

345C L Hydraulic Excavator

Operating Weight*

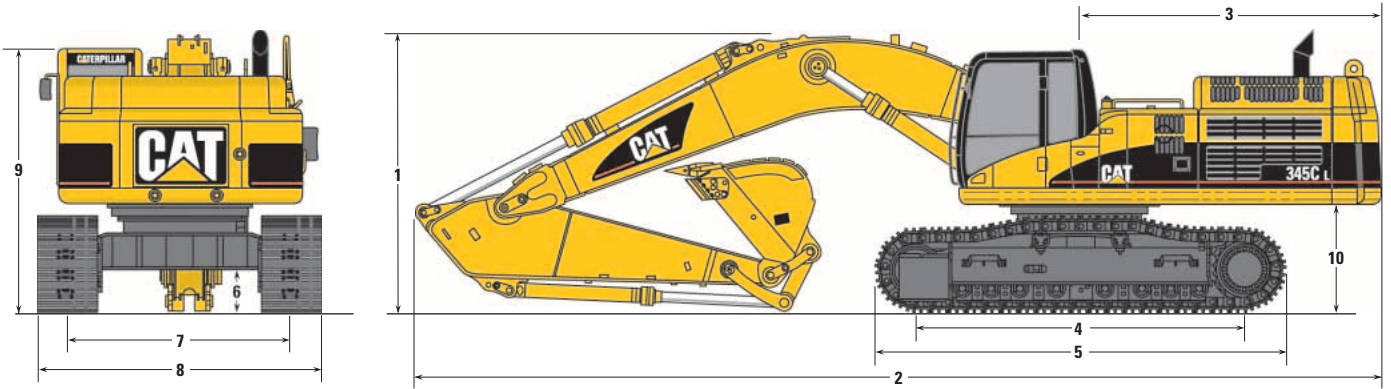
	kg	lb		kg	lb
Complete machine equipped with:			Differences for other buckets:		
6.9 m (22'8") reach boom,			See bucket specification chart		
R3.9m (12'10") stick,			Differences for other undercarriages:		
1219 mm (48") GP-C bucket,			Long variable gauge undercarriage	+2195	+4,840
long fixed gauge undercarriage			Long wide variable gauge		
with 750 mm (30") TG track shoes,			undercarriage	+2975	+6,550
7610 kg (16,780 lb) counterweight			Differences for other track shoes:		
without removal device	44 970	99,150	600 mm (24") double grouser (DG)	−645	−1,420
Differences for other booms:			750 mm (30") single grouser (SG)	−110	−250
7.4 m (24'3") long reach boom	+180	+400	750 mm (30") double grouser (DG)	+140	+305
6.9 m (22'8") heavy duty reach boom	+515	+1,130	900 mm (36") double grouser (DG)	+920	+2,030
6.55 m (21'6") mass excavation boom	+520	+1,150	900 mm (36") triple grouser (TG)	+750	+1,660
Differences for other sticks:			1000 mm (40") triple grouser (TG)	+1360	+3,000
R4.3m (14'1") stick with TB bucket			Differences for other counterweights:		
linkage and bucket cylinder	+110	+245	8.1 MT counterweight without		
R3.35m (11'0") stick with TB bucket			removal device	+500	+1,100
linkage and bucket cylinder	−110	−245	9.0 MT counterweight without		
R2.9m (9'6") stick with TB bucket			removal device	+1400	+3,080
linkage and bucket cylinder	−105	−230	Counterweight removal device	+315	+690
M3.0m (9'10") stick with UB bucket					
linkage and bucket cylinder	+320	+705			
M2.5m (8'2") stick with UB bucket					
linkage and bucket cylinder	+140	+310			

* Operating weight includes full fuel tank and 75 kg (165 lb) operator. Subtract 380 kg (840 lb) for 50% fuel and no operator.

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Dimensions

All dimensions are approximate.



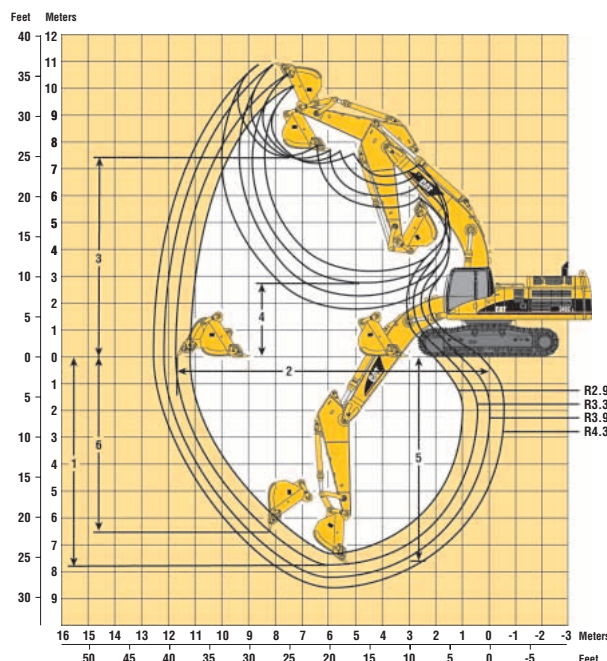
Boom	Long Reach Boom 7.4 m (24'3")			Reach Boom 6.9 m (22'8")			Mass Boom 6.55 m (21'6")	
Stick	R4.3TB (14'1")	R3.9TB (12'10")	R4.3TB (14'1")	R3.9TB (12'10")	R3.35TB (11'0")	R2.9TB (9'6")	M3.0UB (9'10")	M2.5UB (8'2")
1 Shipping Height								
Fixed Gauge Undercarriage	3590 mm (11'9")	3510 mm (11'6")	3770 mm (12'4")	3630 mm (11'11")	3320 mm (10'11")	3520 mm (11'7")	3970 mm (13'0")	3940 mm (12'11")
Variable Gauge Undercarriage	3600 mm (11'10")	3520 mm (11'7")	3760 mm (12'4")	3730 mm (12'3")	3340 mm (11'0")	3580 mm (11'9")	3990 mm (13'1")	3980 mm (13'1")
2 Shipping Length								
Fixed Gauge Undercarriage	12 390 mm (40'8")	12 410 mm (40'9")	11 910 mm (39'1")	11 920 mm (39'1")	11 840 mm (38'10")	11 870 mm (38'11")	11 550 mm (37'11")	11 630 mm (38'2")
Variable Gauge Undercarriage	12 340 mm (40'6")	12 340 mm (40'6")	11 920 mm (39'1")	11 910 mm (39'1")	11 780 mm (38'8")	11 850 mm (38'10")	11 520 mm (37'10")	11 540 mm (37'10")
3 Tail Swing Radius	3770 mm (12'4")	3770 mm (12'4")	3770 mm (12'4")	3770 mm (12'4")	3770 mm (12'4")	3770 mm (12'4")	3770 mm (12'4")	3770 mm (12'4")
Undercarriage	Fixed Gauge			Variable Gauge		Wide Variable Gauge		
4 Length to Center of Rollers	4360 mm (14'4")			4340 mm (14'3")		4340 mm (14'3")		
5 Track Length	5360 mm (17'7")			5340 mm (17'6")		5340 mm (17'6")		
6 Ground Clearance	510 mm (1'8")			740 mm (2'5")		740 mm (2'5")		
7 Track Gauge								
Retracted (Transport) Position	2740 mm (9'0")			2640 mm (8'8")		2760 mm (9'1")		
Extended (Working) Position	2740 mm (9'0")			2890 mm (9'6")		3240 mm (10'8")		
8 Track Width*								
Retracted (Transport) Position	3640 mm (11'11")			3540 mm (11'7")		3660 mm (12'0")		
Extended (Working) Position	3640 mm (11'11")			3790 mm (12'5")		4140 mm (13'7")		
9 Cab Height	3210 mm (10'6")			3360 mm (11'0")		3360 mm (11'0")		
10 Counterweight Height (to bottom)	1320 mm (4'4")			1470 mm (4'10")		1470 mm (4'10")		

* Track width shown is for 900 mm (36") track shoes. Subtract 150 mm (6") for 750 mm (30") track shoes.

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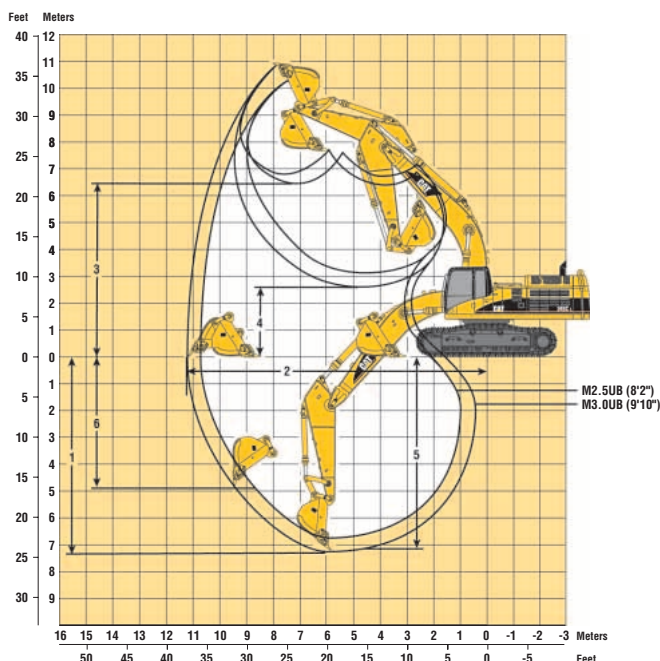
Reach Working Ranges

Reach (R) boom configuration



Mass Working Ranges

Mass (M) boom configuration



345C L Working Ranges – Long Fixed Gauge Undercarriage

	Long Reach Boom			Reach Boom			Mass Excavation Boom	
Stick	R4.3TB (14'1")	R3.9TB (12'10")	R4.3TB (14'1")	R3.9TB (12'10")	R3.35TB (11'0")	R2.9TB (9'6")	M3.0UB (9'10")	M2.5UB (8'2")
Bucket	GP-C 1.9 m ³ (2.46 yd ³)	GP-C 1.9 m ³ (2.46 yd ³)	GP-C 1.9 m ³ (2.46 yd ³)	GP-C 1.9 m ³ (2.46 yd ³)	GP-C 1.9 m ³ (2.46 yd ³)	GP-C 1.9 m ³ (2.46 yd ³)	HD 2.8 m ³ (3.70 yd ³)	HD 2.8 m ³ (3.70 yd ³)
1 Maximum Digging Depth	8920 mm (29'3")	8520 mm (27'11")	8600 mm (28'3")	8200 mm (26'11")	7650 mm (25'1")	7200 mm (23'7")	7250 mm (23'9")	6740 mm (22'2")
2 Maximum Reach at Ground Level	12 960 mm (42'6")	12 600 mm (41'4")	12 520 mm (41'1")	12 150 mm (39'10")	11 710 mm (38'5")	11 290 mm (37'1")	11 200 mm (36'9")	10 740 mm (35'3")
3 Maximum Loading Height	7930 mm (26'0")	7800 mm (25'7")	7590 mm (24'11")	7460 mm (24'6")	7420 mm (24'4")	7240 mm (23'9")	6790 mm (22'3")	6590 mm (21'8")
4 Minimum Loading Height	2240 mm (7'4")	2640 mm (8'8")	1800 mm (5'11")	2200 mm (7'3")	2750 mm (9'0")	3200 mm (10'6")	2630 mm (8'8")	3130 mm (10'3")
5 Maximum Depth Cut for 2440 mm (8') Level Bottom	8790 mm (28'10")	8380 mm (27'6")	8480 mm (27'10")	8070 mm (26'6")	7500 mm (24'7")	7040 mm (23'1")	7100 mm (23'3")	6580 mm (21'7")
6 Maximum Vertical Wall Digging Depth	5960 mm (19'7")	5430 mm (17'10")	5910 mm (19'5")	5400 mm (17'8")	5210 mm (17'1")	4810 mm (15'9")	4910 mm (16'1")	4460 mm (14'8")

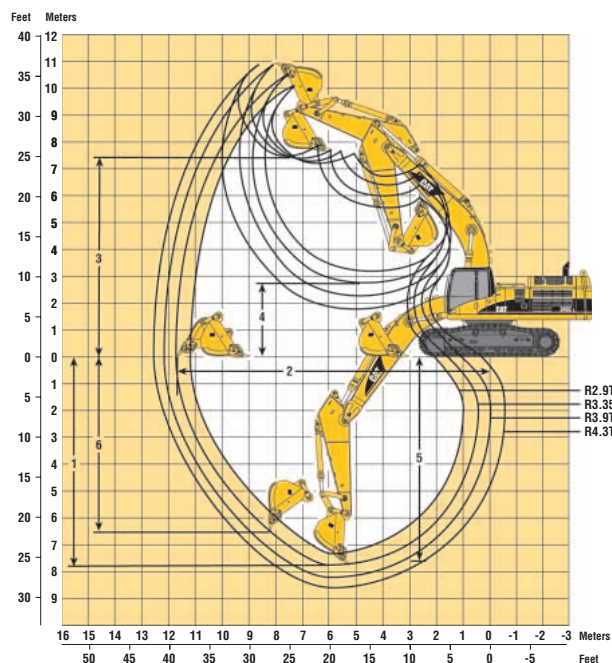
345C L Working Ranges with Pin Grabber Coupler – Long Fixed Gauge Undercarriage

	Reach Boom	
Stick	R3.35TB (11'0")	R2.9TB (9'6")
Bucket with TB-Family Coupler	GP-C 1.9 m ³ (2.46 yd ³)	GP-C 1.9 m ³ (2.46 yd ³)
1 Maximum Digging Depth	7970 mm (26'2")	7520 mm (24'8")
2 Maximum Reach at Ground Level	12 040 mm (39'6")	11 620 mm (38'2")
3 Maximum Loading Height	7100 mm (23'3")	6920 mm (22'8")
4 Minimum Loading Height	2430 mm (8'0")	2880 mm (9'5")
5 Maximum Depth Cut for 2440 mm (8') Level Bottom	7840 mm (25'9")	7380 mm (24'2")
6 Maximum Vertical Wall Digging Depth	3990 mm (13'1")	3620 mm (11'10")

345C L Hydraulic Excavator

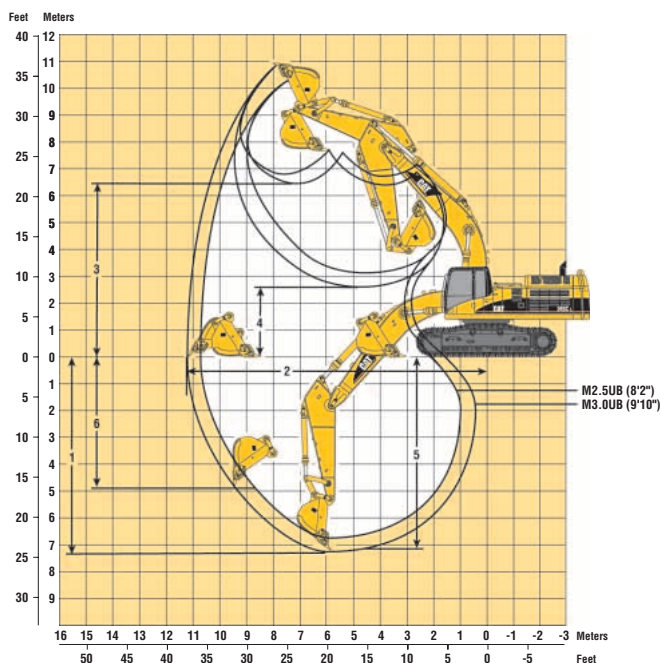
Reach Working Ranges

Reach (R) boom configuration



Mass Working Ranges

Mass (M) boom configuration



345C L Working Ranges – Long Variable Gauge Undercarriage

	Long Reach Boom			Reach Boom			Mass Excavation Boom	
Stick	R4.3TB (14'1")	R3.9TB (12'10")	R4.3TB (14'1")	R3.9TB (12'10")	R3.35TB (11'0")	R2.9TB (9'6")	M3.0UB (9'10")	M2.5UB (8'2")
Bucket	GP-C 1.9 m ³ (2.46 yd ³)	GP-C 1.9 m ³ (2.46 yd ³)	GP-C 1.9 m ³ (2.46 yd ³)	GP-C 1.9 m ³ (2.46 yd ³)	GP-C 1.9 m ³ (2.46 yd ³)	GP-C 1.9 m ³ (2.46 yd ³)	HD 2.8 m ³ (3.70 yd ³)	HD 2.8 m ³ (3.70 yd ³)
1 Maximum Digging Depth	8770 mm (28'9")	8370 mm (27'6")	8450 mm (27'9")	8050 mm (26'5")	7500 mm (24'7")	7050 mm (23'2")	7100 mm (23'4")	6600 mm (21'8")
2 Maximum Reach at Ground Level	12 940 mm (42'5")	12 570 mm (41'3")	12 490 mm (41'0")	12 120 mm (39'9")	11 680 mm (38'4")	11 260 mm (36'11")	11 180 mm (36'8")	10 710 mm (35'2")
3 Maximum Loading Height	8070 mm (26'6")	7940 mm (26'1")	7740 mm (25'5")	7600 mm (24'11")	7570 mm (24'10")	7390 mm (24'3")	6930 mm (22'9")	6740 mm (22'1")
4 Minimum Loading Height	2380 mm (7'10")	2780 mm (9'1")	1950 mm (6'5")	2350 mm (7'9")	2900 mm (9'6")	3350 mm (11'0")	2780 mm (9'1")	3280 mm (10'9")
5 Maximum Depth Cut for 2440 mm (8') Level Bottom	8650 mm (28'4")	8240 mm (27'0")	8330 mm (27'4")	7920 mm (26'0")	7360 mm (24'2")	6900 mm (22'8")	6950 mm (22'10")	6430 mm (21'1")
6 Maximum Vertical Wall Digging Depth	5810 mm (19'1")	5290 mm (17'4")	5770 mm (18'11")	5250 mm (17'3")	5070 mm (16'7")	4670 mm (15'4")	4770 mm (15'8")	4310 mm (14'2")

345C L Working Ranges with Pin Grabber Coupler – Long Variable Gauge Undercarriage

	Reach Boom	
Stick	R3.35TB (11'0")	R2.9TB (9'6")
Bucket with TB-Family Coupler	GP-C 1.9 m ³ (2.46 yd ³)	GP-C 1.9 m ³ (2.46 yd ³)
1 Maximum Digging Depth	7830 mm (25'8")	7380 mm (24'3")
2 Maximum Reach at Ground Level	12 010 mm (39'4")	11 590 mm (38'0")
3 Maximum Loading Height	7240 mm (23'9")	7060 mm (23'2")
4 Minimum Loading Height	2570 mm (8'5")	3020 mm (9'11")
5 Maximum Depth Cut for 2440 mm (8') Level Bottom	7690 mm (25'3")	7230 mm (23'9")
6 Maximum Vertical Wall Digging Depth	3840 mm (12'7")	3470 mm (11'5")

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345C L Bucket and Stick Forces

Stick Forces								
TB-Family Buckets	Sticks							
	R4.3		R3.9		R3.35		R2.9	
	kN	lb	kN	lb	kN	lb	kN	lb
GP-C, HD, HDR								
Stick Digging Force (ISO)	173	38,800	186	41,800	201	45,100	221	49,600
Stick Digging Force (SAE)	169	37,900	181	40,800	195	43,900	214	48,000
HD-P								
Stick Digging Force (ISO)	178	39,900	191	43,000	207	46,600	229	51,400
Stick Digging Force (SAE)	173	38,800	186	41,800	201	45,100	220	49,500
GP-C, HD, HDR with coupler								
Stick Digging Force (ISO)	163	36,600	175	39,300	187	42,100	205	46,000
Stick Digging Force (SAE)	160	36,000	172	38,700	184	41,300	200	45,000
HD-P with coupler								
Stick Digging Force (ISO)	167	37,500	179	40,300	193	43,300	211	47,400
Stick Digging Force (SAE)	164	36,800	176	39,500	188	42,400	206	46,200

UB-Family Buckets	Sticks			
	M3.0		M2.5	
	kN	lb	kN	lb
GP				
Stick Digging Force (ISO)	207	46,400	234	52,500
Stick Digging Force (SAE)	199	44,700	224	50,300
HD, HDR with coupler				
Stick Digging Force (ISO)	210	47,300	238	53,600
Stick Digging Force (SAE)	203	45,500	228	51,300

Bucket Forces				
	TB-Family Buckets		UB-Family Buckets	
	kN	lb	kN	lb
GP-C, HD, HDR				
Bucket Digging Force (ISO)	268	60,200	279	62,700
Bucket Digging Force (SAE)	238	53,500	248	55,700
HD-P				
Bucket Digging Force (ISO)	300	67,300	293	65,800
Bucket Digging Force (SAE)	258	58,000	259	58,300
GP-C, HD, HDR with coupler				
Bucket Digging Force (ISO)	220	49,400		
Bucket Digging Force (SAE)	203	45,600		
HD-P with coupler				
Bucket Digging Force (ISO)	239	53,700		
Bucket Digging Force (SAE)	217	48,700		

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345C L Bucket Specifications and Compatibility

Fixed Gauge Undercarriage

	Capacity*		Width		Tip Radius		Weight w/o tips		Teeth Qty	Reach Boom Stick				Long Reach Boom Stick	
	m³	yd³	mm	in	mm	in	kg	lb		R4.3TB	R3.9TB	R3.35TB	R2.9TB	R4.3TB	R3.9TB
										(14'1")	(12'10")	(11'0")	(9'6")	(14'1")	(12'10")
TB Buckets															
General Purpose – Capacity (GP-C)	1.0	1.36	762	30	1869	73.6	1342	2,960	3	●	●	●	●	●	●
	1.3	1.73	914	36	1869	73.6	1498	3,300	4	●	●	●	●	●	●
	1.6	2.09	1067	42	1869	73.6	1616	3,560	4	●	●	●	●	◐	●
	1.9	2.46	1219	48	1869	73.6	1762	3,880	5	◐	●	●	●	○	◐
	2.2	2.85	1372	54	1869	73.6	1886	4,150	5	○	◐	◐	●	◐	○
	2.5	3.23	1524	60	1869	73.6	2032	4,480	6	◐	○	○	◐	◐	◐
	2.8	3.62	1676	66	1869	73.6	2179	4,800	7	◐	◐	○	○	◐	◐
	3.1	4.00	1829	72	1869	73.6	2306	5,080	7	◐	◐	◐	◐	◐	◐
Heavy Duty (HD)	1.1	1.49	914	36	1869	73.6	1532	3,370	4	●	●	●	●	●	●
	1.4	1.82	1067	42	1869	73.6	1652	3,640	4	●	●	●	●	●	●
	1.6	2.14	1219	48	1869	73.6	1792	3,950	5	●	●	●	●	◐	●
	1.9	2.47	1372	54	1869	73.6	1917	4,220	5	◐	●	●	●	○	○
	2.2	2.81	1524	60	1869	73.6	2064	4,550	6	○	◐	◐	●	◐	◐
	2.4	3.15	1676	66	1869	73.6	2211	4,870	7	◐	○	○	◐	◐	◐
	2.7	3.48	1829	72	1869	73.6	2335	5,140	7	◐	◐	○	○	◐	◐
Heavy Duty Rock (HDR)	0.9	1.18	762	30	1869	73.6	1471	3,240	3	●	●	●	●	●	●
	1.1	1.49	914	36	1869	73.6	1636	3,600	4	●	●	●	●	●	●
	1.4	1.82	1067	42	1869	73.6	1769	3,900	4	●	●	●	●	●	●
	1.6	2.15	1219	48	1869	73.6	1920	4,230	5	●	●	●	●	◐	◐
	1.9	2.48	1372	54	1869	73.6	2057	4,530	5	◐	◐	●	●	○	○
	2.2	2.81	1524	60	1869	73.6	2224	4,900	6	○	○	◐	●	◐	◐
	2.4	3.15	1676	66	1869	73.6	2375	5,230	7	◐	◐	○	◐	◐	◐
Heavy Duty-Power (HD-P)	1.5	1.96	1219	48	1725	67.9	1758	3,870	4	●	●	●	●	◐	●
	1.7	2.22	1372	54	1725	67.9	1907	4,200	4	●	●	●	●	○	◐
	1.9	2.49	1524	60	1725	67.9	2071	4,560	5	◐	◐	●	●	◐	○

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) max material density
- ◐ 1800 kg/m³ (3,000 lb/yd³) max material density
- 1500 kg/m³ (2,500 lb/yd³) max material density
- ◐ 1200 kg/m³ (2,000 lb/yd³) max material density
- 900 kg/m³ (1,500 lb/yd³) max material density

345C L Hydraulic Excavator

345C L Bucket Specifications and Compatibility

Variable Gauge Undercarriage

										Reach Boom Stick				Long Reach Boom Stick	
	Capacity*		Width		Tip Radius		Weight w/o tips		Teeth	R4.3TB	R3.9TB	R3.35TB	R2.9TB	R4.3TB	R3.9TB
	m³	yd³	mm	in	mm	in	kg	lb	Qty	(14'1")	(12'10")	(11'0")	(9'6")	(14'1")	(12'10")
TB Buckets															
General Purpose – Capacity (GP-C)	1.0	1.36	762	30	1869	73.6	1342	2,960	3	●	●	●	●	●	●
	1.3	1.73	914	36	1869	73.6	1498	3,300	4	●	●	●	●	●	●
	1.6	2.09	1067	42	1869	73.6	1616	3,560	4	●	●	●	●	●	●
	1.9	2.46	1219	48	1869	73.6	1762	3,880	5	●	●	●	●	◐	●
	2.2	2.85	1372	54	1869	73.6	1886	4,150	5	◐	●	●	●	○	◐
	2.5	3.23	1524	60	1869	73.6	2032	4,480	6	○	◐	●	●	◐	○
	2.8	3.62	1676	66	1869	73.6	2179	4,800	7	◐	○	◐	◐	◐	◐
	3.1	4.00	1829	72	1869	73.6	2306	5,080	7	◐	◐	○	○	◐	◐
Heavy Duty (HD)	1.1	1.49	914	36	1869	73.6	1532	3,370	4	●	●	●	●	●	●
	1.4	1.82	1067	42	1869	73.6	1652	3,640	4	●	●	●	●	●	●
	1.6	2.14	1219	48	1869	73.6	1792	3,950	5	●	●	●	●	●	●
	1.9	2.47	1372	54	1869	73.6	1917	4,220	5	●	●	●	●	◐	●
	2.2	2.81	1524	60	1869	73.6	2064	4,550	6	◐	●	●	●	○	◐
	2.4	3.15	1676	66	1869	73.6	2211	4,870	7	○	◐	●	●	◐	○
	2.7	3.48	1829	72	1869	73.6	2335	5,140	7	◐	○	◐	◐	◐	◐
Heavy Duty Rock (HDR)	0.9	1.18	762	30	1869	73.6	1471	3,240	3	●	●	●	●	●	●
	1.1	1.49	914	36	1869	73.6	1636	3,600	4	●	●	●	●	●	●
	1.4	1.82	1067	42	1869	73.6	1769	3,900	4	●	●	●	●	●	●
	1.6	2.15	1219	48	1869	73.6	1920	4,230	5	●	●	●	●	●	●
	1.9	2.48	1372	54	1869	73.6	2057	4,530	5	●	●	●	●	◐	●
	2.2	2.81	1524	60	1869	73.6	2224	4,900	6	◐	●	●	●	○	○
	2.4	3.15	1676	66	1869	73.6	2375	5,230	7	○	◐	◐	●	◐	○
Heavy Duty-Power (HD-P)	1.5	1.96	1219	48	1725	67.9	1758	3,870	4	●	●	●	●	●	●
	1.7	2.22	1372	54	1725	67.9	1907	4,200	4	●	●	●	●	●	●
	1.9	2.49	1524	60	1725	67.9	2071	4,560	5	●	●	●	●	◐	◐
	Mass Boom Stick														
	Capacity*		Width		Tip Radius		Weight w/o tips		Teeth	M3.0UB		M2.5UB			
	m³	yd³	mm	in	mm	in	kg	lb	Qty	M3.0UB (9'10")	M2.5UB (8'2")				
	UB Buckets														
General Purpose (GP)	1.6	2.09	1016	40	2140	84.3	1812	3,990	3	●	●				
	2.8	3.61	1524	60	2140	84.3	2375	5,230	5	◐	●				
	3.8	5.00	1905	75	2183	85.9	2789	6,140	6	◐	◐				
Heavy Duty (HD)	1.9	2.42	1219.2	48	2050	80.7	2068	4,560	4	●	●				
	2.8	3.68	1676.4	66	2050	80.7	2587	5,700	5	◐	●				
	3.3	4.30	1905	75	2050	80.7	2804	6,180	6	◐	○				
Heavy Duty Rock (HDR)	1.4	1.83	1016	40	2050	80.7	1924	4,240	3	●	●				
	2.5	3.20	1524	60	2050	80.7	2538	5,590	5	◐	●				
	3.3	4.30	1905	75	2050	80.7	2973	6,550	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/m³ (3,500 lb/yd³) max material density
- ◐ 1800 kg/m³ (3,000 lb/yd³) max material density
- 1500 kg/m³ (2,500 lb/yd³) max material density
- ◐ 1200 kg/m³ (2,000 lb/yd³) max material density
- 900 kg/m³ (1,500 lb/yd³) max material density

345C L Hydraulic Excavator

345C L Bucket Specifications and Compatibility

Wide Variable Gauge Undercarriage

	Capacity*		Width		Tip Radius		Weight w/o tips		Teeth Qty	Reach Boom Stick				Long Reach Boom Stick	
	m³	yd³	mm	in	mm	in	kg	lb		R4.3TB	R3.9TB	R3.35TB	R2.9TB	R4.3TB	R3.9TB
										(14'1")	(12'10")	(11'0")	(9'6")	(14'1")	(12'10")
TB Buckets															
General Purpose – Capacity (GP-C)	1.0	1.36	762	30	1869	73.6	1342	2,960	3	●	●	●	●	●	●
	1.3	1.73	914	36	1869	73.6	1498	3,300	4	●	●	●	●	●	●
	1.6	2.09	1067	42	1869	73.6	1616	3,560	4	●	●	●	●	●	●
	1.9	2.46	1219	48	1869	73.6	1762	3,880	5	●	●	●	●	●	●
	2.2	2.85	1372	54	1869	73.6	1886	4,150	5	●	●	●	●	●	●
	2.5	3.23	1524	60	1869	73.6	2032	4,480	6	●	●	●	●	◐	◐
	2.8	3.62	1676	66	1869	73.6	2179	4,800	7	◐	◐	●	●	○	○
	3.1	4.00	1829	72	1869	73.6	2306	5,080	7	○	◐	◐	●	◐	○
Heavy Duty (HD)	1.1	1.49	914	36	1869	73.6	1532	3,370	4	●	●	●	●	●	●
	1.4	1.82	1067	42	1869	73.6	1652	3,640	4	●	●	●	●	●	●
	1.6	2.14	1219	48	1869	73.6	1792	3,950	5	●	●	●	●	●	●
	1.9	2.47	1372	54	1869	73.6	1917	4,220	5	●	●	●	●	●	●
	2.2	2.81	1524	60	1869	73.6	2064	4,550	6	●	●	●	●	●	●
	2.4	3.15	1676	66	1869	73.6	2211	4,870	7	●	●	●	●	◐	◐
	2.7	3.48	1829	72	1869	73.6	2335	5,140	7	◐	●	●	●	○	◐
Heavy Duty Rock (HDR)	0.9	1.18	762	30	1869	73.6	1471	3,240	3	●	●	●	●	●	●
	1.1	1.49	914	36	1869	73.6	1636	3,600	4	●	●	●	●	●	●
	1.4	1.82	1067	42	1869	73.6	1769	3,900	4	●	●	●	●	●	●
	1.6	2.15	1219	48	1869	73.6	1920	4,230	5	●	●	●	●	●	●
	1.9	2.48	1372	54	1869	73.6	2057	4,530	5	●	●	●	●	●	●
	2.2	2.81	1524	60	1869	73.6	2224	4,900	6	●	●	●	●	◐	●
	2.4	3.15	1676	66	1869	73.6	2375	5,230	7	◐	●	●	●	○	◐
Heavy Duty-Power (HD-P)	1.5	1.96	1219	48	1725	67.9	1758	3,870	4	●	●	●	●	●	●
	1.7	2.22	1372	54	1725	67.9	1907	4,200	4	●	●	●	●	●	●
	1.9	2.49	1524	60	1725	67.9	2071	4,560	5	●	●	●	●	●	●

	Capacity*		Width		Tip Radius		Weight w/o tips		Teeth Qty	Mass Boom Stick	
	m³	yd³	mm	in	mm	in	kg	lb		M3.0UB	M2.5UB
										(9'10")	(8'2")
UB Buckets											
General Purpose (GP)	1.6	2.09	1016	40	2140	84.3	1812	3,990	3	●	●
	2.8	3.61	1524	60	2140	84.3	2375	5,230	5	●	●
	3.8	5.00	1905	75	2183	85.9	2789	6,140	6	○	◐
Heavy Duty (HD)	1.9	2.42	1219.2	48	2050	80.7	2068	4,560	4	●	●
	2.8	3.68	1676.4	66	2050	80.7	2587	5,700	5	●	●
	3.3	4.30	1905	75	2050	80.7	2804	6,180	6	◐	●
Heavy Duty Rock (HDR)	1.4	1.83	1016	40	2050	80.7	1924	4,240	3	●	●
	2.5	3.20	1524	60	2050	80.7	2538	5,590	5	●	●
	3.3	4.30	1905	75	2050	80.7	2973	6,550	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/m³ (3,500 lb/yd³) max material density
- ◐ 1800 kg/m³ (3,000 lb/yd³) max material density
- 1500 kg/m³ (2,500 lb/yd³) max material density
- ◑ 1200 kg/m³ (2,000 lb/yd³) max material density
- 900 kg/m³ (1,500 lb/yd³) max material density

345C L Hydraulic Excavator

Reach Boom Lift Capacities



Load Point
Height



Load at
Maximum Reach



Load Radius
Over Front



Load Radius
Over Side

BOOM – 7.40 m (24'3")
STICK – 4.30 m (14'1")

BUCKET – 1219 mm (48") GP-C with HD long tips
SHOES – 900 mm (36") triple grouser

UNDERCARRIAGE – Long – fixed gauge
COUNTERWEIGHT – 8.1 mt (17,840 lb)

		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		10.5 m/35.0 ft				m ft
10.5 m 35.0 ft	kg lb													*3840	*3840	9.77
9.0 m 30.0 ft	kg lb									*6110 *12,000	*6110 *12,000			*3620 *8000	*3620 *8000	10.98 35.70
7.5 m 25.0 ft	kg lb									*6480 *14,200	*6480 14,100			*3550 *7800	*3550 *7800	11.82 38.58
6.0 m 20.0 ft	kg lb									*6870 *14,950	6440 13,750	*6460 *13,300	4570 9,700	*3580 *7900	3190 7,100	12.37 40.50
4.5 m 15.0 ft	kg lb							*8520 *18,450	*8520 *18,450	*7470 16,200	6150 13,150	*6760 *14,750	4430 9,400	*3720 *8200	2870 6,350	12.69 41.60
3.0 m 10.0 ft	kg lb			*17 190 *36,900	*17 190 *36,900	*12 250 *26,400	11 740 25,300	*9710 *21,000	8080 17,350	*8170 *17,700	5800 12,450	*7150 *15,550	4230 9,000	*3950 *8700	2710 5,950	12.80 41.98
1.5 m 5.0 ft	kg lb			*20 410 *43,950	16 590 35,750	*14 090 *30,400	10 700 23,050	*10 810 *23,400	7490 16,100	*8840 *19,150	5450 11,700	7470 16,000	4030 8,600	*4290 *9450	2670 5,900	12.69 41.65
Ground Line	kg lb	*6350 *14,450	*6350 *14,450	*17 520 *40,600	15 500 33,350	*15 300 *33,050	9970 21,450	*11 630 *25,150	7020 15,100	*9360 *20,250	5160 11,050	7280 15,600	3850 8,250	*4790 *10,550	2760 6,100	12.38 40.61
-1.5 m -5.0 ft	kg lb	*10 220 *23,100	*10 220 *23,100	*18 880 *42,000	15 100 32,400	*15 730 *34,050	9550 20,550	*12 010 *26,000	6720 14,400	9250 19,850	4950 10,600	7160 15,350	3740 8,000	*5520 *12,200	3010 6,650	11.83 38.79
-3.0 m -10.0 ft	kg lb	*14 740 *33,250	*14 740 *33,250	*19 200 *42,750	15 080 32,350	*15 410 *33,300	9420 20,250	*11 860 *25,600	6580 14,150	9150 19,650	4870 10,450			*6360 *14,050	3510 7,800	11.03 36.07
-4.5 m -15.0 ft	kg lb	*17 800 *39,400	*17 800 *39,400	*18 940 *40,900	15 330 32,900	*14 260 *30,750	9500 20,400	*11 010 *23,650	6620 14,250	*8490 18,050	4930 10,600					
-6.0 m -20.0 ft	kg lb	*18 900 *42,050	*18 900 *42,050	*15 750 *33,700	*15 750 *33,700	*12 010 *25,600	9800 21,100	*9070 *19,100	6860 14,800							
-7.5 m -25.0 ft	kg lb					*7760 *7760										

* Limited to hydraulic capacity rather than tipping load. The above loads are in compliance with hydraulic excavator lift capacity rating standard SAE J/ISO 10567. They do not exceed 87% of hydraulic lifting capacity or 75% of tipping capacity.

All lifts with heavy lift on.

BOOM – 7.40 m (24'3")
STICK – 3.90 m (12'10")

BUCKET – 1219 mm (48") GP-C with HD long tips
SHOES – 900 mm (36") triple grouser

UNDERCARRIAGE – Long – fixed gauge
COUNTERWEIGHT – 8.1 mt (17,840 lb)

		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		10.5 m/35.0 ft				m ft
9.0 m 30.0 ft	kg lb													*4150 *9200	*4150 *9200	10.54 34.25
7.5 m 25.0 ft	kg lb									*6930 *15,200	6530 13,900			*4070 *9000	4010 8,950	11.42 37.27
6.0 m 20.0 ft	kg lb									*7270 *15,850	6380 13,650	*6200	4510	*4110 *9050	3450 7,650	11.99 39.26
4.5 m 15.0 ft	kg lb							*9000 *19,500	8580 18,450	*7840 *17,050	6100 13,050	*7080 *15,450	4400 9,350	*4260 *9350	3110 6,900	12.33 40.40
3.0 m 10.0 ft	kg lb			*18 300 *39,250	18 060 39,000	*12 880 *27,750	11 520 24,850	*10 140 *21,900	7990 17,200	*8500 *18,400	5770 12,350	*7420 *16,150	4220 9,000	*4520 *9950	2930 6,450	12.43 40.79
1.5 m 5.0 ft	kg lb			*17 940 *42,750	16 210 34,950	*14 580 *31,450	10 550 22,750	*11 160 *24,150	7430 16,000	*9110 *19,750	5440 11,650	7480 16,050	4040 8,600	*4900 *10,800	2890 6,350	12.33 40.45
Ground Line	kg lb	*5700 *13,050	*5700 *13,050	*16 490 *38,200	15 360 33,000	*15 580 *33,700	9890 21,300	*11 870 *25,650	7000 15,050	9480 20,350	5170 11,100	7310 15,700	3890 8,300	*5460 *12,050	3000 6,600	12.00 39.37
-1.5 m -5.0 ft	kg lb	*10 520 *23,750	*10 520 *23,750	*19 680 *45,150	15 110 32,450	*15 800 *34,200	9560 20,550	*12 120 *26,200	6740 14,500	9290 19,950	5000 10,700	7220 15,500	3810 8,150	*6290 *13,900	3290 7,300	11.44 37.49
-3.0 m -10.0 ft	kg lb	*15 740 *35,500	*15 740 *35,500	*20 430 *44,250	15 190 32,600	*15 260 *33,000	9490 20,400	*11 800 *25,500	6650 14,300	9240 19,850	4950 10,650			*6600 *14,550	3860 8,550	10.59 34.65
-4.5 m -15.0 ft	kg lb	*19 900 *44,050	*19 900 *44,050	*18 180 *39,250	15 510 33,350	*13 860 *29,850	9630 20,700	*10 730 *23,000	6740 14,500	*8110	5060					
-6.0 m -20.0 ft	kg lb	*19 150 *40,850	*19 150 *40,850	*14 590 *31,150	*14 590 *31,150	*11 230 *23,850	9990 21,550	*8310 *17,250	7060 15,250							

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All lifts with heavy lift on.

345C L Hydraulic Excavator

Reach Boom Lift Capacities



Load Point
Height



Load at
Maximum Reach



Load Radius
Over Front



Load Radius
Over Side

BOOM – 6.90 m (22'8")

STICK – 3.35 m (11')

BUCKET – 1219 mm (48") GP-C with HD long tips

SHOES – 900 mm (36") triple grouser

UNDERCARRIAGE – Long – fixed gauge

COUNTERWEIGHT – 8.1 mt (17,840 lb)

		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							*14,400	*14,400			*4200 *9350	*4200 *9350	9.44 30.59
7.5 m 25.0 ft	kg lb											*4040 *8900	*4040 *8900	10.44 34.02
6.0 m 20.0 ft	kg lb							*8830 *19,200	*8830 *19,200	*8180 *17,900	6350 13,550	*4020 *8850	*4020 *8850	11.08 36.24
4.5 m 15.0 ft	kg lb					*11 640 *25,150	*11 640 *25,150	*9760 *21,150	8660 18,600	*8620 *18,800	6170 13,200	*4120 *9050	3810 8,450	11.44 37.5
3.0 m 10.0 ft	kg lb			*19 170 *41,150	18 450 39,800	*13 640 *29,400	11 760 25,350	*10 850 *23,500	8170 17,550	*9210 *20,000	5910 12,650	*4340 *9550	3610 7950	11.56 37.92
1.5 m 5.0 ft	kg lb			*21 970 *47,400	16 820 36,250	*15 310 *33,050	10 920 23,500	*11 840 *25,600	7700 16,550	*9750 *21,100	5650 12,100	*4700 *10,350	3600 7,950	11.44 37.56
Ground Line	kg lb	*6850 *15,700	*6850 *15,700	*20 710 *47,250	16 090 34,600	*16 250 *35,150	10 360 22,300	*12 470 *27,000	7340 15,800	9760 20,950	5440 11,700	*5240 *11,550	3770 8,300	11.09 36.38
-1.5 m -5.0 ft	kg lb	*13 010 *29,400	*13 010 *29,400	*21 170 *47,200	15 920 34,200	*16 320 *35,300	10 100 21,700	*12 560 *27,150	7150 15,350	9640 20,750	5340 11,450	*6060 *13,400	4210 9,300	10.47 34.29
-3.0 m -10.0 ft	kg lb	*19 510 *43,100	*19 510 *43,100	*20 590 *44,600	16 070 34,500	*15 470 *33,400	10 090 21,700	*11 920 *25,650	7130 15,350	*9050	5380	*7270 *16,000	5060 11,250	9.52 31.1
-4.5 m -15.0 ft	kg lb	*20 410 *45,350	*20 410 *45,350	*17 640 *38,000	16 470 35,400	*13 440 *28,800	10 310 22,200	*10 050 *21,250	7320 15,800					
-6.0 m -20.0 ft	kg lb			*12 620 *26,500	*12 620 *26,500	*9230 *18,900	*9230 *18,900							

* Limited to hydraulic capacity rather than tipping load. The above loads are in compliance with hydraulic excavator lift capacity rating standard SAE J/ISO 10567. They do not exceed 87% of hydraulic lifting capacity or 75% of tipping capacity.

All lifts with heavy lift on.

BOOM – 6.90 m (22'8")

STICK – 3.90 m (12'10")

BUCKET – 1219 mm (48") GP-C with HD long tips

SHOES – 900 mm (36") triple grouser

UNDERCARRIAGE – Long – fixed gauge

COUNTERWEIGHT – 8.1 mt (17,840 lb)

		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		10.5 m/35.0 ft			m ft
9.0 m 30.0 ft	kg lb													*3970 *8800	9.99 32.41
7.5 m 25.0 ft	kg lb									*7030 *13,850	6550 *13,850			*3840 *8450	10.92 35.63
6.0 m 20.0 ft	kg lb									*7580 *16,600	6470 13,800			*3840 *8450	11.53 37.73
4.5 m 15.0 ft	kg lb							*9100 *19,750	8810 18,900	*8100 *17,650	6260 13,400	*6110	4490	*3960 *8700	11.88 38.93
3.0 m 10.0 ft	kg lb			*17 610 *37,800	*17 610 *37,800	*12 770 *27,550	12 020 25,900	*10 270 *22,250	8290 17,800	*8760 *19,000	5970 12,800	*7780 *15,150	4360 9,300	*4190 *9200	11.99 39.34
1.5 m 5.0 ft	kg lb			*20 980 *45,250	17 270 37,200	*14 650 *31,650	11 100 23,900	*11 370 *24,600	7770 16,700	*9400 *20,400	5670 12,150	7650 16,400	4210 9,000	*4550 *10,000	11.88 38.99
Ground Line	kg lb	*8370 *19,050	*8370 *19,050	*22 550 *48,750	16 250 34,950	*15 890 *34,350	10 430 22,450	*12 170 *26,350	7360 15,800	9750 20,950	5430 11,650	7520 *15,200	4090 8,750	*5090 *11,250	11.54 37.86
-1.5 m -5.0 ft	kg lb	*12 970 *29,250	*12 970 *29,250	*22 210 *48,850	15 870 34,100	*16 290 *35,250	10 070 21,650	*12 490 *27,000	7100 15,250	9580 20,600	5270 11,300			*5900 *13,050	10.95 35.88
-3.0 m -10.0 ft	kg lb	*18 570 *41,950	*18 570 *41,950	*21 380 *46,300	15 880 34,100	*15 800 *34,150	9970 21,450	*12 150 *26,200	7020 15,100	*9480 *20,300	5240 11,250			*7190 *15,850	10.05 32.87
-4.5 m -15.0 ft	kg lb	*20 610 *45,750	*20 610 *45,750	*18 960 *40,900	16 170 34,750	*14 260 *30,650	10 100 21,750	*10 850 *23,150	7120 15,350						
-6.0 m -20.0 ft	kg lb	*19 870 *42,200	*19 870 *42,200	*14 800 *31,400	*14 800 *31,400	*11 070 *23,250	10 500 22,650								

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All lifts with heavy lift on.

345C L Hydraulic Excavator

Reach Boom Lift Capacities



Load Point
Height



Load at
Maximum Reach



Load Radius
Over Front



Load Radius
Over Side

BOOM – 6.90 m (22'8")
STICK – 4.30 m (14'1")

BUCKET – 1219 mm (48") GP-C with HD long tips
SHOES – 900 mm (36") triple grouser

UNDERCARRIAGE – Long – fixed gauge
COUNTERWEIGHT – 8.1 mt (17,840 lb)

		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		10.5 m/35.0 ft				m ft	
9.0 m 30.0 ft	kg lb													*3440 *7600	*3440 *7600	10.44 33.92	
7.5 m 25.0 ft	kg lb									*6840 *14,550	6650 14,150			*3330 *7350	*3330 *7350	11.33 36.98	
6.0 m 20.0 ft	kg lb									*7130 *15,600	6540 13,950	*4760 4610		*3330 *7350	*3330 *7350	11.91 38.99	
4.5 m 15.0 ft	kg lb							*8570 *18,600	*8570 *18,600	*7690 *16,750	6310 13,500	*6850 *13,500	4530 9,600	*3440 *7550	3270 7250	12.25 40.15	
3.0 m 10.0 ft	kg lb		*58,350	*58,350	*16 410 *35,250	*16 410 *35,250	*12 080 *26,050	*12 080 *26,050	*9800 *21,200	8370 18,000	*8400 *18,250	6000 12,850	*7480 *16,300	4370 9,300	*3650 *8000	3090 6800	12.36 40.54
1.5 m 5.0 ft	kg lb				*20 130 *43,400	17 640 38,000	*14 110 *30,500	11 250 24,200	*10 990 *23,800	7830 16,850	*9110 *19,750	5690 12,200	7650 16,400	4200 8,950	*3970 *8750	3050 6,750	12.25 40.20
Ground Line	kg lb	*8880 *20,200	*8880 *20,200	*21 440 *47,950	16 410 35,300	*15 550 *33,600	10 510 22,600	*11 910 *25,750	7380 15,850	*9650 *20,900	5410 11,600	7480 16,050	4050 8,650	*4450 *9800	3170 7,000	11.92 39.11	
-1.5 m -5.0 ft	kg lb	*12 560 *28,350	*12 560 *28,350	*20 320 *45,350	15 880 34,100	*16 180 *35,000	10 070 21,650	*12 370 *26,750	7080 15,200	9540 20,500	5220 11,200	7390	3960	*5160 *11,400	3480 7,700	11.35 37.21	
-3.0 m -10.0 ft	kg lb	*17 380 *39,150	*17 380 *39,150	*20 560 *45,900	15 790 33,900	*15 940 *34,450	9900 21,300	*12 230 *26,400	6940 14,900	9460 20,350	5150 11,050			*6280 *13,950	4070 9,050	10.50 34.34	
-4.5 m -15.0 ft	kg lb	*18 400 *40,800	*18 400 *40,800	*19 760 *42,600	16 000 34,350	*14 710 *31,650	9970 21,450	*11 230 *24,050	6990 15,050	*8360	5250						
-6.0 m -20.0 ft	kg lb	*19 990 *44,650	*19 990 *44,650	*16 130 *34,400	*16 130 *34,400	*12 060 *25,550	10 290 22,200	*8680	7280								

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All lifts with heavy lift on.

BOOM – 6.90 m (22'8")
STICK – 3.35 m (11')

BUCKET – Bare pin grabber coupler – no bucket
SHOES – 900 mm (36") triple grouser

UNDERCARRIAGE – Long – fixed gauge
COUNTERWEIGHT – 8.1 mt (17,840 lb)

		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							*15,600	*15,600			*6470 *14,400	*6470 *14,400	7.85 25.32
7.5 m 25.0 ft	kg lb											*6100 *13,500	*6100 *13,500	8.96 29.16
6.0 m 20.0 ft	kg lb							*9410 *20,500	*9410 20,500	*8800 *19,300	6860 14,700	*6010 *13,250	5890 13,100	9.72 31.75
4.5 m 15.0 ft	kg lb					*12 190 *26,350	*12 190 *26,350	*10 350 *22,450	9130 19,650	*9240 *20,150	6670 14,300	*6100 *13,450	5260 11,650	10.19 33.39
3.0 m 10.0 ft	kg lb			*19 820 *42,550	18 960 40,950	*14 240 *30,750	12 240 26,400	*11 450 *24,800	8650 18,650	*9820 *21,350	6410 13,800	*6380 *14,050	4920 10,850	10.43 34.21
1.5 m 5.0 ft	kg lb			*22 740 *49,050	17 480 37,650	*15 960 *34,500	11 450 24,700	*12 460 *27,000	8210 17,650	*10 360 *22,500	6160 13,250	*6870 *15,100	4790 10,550	10.45 34.28
Ground Line	kg lb	*7330 *16,800	*7330 *16,800	*21 410 *48,000	16 810 36,150	*16 930 *36,650	10 930 23,550	*13 110 *28,400	7870 16,950	10 260 22,100	5960 12,800	*7630 *16,850	4860 10,700	10.24 33.60
-1.5 m -5.0 ft	kg lb	*13 550 *30,600	*13 550 *30,600	*21 450 *47,950	16 640 35,750	*17 010 *36,850	10 680 23,000	*13 210 *28,600	7680 16,550	10 150 21,850	5860 12,600	*8860 *19,600	5160 11,400	9.80 32.11
-3.0 m -10.0 ft	kg lb	*19 030 *42,150	*19 030 *42,150	*21 370 *46,300	16 740 36,000	*16 150 *34,950	10 660 22,950	*12 560 *27,100	7660 16,500	*9670	5890	*9490 *20,950	5820 12,900	9.08 29.71
-4.5 m -15.0 ft	kg lb	*20 440 *45,550	*20 440 *45,550	*18 370 *39,600	17 090 36,750	*14 100 *30,250	10 860 23,400	*10 670 *22,600	7830 16,900			*9420 *20,750	7140 15,950	8.03 26.13
-6.0 m -20.0 ft	kg lb			*13 280 *27,950	*13 280 *27,950	*9840 *20,200	*9840					*8650 *18,850	*8650 *18,850	6.45 20.75

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All lifts with heavy lift on.

345C L Hydraulic Excavator

Reach Boom Lift Capacities



Load Point
Height



Load at
Maximum Reach



Load Radius
Over Front



Load Radius
Over Side

BOOM – 6.90 m (22'8")
STICK – 3.90 m (12'10")

BUCKET – Bare pin grabber coupler – no bucket
SHOES – 900 mm (36") triple grouser

UNDERCARRIAGE – Long – fixed gauge
COUNTERWEIGHT – 8.1 mt (17,840 lb)

		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		10.5 m/35.0 ft				m ft
9.0 m 30.0 ft	kg lb													*5960 *13,250	*5960 *13,250	8.41 27.20
7.5 m 25.0 ft	kg lb									*7530 *15,000	7090 *15,000			*5680 *12,550	*5680 *12,550	9.46 30.81
6.0 m 20.0 ft	kg lb									*8200 *17,950	6980 14,950			*5630 *12,400	5460 12,150	10.18 33.27
4.5 m 15.0 ft	kg lb							*9680 *21,000	9280 19,950	*8720 *19,000	6760 14,500	*6570 5030		*5740 *12,650	4900 10,850	10.63 34.83
3.0 m 10.0 ft	kg lb			*18 210 *39,100	*18 210 *39,100	*13 350 *28,850	12 480 26,900	*10 860 *23,550	8770 18,900	*9380 *20,400	6470 13,900	*8320 *16,100	4900 10,450	*6010 *13,250	4580 10,100	10.86 35.62
1.5 m 5.0 ft	kg lb			*21 690 *46,750	17 850 38,450	*15 290 *33,050	11 610 25,000	*11 990 *25,950	8280 17,800	*10 020 *21,750	6190 13,300	8170 17,550	4740 10,150	*6470 *14,250	4450 9,800	10.87 35.68
Ground Line	kg lb	*8950 *20,350	*8950 *20,350	*23 320 *50,450	16 910 36,350	*16 560 *35,850	10 990 23,650	*12 810 *27,750	7890 16,950	10 260 22,050	5950 12,800	8040 *16,050	4620 9,900	*7190 *15,850	4490 9,900	10.68 35.03
-1.5 m -5.0 ft	kg lb	*13 570 *30,600	*13 570 *30,600	*22 750 *50,600	16 550 35,550	*16 970 *36,750	10 640 22,900	*13 140 *28,450	7640 16,450	10 090 21,700	5800 12,450			8270 18,250	4740 10,450	10.25 33.61
-3.0 m -10.0 ft	kg lb	*19 210 *43,000	*19 210 *43,000	*22 150 *47,950	16 540 35,550	*16 480 *35,650	10 540 22,700	*12 800 *27,650	7550 16,250	10 060 21,650	5770 12,400			*9130 *20,150	5270 11,700	9.57 31.33
-4.5 m -15.0 ft	kg lb	*20 710 *46,100	*20 710 *46,100	*19 700 *42,500	16 790 36,100	*14 920 *32,100	10 650 22,950	*11 490 *24,550	7640 16,500					*9260 *20,400	6320 14,100	8.58 27.96
-6.0 m -20.0 ft	kg lb	*20 630 *43,850	*20 630 *43,850	*15 480 *32,900	*15 480 *32,900	*11 700 *24,650	11 020 23,800							*9020 *19,800	8580 19,450	7.13 23.02

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All lifts with heavy lift on.

BOOM – 7.40 m (24'3")
STICK – 4.30 m (14'1")

BUCKET – 1219 mm (48") GP-C with HD long tips
SHOES – 900 mm (36") triple grouser

UNDERCARRIAGE – Long – variable gauge
COUNTERWEIGHT – 8.1 mt (17,840 lb)

		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		10.5 m/35.0 ft				m ft
10.5 m 35.0 ft	kg lb													*3810 *8450	*3810 *8450	9.91 31.97
9.0 m 30.0 ft	kg lb									*6350 *12,650	*6350 *12,650			*3600 *7950	*3600 *7950	11.07 36.02
7.5 m 25.0 ft	kg lb									*6510 *14,250	*6510 *14,250			*3550 *7800	*3550 *7800	11.88 38.80
6.0 m 20.0 ft	kg lb									*6920 *15,050	*6920 *15,050	*6480 *13,750	5170 11,000	*3590 *7900	*3590 *7900	12.41 40.64
4.5 m 15.0 ft	kg lb							*8630 *18,700	*8630 *18,700	*7530 *16,350	6870 14,750	*6800 *14,800	5020 10,700	*3730 *8200	3330 7350	12.71 41.67
3.0 m 10.0 ft	kg lb			*17 570 *37,700	*17 570 *37,700	*12 450 *26,850	*12 450 *26,850	*9820 *21,250	8990 19,350	*8240 *17,850	6520 13,950	*7190 *15,600	4820 10,300	*3970 *8750	3170 7000	12.79 41.98
1.5 m 5.0 ft	kg lb			*20 620 *44,450	18 610 40,100	*14 240 *30,750	11 950 25,750	*10 910 *23,600	8400 18,050	*8900 *19,250	6170 13,200	*7570 *16,400	4620 9,850	*4330 *9550	3150 6,950	12.67 41.58
Ground Line	kg lb	*6700 *15,200	*6700 *15,200	*17 550 *40,600	*17 550 *37,750	*15 370 *33,250	11 230 24,150	*11 690 *25,250	7940 17,050	*9390 *20,300	5870 12,600	7640 16,400	4450 9,500	*4850 *10,700	3270 7,200	12.34 40.47
-1.5 m -5.0 ft	kg lb	*10 630 *23,950	*10 630 *23,950	*18 880 *42,000	17 210 36,950	*15 740 *34,050	10 850 23,300	*12 020 *26,000	7650 16,450	*9580 *20,700	5680 12,200	7530 16,150	4340 9,300	*5610 *12,400	3570 7,900	11.77 38.58
-3.0 m -10.0 ft	kg lb	*15 210 *34,300	*15 210 *34,300	*19 260 *42,900	17 220 36,950	*15 330 *33,150	10 730 23,050	*11 810 *25,500	7530 16,200	*9330 *20,100	5610 12,050			*6360 *14,000	4150 9,200	10.93 35.76
-4.5 m -15.0 ft	kg lb	*17 870 *39,550	*17 870 *39,550	*18 700 *40,350	17 500 37,550	*14 090 *30,350	10 830 23,300	*10 890 *23,350	7580 16,300	*8350 *17,700	5680 12,250					
-6.0 m -20.0 ft	kg lb	*19 060 *42,450	*19 060 *42,450	*15 350 *32,800	*15 350 *32,800	*11 710 *24,950	11 160 24,050	*8790 *18,450	7850 16,950							

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345C L Hydraulic Excavator

Reach Boom Lift Capacities



Load Point
Height



Load at
Maximum Reach



Load Radius
Over Front



Load Radius
Over Side

BOOM – 6.90 m (22'8")
STICK – 3.90 m (12'10")

BUCKET – 1219 mm (48") GP-C with HD long tips
SHOES – 900 mm (36") triple grouser

UNDERCARRIAGE – Long – variable gauge
COUNTERWEIGHT – 8.1 mt (17,840 lb)

		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		10.5 m/35.0 ft				m ft
9.0 m 30.0 ft	kg lb													*3950 *8750	*3950 *8750	10.10 32.78
7.5 m 25.0 ft	kg lb									*7280 *14,550	*7280 *14,550			*3830 *8450	*3830 *8450	10.99 35.87
6.0 m 20.0 ft	kg lb									*7620 *16,650	7210 15,400			*3850 *8500	*3850 *8500	11.57 37.88
4.5 m 15.0 ft	kg lb							*9210 *19,950	*9210 *19,950	*8160 *17,750	6980 14,950	*6330 5090		*3980 *8750	*3980 *8750	11.90 39.00
3.0 m 10.0 ft	kg lb			*18 000 *38,650	*18 000 *38,650	*12 970 *27,950	*12 970 *27,950	*10 380 *22,450	9200 19,800	*8830 *19,150	6690 14,350	*7810 *15,400	4960 10,600	*4220 *9300	3840 8450	11.99 39.34
1.5 m 5.0 ft	kg lb			*21 220 *45,750	19 300 41,550	*14 810 *32,000	12 360 26,600	*11 470 *24,800	8690 18,700	*9460 *20,500	6390 13,700	8010 *17,000	4810 10,300	*4600 *10,100	3830 8,450	11.86 38.91
Ground Line	kg lb	*8770 *19,900	*8770 *19,900	*22 610 *48,900	18 340 39,400	*15 960 *34,500	11 710 25,200	*12 230 *26,450	8280 17,800	*9890 *21,400	6150 13,200	7890	4690	*5160 *11,350	4010 8,850	11.49 37.71
-1.5 m -5.0 ft	kg lb	*13 460 *30,350	*13 460 *30,350	*22 220 *48,750	18 000 38,650	*16 280 *35,250	11 370 24,450	*12 490 *27,000	8040 17,300	*9950 *21,450	6000 12,900			*6000 *13,250	4430 9,800	10.87 35.64
-3.0 m -10.0 ft	kg lb	*19 180 *43,300	*19 180 *43,300	*21 210 *45,900	18 040 38,750	*15 700 *33,950	11 290 24,300	*12 080 *26,050	7970 17,150	*9380 *20,050	5990 12,900			*7170 *15,800	5240 11,600	9.95 32.52
-4.5 m -15.0 ft	kg lb	*20 750 *46,100	*20 750 *46,100	*18 650 *40,200	18 370 39,450	*14 040 *30,150	11 450 24,650	*10 650 *22,700	8090 17,450							
-6.0 m -20.0 ft	kg lb			*14 260 *30,200	*14 260 *30,200	*10 610 *22,200	*10 610 *22,200									

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STICK – 3.35 m (11')

BUCKET – Bare pin grabber coupler – no bucket
SHOES – 900 mm (36") triple grouser

UNDERCARRIAGE – Long – variable gauge
COUNTERWEIGHT – 8.1 mt (17,840 lb)

		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							*16,950	*16,950			*6420 *14,250	*6420 *14,250	7.99 25.79
7.5 m 25.0 ft	kg lb									*6470	*6470	*6080 *13,450	*6080 *13,450	9.06 29.48
6.0 m 20.0 ft	kg lb							*9490 *20,650	*9490 *20,650	*8830 *19,350	8780 18,850	*6010 *13,250	*6010 *13,250	9.78 31.96
4.5 m 15.0 ft	kg lb					*12 400 *26,800	*12 400 *26,800	*10 460 *22,700	*10 460 *22,700	*9290 *20,250	8570 18,400	*6120 *13,500	*6120 *13,500	10.23 33.51
3.0 m 10.0 ft	kg lb			*20 210 *43,400	*20 210 *43,400	*14 440 *31,150	*14 440 *31,150	*11 570 *25,050	11 110 23,950	*9880 *21,450	8300 17,850	*6420 *14,150	*6420 *14,150	10.44 34.25
1.5 m 5.0 ft	kg lb			*22 260 *49,450	*22 260 *49,450	*16 100 *34,800	14 930 32,150	*12 540 *27,150	10 660 22,950	*10 410 *22,600	8040 17,300	*6930 *15,250	6340 13,950	10.44 34.24
Ground Line	kg lb	*7990 *18,200	*7990 *18,200	*21 360 *47,850	*21 360 *47,850	*16 980 *36,750	14 410 31,000	*13 140 *28,450	10 320 22,200	*10 710 *23,200	7850 16,900	*17,050	6470 14,250	10.21 33.48
-1.5 m -5.0 ft	kg lb	*14 210 *32,050	*14 210 *32,050	*21 520 *48,100	*21 520 *48,100	*16 970 *36,750	14 180 30,500	*13 180 *28,500	10 140 21,850	*10 550 *22,750	7750 16,700	*9020 *19,950	6910 15,250	9.74 31.91
-3.0 m -10.0 ft	kg lb	*19 120 *42,350	*19 120 *42,350	*21 130 *45,750	*21 130 *45,750	*16 010 *34,600	14 180 30,500	*12 440 *26,800	10 130 21,850			*9500 *20,950	7820 17,350	8.99 29.41
-4.5 m -15.0 ft	kg lb	*20 680 *46,100	*20 680 *46,100	*17 960 *38,650	*17 960 *38,650	*13 790 *29,550	*13 790 *29,550	*10 350 *21,850	10 340 21,850			*9390 *20,650	*9390 *20,650	7.89 25.68
-6.0 m -20.0 ft	kg lb			*12 560	*12 560	*9140	*9140					*8480	*8480	6.24

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345C L Hydraulic Excavator

Reach Boom Lift Capacities



Load Point
Height



Load at
Maximum Reach



Load Radius
Over Front



Load Radius
Over Side

BOOM – 6.90 m (22'8")
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BUCKET – Bare pin grabber coupler – no bucket
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UNDERCARRIAGE – Long – variable gauge
COUNTERWEIGHT – 8.1 mt (17,840 lb)

		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		10.5 m/35.0 ft				m ft
9.0 m 30.0 ft	kg lb													*5920 *13,150	*5920 *13,150	8.53 27.61
7.5 m 25.0 ft	kg lb									*7780 *15,700	*7780 *15,700			*5670 *12,550	*5670 *12,550	9.54 31.09
6.0 m 20.0 ft	kg lb									*8240 *18,050	7720 16,550			*5630 *12,400	*5630 *12,400	10.23 33.45
4.5 m 15.0 ft	kg lb							*9790 *21,250	*9790 *21,250	*8780 *19,100	7480 16,050	*6790 5630		*5760 *12,700	5460 12,100	10.66 34.94
3.0 m 10.0 ft	kg lb			*18 610 *39,950	*18 610 *39,950	*13 560 *29,250	*13 560 *29,250	*10 980 *23,800	9680 20,850	*9440 *20,500	7190 15,450	*8440 *16,350	5490 11,750	*6050 *13,300	5140 11,350	10.87 35.66
1.5 m 5.0 ft	kg lb			*21 930 *47,300	19 900 42,850	*15 440 *33,400	12 870 27,750	*12 090 *26,150	9190 19,800	*10 080 *21,850	6900 14,850	8530 *17,900	5340 11,450	*6530 *14,350	5030 11,100	10.87 35.65
Ground Line	kg lb	*9350 *21,200	*9350 *21,200	*23 380 *50,600	19 000 40,850	*16 640 *36,000	12 270 26,400	*12 870 *27,850	8810 18,950	*10 520 *22,800	6670 14,350	8410 5220		*7270 *16,050	5100 11,250	10.65 34.93
-1.5 m -5.0 ft	kg lb	*14 060 *31,700	*14 060 *31,700	*22 770 *50,450	18 680 40,100	*16 970 *36,750	11 940 25,700	*13 140 *28,450	8570 18,450	10 540 22,650	6530 14,050			*8440 *18,650	5410 11,950	10.20 33.43
-3.0 m -10.0 ft	kg lb	*19 500 *43,200	*19 500 *43,200	*21 970 *47,550	18 700 40,150	*16 380 *35,450	11 860 25,550	*12 720 *27,450	8500 18,300	*10 010 *21,450	6510 14,050			*9150 *20,200	6040 13,350	9.49 31.06
-4.5 m -15.0 ft	kg lb	*20 900 *46,500	*20 900 *46,500	*19 380 *41,800	18 980 40,800	*14 700 *31,600	12 000 25,850	*11 280 *24,100	8610 18,600					*9260 *20,400	7270 16,200	8.46 27.56
-6.0 m -20.0 ft	kg lb			*14 930 *31,650	*14 930 *31,650	*11 240 *23,600	*11 240 *23,600							*8960 *19,650	*8960 *19,650	6.96 22.43

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BOOM – 7.40 m (24'3")
STICK – 4.30 m (14'1")

BUCKET – 1219 mm (48") GP-C with HD long tips
SHOES – 900 mm (36") triple grouser

UNDERCARRIAGE – Long – wide variable gauge
COUNTERWEIGHT – 8.1 mt (17,840 lb)

		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		10.5 m/35.0 ft				m ft
10.5 m 35.0 ft	kg lb													*3800 *8450	*3800 *8450	9.91 32.01
9.0 m 30.0 ft	kg lb									*6360 *12,700	*6360 *12,700			*3600 *7950	*3600 *7950	11.08 36.04
7.5 m 25.0 ft	kg lb									*6510 *14,250	*6510 *14,250			*3550 *7800	*3550 *7800	11.89 38.82
6.0 m 20.0 ft	kg lb									*6920 *15,050	*6920 *15,050	*6480 *13,800	6120 13,050	*3590 *7900	*3590 *7900	12.42 40.64
4.5 m 15.0 ft	kg lb							*8640 *18,700	*8640 *18,700	*7540 *16,350	*7540 *16,350	*6800 *14,800	5970 12,750	*3740 *8200	*3740 *8200	12.71 41.67
3.0 m 10.0 ft	kg lb			*17 590 *37,750	*17 590 *37,750	*12 460 *26,850	*12 460 *26,850	*9830 *21,250	*9830 *21,250	*8240 *17,850	7690 16,500	*7190 *15,600	5760 12,350	*3980 *8750	3890 8,600	12.79 41.98
1.5 m 5.0 ft	kg lb			*20 640 *44,500	*20 640 *44,500	*14 250 *30,750	14 180 30,500	*10 910 *23,600	9940 21,350	*8910 *19,300	7330 15,750	*7570 *16,400	5560 11,900	*4340 *9550	3880 8,550	12.67 41.58
Ground Line	kg lb	*6720 *15,250	*6720 *15,250	*17 550 *40,600	*17 550 *40,600	*15 380 *33,250	13 430 28,900	*11 690 *25,300	9460 20,350	*9390 *20,300	7030 15,100	7790 16,700	5380 11,500	*4860 *10,700	4030 8,900	12.33 40.46
-1.5 m -5.0 ft	kg lb	*10 660 *24,050	*10 660 *24,050	*18 880 *42,000	*18 880 *42,000	*15 740 *34,050	13 030 28,000	*12 030 *26,000	9160 19,700	*9580 *20,700	6840 14,700	7680 16,500	5270 11,300	*5620 *12,400	4380 9,650	11.76 38.56
-3.0 m -10.0 ft	kg lb	*15 250 *34,400	*15 250 *34,400	*19 270 *42,900	*19 270 *42,900	*15 330 *33,150	12 910 27,750	*11 810 *25,500	9040 19,450	*9330 *20,050	6760 14,550			*6360 *14,000	5040 11,150	10.92 35.73
-4.5 m -15.0 ft	kg lb	*17 870 *39,600	*17 870 *39,600	*18 680 *40,300	*18 680 *40,300	*14 080 *30,350	13 020 28,000	*10 880 *23,350	9100 19,600	*8340 *17,700	6840 14,750					
-6.0 m -20.0 ft	kg lb	*19 080 *42,500	*19 080 *42,500	*15 330 *32,750	*15 330 *32,750	*11 690 *24,900	*11 690 *24,900	*8770 *18,400								

* Limited to hydraulic capacity rather than tipping load. The above loads are in compliance with hydraulic excavator lift capacity rating standard SAE J/ISO 10567.
They do not exceed 87% of hydraulic lifting capacity or 75% of tipping capacity.

All lifts with heavy lift on.

345C L Hydraulic Excavator

Reach Boom Lift Capacities



Load Point
Height



Load at
Maximum Reach



Load Radius
Over Front



Load Radius
Over Side

BOOM – 6.90 m (22'8")
STICK – 3.90 m (12'10")

BUCKET – 1219 mm (48") GP-C with HD long tips
SHOES – 900 mm (36") triple grouser

UNDERCARRIAGE – Long – wide variable gauge
COUNTERWEIGHT – 8.1 mt (17,840 lb)

		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		10.5 m/35.0 ft				m ft
9.0 m 30.0 ft	kg lb													*3940 *8750	*3940 *8750	10.10 32.80
7.5 m 25.0 ft	kg lb									*7300 *14,600	*7300 *14,600			*3830 *8450	*3830 *8450	11.00 35.89
6.0 m 20.0 ft	kg lb									*7630 *16,650	*7630 *16,650			*3850 *8500	*3850 *8500	11.58 37.89
4.5 m 15.0 ft	kg lb							*9210 *19,950	*9210 *19,950	*8170 *17,800	8160 17,500	*6340 6040		*3980 *8750	*3980 *8750	11.90 39.01
3.0 m 10.0 ft	kg lb			*18 020 *38,700	*18 020 *38,700	*12 980 *28,000	*12 980 *28,000	*10 390 *22,500	*10 390 *22,500	*8830 *19,150	7860 16,850	*7810 *15,450	5900 12,600	*4220 *9300	*4220 *9300	11.99 39.34
1.5 m 5.0 ft	kg lb			*21 230 *45,750	*21 230 *45,750	*14 820 *32,000	14 590 31,400	*11 470 *24,800	10 230 22,000	*9460 *20,500	7560 16,250	*8090 *17,000	5740 12,300	*4600 *10,100	*4600 *10,100	11.85 38.91
Ground Line	kg lb	*8800 *20,000	*8800 *20,000	*22 610 *48,900	22 160 47,550	*15 970 *34,550	13 920 29,950	*12 230 *26,450	9810 21,100	*9890 *21,400	7310 15,700	8040	5620	*5160 *11,400	4840 10,650	11.49 37.70
-1.5 m -5.0 ft	kg lb	*13 490 *30,450	*13 490 *30,450	*22 220 *48,700	21 800 46,750	*16 280 *35,250	13 570 29,150	*12 490 *27,000	9560 20,550	*9950 *21,450	7160 15,400			*6010 *13,300	5320 11,750	10.87 35.62
-3.0 m -10.0 ft	kg lb	*19 220 *43,400	*19 220 *43,400	*21 190 *45,850	*21 190 *45,850	*15 690 *33,900	13 490 29,000	*12 070 *26,000	9490 20,400	*9370 *20,050	7150 15,400			*7160 *15,800	6260 13,900	9.94 32.49
-4.5 m -15.0 ft	kg lb	*20 760 *46,100	*20 760 *46,100	*18 630 *40,150	*18 630 *40,150	*14 020 *30,100	13 650 29,350	*10 630 *22,650	9620 20,750							
-6.0 m -20.0 ft	kg lb			*14 220 *30,100	*14 220 *30,100	*10 580 *22,150	*10 580 *22,150									

* Limited to hydraulic capacity rather than tipping load. The above loads are in compliance with hydraulic excavator lift capacity rating standard SAE J/ISO 10567.
They do not exceed 87% of hydraulic lifting capacity or 75% of tipping capacity.

All lifts with heavy lift on.

BOOM – 6.90 m (22'8")
STICK – 3.35 m (11')

BUCKET – Bare pin grabber coupler – no bucket
SHOES – 900 mm (36") triple grouser

UNDERCARRIAGE – Long – wide variable gauge
COUNTERWEIGHT – 8.1 mt (17,840 lb)

		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							*16,950	*16,950			*6420 *14,250	*6420 *14,250	7.99 25.79
7.5 m 25.0 ft	kg lb									*6470 *6470		*6080 *13,450	*6080 *13,450	9.06 29.48
6.0 m 20.0 ft	kg lb							*9490 *20,650	*9490 *20,650	*8830 *19,350	8780 18,850	*6010 *13,250	*6010 *13,250	9.78 31.96
4.5 m 15.0 ft	kg lb					*12 400 *26,800	*12 400 *26,800	*10 460 *22,700	*10 460 *22,700	*9290 *20,250	8570 18,400	*6120 *13,500	*6120 *13,500	10.23 33.51
3.0 m 10.0 ft	kg lb			*20 210 *43,400	*20 210 *43,400	*14 440 *31,150	*14 440 *31,150	*11 570 *25,050	11 110 23,950	*9880 *21,450	8300 17,850	*6420 *14,150	*6420 *14,150	10.44 34.25
1.5 m 5.0 ft	kg lb			*22 260 *49,450	*22 260 *49,450	*16 100 *34,800	14 930 32,150	*12 540 *27,150	10 660 22,950	*10 410 *22,600	8040 17,300	*6930 *15,250	6340 13,950	10.44 34.24
Ground Line	kg lb	*7990 *18,200	*7990 *18,200	*21 360 *47,850	*21 360 *47,850	*16 980 *36,750	14 410 31,000	*13 140 *28,450	10 320 22,200	*10 710 *23,200	7850 16,900	*17,050	6470 14,250	10.21 33.48
-1.5 m -5.0 ft	kg lb	*14 210 *32,050	*14 210 *32,050	*21 520 *48,100	*21 520 *48,100	*16 970 *36,750	14 180 30,500	*13 180 *28,500	10 140 21,850	*10 550 *22,750	7750 16,700	*9020 *19,950	6910 15,250	9.74 31.91
-3.0 m -10.0 ft	kg lb	*19 120 *42,350	*19 120 *42,350	*21 130 *45,750	*21 130 *45,750	*16 010 *34,600	14 180 30,500	*12 440 *26,800	10 130 21,850			*9500 *20,950	7820 17,350	8.99 29.41
-4.5 m -15.0 ft	kg lb	*20 680 *46,100	*20 680 *46,100	*17 960 *38,650	*17 960 *38,650	*13 790 *29,550	*13 790 *29,550	*10 350 *21,850	10 340 21,850			*9390 *20,650	*9390 *20,650	7.89 25.68
-6.0 m -20.0 ft	kg lb			*12 560	*12 560	*9140	*9140					*8480	*8480	6.24

* Limited to hydraulic capacity rather than tipping load. The above loads are in compliance with hydraulic excavator lift capacity rating standard SAE J/ISO 10567.
They do not exceed 87% of hydraulic lifting capacity or 75% of tipping capacity.

All lifts with heavy lift on.

345C L Hydraulic Excavator

Mass Boom Lift Capacities



Load Point
Height



Load at
Maximum Reach



Load Radius
Over Front



Load Radius
Over Side

BOOM – 6.55 m (21'6")
STICK – 2.50 m (8'2")

BUCKET – 1905 mm (75") HDR V-edge with HD long tips
SHOES – 900 mm (36") triple grouser

UNDERCARRIAGE – Long – fixed gauge
COUNTERWEIGHT – 9.0 mt (19,820 lb)

		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											*5340 *11,900	*5340 *11,900	8.10 26.08
7.5 m 25.0 ft	kg lb							*8530 8460				*5050 *11,150	*5050 *11,150	9.29 30.23
6.0 m 20.0 ft	kg lb							*8810 *19,200	8500 18,100			*5010 *11,050	4560 10,150	10.02 32.76
4.5 m 15.0 ft	kg lb			*15 890 *34,050	*15 890 *34,050	*11 760 *25,350	*11 760 *25,350	*9580 *20,750	8200 17,550	*8300 5440		*5160 *11,350	3970 8,800	10.42 34.14
3.0 m 10.0 ft	kg lb			*19 430 *41,700	18 260 39,450	*13 470 *29,050	11 540 24,850	*10 470 *22,650	7770 16,650	*8660 *18,750	5300 11,250	*5480 *12,050	3710 8,200	10.54 34.57
1.5 m 5.0 ft	kg lb			*19 070 *46,000	16 650 35,900	*14 770 *31,900	10 700 23,000	*11 210 *24,200	7340 15,750	*8960 *19,350	5120 10,900	*6000 *13,200	3730 8,200	10.39 34.09
Ground Line	kg lb			*21 250 *46,050	16 120 34,650	*15 260 *33,000	10 200 21,900	*11 530 *24,900	7030 15,100	*8900 4990		*6810 *15,000	4040 8,900	9.96 32.67
-1.5 m -5.0 ft	kg lb	*14 740 *33,500	*14 740 *33,500	*20 020 *43,450	16 160 34,700	*14 820 *32,050	10 040 21,550	*11 170 *24,050	6920 14,850			*6950 *15,300	4810 10,650	9.21 30.17
-3.0 m -10.0 ft	kg lb	*20 930 *46,250	*20 930 *46,250	*17 630 *38,150	16 550 35,550	*13 260 *28,550	10 180 21,900	*9620 *20,300	7040 15,150					
-4.5 m -15.0 ft	kg lb			*13 440 *28,650	*13 440 *28,650	*9750 *20,350	*9750 *20,350							

* Limited to hydraulic capacity rather than tipping load. The above loads are in compliance with hydraulic excavator lift capacity rating standard SAE J/ISO 10567.
They do not exceed 87% of hydraulic lifting capacity or 75% of tipping capacity.

All lifts with heavy lift on.

BOOM – 6.55 m (21'6")
STICK – 3.00 m (9'10")

BUCKET – 1905 mm (75") HDR V-edge with HD long tips
SHOES – 900 mm (36") triple grouser

UNDERCARRIAGE – Long – fixed gauge
COUNTERWEIGHT – 9.0 mt (19,820 lb)

		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											*3900 *8700	*3900 *8700	8.72 28.17
7.5 m 25.0 ft	kg lb							*7690 *16,900	*7690 *16,900			*3660 *8100	*3660 *8100	9.81 31.97
6.0 m 20.0 ft	kg lb							*8110 *17,650	*8110 *17,650	*5970 5570		*3630 *8000	*3630 *8000	10.50 34.34
4.5 m 15.0 ft	kg lb					*10 880 *23,450	*10 880 *23,450	*8940 *19,350	8280 17,700	*7760 *16,900	5520 11,700	*3750 *8250	3530 7,800	10.88 35.65
3.0 m 10.0 ft	kg lb			*18 170 *39,000	*18 170 *39,000	*12 720 *27,400	11 710 25,200	*9930 *21,450	7810 16,700	*8250 *17,850	5320 11,300	*4010 *8800	3290 7,250	10.99 36.06
1.5 m 5.0 ft	kg lb			*20 710 *44,650	17 070 36,750	*14 240 *30,750	10 800 23,200	*10 800 *23,350	7330 15,700	*8670 *18,750	5080 10,850	*4440 *9750	3280 7,250	10.85 35.60
Ground Line	kg lb			*21 360 *46,250	16 220 34,850	*15 030 *32,500	10 190 21,900	*11 310 *24,400	6970 14,900	*8840 *19,000	4900 10,450	*5100 *11,250	3540 7,800	10.44 34.26
-1.5 m -5.0 ft	kg lb	*13 960 *31,650	*13 960 *31,650	*20 610 *44,650	16 050 34,450	*14 920 *32,250	9930 21,300	*11 210 *24,150	6780 14,550	*8400 4830		*6140 *13,550	4150 9,200	9.74 31.91
-3.0 m -10.0 ft	kg lb	*21 130 *46,750	*21 130 *46,750	*18 660 *40,350	16 280 34,950	*13 780 *29,700	9960 21,400	*10 190 *21,750	6810 14,600					
-4.5 m -15.0 ft	kg lb	*20 220 *43,400	*20 220 *43,400	*15 110 *32,350	*15 110 *32,350	*11 100 *23,500	10 310 22,200							

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They do not exceed 87% of hydraulic lifting capacity or 75% of tipping capacity.

All lifts with heavy lift on.