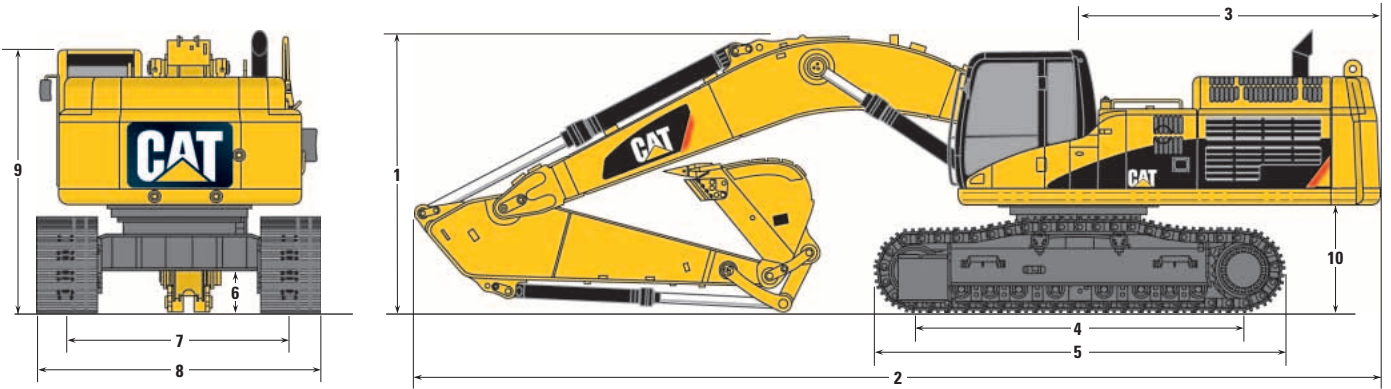


345C L Hydraulic Excavator

Dimensions

All dimensions are approximate.



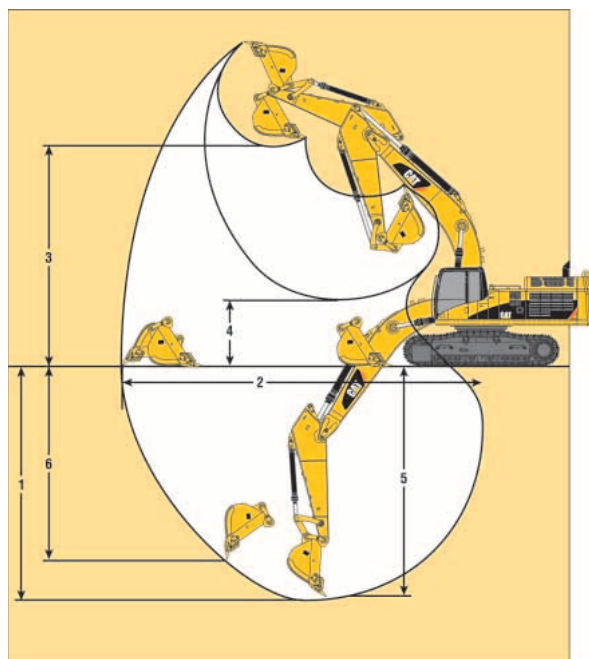
Boom	Long Reach Boom 7.4 m (24'3")			Reach Boom 6.9 m (22'8")			Mass Boom 6.55 m (21'6")	
Stick	R4.3TB (14'1")	R3.9TB (12'10")	R4.3TB (14'1")	R3.9TB (12'10")	R3.35TB (11'0")	R2.9TB (9'6")	M3.0UB (9'10")	M2.5UB (8'2")
1 Shipping Height								
Fixed Gauge Undercarriage	3590 mm (11'9")	3510 mm (11'6")	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.

345C L Hydraulic Excavator

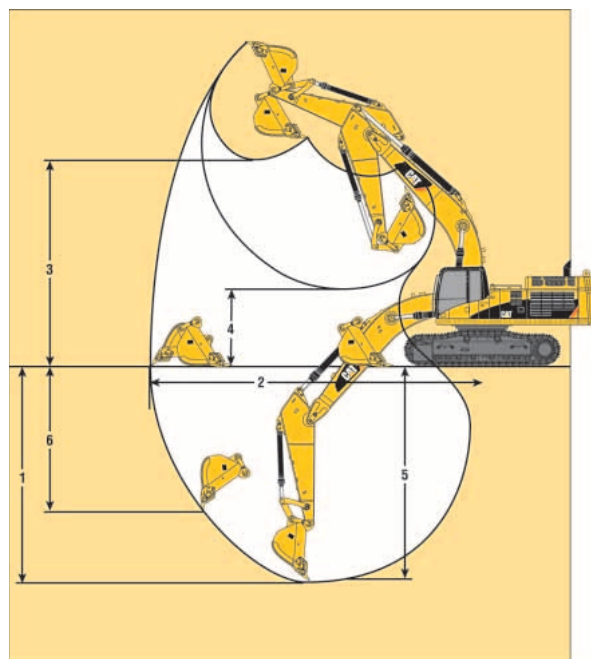
Reach Working Ranges

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 m³ (2.46 yd³)	GP-C 1.9 m³ (2.46 yd³)	GP-C 1.9 m³ (2.46 yd³)	GP-C 1.9 m³ (2.46 yd³)	GP-C 1.9 m³ (2.46 yd³)	GP-C 1.9 m³ (2.46 yd³)	HD 2.8 m³ (3.70 yd³)	HD 2.8 m³ (3.70 yd³)
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")

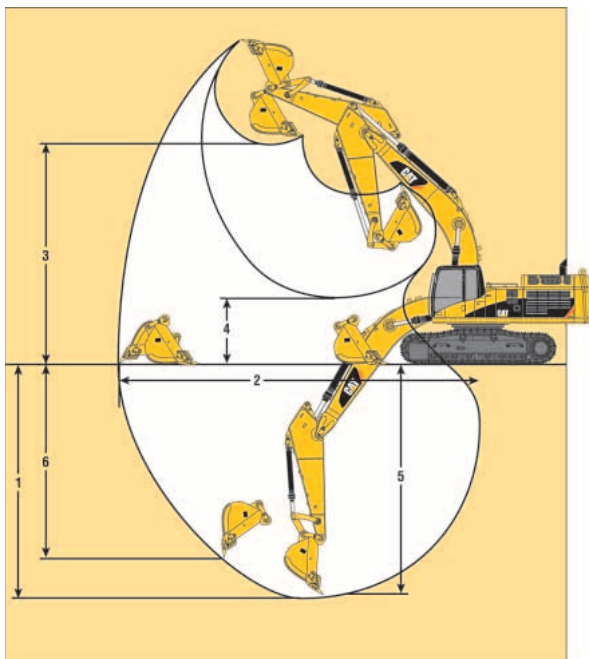
345C L Working Ranges with Pin Grabber Coupler – Long Fixed Gauge Undercarriage

	Reach Boom	
Stick	R3.35TB (11'0")	R2.9TB (9'6")
Bucket with TB-Family Coupler	GP-C 1.9 m³ (2.46 yd³)	GP-C 1.9 m³ (2.46 yd³)
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

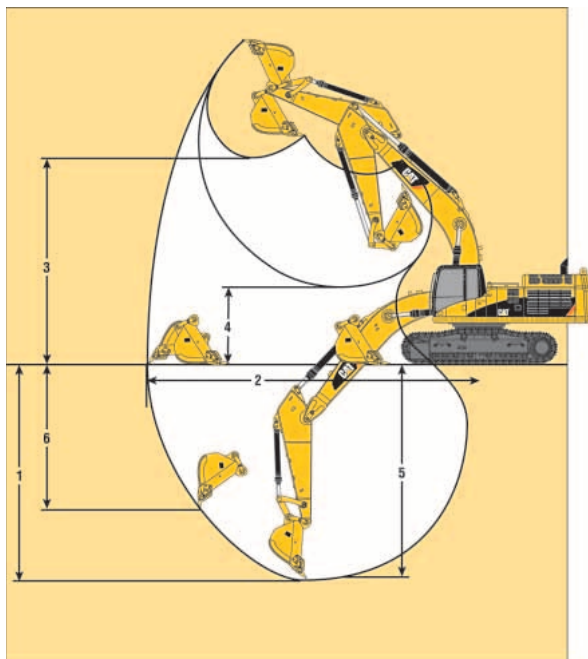
Reach Working Ranges

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 m³ (2.46 yd³)	GP-C 1.9 m³ (2.46 yd³)	GP-C 1.9 m³ (2.46 yd³)	GP-C 1.9 m³ (2.46 yd³)	GP-C 1.9 m³ (2.46 yd³)	GP-C 1.9 m³ (2.46 yd³)	HD 2.8 m³ (3.70 yd³)	HD 2.8 m³ (3.70 yd³)
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 m³ (2.46 yd³)	GP-C 1.9 m³ (2.46 yd³)
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")

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.

345C L Hydraulic Excavator

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		

345C L Hydraulic Excavator

345C L Bucket Specifications and Compatibility

Fixed 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	◐	◐	●	●	◐	○

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

	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

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 Radius
Over Front



Load Radius
Over Side



Load at Maximum
Reach – Bucket Curled



Load at
Maximum Reach

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)

		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			m ft
10.5 m 35.0 ft	kg lb														*4170	*4170	9.77
9.0 m 30.0 ft	kg lb							*6580 *12,950	*6580 *12,950			*5220 *11,550	*5220 *11,550	9.43 30.57	*3940 *8700	*3940 *8700	10.98 35.70
7.5 m 25.0 ft	kg lb							*7060 *15,450	6620 14,100			*5080 *11,200	4750 10,600	10.37 33.81	*3870 *8550	3700 8300	11.82 38.58
6.0 m 20.0 ft	kg lb							*7470 *16,300	6440 13,750	*7060 *14,300	4570 9,700	*5100 *11,250	4020 8,950	11.03 36.06	*3910 *8600	3190 7,100	12.37 40.50
4.5 m 15.0 ft	kg lb					*9230 *20,000	8690 18,650	*8120 *17,650	6150 13,150	*7380 *16,100	4430 9,400	*5270 *11,600	3570 7,900	11.45 37.51	*4050 *8900	2870 6,350	12.69 41.60
3.0 m 10.0 ft	kg lb	*18 480 *39,650	*18 480 *39,650	*13 220 *28,500	11 740 25,300	*10 510 *22,750	8080 17,350	*8880 *19,250	5800 12,450	7690 16,450	4230 9,000	*5580 *12,250	3300 7,300	11.66 38.24	*4290 *9450	2710 5,950	12.80 41.98
1.5 m 5.0 ft	kg lb	*21 970 *47,350	16 590 35,750	*15 210 *32,850	10 700 23,050	*11 710 *25,300	7490 16,100	*9610 *20,800	5450 11,700	7470 16,000	4030 8,600	*6060 *13,350	3170 7,000	11.67 38.30	*4660 *10,250	2670 5,900	12.69 41.65
Ground Line	kg lb	*18 630 *43,150	15 500 33,350	*16 520 *35,700	9970 21,450	*12 600 *27,250	7020 15,100	9470 20,350	5160 11,050	7280 15,600	3850 8,250	6210 13,700	3190 7,050	11.49 37.69	*5180 *11,450	2760 6,100	12.38 40.61
-1.5 m -5.0 ft	kg lb	*20 530 *45,700	15 100 32,400	*17 000 *36,800	9550 20,550	12 460 26,750	6720 14,400	9250 19,850	4950 10,600	7160 15,350	3740 8,000	6520 14,400	3360 7,450	11.10 36.38	5910 13,050	3010 6,650	11.83 38.79
-3.0 m -10.0 ft	kg lb	*20 880 *46,500	15 080 32,350	*16 660 *36,050	9420 20,250	12 310 26,450	6580 14,150	9150 19,650	4870 10,450			7180 15,900	3750 8,300	10.47 34.28	6700 14,850	3510 7,800	11.03 36.07
-4.5 m -15.0 ft	kg lb	*20 480 *44,250	15 330 32,900	*15 450 *33,300	9500 20,400	*11 970 *25,700	6620 14,250	9220 *19,750	4930 10,600			*8260 *18,250	4460 9,950	9.57 31.24			
-6.0 m -20.0 ft	kg lb	*17 090 *36,600	15 830 34,050	*13 060 *27,850	9800 21,100	*9910 *20,900	6860 14,800					*8270 *18,200	5870 13,250	8.3 26.93			

* 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)

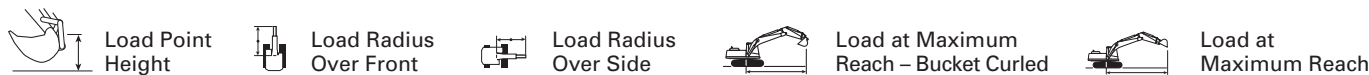
		4.5 m/15.0 ft		6.0 m/20.0 ft		7.5 m/25.0 ft		9.0 m/30.0 ft		10.5 m/35.0 ft							
														m ft			m ft
9.0 m 30.0 ft	kg lb											*6030 *13,350	*6030 *13,350	8.97 29.06	*4500 *9950	*4500 *9950	10.54 34.25
7.5 m 25.0 ft	kg lb							*7530 *16,550	6530 13,900			*5860 *12,950	5170 11,600	9.96 32.46	*4420 *9750	4010 8950	11.42 37.27
6.0 m 20.0 ft	kg lb							*7900 *17,250	6380 13,650	*6670	4510	*5880 *12,950	4360 9,700	10.64 34.80	*4460 *9800	3450 7,650	11.99 39.26
4.5 m 15.0 ft	kg lb					*9740 *21,100	8580 18,450	*8510 *18,500	6100 13,050	*7720 16,800	4400 9,350	*6080 *13,350	3860 8,550	11.08 36.30	*4620 *10,150	3110 6,900	12.33 40.40
3.0 m 10.0 ft	kg lb	*19 680 *42,200	18 060 39,000	*13 890 *29,950	11 520 24,850	*10 970 *23,700	7990 17,200	*9230 *20,000	5770 12,350	7680 16,450	4220 9,000	*6440 *14,150	3570 7,900	11.30 37.05	*4890 *10,750	2930 6,450	12.43 40.79
1.5 m 5.0 ft	kg lb	*19 060 *45,450	16 210 34,950	*15 730 *33,950	10 550 22,750	*12 080 *26,150	7430 16,000	9780 21,000	54400 11,650	7480 16,050	4040 8,600	6530 14,400	3440 7,600	11.31 37.11	*5290 *11,650	2890 6,350	12.33 40.45
Ground Line	kg lb	*17 530 *40,600	15 360 33,000	*16 820 *36,400	9890 21,300	12 770 27,450	7000 15,050	9480 20,350	5170 11,100	7310 15,700	3890 8,300	6620 14,600	3470 7,650	11.12 36.48	5840 12,850	3000 6,600	12.40 39.37
-1.5 m -5.0 ft	kg lb	*20 900 *47,900	15 110 32,450	*17 080 *36,950	9560 20,550	12 480 26,800	6740 14,500	9290 19,950	5000 10,700	7220 15,500	3810 8,150	6990 15,450	3670 8,100	10.71 35.13	6330 13,950	3290 7,300	11.44 37.49
-3.0 m -10.0 ft	kg lb	*22 050 *47,750	15 190 32,600	*16 500 *35,700	9490 20,400	12 380 26,600	6650 14,300	9240 19,850	4950 10,650			7740 17,150	4110 9,100	10.07 32.95	*7240 *15,950	3860 8,550	10.59 34.65
-4.5 m -15.0 ft	kg lb	*19 660 *42,450	15 510 33,350	*15 020 *32,350	9630 20,700	*11 660 *25,000	6740 14,500	*8860	5060			*8610 *19,000	4960 11,050	9.13 29.77			
-6.0 m -20.0 ft	kg lb	*15 850 *33,850	*15 850 *33,850	*12 230 *25,950	9990 21,550	*9090 *18,900	7060 15,250					*8460 *18,600	6680 15,100	7.78 25.19			

* 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.

Always refer to the appropriate Operation and Maintenance Manual for specific product information.

345C L Hydraulic Excavator

Reach Boom Lift Capacities



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			m ft
9.0 m	kg											*6380	*6380	7.85	*4550	*4550	9.44
30.0 ft	lb							*15,450	*15,450			*14,200	*14,200	25.32	*10,100	*10,100	30.59
7.5 m	kg											*6030	*6030	8.96	*4370	*4370	10.44
25.0 ft	lb											*13,350	*13,350	29.16	*9650	*9650	34.02
6.0 m	kg							*9530	9070	*8860	6350	*5970	5350	9.72	*4360	4220	11.08
20.0 ft	lb							*20,750	19,450	*19,400	13,550	*13,150	11,900	31.75	*9600	9,400	36.24
4.5 m	kg					*12 520	*12 520	*10 540	8660	*9340	6170	*6100	4720	10.19	*4460	3810	11.44
15.0 ft	lb					*27,050	*27,050	*22,850	18,600	*20,350	13,200	*13,450	10,450	33.39	*9850	8,450	37.50
3.0 m	kg			*20 570	18 450	*14 670	11 760	*11 710	8170	*9970	5910	*6430	4380	10.43	*4700	3610	11.56
10.0 ft	lb			*44,150	39,800	*31,650	25,350	*25,350	17,550	*21,650	12,650	*14,150	9,700	34.21	*10,350	7,950	37.92
1.5 m	kg			*23 540	16 820	*16 480	10 920	*12 780	7700	9990	5650	*6980	4250	10.45	*5070	3600	11.44\
5.0 ft	lb			*50,900	36,250	*35,600	23,500	*27,650	16,550	21,450	12,100	*15,350	9,400	34.28	*11,150	7,950	37.56
Ground Line	kg			*21 980	16 090	*17 500	10 360	13 130	7340	9760	5440	*7830	4330	10.24	*5640	3770	11.09
	lb			*51,050	34,600	*37,850	22,300	28,200	15,800	20,950	11,700	*17,250	9,550	33.60	*12,450	8,300	36.38
1.5 m	kg	*13 850	*13 850	*23 000	15 920	*17 590	10 100	12 910	7150	9640	5340	8430	4640	9.80	*6500	4210	10.47
-5.0 ft	lb	*31,300	*31,300	*51,300	34,200	*38,050	21,700	27,750	15,350	20,750	11,450	18,600	10,250	32.11	*14,350	9,300	34.29
-3.0 m	kg	*21 050	*21 050	*22 180	16 070	*16 690	10 090	12 890	7130	9690	5380	9560	5310	9.08	*7900	5060	9.52
-10.0 ft	lb	*46,700	*46,700	*48,000	34,500	*36,050	21,700	27,700	15,350			21,200	11,750	29.71	*17,450	11,250	31.10
-4.5 m	kg	*22 160	*22 160	*19 050	16 470	*14 540	10 310	*10 910	7320			*9590	6640	8.03			
-15.0 ft	lb	*49,250	*49,250	*41,000	35,400	*31,200	22,200	*23,100	15,800			*21,100	14,850	26.13			
-6.0 m	kg			*13 710	*13 710	*10 060	*10 060										
-20.0 ft	lb			*28,850	*28,850	*20,650	*20,650										

* 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)

		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			m ft
9.0 m	kg											*5830	*5830	8.41	*4300	*4300	9.99
30.0 ft	lb											*12,950	*12,950	27.20	*9550	*9550	32.41
7.5 m	kg							*7540	6550			*5570	*5570	9.46	*4170	*4170	10.92
25.0 ft	lb							*14,900	13,950			*12,300	*12,300	30.81	*9200	*9200	35.63
6.0 m	kg							*8220	6470			*5540	4920	10.18	*4170	3900	11.53
20.0 ft	lb							*18,000	13,800			*12,200	10,950	33.27	*9200	8,650	37.73
4.5 m	kg					*9830	8810	*8790	6260	*6570	4490	*5680	4360	10.63	*4300	3520	11.88
15.0 ft	lb					*21,300	18,900	*19,150	13,400			*12,500	9,650	34.83	*9450	7,800	38.93
3.0 m	kg	*18 900	*18 900	*13 740	12 020	*11 090	8290	*9500	5970	7820	4360	*6000	4040	10.86	*4540	3330	11.99
10.0 ft	lb	*40,600	*40,600	*29,650	25,900	*24,000	17,800	*20,600	12,800	*16,250	9,300	*13,200	8,900	35.62	*10,000	7,350	39.34
1.5 m	kg	*22 540	17 270	*15 780	11 100	*12 280	7770	10 020	5670	7650	4210	*6520	3910	10.87	*4920	3300	11.88
5.0 ft	lb	*48,600	37,200	*34,100	23,900	*26,600	16,700	21,500	12,150	16,400	9,000	*14,350	8,650	35.68	*10,850	7,300	38.99
Ground Line	kg	*24 240	16 250	*17 120	10 430	*13 150	7360	9750	5430	7520	4090	*7310	3960	10.68	*5490	3440	11.54
	lb	*52,450	34,950	*37,050	22,450	*28,250	15,800	20,950	11,650	16,150	8,750	*16,100	8,750	35.03	*12,100	7,600	37.86
-1.5 m	kg	*24 150	15 870	*17 560	10 070	12 870	7100	9580	5270			7760	4210	10.25	*6350	3800	10.95
-5.0 ft	lb	*52,600	34,100	*38,000	21,650	27,650	15,250	20,600	11,300			17,100	9,300	33.61	*14,050	8,400	35.88
-3.0 m	kg	*23 030	15 880	*17 050	9970	12 770	7020	9550	5240			8670	4750	9.57	*7710	4490	10.05
-10.0 ft	lb	*49,850	34,100	*36,850	21,450	27,450	15,100	20,550	11,250			19,200	10,550	31.32	*17,150	9,950	32.87
-4.5 m	kg	*20 460	16 170	*15 410	10 100	*11 770	7120					*9400	5800	8.58			
-15.0 ft	lb	*44,100	34,750	*33,150	21,750	*25,150	15,350					*20,750	12,950	27.95			
6.0 m	kg	*16 040	*16 040	*12 020	10 500												
-20.0 ft	lb	*34,050	*34,050	*25,300	22,650												

* 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.

Always refer to the appropriate Operation and Maintenance Manual for specific product information.

345C L Hydraulic Excavator

Reach Boom Lift Capacities



Load Point
Height



Load Radius
Over Front



Load Radius
Over Side



Load at Maximum
Reach – Bucket Curled



Load at
Maximum Reach

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)

	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			m ft	
19.0 m 30.0 ft	kg lb											*5020 *11,150	*5020 *11,150	8.89 28.77	*3750 *8300	*3750 *8300	10.44 33.92
7.5 m 25.0 ft	kg lb						*7430 *15,650	6650 14,150				*4810 *10,600	*4810 *10,600	9.88 32.20	*3630 *8000	*3630 *8000	11.33 36.98
6.0 m 20.0 ft	kg lb						*7740 *16,950	6540 13,950	*5150 4610			*4780 *10,550	4530 10,100	10.57 34.56	*3640 *8000	3610 *8000	11.91 38.99
4.5 m 15.0 ft	kg lb					*9270 *20,100	8910 19,150	*8350 *18,200	6310 13,500	*7350 *14,550	4530 9,600	*4910 *10,800	4030 8,950	11.01 36.06	*3760 *8250	3270 7,250	12.25 40.15
3.0 m 10.0 ft	kg lb	*17 610 *37,850	*17 610 *37,850	*13 010 *28,100	12 220 26,300	*10 590 *22,950	8370 18,000	*9110 *19,800	6000 12,850	7830 16,750	4370 9,300	*5180 *11,400	3740 8,250	11.23 36.82	*3970 *8750	3090 6,800	12.36 40.54
1.5 m 5.0 ft	kg lb	*21 630 *46,600	17 640 38,000	*15 200 *32,850	11 250 24,200	*11 870 *25,700	7830 16,850	*9870 *21,400	5690 12,200	7650 16,400	4200 8,950	*5620 *12,350	3620 8,000	11.24 36.89	*4310 *9500	3050 6,750	12.25 40.20
Ground Line	kg lb	*23 370 *51,550	16 410 35,300	*16 760 *36,250	10 510 22,600	*12 870 *27,850	7380 15,850	9740 20,900	5410 11,600	7480 16,050	4050 8,650	*6280 *13,850	3650 8,050	11.05 36.25	*4820 *10,600	3170 7,000	11.92 39.11
-1.5 m -5.0 ft	kg lb	*22 130 *49,400	15 880 34,100	*17 440 *37,750	10 070 21,650	12 850 27,600	7080 15,200	9540 20,500	5220 11,200	7390 15,950	3960 8,550	7230 15,950	3870 8,550	10.64 34.89	*5570 *12,300	3480 7,700	11.35 37.21
-3.0 m -10.0 ft	kg lb	*22 400 *50,000	15 790 33,900	*17 200 *37,200	9900 21,300	12 700 27,300	6940 14,900	9460 20,350	5150 11,050			8010 17,750	4330 9,600	9.99 32.69	*6740 *14,950	4070 9,050	10.50 34.34
-4.5 m -15.0 ft	kg lb	*21 310 *45,950	16 000 34,350	*15 900 *34,250	9970 21,450	*12 180 *26,100	6990 15,050	*9110 20,500	5250			*9020 *19,900	5220 11,650	9.04 29.48			
-6.0 m -20.0 ft	kg lb	*17 450 *37,250	16 500 35,500	*13 080 *27,750	10 290 22,200	*9460	7280					*9000 *19,800	7030 15,900	7.68 24.86			

* 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.



Load Point
Height



Load Radius
Over Front



Load Radius
Over Side



Load at
Maximum Reach

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							*16,650 *16,650				*6920 *15,400	*6920 *15,400	7.85 25.32
7.5 m 25.0 ft	kg lb											*6530 *14,450	*6530 *14,450	8.96 29.16
6.0 m 20.0 ft	kg lb							*10 110 *22,050	9530 20,500	*9480 *20,800	6860 14,700	*6430 *14,200	5890 13,100	9.72 31.75
4.5 m 15.0 ft	kg lb					*13 070 *28,250	*13 070 *28,250	*11 120 *24,150	9130 19,650	*9950 *21,700	6670 14,300	*6530 *14,400	5260 11,650	10.19 33.39
3.0 m 10.0 ft	kg lb			*21 220 *45,600	18 960 40,950	*15 270 *33,000	12 240 26,400	*12 310 *26,700	8650 18,650	*10 580 *23,000	6410 13,800	*6830 *15,000	4920 10,850	10.43 34.21
1.5 m 5.0 ft	kg lb			*24 330 *52,600	17 480 37,650	*17 130 *37,050	11 450 24,700	*13 400 *29,000	8210 17,650	10 480 22,550	6160 13,250	*7340 *16,150	4790 10,550	10.45 34.28
Ground Line	kg lb			*22 680 *52,100	16 810 36,150	*18 190 *39,350	10 930 23,550	13 640 29,350	7870 16,950	10 260 22,100	5960 12,800	*8150 *17,950	4860 10,700	10.24 33.60
-1.5 m -5.0 ft	kg lb	*14 390 *32,500	*14 390 *32,500	*23 280 *52,050	16 640 35,750	*18 280 *39,600	10 680 23,000	13 430 28,850	7680 16,550	10 150 21,850	5860 12,600	8940 19,750	5160 11,400	9.80 32.11
-3.0 m -10.0 ft	kg lb	*20 650 *45,700	*20 650 *45,700	*22 960 *49,750	16 740 36,000	*17 380 *37,600	10 660 22,950	13 400 28,800	7660 16,500	10 190 22,300	5890 12,900	10 060 22,300	5820 12,900	9.08 29.71
-4.5 m -15.0 ft	kg lb	*22 190 *49,400	*22 190 *49,400	*19 780 *42,600	17 090 36,750	*15 200 *32,650	10 860 23,400	*11 540 *24,450	7830 16,900			*10 200 *22,450	7140 15,950	8.03 26.13
-6.0 m -20.0 ft	kg lb			*14 380 *30,300	*14 380 *30,300	*10 680 *21,950	*10 680 *21,950					*9410 *20,500	*9410 *20,500	6.45 20.75

* 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.

Always refer to the appropriate Operation and Maintenance Manual for specific product information.

345C L Hydraulic Excavator

Reach Boom Lift Capacities



Load Point
Height



Load Radius
Over Front



Load Radius
Over Side



Load at
Maximum Reach

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													*6380	*6380	8.41
	lb													*14,150	*14,150	27.20
7.5 m 25.0 ft	kg								*8050	7090				*6090	*6090	9.46
	lb								*16,050	15,100				*13,450	*13,450	30.81
6.0 m 20.0 ft	kg								*8840	6980				*6040	5460	10.18
	lb								*19,350	14,950				*13,300	12,150	33.27
4.5 m 15.0 ft	kg							*10 410	9280	*9400	6760	*7040	5030	*6150	4900	10.63
	lb							*22,600	19,950	*20,500	14,500			*13,550	10,850	34.83
3.0 m 10.0 ft	kg			*19 490	*19 490	*14 330	12 480	*11 690	8770	*10 110	6470	8340	4900	*6440	4580	10.86
	lb			*41,900	*41,900	*30,950	26,900	*25,350	18,900	*22,000	13,900	*17,200	10,450	*14,200	10,100	35.62
1.5 m 5.0 ft	kg			*23 250	17 850	*16 420	11 610	*12 900	8280	10 520	6190	8170	4740	*6930	4450	10.87
	lb			*50,150	38,450	*35,500	25,000	*27,950	17,800	22,600	13,300	17,550	10,150	*15,250	9,800	35.68
Ground Line	kg	*9540	*9540	*25 010	16 910	*17 790	10 990	13 670	7890	10 260	5950	8040	4620	*7680	4490	10.68
	lb	*21,650	*21,650	*54,100	36,350	*38,500	23,650	29,400	16,950	22,050	12,800	*17,150	9,900	*16,950	9,900	35.03
-1.5 m -5.0 ft	kg	*14 410	*14 410	*24 700	16 550	*18 250	10 640	13 390	7640	10 090	5800			8270	4740	10.25
	lb	*32,500	*32,500	*54,300	35,550	*39,500	22,900	28,800	16,450	21,700	12,450			18,250	10,450	33.61
-3.0 m -10.0 ft	kg	*20 360	*20 360	*23 790	16 540	*17 730	10 540	13 290	7550	10 060	5770			9180	5270	9.57
	lb	*45,950	*45,950	*51,500	35,550	*38,350	22,700	28,600	16,250	21,650	12,400			20,350	11,700	31.33
-4.5 m -15.0 ft	kg	*22 480	*22 480	*21 190	16 790	*16 080	10 650	*12 400	7640					*10 030	6320	8.58
	lb	*50,050	*50,050	*45,700	36,100	*34,600	22,950	*26,550	16,500					*22,100	14,100	27.96
-6.0 m -20.0 ft	kg	*22 280	*22 280	*16 720	*16 720	*12 660	11 020							*9800	8580	7.13
	lb	*47,400	*47,400	*35,550	*35,550	*26,700	23,800							*21,500	19,450	23.02

* 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.



Load Point
Height



Load Radius
Over Front



Load Radius
Over Side



Load at Maximum
Reach – Bucket Curled



Load at
Maximum Reach

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)

		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							*6830 *13,650	*6830 *13,650			*5200 *11,500	*5200 *11,500	9.53 30.93	*4140 *9200	*4140 *9200	9.91 31.97
7.5 m 25.0 ft	kg lb							*7080 *15,500	*7080 *15,500			*5070 *11,200	*5070 *11,200	10.45 34.07	*3930 *8700	*3930 *8700	11.07 36.02
6.0 m 20.0 ft	kg lb							*7520 *16,400	7170 15,350	*7080 *14,800	5170 11,000	*5110 *11,250	4540 10,100	11.08 36.23	*3870 *8550	*3870 *8550	11.88 38.80
4.5 m 15.0 ft	kg lb					*9350 *20,250	*9350 *20,250	*8190 *17,800	6870 14,750	*7420 *16,150	5020 10,700	*5290 *11,650	4080 9,050	11.48 37.61	*3920 *8600	3650 8,100	12.41 40.64
3.0 m 10.0 ft	kg lb	*18 890 *40,550	*18 890 *40,550	*13 430 *28,950	12 980 27,950	*10 630 *23,000	8990 19,350	*8950 *19,400	6520 13,950	*7850 *17,050	4820 10,300	*5610 *12,350	3810 8,400	11.67 38.28	*4070 *8950	3330 7,350	12.71 41.67
1.5 m 5.0 ft	kg lb	*22 120 *47,850	18 610 40,100	*15 380 *33,200	11 950 25,750	*11 810 *25,550	8400 18,050	*9670 *20,950	6170 13,200	7830 16,800	4620 9,850	*6110 *13,450	3700 8,150	11.66 38.27	*4320 *9500	3170 7,000	12.79 41.98
Ground Line	kg lb	*18 660 *43,150	17 570 37,750	*16 600 *35,900	11 230 24,150	*12 660 *27,400	7940 17,050	9900 21,250	5870 12,600	7640 16,400	4450 9,500	6560 14,450	3740 8,250	11.46 37.60	*4700 *10,350	3150 6,950	12.67 41.58
-1.5 m -5.0 ft	kg lb	*20 530 *45,700	17 210 36,950	*17 010 *36,800	10 850 23,300	13 020 27,950	7650 16,450	9690 20,800	5680 12,200	7530 16,150	4340 9,300	6920 15,300	3960 8,750	11.05 36.22	*5240 *11,550	3270 7,200	12.34 40.47
-3.0 m -10.0 ft	kg lb	*20 960 *46,650	17 220 36,950	*16 590 *35,850	10 730 23,050	*12 820 *27,650	7530 16,200	9610 20,650	5610 12,050			7640 16,900	4410 9,750	10.40 34.04	*6040 *13,350	3570 7,900	11.77 38.58
-4.5 m -15.0 ft	kg lb	*20 220 *43,650	17 500 37,550	*15 280 *32,900	10 830 23,300	*11 830 *25,400	7580 16,300	*9120 *19,350	5680 12,250			*8280 *18,250	5250 11,700	9.47 30.89	*6980 *15,400	4150 9,200	10.93 35.76
-6.0 m -20.0 ft	kg lb	*16 670 *35,650	*16 670 *35,650	*12 750 *27,150	11 160 24,050	*9610 *20,150	7850 16,950					*8250 *18,150	6920 15,600	8.16 26.43			

* 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.

Always refer to the appropriate Operation and Maintenance Manual for specific product information.

345C L Hydraulic Excavator

Reach Boom Lift Capacities



Load Point
Height



Load Radius
Over Front



Load Radius
Over Side



Load at Maximum
Reach – Bucket Curled



Load at
Maximum Reach

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)

	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			m ft	
9.0 m 30.0 ft	kg lb											*5790 *12,850	*5790 *12,850	8.53 27.61	*4280 *9500	*4280 *9500	10.10 32.78
7.5 m 25.0 ft	kg lb						*7810 *15,650	7310 15,550				*5560 *12,250	*5560 *12,250	9.54 31.09	*4160 *9200	*4160 *9200	10.99 35.87
6.0 m 20.0 ft	kg lb						*8270 *18,100	7210 15,400				*5540 *12,200	5480 12,200	10.23 33.45	*4180 *9200	*4180 *9200	11.57 37.88
4.5 m 15.0 ft	kg lb					*9950 *21,550	9740 20,900	*8850 *19,250	6980 14,950	*6800 5090		*5710 *12,550	4920 10,900	10.66 34.94	*4320 *9500	4020 8,900	11.90 39.00
3.0 m 10.0 ft	kg lb	*19 320 *41,500	*19 320 *41,500	*13 960 *30,100	13 280 28,600	*11 210 *24,250	9200 20,750	*9570 *20,750	6690 14,350	8180 *16,550	4960 10,600	*6040 *13,300	4600 10,150	10.87 35.66	*4570 *10,050	3840 8,450	11.99 39.34
1.5 m 5.0 ft	kg lb	*22 790 *49,150	19 300 41,550	*15 950 *34,450	12 360 26,600	*12 380 *26,800	8690 18,700	*10 240 *22,200	6390 13,700	8010 17,200	4810 10,300	*6580 *14,500	4490 9,900	10.86 35.65	*4970 *10,950	3830 8,450	11.86 38.91
Ground Line	kg lb	*24 310 *52,600	18 340 39,400	*17 200 *37,200	11 710 25,200	*13 210 *28,600	8280 17,800	10 180 21,900	6150 13,200	7890 4690		*7400 *16,300	4570 10,100	10.65 34.93	*5560 *12,250	4010 8,850	11.49 37.71
-1.5 m -5.0 ft	kg lb	*24 170 *52,450	18 000 38,650	*17 550 *38,000	11 370 24,450	13 430 28,850	8040 17,300	10 030 21,550	6000 12,900			8210 18,150	4880 10,750	10.20 33.43	*6450 *14,250	4430 9,800	10.87 35.64
-3.0 m -10.0 ft	kg lb	*22 840 *49,450	18 040 38,750	*16 940 *36,600	11 290 24,300	*13 070 *28,200	7970 17,150	10 010 21,550	5990 12,900			9230 20,450	5520 12,200	9.49 31.06	*7830 *17,250	5240 11,600	9.95 32.52
-4.5 m -15.0 ft	kg lb	*20 130 *43,400	18 370 39,450	*15 180 *32,600	11 450 24,650	*11 550 *24,650	8090 17,450					*9410 *20,750	6760 15,100	8.46 27.56			
-6.0 m -20.0 ft	kg lb	*15 470 *32,800	*15 470 *32,800	*11 540 *24,200	*11 540 *24,200												

* 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.



Load Point
Height



Load Radius
Over Front



Load Radius
Over Side



Load at
Maximum Reach

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 – 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							*18,050 *18,050				*6860 *15,250	*6860 *15,250	7.98 25.76
7.5 m 25.0 ft	kg lb									*6880 *6880		*6510 *14,400	*6510 *14,400	9.05 29.46
6.0 m 20.0 ft	kg lb							*10 190 *22,200	*10 190 *22,200	*9510 *20,850	7600 16,300	*6430 *14,200	*6430 *14,200	9.78 31.95
4.5 m 15.0 ft	kg lb					*13 280 *28,700	*13 280 *28,700	*11 230 *24,400	10 050 21,650	*10 010 *21,800	7390 15,900	*6550 *14,450	5850 12,950	10.23 33.50
3.0 m 10.0 ft	kg lb			*21 610 *46,450	20 980 45,250	*15 480 *33,400	13 500 29,100	*12 430 *26,950	9570 20,600	*10 640 *23,100	7130 15,350	*6870 *15,100	5510 12,150	10.44 34.25
1.5 m 5.0 ft	kg lb			*23 620 *53,000	19 540 42,100	*17 280 *37,350	12 720 27,400	*13 480 *29,200	9120 19,650	10 910 23,450	6880 14,800	*7400 *16,300	5390 11,900	10.44 34.25
Ground Line	kg lb	*8480 *19,300	*8480 *19,300	*22 950 *51,950	18 920 40,650	*18 240 *39,500	12 220 26,300	*14 140 *30,500	8800 18,950	10 700 23,050	6690 14,400	*8250 *18,200	5500 12,150	10.21 33.49
-1.5 m -5.0 ft	kg lb	*15 040 *33,950	*15 040 *33,950	*23 350 *52,200	18 780 40,350	*18 240 *39,500	11 990 25,800	*13 990 *30,100	8620 18,550	10 600 22,800	6590 14,200	9430 20,800	5880 12,950	9.74 31.93
-3.0 m -10.0 ft	kg lb	*20 740 *45,950	*20 740 *45,950	*22 720 *49,200	18 910 40,600	*17 230 *37,250	11 990 25,800	*13 420 *28,900	8610 18,550			*10 270 *22,650	6650 14,750	9.00 29.43
-4.5 m -15.0 ft	kg lb	*22 430 *50,000	*22 430 *50,000	*19 380 *41,700	19 290 41,450	*14 900 *31,950	12 210 26,300	*11 220 *23,700	8810 19,050			*10 170 *22,400	8210 18,350	7.9 25.71
-6.0 m -20.0 ft	kg lb			*13 660 *29,800	*13 660 *29,800	*9980 *9980						*9240 *9240		6.26

* 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.

Always refer to the appropriate Operation and Maintenance Manual for specific product information.

345C L Hydraulic Excavator

Reach Boom Lift Capacities



Load
Point
Height



Load
Point
Height



Load Radius
Over Front



Load Radius
Over Side



Load at
Maximum
Reach



Load at Maximum
Reach –
Bucket Curled



Load at
Maximum
Reach

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

		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											*6340 *14,050	*6340 *14,050	8.53 27.61
7.5 m 25.0 ft	kg lb							*8310 *16,750	7840 16,750			*6080 *13,450	*6080 *13,450	9.54 31.09
6.0 m 20.0 ft	kg lb							*8880 *19,450	7720 16,550			*6040 *13,300	6030 *13,300	10.23 33.45
4.5 m 15.0 ft	kg lb					*10 530 *22,850	10 200 21,950	*9460 *20,600	7480 16,050	*7260 5630		*6170 *13,600	5460 12,100	10.66 34.94
3.0 m 10.0 ft	kg lb	*19 920 *42,800	*19 920 *42,800	*14 550 *31,400	13 740 29,600	*11 810 *25,600	9680 20,850	*10 180 *22,150	7190 15,450	8700 *17,500	5490 11,750	*6480 *14,250	5140 11,350	10.87 35.66
1.5 m 5.0 ft	kg lb	*23 510 *50,700	19 900 42,850	*16 590 *35,850	12 870 27,750	*13 000 *28,150	9190 19,800	*10 870 23,550	6900 14,850	8530 18,350	5340 11,450	*6990 *15,400	5030 11,100	10.87 35.65
Ground Line	kg lb	*25 080 *54,250	19 000 40,850	*17 870 *38,700	12 270 26,400	*13 850 *30,000	8810 18,950	10 690 23,000	6670 14,350	8410 5220		*7780 *17,150	5100 11,250	10.65 34.93
-1.5 m -5.0 ft	kg lb	*24 720 *54,150	18 680 40,100	*18 240 *39,500	11 940 25,700	13 950 30,000	8570 18,450	10 540 22,650	6530 14,050			8730 19,250	5410 11,950	10.20 33.43
-3.0 m -10.0 ft	kg lb	*23 600 *51,100	18 700 40,150	*17 630 *38,100	11 860 25,550	*13 710 *29,600	8500 18,300	10 520 22,650	6510 14,050			9730 21,550	6040 13,350	9.49 31.06
-4.5 m -15.0 ft	kg lb	*20 860 *44,950	18 980 40,800	*15 840 *34,100	12 000 25,850	*12 190 *26,050	8610 18,600					*10 030 *22,100	7270 16,200	8.46 27.56
-6.0 m -20.0 ft	kg lb	*16 140 *34,250	*16 140 *34,250	*12 170 *25,550	*12 170 *25,550							*9730 *21,300	*9730 *21,300	6.96 22.43

* 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 – 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)

		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			m ft	
10.5 m 35.0 ft	kg lb													*4140 *9200	*4140 *9200	9.91 31.97	
9.0 m 30.0 ft	kg lb							*6830 *13,650	*6830 *13,650			*5200 *11,500	*5200 *11,500	9.53 30.93	*3930 *8700	*3930 *8700	11.07 36.02
7.5 m 25.0 ft	kg lb							*7080 *15,500	*7080 *15,500			*5070 *11,200	*5070 *11,200	10.45 34.07	*3870 *8550	*3870 *8550	11.88 38.80
6.0 m 20.0 ft	kg lb							*7520 *16,400	*7520 *16,400	*7080 *14,800	6120 13,050	*5110 *11,250	*5110 *11,250	11.08 36.23	*3920 *8600	*3920 *8600	12.41 40.64
4.5 m 15.0 ft	kg lb					*9350 *20,250	*9350 *20,250	*8190 *17,800	8060 17,300	*7420 *16,150	5970 12,750	*5290 *11,650	4910 10,900	11.48 37.61	*4070 *8950	4060 *8950	12.71 41.67
3.0 m 10.0 ft	kg lb	*18 890 *40,550	*18 890 *40,550	*13 430 *28,950	*13 430 *28,950	*10 630 *23,000	10 550 22,700	*8950 *19,400	7690 16,500	*7850 *17,050	5770 12,350	*5610 *12,350	4630 10,200	11.67 38.28	*4320 *9500	3890 8,600	12.79 41.98
1.5 m 5.0 ft	kg lb	*22 120 *47,850	*22 120 *47,850	*15 380 *33,200	14 180 30,500	*11 810 *25,550	9940 21,400	*9670 *20,950	7330 15,750	7980 17,100	5560 11,900	*6110 *13,450	4520 9,950	11.66 38.27	*4700 *9500	3880 8,600	12.67 41.98
Ground Line	kg lb	*18 660 *43,150	*18 660 *43,150	*16 600 *35,900	13 430 28,900	*12 660 *27,400	9470 20,350	10 090 21,650	7040 15,100	7790 16,700	5380 11,550	6700 14,750	4570 10,100	11.46 37.60	*4700 *11,550	3880 8,850	12.67 40.47
-1.5 m -5.0 ft	kg lb	*20 530 *45,700	*20 530 *44,950	*17 010 *36,800	13 030 28,000	*13 030 *28,200	9160 19,700	9880 21,200	6840 14,700	7680 16,500	5270 11,300	7070 15,600	4830 10,650	11.05 36.22	*6040 *13,350	4380 9,650	11.77 38.58
-3.0 m -10.0 ft	kg lb	*20 960 *46,650	*20 960 *45,000	*16 590 *35,850	12 910 27,750	*12 820 *27,650	9040 19,450	9790 21,050	6760 14,550			7800 17,250	5360 11,850	10.40 34.04	*6980 *15,400	5030 11,150	10.93 35.76
-4.5 m -15.0 ft	kg lb	*20 220 *43,650	*20 220 *43,650	*15 280 *32,900	13 010 28,000	*11 830 *25,400	9100 19,600	*9120 *19,350	6840 14,750			*8280 *18,250	6330 14,100	9.47 30.89			
-6.0 m -20.0 ft	kg lb	*16 670 *35,650	*16 670 *35,650	*12 750 *27,150	*12 750 *27,150	*9610 *20,150	9380 *20,150					*8250 *18,150	*8250 *18,150	8.16 26.43			

* 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.

Always refer to the appropriate Operation and Maintenance Manual for specific product information.

345C L Hydraulic Excavator

Reach Boom Lift Capacities



Load Point
Height



Load Radius
Over Front



Load Radius
Over Side



Load at Maximum
Reach – Bucket Curled



Load at
Maximum Reach

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)

		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			m ft	
9.0 m 30.0 ft	kg lb												*5780 *12,850	*5780 *12,850	8.54 27.64	*4280 *9500	*4280 *9500	10.10 32.80
7.5 m 25.0 ft	kg lb							*7830 *15,700	*7830 *15,700				*5550 *12,250	*5550 *12,250	9.55 31.10	*4160 *9200	*4160 *9200	11.00 35.89
6.0 m 20.0 ft	kg lb							*8270 *18,100	*8270 18,000				*5540 *12,200	*5540 *12,200	10.24 33.46	*4180 *9200	*4180 *9200	11.58 37.89
4.5 m 15.0 ft	kg lb					*9950 *21,600	*9950 *21,600	*8860 *19,250	8160 17,500	*6820 6040			*5710 *12,550	*5710 *12,550	10.67 34.95	*4320 *9500	*4320 *9500	11.90 39.01
3.0 m 10.0 ft	kg lb	*19 340 *41,550	*19 340 *41,550	*13 970 *30,150	*13 970 *30,150	*11 220 *24,300	10 760 23,150	*9570 *20,800	7860 16,850	8330 *16,550	5900 12,600		*6040 *13,300	5500 12,150	10.87 35.66	*4580 *10,050	*4580 *10,050	11.99 39.34
1.5 m 5.0 ft	kg lb	*22 810 *49,200	*22 810 *49,200	*15 960 *34,450	14 590 31,400	*12 390 *26,800	10 230 22,000	*10 250 *22,200	7560 16,250	8170 17,500	5740 12,300		*6580 *14,500	5390 11,850	10.86 35.65	*4970 *10,950	4630 10,200	11.85 38.91
Ground Line	kg lb	*24 310 *52,600	22 160 47,550	*17 210 *37,200	13 920 29,950	*13 210 *28,600	9810 21,100	10 370 22,250	7310 15,700	8040	5620		*7410 *16,350	5490 12,100	10.64 34.92	*5570 *12,250	4840 10,650	11.49 37.70
-1.5 m -5.0 ft	kg lb	*24 170 *52,450	21 800 46,750	*17 550 *38,000	13 570 29,150	*13 500 *29,200	9560 20,550	10 210 21,950	7160 15,400				8370 18,500	5850 12,950	10.20 33.42	*6460 *14,300	5320 11,750	10.87 35.62
-3.0 m -10.0 ft	kg lb	*22 830 *49,400	21 840 46,850	*16 940 *36,600	13 490 29,000	*13 060 *28,150	9490 20,400	*10 180 *21,800	7150 15,400				*9270 *20,450	6600 14,600	9.49 31.04	*7830 *17,250	6260 13,900	9.94 32.49
-4.5 m -15.0 ft	kg lb	*20 110 *43,350	*20 110 *43,350	*15 160 *32,600	13 650 29,350	*11 540 *24,600	9620 20,750						*9410 *20,750	8040 17,950	8.45 27.54			
-6.0 m -20.0 ft	kg lb	*15 420 *32,700	*15 420 *32,700	*11 510 *24,100	*11 510 *24,100													

* 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.



Load Point
Height



Load Radius
Over Front



Load Radius
Over Side



Load at
Maximum Reach

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							*18,050 *18,050				*6860 *15,250	*6860 *15,250	7.98 25.76
7.5 m 25.0 ft	kg lb									*6880 *6880		*6510 *14,400	*6510 *14,400	9.05 29.46
6.0 m 20.0 ft	kg lb							*10 190 *22,200	*10 190 *22,200	*9510 *20,850	8780 18,850	*6430 *14,200	*6430 *14,200	9.78 31.95
4.5 m 15.0 ft	kg lb					*13 280 *28,700	*13 280 *28,700	*11 230 *24,400	*11 230 *24,400	*10 010 *21,800	8570 18,400	*6550 *14,450	*6550 *14,450	10.23 33.50
3.0 m 10.0 ft	kg lb			*21 610 *46,450	*21 610 *46,450	*15 480 *33,400	*15 480 *33,400	*12 430 *26,950	11 120 23,950	*10 640 *23,100	8300 17,850	*6870 *15,100	6450 14,250	10.44 34.25
1.5 m 5.0 ft	kg lb			*23 620 *53,000	23 390 50,300	*17 280 *37,350	14 940 32,150	*13 480 *29,200	10 660 22,950	11 100 23,850	8050 17,300	*7400 *16,300	6340 13,950	10.44 34.25
Ground Line	kg lb	*8480 *19,300	*8480 *19,300	*22 950 *51,950	22 730 48,800	*18 240 *39,500	14 420 31,050	*14 140 *30,600	10 320 22,200	10 890 23,450	7850 16,900	*8250 *18,200	6470 14,250	10.21 33.49
-1.5 m -5.0 ft	kg lb	*15 040 *33,950	*15 040 *33,950	*23 350 *52,200	22 580 48,450	*18 240 *39,500	14 180 30,500	*14 190 *30,600	10 140 21,850	10 780 23,200	7750 16,700	9600 21,200	6910 15,250	9.74 31.93
-3.0 m -10.0 ft	kg lb	*20 740 *45,950	*20 740 *45,950	*22 720 *49,200	*22 720 48,750	*17 230 *37,250	14 180 30,500	*13 420 *28,900	10 130 21,850			*10 270 *22,650	7810 17,300	9.00 29.43
-4.5 m -15.0 ft	kg lb	*22 430 *50,000	*22 430 *50,000	*19 380 *41,700	*19 380 *41,700	*14 900 *31,950	14 410 31,050	*11 220 *23,700	10 340 22,350			*10 170 *22,400	9620 21,500	7.9 25.71
-6.0 m -20.0 ft	kg lb			*13 660 *29,900	*13 660 *29,900	*9980 *21,900	*9980 *21,900					*9240 *20,400	*9240 *20,400	6.26

* 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.

Always refer to the appropriate Operation and Maintenance Manual for specific product information.

345C L Hydraulic Excavator

Mass Boom Lift Capacities



Load Point
Height



Load Radius
Over Front



Load Radius
Over Side



Load at Maximum
Reach – Bucket Curled



Load at
Maximum Reach

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			m ft
9.0 m 30.0 ft	kg lb														*5790 *12,850	*5790 *12,850	8.10 26.08
7.5 m 25.0 ft	kg lb							*9300	8460			*8500 *18,800	8010 18,100	7.67 24.87	*5480 *12,100	*5480 *12,100	9.29 30.23
6.0 m 20.0 ft	kg lb							*9590 *20,900	8500 18,100			*8380 *18,450	6250 13,950	8.54 27.87	*5440 *12,000	4560 10,150	10.02 32.76
4.5 m 15.0 ft	kg lb			*17 100 *36,600	*17 100 *36,600	*12 720 *27,400	12 500 26,850	*10 410 *22,550	8200 17,550	*9070	5440	*8630 *19,000	5310 11,750	9.08 29.72	*5600 *12,300	3970 8,800	10.42 34.14
3.0 m 10.0 ft	kg lb			*20 940 *44,950	18 260 39,450	*14 580 *31,450	11 540 24,850	*11 380 *24,600	7770 16,650	*9470 *20,550	5300 11,250	9100 20,100	4830 10,650	9.35 30.65	*5940 *13,050	3710 8,200	10.54 34.57
1.5 m 5.0 ft	kg lb			*20 320 *49,400	16 650 35,900	*15 980 *34,500	10 700 23,000	*12 190 *26,350	7340 15,750	9640 20,600	5120 10,900	8930 19,700	4680 10,300	9.36 30.72	*6490 *14,300	3730 8,200	10.39 34.09
Ground Line	kg lb			*22 960 *49,800	16 120 34,650	*16 520 *35,750	10 200 21,900	*12 530 *27,100	7030 15,100	9500	4990	9250 20,400	4840 10,700	9.13 29.96	*7350 *16,200	4040 8,900	9.96 32.67
-1.5 m -5.0 ft	kg lb	*15 730 *35,750	*15 730 *35,750	*21 660 *47,000	16 160 34,700	*16 070 *34,750	10 040 21,550	*12 160 *26,200	6920 14,850			*9660 *21,300	5400 11,950	8.63 28.28	*7670 *16,900	4810 10,650	9.21 30.17
-3.0 m -10.0 ft	kg lb	*22 800 *50,400	*22 800 *50,400	*19 120 *41,350	16 550 35,550	*14 420 *31,050	10 180 21,900	*10 520 *22,250	7040 15,150			*9640 *21,250	6600 14,650	7.81 25.51			
-4.5 m -15.0 ft	kg lb			*14 660 *31,300	*14 660 *31,300	*10 690 *22,350	10 680 22,350					*9010 *19,700	*9010 *19,700	6.54 21.21			

* 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			m ft
9.0 m 30.0 ft	kg lb											*6610	*6610	6.99	*4280 *9500	*4280 *9500	8.72 28.17
7.5 m 25.0 ft	kg lb							*8400 *18,450	*8400 *18,450			*6130 *13,550	*6130 *13,550	8.22 26.71	*4030 *8900	*4030 *8900	9.81 31.97
6.0 m 20.0 ft	kg lb							*8840 *19,250	8630 18,400	*6470	5570	*6060 *13,350	5500 12,250	9.04 29.53	*4000 *8800	*4000 *8800	10.50 34.34
4.5 m 15.0 ft	kg lb					*11 780 *25,400	*11 780 *25,400	*9740 *21,100	8280 17,700	*8510 *18,500	5520 11,700	*6250 *13,750	4700 10,400	9.55 31.28	*4120 *9050	3530 7,800	10.88 35.65
3.0 m 10.0 ft	kg lb			*19 590 *42,050	18 910 40,800	*13 780 *29,700	11 710 25,200	*10 810 *23,400	7810 16,700	*9030 *19,550	5320 11,300	*6680 *14,700	4270 9,450	9.81 32.16	*4400 *9650	3290 7,250	10.99 36.06
1.5 m 5.0 ft	kg lb			*22 340 *48,200	17 070 36,750	*15 430 *33,300	10 800 23,200	*11 760 *25,400	7330 15,700	*9490 *20,550	5080 10,850	*7410 *16,300	4130 9,100	9.82 32.23	*4850 *10,650	3280 7,250	10.85 35.60
Ground Line	kg lb			*23 070 *49,950	16 220 34,850	*16 290 *35,200	10 190 21,900	*12 310 *26,600	6970 14,900	9410 20,150	4900 10,450	8340 18,400	4260 9,400	9.60 31.50	*5550 *12,250	3540 7,800	10.44 34.26
-1.5 m -5.0 ft	kg lb	*14 920 *33,800	*14 920 *33,800	*22 290 *48,300	16 050 34,450	*16 190 *35,000	9930 21,300	*12 220 *26,350	6780 14,550	*9220	4830	*8950 *19,750	4700 10,400	9.13 29.91	*6640 *14,700	4150 9,200	9.74 31.91
-3.0 m -10.0 ft	kg lb	*23 050 *51,050	*23 050 *51,050	*20 220 *43,700	16 280 34,950	*14 980 *32,300	9960 21,400	*11 140 *23,800	6810 14,600			*9060 *19,950	5660 12,550	8.35 27.31			
-4.5 m -15.0 ft	kg lb	*21 990 *47,250	*21 990 *47,250	*16 450 *35,250	*16 450 *35,250	*12 130 *25,750	10 310 22,200					*8790 *19,300	7680 17,250	7.19 23.35			

* 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.

Always refer to the appropriate Operation and Maintenance Manual for specific product information.