

345B L Series II Hydraulic Excavator

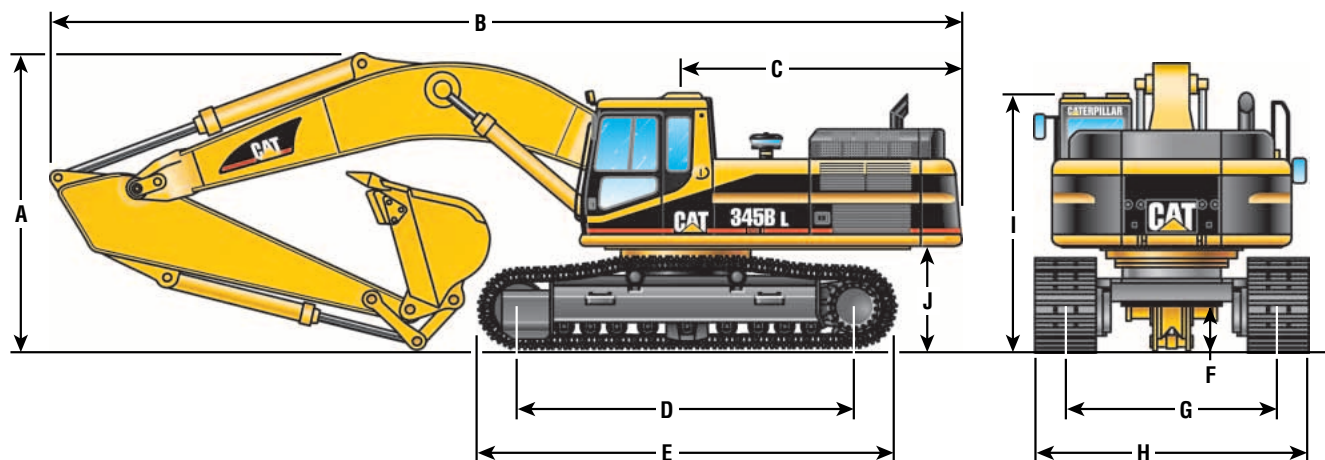
Operating Weight

Operating weight with:	kg	lb
6.9 m (22'8") Reach Boom, 3.9 m (12'10") Stick, 750 mm (30") Track, 1220 mm (48") 1.82 m ³ (2.38 yd ³) GP bucket and 8000 kg (17,600 lbs) counterweight	44 460	97,940
900 mm (36") Track	+750	+1650
Variable Gauge	+2155	+4750
Wide Variable Gauge	+3200	+7050
Counterweight removal	+390	+850
4.8 m (15'9") stick with bucket cylinder and linkage	+420	+930
3.35 m (11") stick with bucket cylinder and linkage	-80	-180
3.0 m (9'10") stick with bucket cylinder and linkage	-132	+290
6.55 m (21'6") mass boom	+386	+850
Special application boom	+550	+1210

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Dimensions

All dimensions are approximate.

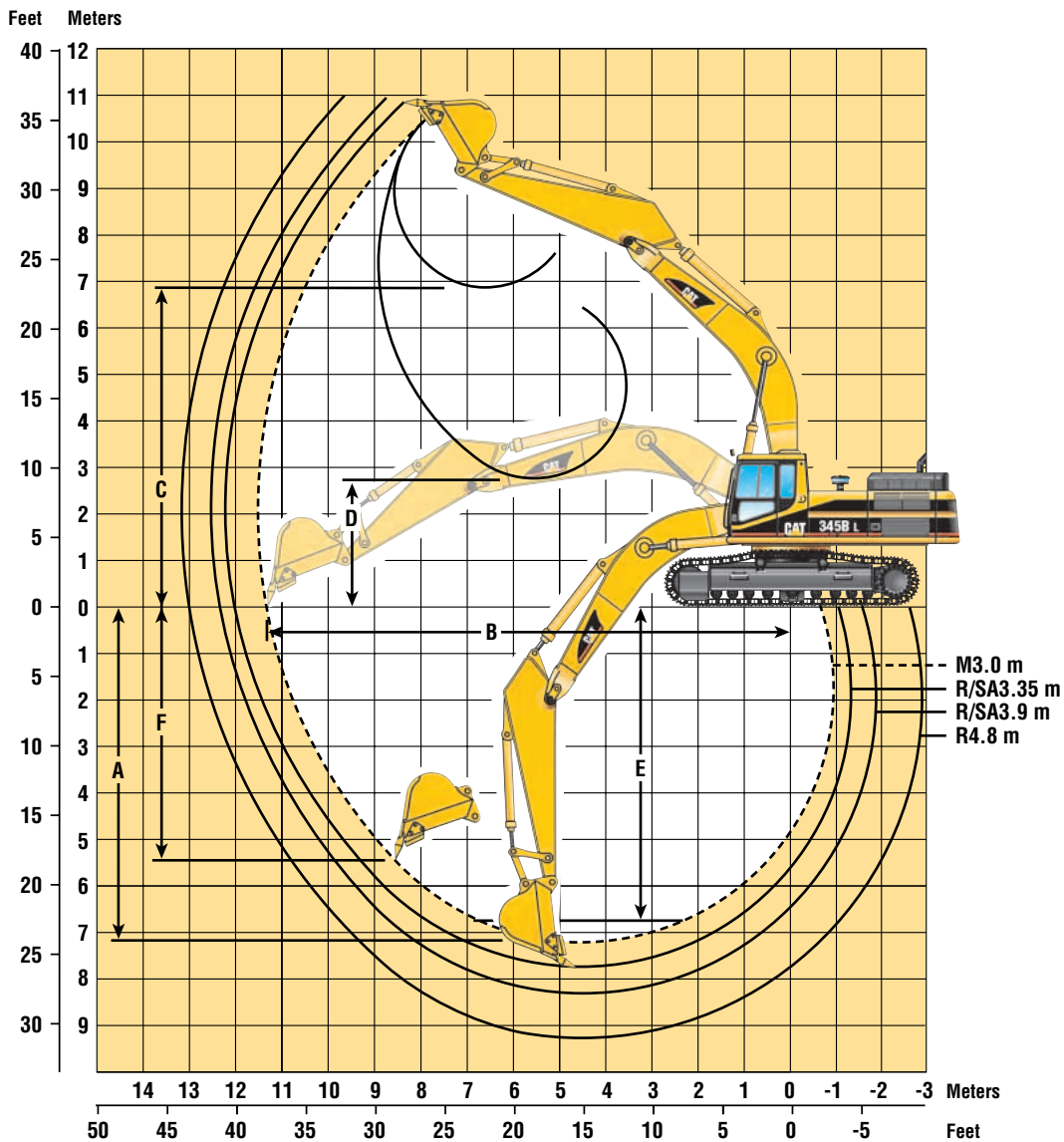


	Reach Boom 6.9 m (22'8") and Special Applications Boom 6.9 m (22'8")	R 4.8 m (15'9")	R/SA 3.9 m (12'10")	R/SA 3.35 m (11'0")
A Shipping height (to top of boom)				
Fixed gauge	4600 mm (15'1")	3760 mm (12'4")	3620 mm (11'11")	
Variable and wide variable gauge	4600 mm (15'1")	3740 mm (12'3")	3610 mm (11'10")	
B Shipping length				
Fixed gauge	11 570 mm (38')	11 790 mm (38'8")	11 760 mm (38'7")	
Variable and wide variable gauge	11 670 mm (38'3")	11 710 mm (38'5")	11 730 mm (38'6")	
C Tail swing radius (Reach and Mass Boom)	3610 mm (11'10")	3610 mm (11'10")	3610 mm (11'10")	
D Length to centers of rollers (Reach and Mass Boom)	4360 mm (14'4")	4360 mm (14'4")	4360 mm (14'4")	
E Track length (Reach and Mass Boom)	5360 mm (17'7")	5360 mm (17'7")	5360 mm (17'7")	
F Ground clearance (Reach and Mass Boom)				
Fixed gauge	510 mm (1'8")	510 mm (1'8")	510 mm (1'8")	
Variable and wide variable gauge	740 mm (2'5")	740 mm (2'5")	740 mm (2'5")	
G Track gauge (Reach and Mass Boom)	750 mm (30") Shoes	900 mm (36") Shoes		
Fixed gauge	2740 mm (9')	2740 mm (9')		
Variable gauge (retracted)	2390 mm (7'10")	2390 mm (7'10")		
Variable gauge (extended)	2890 mm (9'6")	2890 mm (9'6")		
Wide variable gauge (retracted)	2760 mm (9'1")	2760 mm (9'1")		
Wide variable gauge (extended)	3240 mm (10'8")	3240 mm (10'8")		
H Transport width (Reach and Mass Boom)	750 mm (30") Shoes	900 mm (36") Shoes		
Fixed gauge	3490 mm (11'5")	3640 mm (11'11")		
Variable gauge (retracted)	3140 mm (10'4")	3290 mm (10'10")		
Variable gauge (extended)	3640 mm (11'11")	3790 mm (12'5")		
Wide variable gauge (retracted)	3505 mm (11'6")	3658 mm (12'0")		
Wide variable gauge (extended)	3988 mm (13'1")	4140 mm (13'7")		
I Cab height				
Fixed gauge	3251 mm (10'8")	3251 mm (10'8")	3251 mm (10'8")	
Variable and wide variable gauge	3429 mm (11'3")	3429 mm (11'3")	3429 mm (11'3")	
J Counterweight height (to bottom)				
Fixed gauge	1295 mm (4'3")	1295 mm (4'3")	1295 mm (4'3")	
Variable and wide variable gauge	1473 mm (4'10")	1473 mm (4'10")	1473 mm (4'10")	
Mass Boom 6.55 m (21'6")		M 3.0 m (9'10") Stick		
A Shipping height				
Fixed gauge	3730 mm (12'3")			
Variable and wide variable gauge	3570 mm (11'9")			
B Shipping length				
Fixed gauge	11 310 mm (37'1")			
Variable and wide variable gauge	11 310 mm (37'1")			

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Working Ranges — Long Fixed Gauge Undercarriage

Reach (R) Boom, Special Applications (SA) Boom and Mass (M) Boom configurations



Stick Length	R 4.8 m (15'9")*	R/SA 3.9 m (12'10")*	R/SA 3.35 m (11'0")*	M 3.0 m (9'10")**
A Maximum Digging Depth	9.27 m (30'5")	8.32 m (27'4")	7.77 m (25'6")	7.18 m (23'7")
B Maximum Reach at Ground Level	13.0 m (42'8")	12.34 m (40'9")	12.0 m (39'4")	11.32 m (37'2")
C Maximum Loading Height	7.54 m (24'9")	7.3 m (24'0")	7.28 m (23'11")	6.85 m (22'6")
D Minimum Loading Height	1.14 m (3'9")	2.08 m (6'10")	2.63 m (8'8")	2.67 m (8'10")
E Maximum Depth Cut for 2440 mm (8') Level Bottom	9.16 m (30'1")	7.91 m (25'11")	7.36 m (24'2")	6.75 m (22'2")
F Maximum Vertical Wall Digging Depth	7.28 m (23'11")	6.58 m (21'7")	5.74 m (18'10")	5.45 m (17'11")
Bucket Digging Force (SAE)	232 kN (52,200 lb)	232 kN (52,200 lb)	232 kN (52,200 lb)	261 kN (58,700 lb)
Stick Digging Force (SAE)	156 kN (35,100 lb)	178 kN (40,100 lb)	192 kN (43,200 lb)	202 kN (45,500 lb)

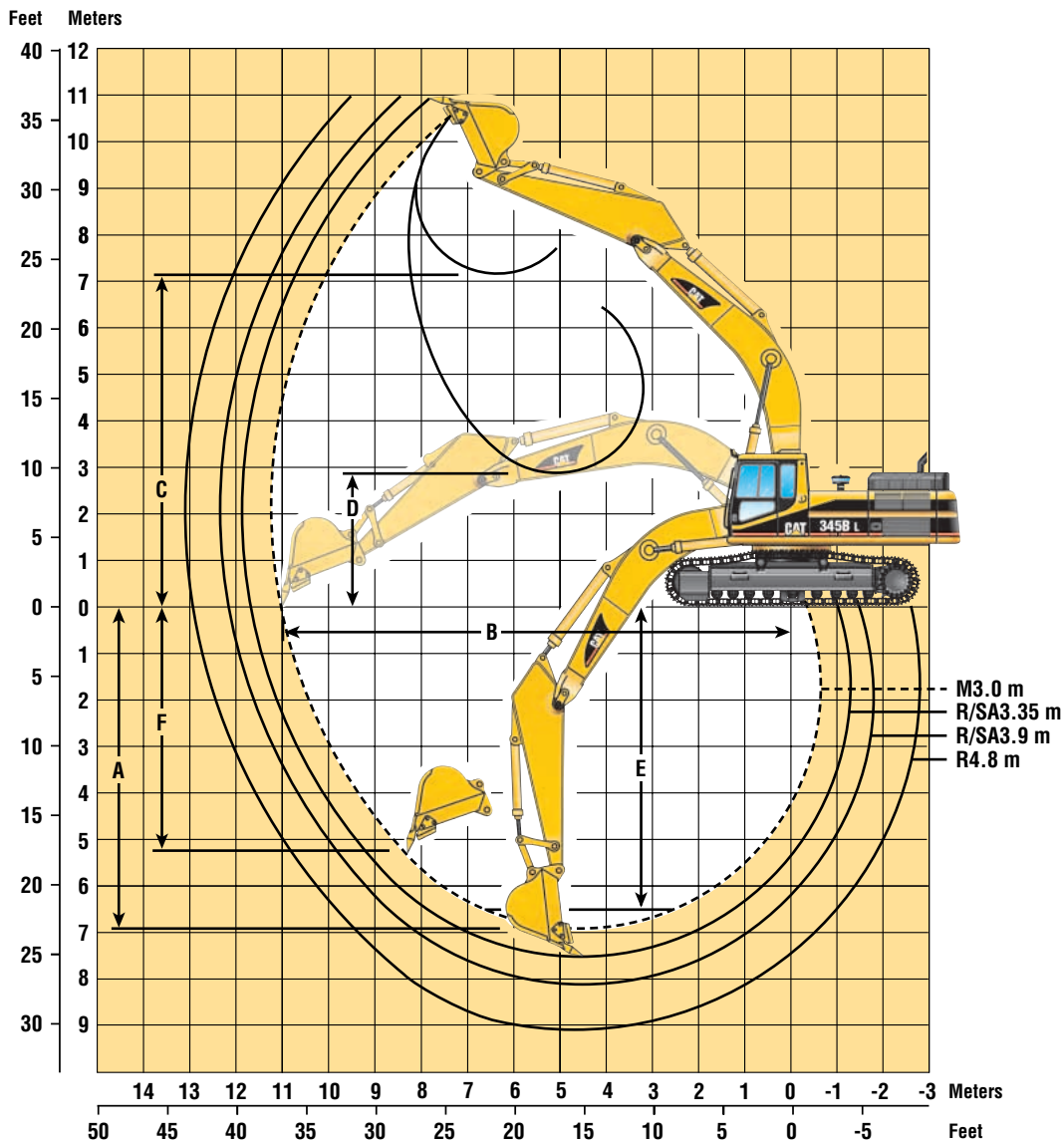
* All measurements shown are for machines equipped with the 2.0 m³ (2.5 yd³) GP bucket.

** All measurements shown are for machines equipped with the 3.0 m³ (4.0 yd³) HDR bucket.

345B L Series II Hydraulic Excavator

Working Ranges — Long Variable Gauge Undercarriages

Reach (R) Boom, Special Applications (SA) Boom and Mass (M) Boom configurations



Stick Length	R 4.8 m (15'9")*	R/SA 3.9 m (12'10")*	R/SA 3.35 m (11'0")*	M 3.0 m (9'10")**
A Maximum Digging Depth	9.11 m (29'11")	8.12 m (26'8")	7.51 m (24'8")	6.92 m (22'8")
B Maximum Reach at Ground Level	12.97 m (42'7")	12.17 m (39'11")	11.68 m (38'4")	10.99 m (36'1")
C Maximum Loading Height	7.70 m (25'3")	7.51 m (24'8")	7.54 m (24'9")	7.11 m (23'4")
D Minimum Loading Height	1.31 m (4'4")	2.29 m (7'6")	2.89 m (9'6")	2.96 m (9'9")
E Maximum Depth Cut for 2440 mm (8') Level Bottom	9.0 m (29'6")	7.72 m (25'4")	7.12 m (23'4")	6.51 m (21'4")
F Maximum Vertical Wall Digging Depth	7.12 m (23'4")	6.36 m (20'10")	6.02 m (19'9")	5.23 m (17'2")
Bucket Digging Force (SAE)	232 kN (52,200 lb)	232 kN (52,200 lb)	232 kN (52,200 lb)	261 kN (58,700 lb)
Stick Digging Force (SAE)	156 kN (35,100 lb)	178 kN (40,100 lb)	192 kN (43,200 lb)	202 kN (45,500 lb)

* All measurements shown are for machines equipped with the 2.0 m³ (2.5 yd³) GP bucket.

** All measurements shown are for machines equipped with the 3.0 m³ (4.0 yd³) HDR bucket.

345B L Series II Hydraulic Excavator

345B L Series II Bucket Specifications

Fixed Undercarriage	Capacity		Width		Tip Radius		Weight		Teeth Qty	Reach			Mass Ex. 3.0 m (9'10")
	m ³	yd ³	mm	in	mm	in	kg	lb		4.8 m (15'9")	3.9 m (12'10")	3.35 m (11'0")	
F Buckets for Reach Linkage													
Heavy Duty (HD)	1.1	1.38	925	36	1870	73.6	1500	3310	3	●	●	●	-
	1.3	1.75	1098	42	1870	73.6	1660	3650	3	●	●	●	-
	1.6	2.13	1246	48	1870	73.6	1760	3870	5	●	●	●	-
	1.9	2.50	1400	54	1870	73.6	1900	4180	5	○	●	●	-
	2.1	2.75	1540	60	1870	73.6	2030	4470	6	∴	●	●	-
	2.4	3.00	1695	66	1870	73.6	2160	4750	6	-	○	●	-
	2.6	3.50	1820	72	1870	73.6	2280	5020	7	-	∴	○	-
General Purpose (GP)	1.0	1.25	780	30	2030	79.9	1375	3030	3	●	●	●	-
	1.3	1.75	925	36	2030	79.9	1480	3260	3	●	●	●	-
	1.6	2.12	1098	42	2030	79.9	1640	3610	4	●	●	●	-
	1.8	2.38	1226	48	1958	77.1	1540	3400	5	●	●	●	-
	2.0	2.50	1246	48	2030	79.9	1770	3890	5	●	●	●	-
	2.3	3.00	1400	54	2030	79.9	1790	3950	5	∴	●	●	-
	2.6	3.50	1562	62	2030	79.9	2025	4470	6	-	∴	○	-
Heavy Duty Rock (HDR)	0.8	1.00	780	30	1870	73.6	1450	3200	3	●	●	●	-
	1.0	1.38	925	36	1870	73.6	1590	3500	4	●	●	●	-
	1.3	1.75	1098	42	1870	73.6	1760	3890	4	●	●	●	-
	1.6	2.13	1246	48	1870	73.6	1900	4180	5	●	●	●	-
	1.9	2.50	1400	54	1870	73.6	2040	4480	5	○	●	●	-
	2.4	3.00	1695	66	1870	73.6	2310	5090	6	-	∴	○	-
Rock Ripping (RR)	0.9	1.25	953	38	1870	73.6	2050	4520	5	●	●	●	-
G Buckets for Mass Ex. Linkage													
Heavy Duty Rock (HDR)	3.0	4.00	1900	75	1994	78.5	2590	5700	6				∴
General Purpose Bucket	3.4	4.50	1900	75	2150	84.6	2610	5750	6				-
Variable Undercarriage													
F Buckets for Reach Linkage													
Heavy Duty (HD)	1.1	1.38	925	36	1870	73.6	1500	3310	3	●	●	●	-
	1.3	1.75	1098	42	1870	73.6	1660	3650	3	●	●	●	-
	1.6	2.13	1246	48	1870	73.6	1760	3870	5	●	●	●	-
	1.9	2.50	1400	54	1870	73.6	1900	4180	5	●	●	●	-
	2.1	2.75	1540	60	1870	73.6	2030	4470	6	●	●	●	-
	2.4	3.00	1695	66	1870	73.6	2160	4750	6	○	●	●	-
	2.6	3.50	1820	72	1870	73.6	2280	5020	7	-	○	●	-
General Purpose (GP)	1.0	1.25	780	30	2030	79.9	1375	3030	3	●	●	●	-
	1.3	1.75	925	36	2030	79.9	1480	3260	3	●	●	●	-
	1.6	2.12	1098	42	2030	79.9	1640	3610	4	●	●	●	-
	1.8	2.38	1226	48	1958	77.1	1540	3400	5	●	●	●	-
	2.0	2.50	1246	48	2030	79.9	1770	3890	5	●	●	●	-
	2.3	3.00	1400	54	2030	79.9	1790	3950	5	●	●	●	-
	2.6	3.50	1562	62	2030	79.9	2025	4470	6	∴	●	●	-
Heavy Duty Rock (HDR)	0.8	1.00	780	30	1870	73.6	1450	3200	3	●	●	●	-
	1.0	1.38	925	36	1870	73.6	1590	3500	4	●	●	●	-
	1.3	1.75	1098	42	1870	73.6	1760	3890	4	●	●	●	-
	1.6	2.13	1246	48	1870	73.6	1900	4180	5	●	●	●	-
	1.9	2.50	1400	54	1870	73.6	2040	4480	5	∴	●	●	-
	2.4	3.00	1695	66	1870	73.6	2310	5090	6	∴	○	●	-
Rock Ripping (RR)	0.9	1.25	953	38	1870	73.6	2050	4520	5	●	●	●	-
G Buckets for Mass Ex. Linkage													
Heavy Duty Rock (HDR)	3.0	4.00	1900	75	1994	78.5	2590	5700	6				○
General Purpose Bucket	3.4	4.50	1900	75	2150	84.6	2610	5750	6				∴

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345B L Series II Bucket Specifications (continued)

Wide Variable Undercarriage

F Buckets for Reach Linkage

Heavy Duty (HD)	1.1	1.38	925	36	1870	73.6	1500	3310	3	●	●	●	-
	1.3	1.75	1098	42	1870	73.6	1660	3650	3	●	●	●	-
	1.6	2.13	1246	48	1870	73.6	1760	3870	5	●	●	●	-
	1.9	2.50	1400	54	1870	73.6	1900	4180	5	●	●	●	-
	2.1	2.75	1540	60	1870	73.6	2030	4470	6	●	●	●	-
	2.4	3.00	1695	66	1870	73.6	2160	4750	6	●	●	●	-
	2.6	3.50	1820	72	1870	73.6	2280	5020	7	○	●	●	-
General Purpose (GP)	1.0	1.25	780	30	2030	79.9	1375	3030	3	●	●	●	-
	1.3	1.75	925	36	2030	79.9	1480	3260	3	●	●	●	-
	1.6	2.12	1098	42	2030	79.9	1640	3610	4	●	●	●	-
	1.8	2.38	1226	48	1958	77.1	1540	3400	5	●	●	●	-
	2.0	2.50	1246	48	2030	79.9	1770	3890	5	●	●	●	-
	2.3	3.00	1400	54	2030	79.9	1790	3950	5	●	●	●	-
	2.6	3.50	1562	62	2030	79.9	2025	4470	6	●	●	●	-
Heavy Duty Rock (HDR)	3.0	4.00	1737	68	2030	79.9	2143	4720	7	○	●	●	-
	0.8	1.00	780	30	1870	73.6	1450	3200	3	●	●	●	-
	1.0	1.38	925	36	1870	73.6	1590	3500	4	●	●	●	-
	1.3	1.75	1098	42	1870	73.6	1760	3890	4	●	●	●	-
	1.6	2.13	1246	48	1870	73.6	1900	4180	5	●	●	●	-
	1.9	2.50	1400	54	1870	73.6	2040	4480	5	●	●	●	-
Rock Ripping (RR)	2.4	3.00	1695	66	1870	73.6	2310	5090	6	●	●	●	-
	0.9	1.25	953	38	1870	73.6	2050	4520	5	●	●	●	-
G Buckets for Mass Ex. Linkage													
Heavy Duty Rock (HDR)	3.0	4.00	1900	75	1994	78.5	2590	5700	6				○
General Purpose Bucket	3.4	4.50	1900	75	2150	84.6	2610	5750	6				∴

- 1950 kg/m³ (3300 lbs/yd³) max material density
- 1750 kg/m³ (2900 lbs/yd³) max material density
- 1500 kg/m³ (2500 lbs/yd³) max material density
- ∴ 1300 kg/m³ (2200 lbs/yd³) max material density
- Not Available

Assumptions for maximum material density rating:

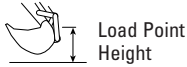
1. Front linkage fully extended at ground line
2. Bucket curled
3. 100% bucket fill factor

* - Based on SAE J296, some calculations of capacity specs fall on borderlines.

Rounding may allow two buckets to have the same English rating, but different metric ratings.

345B L Series II Hydraulic Excavator

Reach Boom Lift Capacities — 4.8 m (15'9") Stick, Fixed Gauge Undercarriage



Load Point Height



Load at Maximum Reach



Load Radius Over Front



Load Radius Over Side

4.8 STICK – 4800 mm (15'9") **
BUCKET – 1226 mm, 1.8 m³ (48", 2.38 yd³)

UNDERCARRIAGE – Long, Fixed Gauge
SHOES – 900 mm (36") triple grouser

BOOM – Reach 6.9 m (22'8")
WITH Counterweight removal

Load Point Height	1.5 m/5.0 ft		3.0 m/10.0 ft		4.5 m/15.0 ft		6.0 m/20.0 ft		7.5 m/25.0 ft		9.0 m/30.0 ft		10.5 m/35.0 ft		m ft			
	kg	lb	kg	lb	kg	lb	kg	lb	kg	lb	kg	lb	kg	lb	kg	lb		
9.0 m 30.0 ft															*3250	*3250	10.92	
															*7150	*7150	35.51	
7.5 m 25.0 ft															*3150	*3150	12.38	
															*6900	*6900	38.51	
6.0 m 20.0 ft											*6550	*6550	*5900	4900	*3150	*3150	12.38	
											*14,250	*14,250	*12,000	10,500	*6900	*6900	40.51	
4.5 m 15.0 ft											*7100	6500	*6600	4700	*3250	*3250	12.71	
											*15,450	13,850	*14,400	10,000	*7100	*7100	41.67	
3.0 m 10.0 ft							*11 000	*11 000	*9050	8550	*7800	6150	*7000	4550	*3400	3050	12.83	
							*23,750	*23,750	*19,550	18,350	*16,950	13,200	*15,250	9650	*7500	6750	42.08	
1.5 m 5.0 ft					*18 500	17 950	*13 050	11 450	*10 250	8000	*8550	5850	*7400	4350	*3700	3000	12.73	
					*39,800	38,600	*28,200	24,600	*22,150	17,150	*18,500	12,450	*16,050	9250	*8100	6650	41.77	
Ground Line			*8900	*8900	*20 850	16 600	*14 600	10 650	*11 200	7500	*9150	5550	7600	4200	*4100	3100	12.41	
			*20,250	*20,250	*45,000	35,650	*31,350	22,900	*24,250	16,100	*19,750	11,850	16,300	8900	*9050	6850	40.72	
-1.5 m -5.0 ft	kg	*7500	*7500	*11 850	*11 850	*21 650	15 950	*15 400	10 150	*11 800	7200	*9450	5350	7500	4050	*4750	3350	11.86
	lb	*16,700	*16,700	*26,700	*26,700	*46,800	34,200	*33,300	21,800	*25,500	15,400	*20,450	11,400	16,050	*10,450	7400	38.87	
-3.0 m -10.0 ft	kg	*11 400	*11 400	*16 000	*16 000	*21 200	15 750	*15 400	9950	*11 800	7000	*9350	5250		*5700	3850	11.03	
	lb	*25,450	*25,450	*36,100	*36,100	*45,800	33,800	*33,250	21,350	*25,500	15,050	*20,100	11,200		*12,600	8550	36.08	
-4.5 m -15.0 ft	kg	*15 800	*15 800	*21 450	*21 450	*19 550	15 900	*14 450	9950	*11 100	7000	*8500	5300		*6450	4800	9.84	
	lb	*35,500	*35,500	*48,550	*48,550	*42,150	34,100	*31,150	21,400	*23,800	15,100	*18,000	11,350		*14,200	10,700	32.07	
-6.0 m -20.0 ft	kg			*23 250	*23 250	*16 500	16 300	*12 300	10 200	*9150	7250				*5800	*5800	8.16	
	lb			*49,650	*49,650	*35,250	35,050	*26,200	22,000	*19,150	15,600				*12,600	*12,600	26.35	
-7.5 m	kg							*7800	*7800						*7500	*7500	6.13	

* Indicates that the load is limited by hydraulic capacity rather than tipping capacity. Lift capacity ratings are based on SAE standard J1097. Rated loads do not exceed 87% of hydraulic lifting capacity or 75% of tipping capacity.

** Load Point at Power Link.

Reach Boom Lift Capacities — 4.8 m (15'9") Stick, Variable Gauge Undercarriage

4.8 STICK – 4800 mm (15'9") **
BUCKET – 1226 mm, 1.8 m³ (48", 2.38 yd³)

UNDERCARRIAGE – Long, Variable Gauge
SHOES – 900 mm (36") triple grouser

BOOM – Reach 6.9 m (22'8")
WITH Counterweight removal

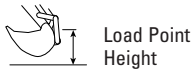
Load Point Height	3.0 m/10.0 ft		4.5 m/15.0 ft		6.0 m/20.0 ft		7.5 m/25.0 ft		9.0 m/30.0 ft		10.5 m/35.0 ft		m ft				
	kg	lb	kg	lb	kg	lb	kg	lb	kg	lb	kg	lb	kg	lb			
9.0 m 30.0 ft													*3200	*3200	11.04		
													*7100	*7100	35.68		
7.5 m 25.0 ft													*3150	*3150	11.87		
													*6900	*6900	38.77		
6.0 m 20.0 ft									*6600	*6600	*6050	5550	*3150	*3150	12.42		
									*14,350	*14,350	*12,300	11,600	*6900	*6900	40.67		
4.5 m 15.0 ft								*17,200	*17,200	*15,600	15,450	*14,500	11,350	*3250	*3250	12.73	
									*7150	*7150	*6650	5300	*7100	*7100	41.75		
3.0 m 10.0 ft			*15 150	*15 150	*11 250	*11 250	*9150	*9150	*7900	6900	*7050	5150	*3450	*3450	12.83		
			*32,450	*32,450	*24,250	*24,250	*19,800	*19,800	*17,100	14,750	*15,300	10,950	*7550	*7550	42.08		
1.5 m 5.0 ft			*18 850	*18 850	*13 250	12 700	*10 350	8900	*8600	6550	*7450	4950	*3750	3500	12.70		
			*40,550	*40,550	*28,600	27,350	*22,400	19,150	*18,650	14,050	*16,150	10,550	*8200	7750	41.69		
Ground Line			*9150	*9150	*21 000	18 700	*14 750	11 950	*11 300	8450	*9200	6300	*7750	4800	*4150	3650	12.36
			*20,750	*20,750	*45,350	40,150	*31,650	25,650	*24,450	18,150	*19,650	13,450	*16,700	10,250	*9150	8000	40.56
-1.5 m -5.0 ft	kg	*12 250	*12 250	*21 650	18 100	*15 450	11 500	*11 800	8150	*9500	6100	*7750	4700	*4800	3950	11.78	
	lb	*27,600	*27,600	*46,800	38,800	*33,400	24,650	*25,550	17,450	*20,450	13,000	*16,650	10,050	*10,650	8700	38.62	
-3.0 m -10.0 ft	kg	*16 500	*16 500	*21 050	17 950	*15 350	11 300	*11,750	8000	*9300	6000			*5850	4550	10.92	
	lb	*37,250	*37,250	*45,550	38,500	*33,150	24,250	*25,400	17,150	*20,000	12,850			*12,900	10,050	35.72	
-4.5 m -15.0 ft	kg	*22 150	*22 150	*19 300	18 100	*14 300	11 350	*10 950	8000	*8300	6050			*6450	5850	9.69	
	lb	*50,100	*50,100	*41,600	38,900	*30,800	24,350	*23,500	17,200	*17,550	13,050			*14,150	12,600	31.55	
-6.0 m -20.0 ft	kg	*22 500	*22 500	*16 050	*16 050	*12 000	11 600	*8800	8250					*5650	*5650	7.94	
	lb	*48,050	*48,050	*34,250	*34,250	*25,450	25,000	*18,350	17,800					*12,250	*12,250	25.64	

* Indicates that the load is limited by hydraulic capacity rather than tipping capacity. Lift capacity ratings are based on SAE standard J1097. Rated loads do not exceed 87% of hydraulic lifting capacity or 75% of tipping capacity.

** Load Point at Power Link.

345B L Series II Hydraulic Excavator

Reach Boom Lift Capacities — 3.9 m (12'10") Stick, Fixed Gauge Undercarriage



Load Point Height



Load at Maximum Reach



Load Radius Over Front



Load Radius Over Side

3.9 STICK – 3900 mm (12'10") **

BUCKET – 1226 mm, 1.8 m³ (48", 2.38 yd³)

UNDERCARRIAGE – Long, Fixed Gauge
SHOES – 900 mm (36") triple grouser

BOOM – Reach 6.9 m (22'8")
WITH Counterweight removal

Diagram	1.5 m/5.0 ft		3.0 m/10.0 ft		4.5 m/15.0 ft		6.0 m/20.0 ft		7.5 m/25.0 ft		9.0 m/30.0 ft		10.5 m/35.0 ft		Diagram		m ft			
	kg	lb	kg	lb	kg	lb	kg	lb	kg	lb	kg	lb	kg	lb	kg	lb				
9.0 m / 30.0 ft	kg																*3750 *8300	*3750 *8300	9.92 32.16	
7.5 m / 25.0 ft	kg											*6900 *14,000	6800 *14,000				*3650 *8000	*3650 *8000	10.89 35.52	
6.0 m / 20.0 ft	kg											*7550 *16,400	6550 14,050				*3650 *8000	*3650 *8000	11.53 37.71	
4.5 m / 15.0 ft	kg									*9000 *19,550	8850 19,050	*8050 *17,450	6350 13,600	*5550 *12,200	4700 10,300		*3750 *8200	*3750 *8200	11.89 38.97	
3.0 m / 10.0 ft	kg					*17 500 *37,550	*17 500 *37,550	*12 650 *27,250	*12 050 26,000	*10 150 *21,950	8400 18,050	*8650 *18,800	6100 13,100	*7050 *12,850	4550 9650		*3950 *8700	3600 7950	12.01 39.41	
1.5 m / 5.0 ft	kg					*20 700 *44,600	17 400 37,500	*14 450 *31,150	11 250 24,200	*11 200 *24,250	7950 17,050	*9250 *20,100	5850 12,550	7800 *14,350	4400 9400		*4300 *9450	3600 7850	11.90 39.07	
Ground Line	kg					*7800 *17,700	*7800 *17,700	*21 750 *47,700	16 550 35,600	*15 600 *33,700	10 650 22,950	*11 950 *25,850	7600 16,250	*9700 *20,950	5650 12,050	*7000 *15,450	4300 9450	*4800 *10,600	3700 8150	11.56 37.93
-1.5 m / -5.0 ft	kg	*8800 *19,600	*8800 *19,600	*12 600 *28,350	*12 600 *28,350	*21 950 *47,500	16 250 34,950	*15 900 *34,400	10 350 22,250	*12 200 *26,400	7350 15,800	*9750 *21,000	5500 11,800				*5600 *12,350	4100 9000	10.96 35.90	
-3.0 m / -10.0 ft	kg	*13 700 *30,650	*13 700 *30,650	*18 250 *41,250	*18 250 *41,250	*20 700 *44,750	16 300 35,000	*15 350 *33,150	10 300 22,100	*11 850 *25,500	7300 15,650	*9200 *19,600	5500 11,800				*6850 *15,200	4800 10,600	10.04 32.81	
-4.5 m / -15.0 ft	kg			*25 150 *54,250	*25 150 *54,250	*18 200 *39,200	16 600 35,650	*13 750 *29,500	10 450 22,450	*10 450 *22,200	7400 15,950						*6350 *13,950	6250 *13,950	8.68 24.25	
-6.0 m / -20.0 ft	kg					*13 950 *29,550	*13 950 *29,550	*10 400 *21,750	*10 400 *21,750								*8250 *18,050	*8250 *18,050	6.92 22.31	

* Indicates that the load is limited by hydraulic capacity rather than tipping capacity. Lift capacity ratings are based on SAE standard J1097. Rated loads do not exceed 87% of hydraulic lifting capacity or 75% of tipping capacity.

** Load Point at Power Link.

Reach Boom Lift Capacities — 3.9 m (12'10") Stick, Variable Gauge Undercarriage

3.9 STICK – 3900 mm (12'10") **

BUCKET – 1226 mm, 1.8 m³ (48", 2.38 yd³)

UNDERCARRIAGE – Long, Variable Gauge
SHOES – 900 mm (36") triple grouser

BOOM – Reach 6.9 m (22'8")
WITH Counterweight removal

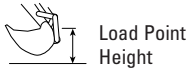
Diagram	3.0 m/10.0 ft		4.5 m/15.0 ft		6.0 m/20.0 ft		7.5 m/25.0 ft		9.0 m/30.0 ft		10.5 m/35.0 ft		Diagram		m ft				
	kg	lb	kg	lb	kg	lb	kg	lb	kg	lb	kg	lb	kg	lb					
9.0 m / 30.0 ft	kg															*3750 *8250	*3750 *8250	10.04 32.59	
7.5 m / 25.0 ft	kg									*7100 *14,550	*7100 *14,550					*3650 *8000	*3650 *8000	10.97 35.80	
6.0 m / 20.0 ft	kg									*7600 *16,550	7300 15,650					*3650 *8000	*3650 *8000	11.58 37.88	
4.5 m / 15.0 ft	kg									*9150 *19,750	*9150 *19,750	*8100 *17,600	7100 15,250	*5700 *12,550	5300 11,650		*3750 *8250	*3750 *8250	11.91 37.05
3.0 m / 10.0 ft	kg					*17 950 *38,450	*17 950 *38,450	*12 850 *27,700	*12 850 *27,700	*10 250 *22,200	9350 20,500	*8750 *18,950	6850 14,700	*7200 *13,150	5150 10,950		*4000 *8750	*4000 *8750	12.01 39.41
1.5 m / 5.0 ft	kg					*20 950 *45,100	19 500 41,950	*14 600 *31,500	12 550 27,000	*11 300 *24,450	8900 19,850	*9350 *20,200	6600 14,100	*7900 *14,300	5000 10,700		*4350 *9550	4100 9050	11.88 38.99
Ground Line	kg	*8250 *18,750	*8250 *18,750	*12 600 *28,350	18 700 40,200	*15 650 *33,650	12 000 25,750	*12 000 *25,950	6500 18,300	*9700 *21,000	6400 13,700	*6750 *14,900	4900 10,800	*4900 *10,750	4300 9450		*4900 *10,750	4300 9450	11.51 37.76
-1.5 m / -5.0 ft	kg	*13 150 *29,600	*13 150 *29,600	*21 850 *47,300	18 450 39,600	*15 900 *34,350	11 700 25,150	*12 200 *26,400	8300 17,850	*9750 *20,950	6250 13,450					*5700 *12,600	4750 10,450	10.87 35.63	
-3.0 m / -10.0 ft	kg	*18 950 *42,800	*18 950 *42,800	*20 450 *44,300	18 550 39,750	*15 250 *32,900	11 650 25,050	*11 750 *25,250	8250 17,750	*9050 *19,300	6250 13,450					*7050 *15,600	5600 12,350	9.91 32.40	
-4.5 m / -15.0 ft	kg	*24 550 *52,950	*24 550 *52,950	*17 850 *38,400	*17 850 *38,400	*13 500 *28,900	11 800 25,450	*10 200 *21,650	8400 18,100							*6350 *13,900	*6350 *13,900	4.52 27.69	
-6.0 m / -20.0 ft	kg			*13 350 *28,150	*13 350 *28,150	*9850 *20,500	*9850 *20,500									*8150 *17,850	*8150 *17,850	6.72 21.62	

* Indicates that the load is limited by hydraulic capacity rather than tipping capacity. Lift capacity ratings are based on SAE standard J1097. Rated loads do not exceed 87% of hydraulic lifting capacity or 75% of tipping capacity.

** Load Point at Power Link.

345B L Series II Hydraulic Excavator

Reach Boom Lift Capacities — 3.9 m (12'10") Stick, Fixed Gauge Undercarriage



Load Point Height



Load at Maximum Reach



Load Radius Over Front



Load Radius Over Side

3.9 STICK – 3900 mm (12'10") **



















BUCKET – 1226 mm, 1.8 m³ (48', 2.38 yd³)

UNDERCARRIAGE – Long, Fixed Gauge

SHOES – 750 mm (30") triple grouser

BOOM – Reach 6.9 m (22'8")

WITH Counterweight removal

		1.5 m/5.0 ft		3.0 m/10.0 ft		4.5 m/15.0 ft		6.0 m/20.0 ft		7.5 m/25.0 ft		9.0 m/30.0 ft		10.5 m/35.0 ft				m ft		
																				
9.0 m 30.0 ft	kg lb																*3750 *8300	*3750 *8300	9.92 32.16	
7.5 m 25.0 ft	kg lb											*6900 *14,000	6700 *14,000				*3650 *8000	*3650 *8000	10.89 35.52	
6.0 m 20.0 ft	kg lb											*7550 *16,400	6450 13,850				*3650 *8000	*3650 *8000	11.53 37.71	
4.5 m 15.0 ft	kg lb										*9000 *19,550	8750 18,750	*8050 *17,450	6250 13,400	*5550 *12,200	4600 10,100	*3750 *8200	3700 8200	11.89 38.97	
3.0 m 10.0 ft	kg lb					*17 500 *37,550	*17 500 *37,550	*12 650 *27,250	11 900 25,600	*10 150 *21,950	8250 17,750	*8650 *18,800	6000 12,850	*7050 *12,850	4450 9450	*3950 *8700	3550 7750	12.01 39.41		
1.5 m 5.0 ft	kg lb					*20 700 *44,600	17 150 36,900	*14 450 *31,150	11 050 23,800	*11 200 *24,250	7800 16,750	*9250 *20,100	5750 12,300	7700 *14,350	4300 9200	*4300 *9450	3500 7700	11.90 39.07		
Ground Line	kg lb					*7800 *17,700	*7800 *17,700	*21 750 *47,700	16 300 35,000	*15 600 *33,700	10 500 22,550	*11 950 *25,850	7450 15,950	*9700 *20,950	5550 11,850	*7000 *15,450	4200 9250	*4800 *10,600	3650 8000	11.56 37.93
-1.5 m -5.0 ft	kg lb	*8800 *19,600	*8800 *19,600	*12 600 *28,350	*12 600 *28,350	*21 950 *47,500	16 000 34,350	*15 900 *34,400	10 200 21,850	*12 200 *26,400	7200 15,500	9600 20,650	5400 11,550				*5600 *12,350	4000 8800	10.96 35.90	
-3.0 m -10.0 ft	kg lb	*13 700 *30,650	*13 700 *30,650	*18 250 *41,250	*18 250 *41,250	*20 700 *44,750	16 050 34,400	*15 350 *33,150	10 100 21,700	*11 850 *25,500	7150 15,350	*9200 *19,600	5400 11,550				*6850 *15,200	4700 10,400	10.04 32.81	
-4.5 m -15.0 ft	kg lb			*25 150 *54,250	*25 150 *54,250	*18 200 *39,200	16 350 34,750	*13 750 *29,500	10 250 22,050	*10 450 *22,200	7250 15,650						*6350 *13,950	6150 13,700	8.68 28.25	
-6.0 m -20.0 ft	kg lb					*13 950 *29,550	*13 950 *29,550	*10 400 *21,750	*10 400 *21,750								*8250 *18,050	*8250 *18,050	6.92 22.31	

* Indicates that the load is limited by hydraulic capacity rather than tipping capacity. Lift capacity ratings are based on SAE standard J1097. Rated loads do not exceed 87% of hydraulic lifting capacity or 75% of tipping capacity.

** Load Point at Power Link.

Reach Boom Lift Capacities — 3.9 m (12'10") Stick, Fixed Gauge Undercarriage

3.9 STICK – 3900 mm (12'10") **



















BUCKET – 1226 mm, 1.8 m³ (48', 2.38 yd³)

UNDERCARRIAGE – Long, Fixed Gauge

SHOES – 900 mm (36") triple grouser

BOOM – Reach 6.9 m (22'8")

WITHOUT Counterweight removal

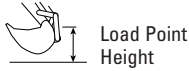
		1.5 m/5.0 ft		3.0 m/10.0 ft		4.5 m/15.0 ft		6.0 m/20.0 ft		7.5 m/25.0 ft		9.0 m/30.0 ft		10.5 m/35.0 ft				m ft		
																				
9.0 m 30.0 ft	kg lb																*3750 *8300	*3750 *8300	9.92 32.16	
7.5 m 25.0 ft	kg lb											*6900 *14,000	6650 *14,000				*3650 *8000	*3650 *8000	10.89 35.52	
6.0 m 20.0 ft	kg lb											*7550 *16,400	6400 13,700				*3650 *8000	*3650 *8000	11.53 37.71	
4.5 m 15.0 ft	kg lb										*9000 *19,550	8650 18,600	*8050 *17,450	6200 13,250	*5550 *12,200	4550 10,000	*3750 *8200	3700 8100	11.89 38.97	
3.0 m 10.0 ft	kg lb					*17 500 *37,550	*17 500 *37,550	*12 650 *27,250	11 800 25,400	*10 150 *21,950	8200 17,600	*8650 *18,800	5950 12,700	*7050 *12,850	4400 9350	*3950 *8700	3500 7650	12.01 39.41		
1.5 m 5.0 ft	kg lb					*20 700 *44,600	17 000 36,600	*14 450 *31,150	10 950 23,600	*11 200 *24,250	7750 16,600	*9250 *20,100	5700 12,150	7650 *14,350	4250 9100	*4300 *9450	3450 7600	11.90 39.07		
Ground Line	kg lb					*7800 *17,700	*7800 *17,700	*21 750 *47,700	16 150 34,700	*15 600 *33,700	10 400 22,350	*11 950 *25,850	7350 15,800	*9700 *20,850	5450 11,700	*7000 *15,450	4150 9150	*4800 *10,600	3600 7900	11.56 37.93
-1.5 m -5.0 ft	kg lb	*8800 *19,600	*8800 *19,600	*12 600 *28,350	*12 600 *28,350	*21 950 *47,500	15 850 34,050	*15 900 *34,400	10 100 21,650	*12 200 *26,400	7150 15,350	9600 20,550	5350 11,450				*5600 *12,350	3950 8700	10.96 35.90	
-3.0 m -10.0 ft	kg lb	*13 700 *30,650	*13 700 *30,650	*18 250 *41,250	*18 250 *41,250	*20 700 *44,750	15 900 34,100	*15 350 *33,150	10 000 21,500	*11 850 *25,500	7100 15,200	*9200 *19,600	5350 11,450				*6850 *15,200	4650 10,300	10.04 32.81	
-4.5 m -15.0 ft	kg lb			*25 150 *54,250	*25 150 *54,250	*18 200 *39,200	16 200 34,750	*13 750 *29,500	10 150 21,850	*10 450 *22,200	7200 15,500						*6350 *13,950	6100 *13,600	8.68 28.25	
-6.0 m -20.0 ft	kg lb					*13 950 *29,550	*13 950 *29,550	*10 400 *21,750	*10 400 *21,750								*8250 *18,050	*8250 *18,050	6.92 22.31	

* Indicates that the load is limited by hydraulic capacity rather than tipping capacity. Lift capacity ratings are based on SAE standard J1097. Rated loads do not exceed 87% of hydraulic lifting capacity or 75% of tipping capacity.

** Load Point at Power Link.

345B L Series II Hydraulic Excavator

Reach Boom Lift Capacities — 3.35 m (11'0") Stick, Fixed Gauge Undercarriage



Load Point
Height



Load at
Maximum Reach



Load Radius
Over Front



Load Radius
Over Side

3.35 STICK – 3350 mm (11'0") **

BUCKET – 1226 mm, 1.8 m³ (48", 2.38 yd³)

UNDERCARRIAGE – Long, Fixed Gauge

SHOES – 900 mm (36") triple grouser

BOOM – Reach 6.9 m (22'8")

WITH Counterweight removal

		3.0 m/10.0 ft		4.5 m/15.0 ft		6.0 m/20.0 ft		7.5 m/25.0 ft		9.0 m/30.0 ft		m ft		
9.0 m	kg											*3950	*3950	9.37
30.0 ft	lb											*8750	*8750	30.32
7.5 m	kg											*3800	*3800	10.40
25.0 ft	lb											*8300	*8300	33.91
6.0 m	kg							*8750	*8750	*8100	6500	*3750	*3750	11.07
20.0 ft	lb							*19,000	*19,000	*17,650	13,900	*8250	*8250	36.22
4.5 m	kg					*11 550	*11 550	*9650	8750	*8550	6300	*3850	*3850	11.45
15.0 ft	lb					*24,850	*24,850	*20,900	18,750	*18,600	13,450	*8450	*8450	37.54
3.0 m	kg			*19 050	18 450	*13 500	11 850	*10 700	8300	*9100	6050	*4050	3900	11.58
10.0 ft	lb			*40,850	39,800	*29,050	25,500	*23,150	17,800	*19,750	13,000	*8900	8550	38.00
1.5 m	kg			*19 650	17 050	*15 100	11 100	*11 650	7900	*9600	5850	*4400	3900	11.47
5.0 ft	lb			*46,650	36,700	*32,550	23,900	*25,200	16,900	*20,800	12,500	*9650	8500	37.64
Ground Line	kg			*19 450	16 450	*15 900	10 600	*12 250	7550	*9900	5650	*4900	4050	11.11
	lb			*45,200	35,400	*34,400	22,850	*26,450	16,250	*21,350	12,150	*10,800	8900	36.45
-1.5 m	kg	*12 700	*12 700	*21 600	16 350	*15 900	10 400	*12 300	7400	*9750	5600	*5700	4500	10.47
-5.0 ft	lb	*28,650	*28,650	*46,800	35,100	*34,400	22,350	*26,500	15,900	*20,900	11,950	*12,550	9900	34.32
-3.0 m	kg	*19 650	*19 650	*19 850	16 500	*15 000	10 400	*11 550	7400			*6950	5400	9.50
-10.0 ft	lb	*44,400	*44,400	*43,000	35,450	*32,400	22,400	*24,850	15,900			*15,450	11,900	31.03
-4.5 m	kg	*22 300	*22 300	*16 850	*16 850	*12 900	10 650	*9550	7600			*6300	*6300	8.06
-15.0 ft	lb	*48,050	*48,050	*36,250	*36,250	*27,600	22,900	*20,050	16,400			*13,800	*13,800	24.19
-6.0 m	kg			*11 700	*11 700	*8400	*8400					*7850	*7850	6.21
-20.0 ft	lb			*25,800	*25,800	*18,500	*18,500					*19,800	*19,800	18.26

* Indicates that the load is limited by hydraulic capacity rather than tipping capacity. Lift capacity ratings are based on SAE standard J1097. Rated loads do not exceed 87% of hydraulic lifting capacity or 75% of tipping capacity.

** Load Point at Power Link.

Reach Boom Lift Capacities — 3.35 m (11'0") Stick, Fixed Gauge Undercarriage

3.35 STICK – 3350 mm (11'0") **

BUCKET – 1226 mm, 1.8 m³ (48", 2.38 yd³)

UNDERCARRIAGE – Long, Fixed Gauge

SHOES – 900 mm (36") triple grouser

BOOM – Reach 6.9 m (22'8")

WITHOUT Counterweight removal

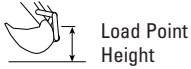
		3.0 m/10.0 ft		4.5 m/15.0 ft		6.0 m/20.0 ft		7.5 m/25.0 ft		9.0 m/30.0 ft		m ft		
9.0 m	kg											*3950	*3950	9.37
30.0 ft	lb											*8750	*8750	30.32
7.5 m	kg											*3800	*3800	10.40
25.0 ft	lb											*8300	*8300	33.91
6.0 m	kg							*8750	*8750	*8100	6300	*3750	*3750	11.07
20.0 ft	lb							*19,000	*19,000	*17,650	13,550	*8250	*8250	36.22
4.5 m	kg					*11 550	*11 550	*9650	8550	*8550	6150	*3850	*3850	11.45
15.0 ft	lb					*24,850	*24,850	*20,900	18,300	*18,600	13,100	*8450	*8450	37.54
3.0 m	kg			*19 050	18 050	*13 500	11 550	*10 700	8100	*9100	5900	*4050	3750	11.58
10.0 ft	lb			*40,850	38,900	*29,050	24,900	*23,150	17,350	*19,750	12,600	*8900	8300	38.00
1.5 m	kg			*19 650	16 650	*15 100	10 800	*11 650	7650	*9600	5650	*4400	3750	11.47
5.0 ft	lb			*46,650	35,800	*32,550	23,300	*25,200	16,450	*20,800	12,150	*9650	8250	37.64
Ground Line	kg			*19 450	16 050	*15 900	10 350	*12 250	7350	*9750	5500	*4900	3950	11.11
	lb			*45,200	34,500	*34,400	22,250	*26,450	15,600	*20,900	11,750	*10,800	6650	36.45
-1.5 m	kg	*12 700	*12 700	*21 600	15 950	*15 900	10 150	*12 300	7200	*9650	5400	*5700	4350	10.47
-5.0 ft	lb	*28,650	*28,650	*46,800	34,250	*34,400	21,750	*26,500	15,450	*20,700	11,600	*12,550	9600	34.32
-3.0 m	kg	*19 650	*19 650	*19 850	16 100	*15 000	10 150	*11 550	7200			*6950	5200	9.50
-10.0 ft	lb	*44,400	*44,400	*43,000	34,550	*32,400	21,800	*24,850	15,450			*15,450	11,550	31.03
-4.5 m	kg	*22 300	*22 300	*16 850	*16 500	*12 900	10 350	*9550	7400			*6300	*6300	8.06
-15.0 ft	lb	*48,050	*48,050	*36,250	*35,400	*27,600	22,300	*20,050	15,950			*13,800	*13,800	26.19
-6.0 m	kg			*11 700	*11 700	*8400	*8400					*7850	*7850	6.21
-20.0 ft	lb			*25,800	*25,800	*18,500	*18,500					*19,800	*19,800	18.26

* Indicates that the load is limited by hydraulic capacity rather than tipping capacity. Lift capacity ratings are based on SAE standard J1097. Rated loads do not exceed 87% of hydraulic lifting capacity or 75% of tipping capacity.

** Load Point at Power Link.

345B L Series II Hydraulic Excavator

Reach Boom Lift Capacities — 3.35 m (11'0") Stick, Variable Gauge Undercarriage



Load Point Height



Load at Maximum Reach



Load Radius Over Front



Load Radius Over Side

3.35 STICK – 3350 mm (11'0") **
BUCKET – 1226 mm, 1.8 m³ (48", 2.38 yd³)

UNDERCARRIAGE – Long, Variable Gauge
SHOES – 900 mm (36") triple grouser

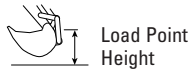
BOOM – Reach 6.9 m (22'8")
WITH Counterweight removal

		3.0 m/10.0 ft		4.5 m/15.0 ft		6.0 m/20.0 ft		7.5 m/25.0 ft		9.0 m/30.0 ft		m ft		
9.0 m	kg											*3900	*3900	9.50
30.0 ft	lb											*8650	*8650	30.78
7.5 m	kg											*3750	*3750	10.49
25.0 ft	lb											*8300	*8300	34.21
6.0 m	kg							*8850	*8850	*8150	7250	*3750	*3750	11.13
20.0 ft	lb							*19,200	*19,200	*17,750	15,500	*8250	*8250	36.40
4.5 m	kg			*15 500	*15 500	*11 750	*11 750	*9750	9700	*8600	7050	*3900	*3900	11.48
15.0 ft	lb			*34,100	*34,100	*25,300	*25,300	*21,150	20,800	*18,700	15,050	*8500	*8500	37.63
3.0 m	kg			*19 400	*19 400	*13 700	13 150	*10 850	9250	*9150	6800	*4100	*4100	11.58
10.0 ft	lb			*41,650	*41,650	*29,450	28,250	*23,400	19,550	*19,850	14,600	*9000	*9000	38.00
1.5 m	kg			*19 150	19 150	*15 200	12 400	*11 750	8800	*9650	6600	*4450	4450	11.44
5.0 ft	lb			*45,700	41,250	*32,800	26,700	*25,350	18,950	*20,900	14,100	*9750	*9750	37.56
Ground Line	kg			*19 800	18 650	*15 950	11 950	*12 250	8350	*9900	6400	*5000	4650	11.05
	lb			*45,950	40,050	*34,500	25,700	*26,500	10,300	*21,350	13,750	*10,950	10,300	36.27
-1.5 m	kg	*13 400	*13 400	*21 450	18 550	*15 850	11 750	*12 250	8400	*9650	6350	*5800	5200	10.39
-5.0 ft	lb	*30,200	*30,200	*46,500	39,850	*34,300	25,250	*26,450	18,000	*20,750	13,600	*12,800	11,450	34.03
-3.0 m	kg	*20 500	*20 500	*19 600	18 750	*14 850	11 800	*11 450	8400			*7150	6250	9.36
-10.0 ft	lb	*46,300	*46,300	*42,400	40,250	*32,000	25,350	*24,550	18,050			*15,800	13,850	30.59
-4.5 m	kg	*21 650	*21 650	*16 450	*16 450	*12 550	12 050	*9200	8650			*6150	*6150	7.88
-15.0 ft	lb	*46,600	*46,600	*35,300	*35,300	*26,850	25,900	*19,100	18,600			*13,350	*13,350	25.58

* Indicates that the load is limited by hydraulic capacity rather than tipping capacity. Lift capacity ratings are based on SAE standard J1097. Rated loads do not exceed 87% of hydraulic lifting capacity or 75% of tipping capacity.

** Load Point at Power Link.

Reach Boom Lift Capacities — 4.8 m (15'9") Stick, Wide Variable Gauge Undercarriage



Load Point Height



Load at Maximum Reach



Load Radius Over Front



Load Radius Over Side

4.8 STICK – 4800 mm (15'9") **
BUCKET – 1226 mm, 1.8 m³ (48", 2.38 yd³)

UNDERCARRIAGE – Long, Wide Variable Gauge
SHOES – 900 mm (36") triple grouser

BOOM – Reach 6.9 m (22'8")

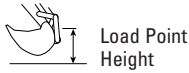
		1.5 m/5.0 ft		3.0 m/10.0 ft		4.5 m/15.0 ft		6.0 m/20.0 ft		7.5 m/25.0 ft		9.0 m/30.0 ft		10.5 m/35.0 ft		m ft		
9.0 m	kg												*5080	*5080			9.10	
30.0 ft	lb																	29.50
7.5 m	kg												*6390	*6390			*4300	10.08
25.0 ft	lb												*14,060	*14,060			*9490	32.85
6.0 m	kg												*6690	*6690	*5540	*5540	*4210	10.75
20.0 ft	lb												*14,590	*14,590	*9950	*9950	*9260	35.17
4.5 m	kg									*8160	*8160	*7280	*7280	*6700	5990	*4260	11.19	
15.0 ft	lb									*17,650	*17,650	*15,790	*15,790	*14,610	12,740	*9370	36.65	
3.0 m	kg				*16 170	*16 170	*11 740	*11 740	*9420	*9420	*8000	7910	*7070	5870	*4450	*4450	11.40	
10.0 ft	lb				*34,620	*34,620	*25,260	*25,260	*20,330	*20,330	*17,320	16,910	*15,340	12,500	*9780	*9780	37.40	
1.5 m	kg				*19 940	*19 940	*13 810	*13 810	*10 630	10 470	*8720	7640	*7440	5720	*4790	*4790	11.42	
5.0 ft	lb				*42,840	*42,840	*29,740	*29,740	*22,940	22,450	*18,850	16,350	*16,090	12,210	*10,520	*10,520	37.46	
Ground Line	kg				*19 590	*19 590	*15 250	14 480	*11 560	10 080	*9270	7410	*7670	5600	*5310	4910	11.23	
	lb				*45,830	*45,830	*32,890	31,060	*24,940	21,600	*20,010	15,850	*16,520	11,950	*11,670	10,810	36.84	
-1.5 m	kg			*9450	*9450	*21 140	*21 140	*15 860	14 090	*12 020	9810	*9500	7240	*7570	5520	*6090	5220	10.83
-5.0 ft	lb			*21,430	*21,430	*48,260	*48,260	*34,230	30,200	*25,920	21,030	*20,460	15,500	*16,140	11,800	*13,440	11,500	35.50
-3.0 m	kg	*10 130	*10 130	*14 570	*14 570	*21 480	*21 480	*15 590	13 940	*11 850	9690	*9200	7180		*7250	5830	10.19	
-10.0 ft	lb	*22,710	*22,710	*32,970	*32,970	*46,370	*46,370	*33,620	29,870	*25,500	20,770	*19,680	15,370		*15,960	12,880	33.34	
-4.5 m	kg	*15 450	*15 450	*21 280	*21 280	*19 390	*19 390	*14 320	13 990	*10 820	9730	*7870	7260		*7280	6940	9.26	
-15.0 ft	lb	*34,750	*34,750	*48,300	*48,300	*41,720	*41,720	*30,750	30,010	*23,090	20,870	*16,340	15,590		*16,000	15,430	30.21	
-6.0 m	kg			*21 850	*21 850	*15 700	*15 700	*11 610	*11 610	*8160	*8160				*6990	*6990	7.94	
-20.0 ft	lb			*46,470	*46,470	*33,370	*33,370	*24,500	*24,500	*16,640	*16,640				*15,290	*15,290	25.72	

* Indicates that the load is limited by hydraulic capacity rather than tipping capacity. Lift capacity ratings are based on SAE standard J1097. Rated loads do not exceed 87% of hydraulic lifting capacity or 75% of tipping capacity.

** Load Point at Power Link.

345B L Series II Hydraulic Excavator

Reach Boom Lift Capacities — 3.9 m (12'10") Stick, Wide Variable Gauge Undercarriage



Load Point Height



Load at Maximum Reach



Load Radius Over Front



Load Radius Over Side

















3.9 STICK – 3900 mm (12'10") **

BUCKET – 1226 mm, 1.8 m³ (48", 2.38 yd³)

UNDERCARRIAGE – Long, Wide Variable Gauge

SHOES – 900 mm (36") triple grouser

BOOM – Reach 6.9 m (22'8")

		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	kg																
30.0 ft	lb														*5820	*5820	8.12
7.5 m	kg														*12,950	*12,950	26.21
25.0 ft	lb														*11,890	*11,890	29.94
6.0 m	kg																9.93
20.0 ft	lb														*5230	*5230	32.46
4.5 m	kg																10.40
15.0 ft	lb														*11,510	*11,510	34.07
3.0 m	kg																10.63
10.0 ft	lb														*5490	*5490	34.87
1.5 m	kg																10.65
5.0 ft	lb														*12,060	*12,060	34.94
Ground Line	kg																10.45
	lb														*14,380	*14,380	34.27
-1.5 m	kg																10.01
-5.0 ft	lb														*7540	*7540	32.82
-3.0 m	kg																9.32
-10.0 ft	lb														*17,730	*17,730	30.48
-4.5 m	kg																8.29
-15.0 ft	lb														*17,210	*17,210	27.00
-6.0 m	kg																6.78
-20.0 ft	lb														*6900	*6900	

* Indicates that the load is limited by hydraulic capacity rather than tipping capacity. Lift capacity ratings are based on SAE standard J1097. Rated loads do not exceed 87% of hydraulic lifting capacity or 75% of tipping capacity.

** Load Point at Power Link.

Reach Boom Lift Capacities — 3.35 m (11'0") Stick, Wide Variable Gauge Undercarriage















3.35 STICK – 3350 mm (11'0") **

BUCKET – 1226 mm, 1.8 m³ (48", 2.38 yd³)

UNDERCARRIAGE – Long, Wide Variable Gauge

SHOES – 900 mm (36") triple grouser

BOOM – Reach 6.9 m (22'8")

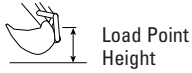
		3.0 m/10.0 ft		4.5 m/15.0 ft		6.0 m/20.0 ft		7.5 m/25.0 ft		9.0 m/30.0 ft				m ft			
																	
9.0 m	kg																
30.0 ft	lb														*6530	*6530	7.55
7.5 m	kg														*14,570	*14,570	24.31
25.0 ft	lb														*13,060	*13,060	28.29
6.0 m	kg																9.48
20.0 ft	lb														*8260	*8260	30.96
4.5 m	kg																9.97
15.0 ft	lb														*18,760	*18,760	32.64
3.0 m	kg																10.21
10.0 ft	lb														*19,850	*19,850	33.48
1.5 m	kg																10.22
5.0 ft	lb														*20,810	*20,810	33.55
Ground Line	kg																10.01
	lb														*15,909	*15,909	32.85
-1.5 m	kg																9.56
-5.0 ft	lb														*20,230	*20,230	31.33
-3.0 m	kg																8.83
-10.0 ft	lb														*18,030	*18,030	28.86
-4.5 m	kg																7.73
-15.0 ft	lb														*16,750	*16,750	25.16

* Indicates that the load is limited by hydraulic capacity rather than tipping capacity. Lift capacity ratings are based on SAE standard J1097. Rated loads do not exceed 87% of hydraulic lifting capacity or 75% of tipping capacity.

** Load Point at Power Link.

345B L Series II Hydraulic Excavator

Mass Boom Lift Capacities — 3.0 m (9'10") Stick, Fixed Gauge Undercarriage



Load Point Height



Load at Maximum Reach



Load Radius Over Front



Load Radius Over Side

3.0 STICK – 3000 mm (9'11") **
BUCKET – 1900 mm, 3.0 m³ (75", 4.0 yd³)

UNDERCARRIAGE – Long, Fixed Gauge
SHOES – 900 mm (36") triple grouser

BOOM – Mass 6.55 m (21'8")
WITH Counterweight removal

		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		
7.5 m	kg							*7950	*7950			*4150	*4150	9.66
25.0 ft	lb							*17,300	*17,300			*9200	*9200	31.46
6.0 m	kg							*8500	8450			*4150	*4150	10.39
20.0 ft	lb							*18,500	18,050			*9050	*9050	33.97
4.5 m	kg					*11 150	*11 150	*9250	8100	*8200	5550	*4250	3900	14.80
15.0 ft	lb					*24,000	*24,000	*20,100	17,300	*17,800	11,850	*9300	8650	35.58
3.0 m	kg			*18 300	17 800	*12 900	11 200	*10 200	7850	*8600	5350	*4500	3650	10.93
10.0 ft	lb			*39,250	38,350	*27,800	24,100	*22,050	16,750	*18,650	11,450	*9850	8100	35.85
1.5 m	kg			*20 650	16 250	*14 350	10 400	*11 000	7200	*8950	5150	*4900	3650	10.80
5.0 ft	lb			*44,550	34,950	*30,950	22,350	*23,750	15,450	*19,400	10,950	*10,800	8050	35.43
Ground Line	kg			*21 150	15 600	*15 050	9900	*11 450	6900	*9050	5000	*5550	3900	10.39
	lb			*45,750	33,450	*32,500	21,200	*24,700	14,750	*19,500	10,650	*12,250	8550	34.10
-1.5 m	kg	*14 400	*14 400	*20 250	15 450	*14 850	9650	*11 300	6700			*6600	4500	9.58
-5.0 ft	lb	*32,550	*32,550	*43,900	33,150	*32,100	20,750	*24,300	14,400			*14,600	9900	31.73
-3.0 m	kg	*23 250	*23 250	*18 200	15 700	*13 600	9700	*10 150	6800			*6650	5700	8.62
-10.0 ft	lb	*52,650	*52,650	*39,350	33,650	*29,300	20,850	*21,650	14,550			*14,550	12,650	28.13
-4.5 m	kg	*19 100	*19 100	*14 550	*14 550	*10 800	10 050					*8350	8050	6.94
-15.0 ft	lb	*40,950	*40,950	*31,100	*31,100	*22,750	21,650					*18,300	18,050	22.52

* Indicates that the load is limited by hydraulic capacity rather than tipping capacity. Lift capacity ratings are based on SAE standard J1097. Rated loads do not exceed 87% of hydraulic lifting capacity or 75% of tipping capacity.

** Load Point at Power Link.

Mass Boom Lift Capacities — 3.0 m (9'10") Stick, Variable Gauge Undercarriage

3.0 STICK – 3000 mm (9'11") **
BUCKET – 1900 mm, 3.0 m³ (75", 4.0 yd³)

UNDERCARRIAGE – Long, Variable Gauge
SHOES – 900 mm (36") triple grouser

BOOM – Mass 6.55 m (21'8")
WITH Counterweight removal

		3.0 m/10.0 ft		4.5 m/15.0 ft		6.0 m/20.0 ft		7.5 m/25.0 ft		9.0 m/30.0 ft		m ft		
9.0 m	kg											*4400	*4400	8.66
7.5 m	kg							*8000	*8000			*4150	*4150	9.76
25.0 ft	lb							*17,400	*17,400			*9150	*9150	31.79
6.0 m	kg							*8600	*8600			*4150	*4150	10.45
20.0 ft	lb							*18,650	*18,650			*9050	*9050	34.17
4.5 m	kg			*15 050	*15 050	*11 300	*11 300	*9350	9050	*8250	6300	*4250	*4250	10.82
15.0 ft	lb			*32,150	*32,150	*24,400	*24,400	*20,300	19,400	*17,900	13,450	*9350	*9350	35.47
3.0 m	kg			*18 650	*18 650	*13 100	12 500	*10 300	8600	*8650	6100	*4500	4250	10.93
10.0 ft	lb			*40,000	*40,000	*28,200	26,900	*22,250	18,400	*18,750	13,050	*9900	9350	35.85
1.5 m	kg			*20 800	18 350	*14 450	11 700	*11 050	8150	*9000	5900	*4950	4300	10.77
5.0 ft	lb			*44,850	39,450	*31,200	25,150	*23,900	17,450	*19,450	12,600	*10,900	9400	35.34
Ground Line	kg			*21 100	17 750	*15 050	11 200	*11 450	7050	*9050	5750	*5650	4600	10.33
	lb			*45,700	38,100	*32,550	24,050	*24,750	16,000	*19,450	12,250	*12,450	10,050	33.90
-1.5 m	kg	*15 250	*15 250	*20 100	17 700	*14 750	11 000	*11 200	7700			*6750	5300	9.59
-5.0 ft	lb	*34,500	*34,500	*43,550	37,900	*31,900	23,650	*24,150	16,550			*14,950	11,650	31.40
-3.0 m	kg	*24 200	*24 200	*17 900	*17 900	*13 400	11 100	*9950	7800			*6550	*6550	8.48
-10.0 ft	lb	*52,450	*52,450	*38,700	*38,450	*28,850	23,850	*21,150	16,750			*14,350	*14,350	27.68
-4.5 m	kg	*18 300	*18 300	*14 000	*14 000	*10 300	*10 300					*8250	*8250	6.77
-15.0 ft	lb	*39,200	*39,200	*29,900	*29,900	*21,650	21,650					*18,100	18,100	21.97

* Indicates that the load is limited by hydraulic capacity rather than tipping capacity. Lift capacity ratings are based on SAE standard J1097. Rated loads do not exceed 87% of hydraulic lifting capacity or 75% of tipping capacity.

** Load Point at Power Link.















345B L Series II Hydraulic Excavator

Heavy Duty Special Application (SA) Boom Lift Capacities — 3.35 m (11'0") Stick

3.35 STICK – 3350 mm (11'0") **
BUCKET – 1226 mm, 1.8 m³ (48", 2.38 yd³)

UNDERCARRIAGE – Long, Fixed Gauge
SHOES – 750 mm (30") triple grouser

BOOM – SA 6.9 m (22'8")
WITH Counterweight removal

		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											*3950 *8750	*3950 *8750	9.37 30.32
7.5 m 25.0 ft	kg lb											*3800 *8300	*3800 *8300	10.40 33.91
6.0 m 20.0 ft	kg lb							*8700 *18,850	*8700 *18,850	*8000 *17,450	6350 13,600	*3750 *8250	*3750 *8250	11.07 36.22
4.5 m 15.0 ft	kg lb					*11 450 *24,650	*11 450 *24,650	*9550 *20,700	8600 18,450	*8450 *18,350	6150 13,150	*3850 *8450	*3850 *8450	11.45 37.54
3.0 m 10.0 ft	kg lb			*18 850 *40,450	18 100 39,050	*13 350 *28,750	11 600 25,050	*10 600 *22,900	8100 17,450	*9000 *19,500	5900 12,650	*4050 *8900	3750 8250	11.58 38.00
1.5 m 5.0 ft	kg lb			*19 650 *46,100	16 650 35,800	*14 900 *32,150	10 850 23,300	*11 500 *24,900	7700 16,500	*9450 *20,500	5650 12,150	*4400 *9650	3750 8200	11.47 37.64
Ground Line	kg lb			*19 450 *45,200	16 000 34,400	*15 700 *33,950	10 300 22,200	*12 050 *26,100	7350 15,750	9750 20,900	5500 11,700	*4900 *10,800	3900 6550	11.11 36.45
-1.5 m -5.0 ft	kg lb	*12 700 *28,650	*12 700 *28,650	*21 250 *46,100	15 850 34,050	*15 700 *33,950	10 100 21,700	*12 100 *26,100	7150 15,400	*9600 *20,600	5400 11,550	*5700 *12,550	4350 9550	10.47 34.32
-3.0 m -10.0 ft	kg lb	*19 650 *44,400	*19 650 *44,400	*19 550 *42,300	16 050 34,400	*14 750 *31,650	10 100 21,700	*11 400 *24,450	7150 15,400			*6950 *15,450	5200 11,500	9.50 31.03
-4.5 m -15.0 ft	kg lb	*21 850 *47,050	*21 850 *47,050	*16 550 *35,600	16 400 35,300	*12 650 *27,100	10 300 22,200	*9350 *19,650	7350 15,900			*6200 *13,450	*6200 *13,450	8.06 26.19
-6.0 m -20.0 ft	kg lb			*11 450 *25,200	*11 450 *25,200	*8200 *18,000	*8200 *18,000					*7600 *19,300	*7600 *19,300	6.21 18.26

* Indicates that the load is limited by hydraulic capacity rather than tipping capacity. Lift capacity ratings are based on SAE standard J1097. Rated loads do not exceed 87% of hydraulic lifting capacity or 75% of tipping capacity.

** Load Point at Power Link.