*3850 *8400	3450 7600	9.83 32.18
3.0 m 10.0 ft	kg lb			*14 650 *31,400	12 750 27,400	*10 550 *22,800	8050 17,300	*8550 *18,550	5500 11,750	*4000 *8800	3200 7100	10.00 32.79
1.5 m 5.0 ft	kg lb			*16 750 *36,050	11 750 25,300	*11 800 *25,450	7600 16,300	9100 19,450	5250 11,250	*4350 *9600	3200 7050	9.88 32.44
Ground Line	kg lb			*17 300 *37,450	11 350 24,350	*12 400 *26,850	7250 15,600	8900 19,050	5100 10,900	*4900 *10,800	3450 7550	9.48 31.09
-1.5 m -5.0 ft	kg lb	*14 400 *32,700	*14 400 *32,700	*16 700 *36,150	11 300 24,300	*12 300 *26,550	7150 15,400	8850 18,950	5050 10,800	*5850 *12,900	4000 8850	8.73 28.60
-3.0 m -10.0 ft	kg lb	*20 400 *44,200	*20 400 *44,200	*15 000 *32,400	11 550 24,750	*11 150 *23,950	7250 15,600			*6450 *14,100	5300 11,800	7.53 24.55
-4.5 m -15.0 ft	kg lb	*15 450 *33,050	*15 450 *33,050	*11 600 *24,600	*11 600 *24,600					*8000 *17,450	7800 *17,450	5.93 19.20

\* Limited by hydraulic capacity rather than tipping load. The above loads are in compliance with SAE hydraulic excavator lift capacity rating standard J1097. They do not exceed 87% of hydraulic lifting capacity or 75% of tipping capacity. Weight of all lifting accessories must be deducted from the above lifting capacities.