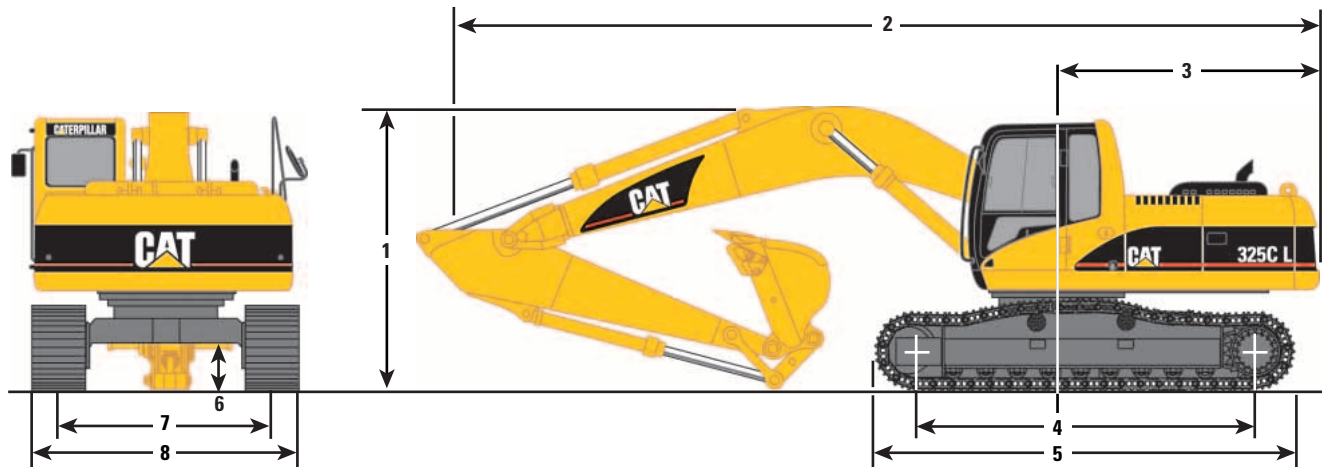


325C L Hydraulic Excavator

Dimensions

All dimensions are approximate.

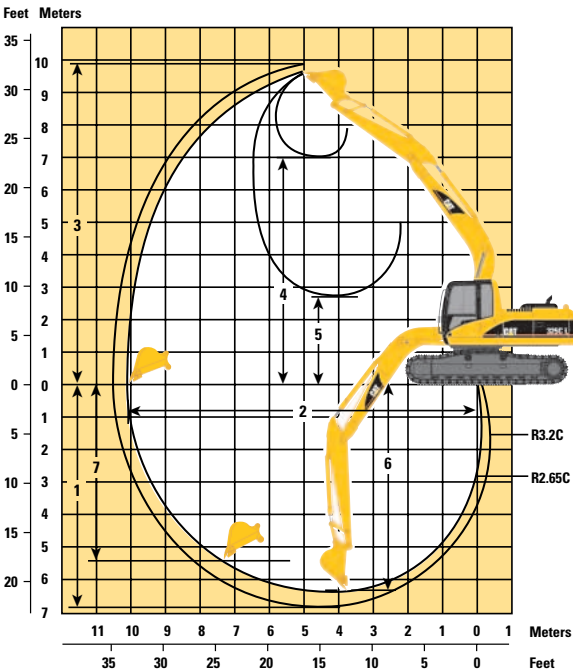


Boom Options	Reach — 6.15 m (20'2")	Reach — 6.15 m (20'2")	Mass — 5.55 m (18'2")	Mass — 5.55 m (18'2")
Stick Options	R3.2C m (10'6")	R2.65C m (8'8")	M3.2C m (10'6")	M2.5D m (8'2")
1 Shipping height	3320 mm (10'11")	3260 mm (10'8")	3310 mm (10'10")	3400 mm (11'2")
2 Shipping length	10 340 mm (33'11")	10 340 mm (33'11")	9720 mm (31'11")	9780 mm (32'1")
3 Tail swing radius	3050 mm (10'0")	3050 mm (10'0")	3050 mm (10'0")	3050 mm (10'0")
4 Length to centers of rollers (tumbler) Long undercarriage	3800 mm (12'6")	3800 mm (12'6")	3800 mm (12'6")	3800 mm (12'6")
5 Track length Long undercarriage	4660 mm (15'3")	4660 mm (15'3")	4660 mm (15'3")	4660 mm (15'3")
6 Ground clearance	480 mm (1'7")	480 mm (1'7")	480 mm (1'7")	480 mm (1'7")
7 Track gauge Long undercarriage	2590 mm (8'6")	2590 mm (8'6")	2590 mm (8'6")	2590 mm (8'6")
8 Shipping width — long with standard shoe 800 mm (32")	3390 mm (11'1")	3390 mm (11'1")	3390 mm (11'1")	3390 mm (11'1")
Shipping width — long with optional shoe 700 mm (28")	3290 mm (10'10")	3290 mm (10'10")	3290 mm (10'10")	3290 mm (10'10")

325C L Hydraulic Excavator

Reach Excavator Working Ranges

Reach (R) boom configuration



Boom Options

	Reach 6.15 m (20'2")	Reach 6.15 m (20'2")	Mass 5.55 m (18'2")	Mass 5.55 m (18'2")
Stick Options	R3.2C m (10'6")	R2.65C m (8'8")	M3.2C m (10'6")	M2.5D m (8'2")
1 Maximum Digging Depth	7090 mm (23'3")	6540 mm (21'5")	6540 mm (21'5")	6010 mm (19'9")
2 Maximum Reach at Ground Level	10 510 mm (34'6")	10 010 mm (32'10")	9880 mm (32'5")	9340 mm (30'8")
3 Maximum Cutting Height	9950 mm (32'8")	9740 mm (31'11")	9430 mm (30'11")	9230 mm (30'3")
4 Maximum Loading Height	7110 mm (23'4")	6890 mm (22'7")	6680 mm (21'11")	6090 mm (20'0")
5 Minimum Loading Height	2450 mm (8'0")	3000 mm (9'10")	2030 mm (6'8")	2560 mm (8'5")
6 Maximum Depth Cut for 2440 mm (8') Level Bottom	6920 mm (22'8")	6350 mm (20'10")	6380 mm (20'11")	5820 mm (19'1")
7 Maximum Vertical Wall Digging Depth	6400 mm (21'0")	5840 mm (19'2")	5120 mm (16'10")	5190 mm (17'0")

325C L Bucket and Stick Forces

Power Buckets

Bucket Digging Force (ISO)	183 kN (41,100 lb)	181 kN (40,800 lb)	183 kN (41,100 lb)	224 kN (50,400 lb)
(SAE)	161 kN (36,200 lb)	160 kN (35,900 lb)	161 kN (36,200 lb)	199 kN (44,600 lb)
Stick Digging Force (ISO)	120 kN (27,000 lb)	138 kN (31,100 lb)	120 kN (27,000 lb)	145 kN (32,600 lb)
(SAE)	116 kN (26,200 lb)	134 kN (30,100 lb)	116 kN (26,200 lb)	140 kN (31,500 lb)

HD and HDR Buckets

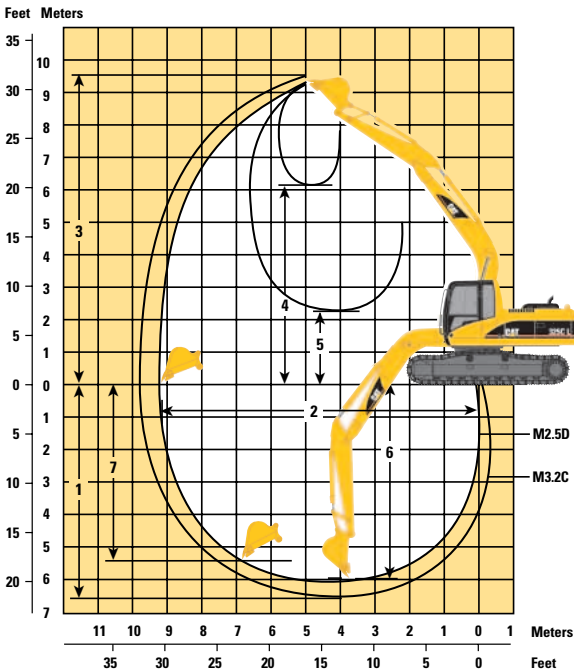
Bucket Digging Force (ISO)	164 kN (36,800 lb)	163 kN (36,500 lb)	164 kN (36,800 lb)	202 kN (45,500 lb)
(SAE)	145 kN (32,500 lb)	144 kN (32,300 lb)	145 kN (32,500 lb)	179 kN (40,300 lb)
Stick Digging Force (ISO)	118 kN (26,500 lb)	136 kN (30,500 lb)	118 kN (26,500 lb)	142 kN (31,900 lb)
(SAE)	114 kN (25,700 lb)	131 kN (29,500 lb)	114 kN (25,700 lb)	137 kN (30,800 lb)

General Purpose Buckets

Bucket Digging Force (ISO)	146 kN (32,800 lb)	145 kN (32,600 lb)	146 kN (32,800 lb)	184 kN (41,400 lb)
(SAE)	133 kN (29,900 lb)	132 kN (29,800 lb)	133 kN (29,900 lb)	168 kN (37,800 lb)
Stick Digging Force (ISO)	113 kN (25,500 lb)	130 kN (29,100 lb)	113 kN (25,500 lb)	137 kN (30,700 lb)
(SAE)	111 kN (24,900 lb)	126 kN (28,400 lb)	111 kN (24,900 lb)	132 kN (29,700 lb)

Mass Excavator Working Ranges

Mass (M) boom configuration



325C L Hydraulic Excavator

325C L Bucket Specifications and Compatibility

	Capacity*		Width		Tip Radius		Weight (w/o tips)		Teeth	Reach 6.15 m		Mass 5.55 m	
	m³	yd³	mm	in	mm	in	kg	lb	Qty	R3.2C	R2.65C	M3.2C	M2.5D
C-Buckets													
General Purpose	0.8	1.12	775	30	1778	70.0	803	1767	3	●	●	●	-
	1.10	1.50	948	36	1778	70.0	890	1958	5	●	●	●	-
	1.30	1.75	1098	42	1778	70.0	951	2092	5	●	●	●	-
	1.60	2.12	1248	48	1778	70.0	1046	2301	6	⊖	●	●	-
	1.90	2.50	1395	54	1778	70.0	1116	2455	7	○	⊖	⊖	-
Heavy Duty (HD)	0.70	0.88	775	30	1638	64.5	792	1742	3	●	●	●	-
	0.90	1.25	948	36	1638	64.5	888	1954	4	●	●	●	-
	1.10	1.50	1098	42	1638	64.5	962	2116	5	●	●	●	-
	1.30	1.75	1248	48	1638	64.5	1037	2281	5	●	●	●	-
	1.50	2.00	1395	54	1638	64.5	1119	2462	6	⊖	●	●	-
	1.70	2.25	1522	60	1638	64.5	1195	2629	7	⊖	⊖	●	-
Heavy Duty Rock (HDR)	0.70	0.88	775	30	1638	64.5	1281	2818	7	○	○	⊖	-
	0.90	1.25	948	36	1638	64.5	918	2024	3	●	●	●	-
	0.90	1.25	948	36	1638	64.5	1000	2200	4	●	●	●	-
	1.10	1.50	1098	42	1638	64.5	1084	2385	5	●	●	●	-
	1.30	1.75	1248	48	1638	64.5	1168	2570	5	●	●	●	-
Heavy Duty Power (HDP)	1.15	1.50	1098	42	1550	61.0	1008	2218	5	●	●	●	-
	1.34	1.75	1248	48	1550	61.0	1083	2383	5	●	●	●	-
	1.53	2.00	1395	54	1550	61.0	1177	2589	6	⊖	●	●	-
Ditch Cleaning (DC)	1.10	1.50	1676	66	1132	45.0	813	1789		●	●	●	-
	1.20	1.62	1829	72	1132	45.0	860	1892		●	●	●	-
D-Buckets													
General Purpose	0.80	1.12	775	30	1854	73.0	947	2083	3	-	-	-	●
	1.10	1.50	925	36	1854	73.0	1024	2253	3	-	-	-	●
	1.40	1.88	1098	42	1854	73.0	1116	2455	5	-	-	-	●
	1.70	2.25	1246	48	1854	73.0	1146	2521	5	-	-	-	●
	1.90	2.50	1400	55	1854	73.0	1192	2622	5	-	-	-	●
	2.20	3.00	1540	60	1854	73.0	1400	3080	6	-	-	-	⊖
Heavy Duty (HD)	0.70	1.00	775	30	1764	69.0	875	1925	3	-	-	-	●
	0.90	1.25	925	36	1764	69.0	968	2130	3	-	-	-	●
	1.20	1.50	1098	42	1764	69.0	1079	2374	4	-	-	-	●
	1.40	1.88	1246	48	1764	69.0	1206	2653	5	-	-	-	●
	1.60	2.12	1400	55	1764	69.0	1306	2873	5	-	-	-	●
	1.80	2.50	1540	60	1764	69.0	1407	3095	6	-	-	-	●
	2.00	2.75	1695	66	1764	69.0	1493	3285	6	-	-	-	⊖
	2.20	3.00	1820	72	1764	69.0	1620	3564	7	-	-	-	○
Heavy Duty Rock (HDR)	0.90	1.25	925	36	1764	69.0	1247	2743	3	-	-	-	●
	1.20	1.50	1098	42	1764	69.0	1294	2847	4	-	-	-	●
	1.40	1.88	1246	48	1764	69.0	1437	3161	5	-	-	-	●
	1.60	2.12	1400	55	1764	69.0	1553	2417	5	-	-	-	●
Heavy Duty Power (HDP)	1.00	1.25	925	36	1660	65.3	1026	2257	3	-	-	-	●
	1.40	1.88	1246	48	1660	65.3	1255	2761	5	-	-	-	●
	1.60	2.12	1400	54	1660	65.3	1342	2952	5	-	-	-	●
	1.80	2.50	1540	60	1660	65.3	1450	3189	6	-	-	-	●
Ditch Cleaning (DC)	1.70	2.25	1676	66	1424	56.0	1192	2622		-	-	-	●
	1.80	2.50	1829	72	1424	56.0	1239	2726		-	-	-	●

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 (3500 lbs/yd³)
- ⊖ 1800 kg/m³ (3000 lbs/yd³)
- 1500 kg/m³ (2500 lbs/yd³)
- ∴ 1200 kg/m³ (2000 lbs/yd³)
- Not Available

325C L Hydraulic Excavator

Mass Boom Lift Capacities



Load Point
Height



Load Radius
Over Front



Load Radius
Over Side



Load at
Maximum Reach

M3.2C STICK – 3200 mm (10'6")

BUCKET – 1.1 m³ (1.5 yd³)

UNDERCARRIAGE – Long

SHOES – 800 mm (32") triple grouser

BOOM – 5550 mm (18'2")

		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)				m ft
7.5 m 25.0 ft	kg lb											*2600 *5750	*2600 *5750	8.39 27.20
6.0 m 20.0 ft	kg lb									*5150 *10,500	*5150 *10,500	*2500 *5500	*2500 *5500	9.32 30.41
4.5 m 15.0 ft	kg lb							*7550 *16,400	7450 16,000	*6600 *13,850	5050 10,800	*2500 *5500	*2500 *5500	9.85 32.26
3.0 m 10.0 ft	kg lb			*17 400 *37,000	*17 400 *37,000	*11 250 *24,250	*11 250 *24,250	*8850 *19,200	7100 15,300	7400 15,800	4900 10,450	*2600 *5700	*2600 *5700	10.07 33.04
1.5 m 5.0 ft	kg lb			*7500 *17,850	*7500 *17,850	*14 000 *30,150	10 550 22,700	*10 250 *22,150	6750 14,500	7200 15,400	4700 10,100	*2800 *6150	*2800 *6150	10.01 32.85
Ground Line	kg lb			*8400 *19,300	*8400 *19,300	*15 600 *33,750	10 050 21,550	10 050 21,600	6450 13,900	7050 15,100	4550 9800	*3150 *6900	3100 6800	9.65 31.67
-1.5 m -5.0 ft	kg lb	*7250 *16,200	*7250 *16,200	*12 500 *28,450	*12 500 *28,450	*15 900 *34,450	9850 21,100	9900 21,200	6300 13,550	6950 14,900	4500 9650	*3700 *8150	3500 7650	8.97 29.38
-3.0 m -10.0 ft	kg lb	*12 100 *27,150	*12 100 *27,150	*18 950 *43,150	*18 950 *42,950	*14 950 *32,250	9850 21,150	9900 21,250	6300 13,600			*4750 *10,500	4350 9650	7.85 25.62
-4.5 m -15.0 ft	kg lb			*17 350 *37,100	*17 350 *37,100	*12 150 *25,900	10 100 21,750					*8250 *18,100	6600 14,800	5.98 19.34

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

M2.5D STICK – 2500 mm (8'2")

BUCKET – 1.4 m³ (1.88 yd³)

UNDERCARRIAGE – Long

SHOES – 800 mm (32") triple grouser

BOOM – 5550 mm (18'2")

		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)				m ft
7.5 m 25.0 ft	kg lb											*3950 *8700	*3950 *8700	7.34 23.72
6.0 m 20.0 ft	kg lb							*7350 *16,000	7300 15,600			*3800 *8300	*3800 *8300	8.40 27.37
4.5 m 15.0 ft	kg lb					*9750 *21,450	*9750 *21,450	*8200 *17,800	7050 15,100	*7150 *14,350	4700 10,050	*3800 *8400	3450 7650	8.99 29.41
3.0 m 10.0 ft	kg lb					*12 400 *26,650	10 750 23,150	*9400 *20,350	6750 14,450	7050 15,100	4550 9750	*4000 *8800	3200 7050	9.22 30.26
1.5 m 5.0 ft	kg lb					*14 650 *31,600	10 000 21,500	10 000 21,450	6400 13,750	6900 14,750	4450 9500	*4350 *9550	3150 6950	9.15 30.03
Ground Line	kg lb					*15 600 *33,800	9600 20,650	9750 20,900	6150 13,250	6800 14,550	4350 9250	*4950 *10,900	3400 7450	8.76 28.73
-1.5 m -5.0 ft	kg lb	*19,050	*19,050	*14 200 *32,350	*14 200 *32,350	*15 300 *33,100	9550 20,500	9650 20,700	6100 13,050			*6000 *13,200	3950 8700	7.99 26.17
-3.0 m -10.0 ft	kg lb			*19 100 *41,350	*19 100 *41,350	*13 600 *29,350	9700 20,800	*9750 *20,800	6200 13 300			*5450 *11,750	5400 *11,750	6.71 21.83
-4.5 m -15.0 ft	kg lb					*9400 *20,700	*9400 *20,700					*8350 *20,500	*8350 *20,500	4.86 14.46

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

325C L Hydraulic Excavator

Reach Boom Lift Capacities



Load Point
Height



Load Radius
Over Front



Load Radius
Over Side



Load at
Maximum Reach

R3.2C STICK – 3200 mm (10'6")
BUCKET – 1.1 m³ (1.5 yd³)

UNDERCARRIAGE – Long
SHOES – 800 mm (32") triple grouser

BOOM – 6150 mm (20'2")

		1.5 m (5.0 ft)		3.0 m (10.0 ft)		4.5 m (15.0 ft)		6.0 m (20.0 ft)		7.5 m (25.0 ft)		9.0 m (30.0 ft)				m ft
7.5 m 25.0 ft	kg lb													*2650 *5800	*2650 *5800	9.16 29.79
6.0 m 20.0 ft	kg lb									*5950 *13,000	5200 11,150			*2550 *5600	*2550 *5600	10.00 32.68
4.5 m 15.0 ft	kg lb							*7300 *15,800	*7300 15,750	*6600 *14,350	5000 10,700	*4850 *10,650	3600 7950	*2550 *5650	*2550 *5650	10.49 34.38
3.0 m 10.0 ft	kg lb					*11 600 *24,850	10 950 23,600	*8700 *18,850	6950 14,950	7300 15,650	4850 10,350	5350 11,450	3500 7450	*2650 *5850	2650 5800	10.70 35.10
1.5 m 5.0 ft	kg lb					*14 150 *30,500	10 150 21,800	*10 100 21,800	6550 14,100	7100 15,200	4650 9950	5250 11,250	3400 7250	*2850 *6250	2600 5700	10.64 34.92
Ground Line	kg lb			*4600 *10,600	*4600 *10,600	*15 500 *33,550	9700 20,850	9850 21,150	6300 13,500	6900 14,850	4500 9600	5150 11,100	3350 7150	*3150 *6900	2700 5950	10.31 33.83
-1.5 m -5.0 ft	kg lb	*5300 *11,850	*5300 *11,850	*8700 *19,700	*8700 *19,700	*15 700 33,800	9550 20,500	9700 20,800	6150 13,200	6850 14,650	4400 9450			*3650 *8000	3000 6600	9.69 31.74
-3.0 m -10.0 ft	kg lb	*9650 *21,650	*9650 *21,650	*14 000 *31,750	*14 000 *31,750	*14 950 *32,300	9600 20,650	9700 20,800	6150 13,250	6850 14,700	4400 9500			*4450 *9850	3650 8050	8.69 28.37
-4.5 m -15.0 ft	kg lb			*18 100 *39,000	*18 100 *39,000	*12 950 *27,800	9850 21,150	*9500 *20,200	6300 13,600					*4150 *8850	*4150 *8850	7.12 23.05

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

R2.65C STICK – 2650 mm (8'8")
BUCKET – 1.1 m³ (1.5 yd³)

UNDERCARRIAGE – Long
SHOES – 800 mm (32") triple grouser

BOOM – 6150 mm (20'2")

		3.0 m (10.0 ft)		4.5 m (15.0 ft)		6.0 m (20.0 ft)		7.5 m (25.0 ft)				m ft
7.5 m 25.0 ft	kg lb									*3350 *7400	*3350 *7400	8.55 27.76
6.0 m 20.0 ft	kg lb					*15,250 *15,250	*6550 *13,450	5150 11,050	*3250 *7150	*3250 *7150		9.46 30.89
4.5 m 15.0 ft	kg lb					*8050 *17,350	7250 15,550	*7100 *15,500	4950 10,600	*3250 *7150	3100 6800	9.99 32.70
3.0 m 10.0 ft	kg lb			*12 750 *27,350	10 700 23,050	*9350 *20,250	6850 14,750	7250 15,600	4800 10,300	*3350 *7400	2900 6350	10.20 33.47
1.5 m 5.0 ft	kg lb			*14 950 *32,250	10 000 21,500	10 100 21,700	6500 14,050	7100 15,200	4650 9950	*3600 *7850	2850 6300	10.14 33.28
Ground Line	kg lb			*15 800 34,100	9650 20,750	9850 21,150	6300 13,550	6950 14,900	4500 9650	*3950 *8650	3000 6600	9.79 32.12
-1.5 m -5.0 ft	kg lb	*8950 *20,350	*8950 *20,350	*15 550 33,750	9650 20,650	9750 20,950	6200 13,350	6900 14,800	4450 9600	*4550 *10,000	3400 7450	9.12 29.88
-3.0 m -10.0 ft	kg lb	*16 050 *36,550	*16 050 *36,550	*14 400 *31,100	9750 20,950	9800 21,050	6250 13,500			*5000 *10,850	4200 9350	8.03 26.21
-4.5 m -15.0 ft	kg lb	*16 000 *34,300	*16 000 *34,300	*11 800 *25,200	10 050 21,650	*8350 *18,400	6500 14,350			*7900 *17,400	6300 14,100	6.16 19.95

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