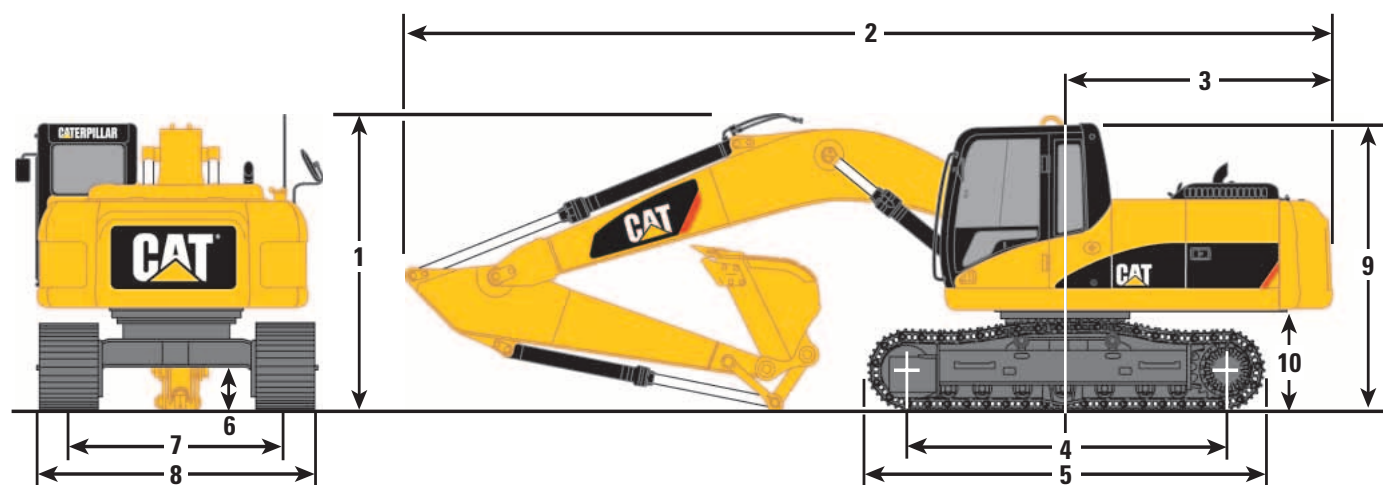


325D L Hydraulic Excavator

Dimensions

All dimensions are approximate.

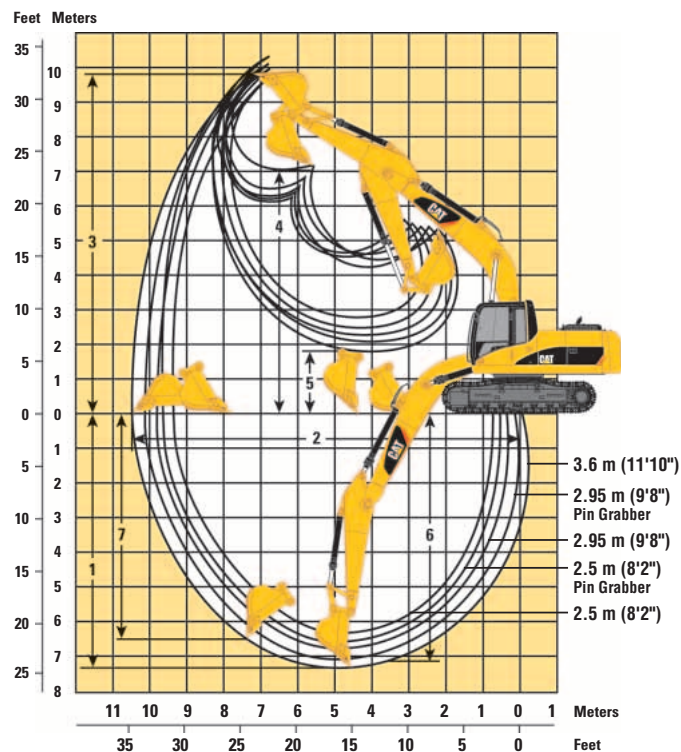


Boom Options		Reach Boom 6.15 m (20'2")			Mass Boom 5.55 m (18'2")	
Stick Options		R3.75CB2 (12'4")	R3.2CB2 (10'6")	R2.65CB2 (8'8")	M3.2CB2 (10'6")	M2.5DB (8'2")
1	Shipping height	3632 mm (11'11")	3180 mm (10'5")	3190 mm (10'6")	3130 mm (10'3")	3250 mm (10'8")
2	Shipping length	10 410 mm (34'2")	10 410 mm (34'2")	10 420 mm (34'2")	9800 mm (32'2")	9860 mm (32'4")
3	Tail swing radius	3080 mm (10'1")	3080 mm (10'1")	3080 mm (10'1")	3080 mm (10'1")	3080 mm (10'1")
Undercarriage						
4	Length to center of rollers	3990 mm (13'1")	3990 mm (13'1")	3990 mm (13'1")	3990 mm (13'1")	3990 mm (13'1")
5	Track length	4860 mm (15'11")	4860 mm (15'11")	4860 mm (15'11")	4860 mm (15'11")	4860 mm (15'11")
6	Ground clearance	490 mm (1'7")	490 mm (1'7")	490 mm (1'7")	490 mm (1'7")	490 mm (1'7")
7	Track gauge	2590 mm (8'6")	2590 mm (8'6")	2590 mm (8'6")	2590 mm (8'6")	2590 mm (8'6")
8	Transport width					
	800 mm (32") shoes (standard)	3390 mm (11'1")	3390 mm (11'1")	3390 mm (11'1")	3390 mm (11'1")	3390 mm (11'1")
	700 mm (28") shoes (optional)	3290 mm (10'10")	3290 mm (10'10")	3290 mm (10'10")	3290 mm (10'10")	3290 mm (10'10")
	600 mm (24") shoes (optional)	3190 mm (10'6")	3190 mm (10'6")	3190 mm (10'6")	3190 mm (10'6")	3190 mm (10'6")
9	Cab height	3040 mm (10'0")	3040 mm (10'0")	3040 mm (10'0")	3040 mm (10'0")	3040 mm (10'0")
10	Counterweight clearance	1110 mm (3'8")	1110 mm (3'8")	1110 mm (3'8")	1110 mm (3'8")	1110 mm (3'8")

325D L Hydraulic Excavator

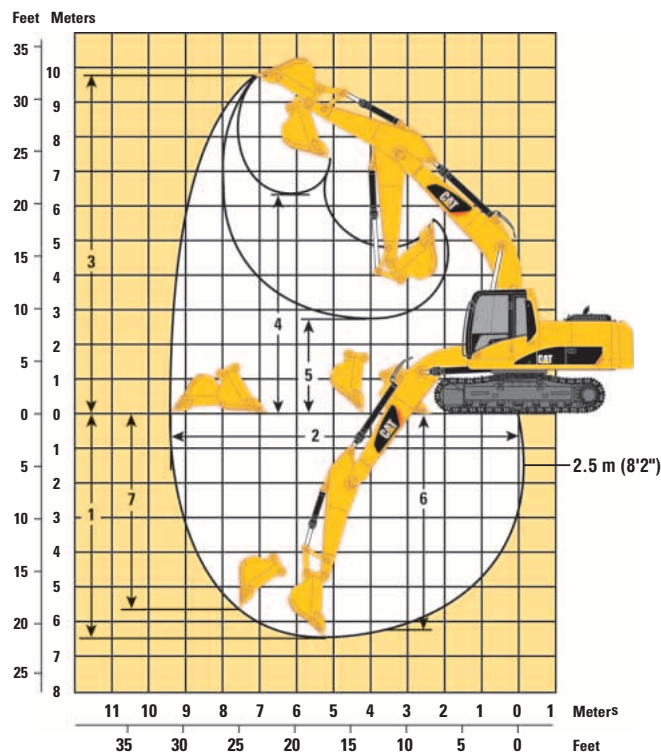
Reach Excavator Working Ranges

Reach (R) boom configuration



Mass Excavator Working Ranges

Mass (M) boom configuration



Boom Options

Stick Options

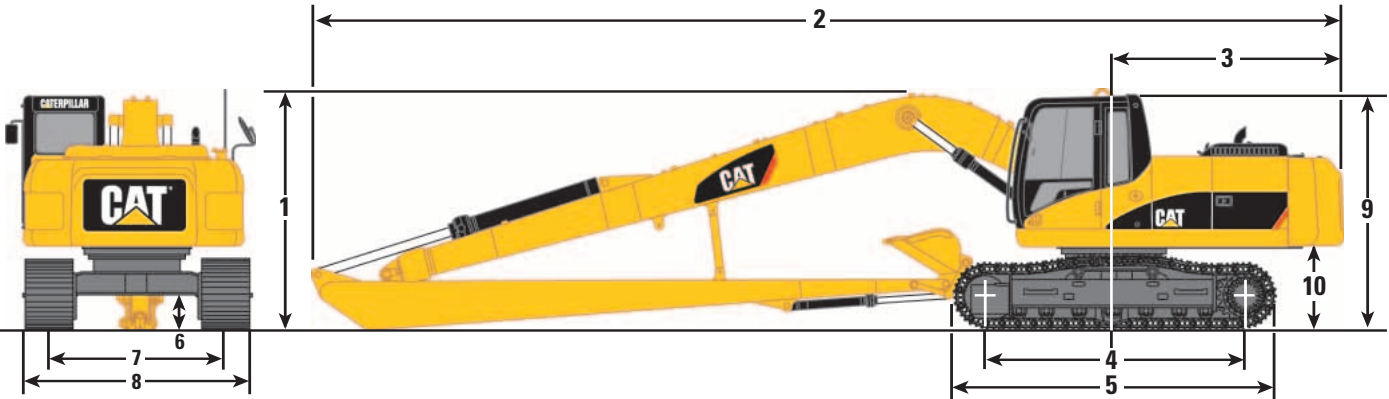
Bucket Options

1	Maximum digging depth	7328 mm (24'1")	6846 mm (22'6")	6396 mm (21'0")	7134 mm (23'5")	6684 mm (21'11")	6488 mm (21'3")
2	Maximum reach at ground level	10 549 mm (34'7")	9829 mm (32'3")	9395 mm (30'10")	10 094 mm (33'1")	9700 mm (31'10")	9446 mm (31'0")
3	Maximum cutting height	9887 mm (32'5")	9946 mm (32'8")	9750 mm (32'0")	10 249 mm (33'8")	10 054 mm (33'0")	9849 mm (32'4")
4	Maximum loading height	7043 mm (23'1")	6590 mm (21'7")	6394 mm (21'0")	6302 mm (20'8")	6106 mm (20'0")	6302 mm (20'8")
5	Minimum loading height	1884 mm (6'2")	2365 mm (7'9")	2823 mm (9'3")	2077 mm (6'10")	2535 mm (8'4")	2731 mm (9'0")
6	Maximum depth cut for 2440 mm (8') level bottom	7174 mm (23'6")	6672 mm (21'11")	6199 mm (20'4")	6974 mm (22'11")	6505 mm (21'4")	6298 mm (20'8")
7	Maximum vertical wall digging depth	6575 mm (21'7")	6075 mm (19'11")	5633 mm (18'6")	3877 mm (12'9")	3490 mm (11'5")	5694 mm (18'8")

325D L Hydraulic Excavator

Dimensions

All dimensions are approximate.

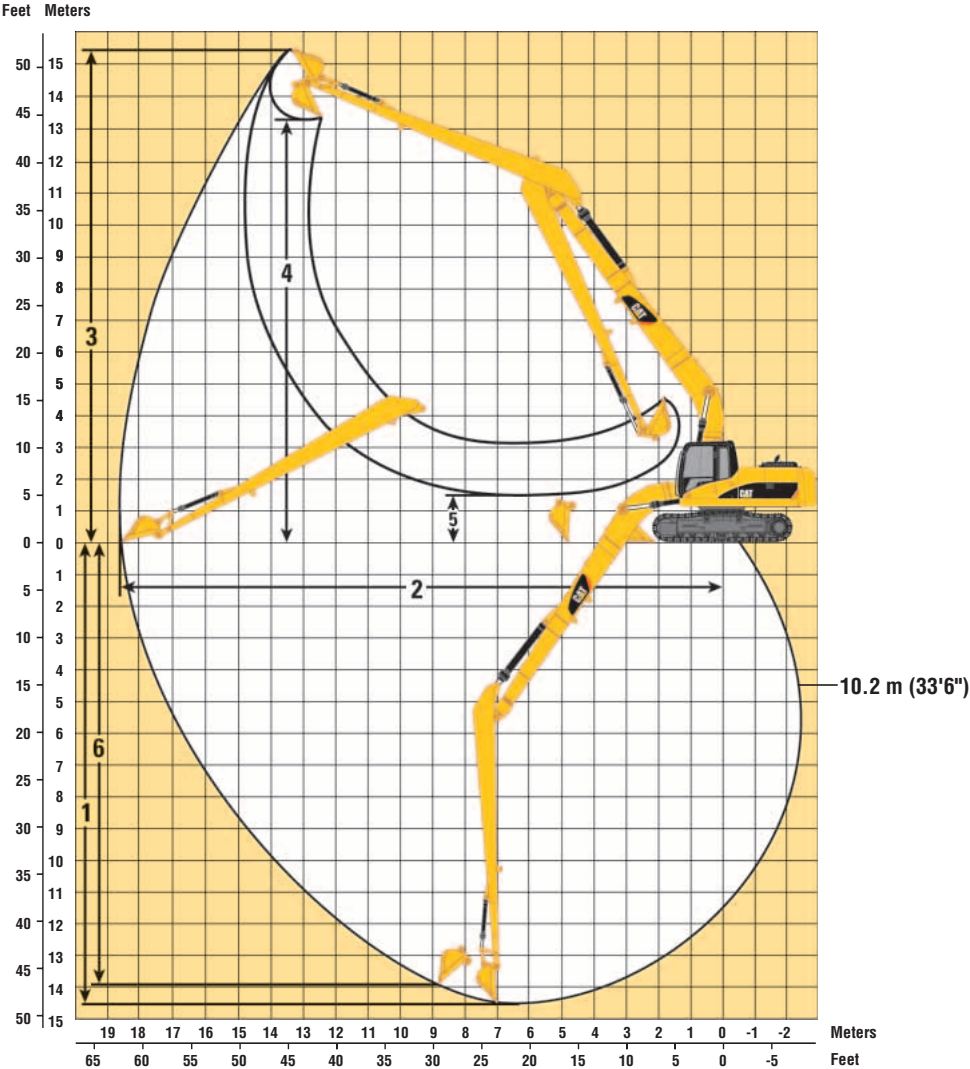


Boom Options		Super Long Reach Boom
		10.2 m (33'6")
Stick Options		7.85 m (25'9")
1	Shipping height	3230 mm (10'7")
2	Shipping length	14 380 mm (47'2")
3	Tail swing radius	3080 mm (10'1")
4	Length to center of rollers	3990 mm (13'1")
5	Track length	4860 mm (15'11")
6	Ground clearance	490 mm (1'7")
7	Track gauge	2590 mm (8'6")
8	Transport width	
	800 mm (32") shoes (standard)	3390 mm (11'1")
	700 mm (28") shoes (optional)	3290 mm (10'10")
	600 mm (24") shoes (optional)	3190 mm (10'6")
9	Cab height	3040 mm (10'0")
10	Counterweight clearance	1110 mm (3'8")

325D L Hydraulic Excavator

Reach Excavator Working Ranges

Reach (R) boom configuration



Boom Options	Super Long Reach Boom 10.2 m (33'6")
Stick Options	7.85 m (25'9")
Bucket Options	DC 0.61 m³ (0.8 yd³)
1 Maximum digging depth	14 594 mm (47'11")
2 Maximum reach at ground level	18 603 mm (61'0")
3 Maximum cutting height	15 411 mm (50'7")
4 Maximum loading height	13 285 mm (43'7")
5 Minimum loading height	1483 mm (4'10")
6 Maximum vertical wall digging depth	13 922 mm (45'7")

325D L Hydraulic Excavator

Bucket and Stick Forces

Stick Options	R3.75CB2	R3.2CB2	R3.2CB2 with Pin Grabber Coupler	R2.65CB2	R2.65CB2 with Pin Grabber Coupler	M3.2CB2	M2.5DB
Power Buckets							
Bucket Digging Force (ISO)	201 kN (45,187 lb)	200 kN (44,962 lb)	162 kN (36,419 lb)	201 kN (45,187 lb)	162 kN (36,419 lb)	200 kN (44,962 lb)	239 kN (53,729 lb)
Stick Digging Force (ISO)	120 kN (26,977 lb)	133 kN (29,900 lb)	125 kN (28,101 lb)	152 kN (34,171 lb)	142 kN (31,923 lb)	133 kN (29,900 lb)	162 kN (36,419 lb)
Bucket Digging Force (SAE)	176 kN (39,566 lb)	176 kN (39,566 lb)	157 kN (35,295 lb)	176 kN (39,566 lb)	157 kN (35,295 lb)	176 kN (39,566 lb)	209 kN (46,985 lb)
Stick Digging Force (SAE)	117 kN (26,303 lb)	129 kN (29,000 lb)	124 kN (27,876 lb)	147 kN (33,047 lb)	141 kN (31,698 lb)	129 kN (29,000 lb)	156 kN (35,070 lb)
HD and HDR Buckets							
Bucket Digging Force (ISO)	179 kN (40,241 lb)	179 kN (40,241 lb)	155 kN (34,845 lb)	180 kN (40,466 lb)	155 kN (34,845 lb)	179 kN (40,241 lb)	215 kN (48,334 lb)
Stick Digging Force (ISO)	118 kN (26,527 lb)	130 kN (29,225 lb)	123 kN (27,651 lb)	149 kN (33,497 lb)	139 kN (31,248 lb)	130 kN (29,225 lb)	158 kN (35,520 lb)
Bucket Digging Force (SAE)	159 kN (35,745 lb)	159 kN (35,745 lb)	142 kN (31,923 lb)	159 kN (35,745 lb)	142 kN (31,923 lb)	159 kN (35,745 lb)	189 kN (42,489 lb)
Stick Digging Force (SAE)	115 kN (25,853 lb)	126 kN (28,326 lb)	120 kN (26,977 lb)	143 kN (32,148 lb)	136 kN (30,574 lb)	126 kN (28,326 lb)	152 kN (34,171 lb)

Major Component Weights*

	kg	lb
Base machine with counterweight (without front linkage)		
With 800 mm (32") shoes	24 600	54,233
Two boom cylinders (each)	550	1,213
Counterweight		
Standard counterweight	5410	11,927
Super long reach counterweight	6760	14,903
Boom (includes lines, pins and stick cylinder)		
Reach boom 6.15 m (20'2")	2300	5,071
Mass boom 5.55 m (18'2")	2375	5,236
Super long reach boom 10.2 m (33'5")	3730	8,223
Stick (includes lines, pins, bucket cylinder and linkage)		
R3.75CB2 (12'4")	1580	3,483
R3.2CB2 (10'6")	1390	3,064
R2.65CB2 (8'8")	1300	2,866
M3.2CB2 (10'6")	1530	3,373
M2.5DB (8'2")	1470	3,241
Super long reach stick 7.85 m (25'9")	1610	3,549

* All weights are approximate.

325D L Hydraulic Excavator

Bucket Specifications and Compatibility

Bucket Type	Adaptor	Capacity*		Width		Tip Radius		Teeth	Total Weight		Reach Boom Stick			Mass Boom Stick
		m³	yd³	mm	in	mm	in		Qty	kg	lb	R3.75CB2	R3.2CB2	
CB Family Buckets														
General Purpose	K90	0.63	0.82	610	24	1656.3	65.2	3	729	1,606	●	●	●	●
	K90	0.86	1.12	762	30	1656.3	65.2	4	847	1,868	●	●	●	●
	K90	1.09	1.43	914	36	1656.3	65.2	5	951	2,097	●	●	●	●
	K90	1.34	1.75	1067	42	1656.3	65.2	5	1024	2,258	●	●	●	●
	K90	1.58	2.07	1219	48	1656.3	65.2	6	1121	2,471	◐	●	●	●
	K90	1.83	2.39	1372	54	1656.3	65.2	7	1218	2,684	○	◐	◐	◐
Heavy Duty	K100	0.53	0.69	610	24	1686.3	66.4	3	780	1,720	●	●	●	●
	K100	0.73	0.95	762	30	1686.3	66.4	3	858	1,891	●	●	●	●
	K100	0.93	1.22	914	36	1686.3	66.4	4	982	2,165	●	●	●	●
	K100	1.14	1.49	1067	42	1686.3	66.4	5	1073	2,365	●	●	●	●
	K100	1.35	1.77	1219	48	1686.3	66.4	5	1143	2,519	●	●	●	●
	K100	1.57	2.05	1372	54	1686.3	66.4	6	1238	2,730	◐	●	●	●
	K100	1.78	2.33	1524	60	1686.3	66.4	7	1334	2,941	○	◐	◐	◐
	K100	1.99	2.60	1676	66	1686.3	66.4	7	1406	3,101	∴	○	○	◐
Heavy Duty Rock	K100	0.73	0.95	762	30	1686.3	66.4	3	965	2,127	●	●	●	●
	K100	0.93	1.22	914	36	1686.3	66.4	4	1073	2,365	●	●	●	●
	K100	1.14	1.49	1067	42	1686.3	66.4	5	1174	2,588	●	●	●	●
	K100	1.35	1.77	1219	48	1686.3	66.4	5	1259	2,775	●	●	●	●
Heavy Duty Power	K100	1.12	1.46	1067	42	1592.1	62.7	5	1060	2,337	●	●	●	●
	K100	1.33	1.74	1219	48	1592.1	62.7	5	1137	2,507	●	●	●	●
	K100	1.53	2.00	1372	54	1592.1	62.7	6	1237	2,727	◐	●	●	●
Ditch Cleaning	N/A	1.25	1.63	1524	60	1262.0	49.7	—	739	1,629	●	●	●	●
	N/A	1.53	2.00	1830	72	1262.0	49.7	—	837	1,845	●	●	●	●

Assumptions for maximum material density rating:

- Front linkage fully extended at ground line
- Bucket curled
- 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.

● 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

325D L Hydraulic Excavator

Bucket Specifications and Compatibility

Bucket Type	Adaptor	Capacity*		Width		Tip Radius		Teeth	Total Weight		Mass Boom Stick
		m³	yd³	mm	in	mm	in	Qty	kg	lb	M2.5DB
DB Family Buckets											
General Purpose	K100	0.94	1.23	762	30	1753.4	69.0	3	993	2,189	●
	K100	1.19	1.56	914	36	1753.4	69.0	4	1088	2,398	●
	K100	1.46	1.91	1067	42	1753.4	69.0	5	1200	2,646	●
	K100	1.73	2.26	1219	48	1753.4	69.0	5	1288	2,839	●
	K100	2.00	2.62	1372	54	1753.4	69.0	6	1401	3,089	◐
	K100	2.27	2.97	1524	60	1753.4	69.0	7	1515	3,339	○
	K100	2.55	3.34	1676	66	1753.4	69.0	7	1602	3,532	○
Heavy Duty	K110	0.74	0.97	762	30	1779.1	70.0	3	1070	2,358	●
	K110	0.95	1.24	914	36	1779.1	70.0	4	1216	2,682	●
	K110	1.18	1.54	1067	42	1779.1	70.0	4	1310	2,889	●
	K110	1.41	1.84	1219	48	1779.1	70.0	5	1441	3,178	●
	K110	1.64	2.15	1372	54	1779.1	70.0	5	1539	3,393	●
	K110	1.87	2.45	1524	60	1779.1	70.0	6	1672	3,686	◐
	K110	2.10	2.75	1676	66	1779.1	70.0	7	1805	3,979	◐
	K110	2.34	3.06	1829	72	1779.1	70.0	7	1904	4,197	○
Heavy Duty Rock	K110	0.74	0.97	762	30	1779.1	70.0	3	1131	2,493	●
	K110	0.95	1.24	914	36	1779.1	70.0	4	1293	2,849	●
	K110	1.18	1.54	1067	42	1779.1	70.0	4	1400	3,086	●
	K110	1.41	1.84	1219	48	1779.1	70.0	5	1547	3,411	●
	K110	1.64	2.15	1372	54	1779.1	70.0	5	1660	3,659	●
Heavy Duty Power	K110	0.95	1.24	914	36	1681.8	66.2	4	1192	2,628	●
	K110	1.40	1.83	1219	48	1681.8	66.2	5	1421	3,132	●
	K110	1.63	2.13	1372	54	1681.8	66.2	5	1518	3,346	●
	K110	1.86	2.43	1524	60	1681.8	66.2	6	1650	3,637	●
Ditch Cleaning	N/A	1.63	2.13	1524	60	1410.0	55.5	—	1088	2,399	●
	N/A	1.91	2.50	1830	72	1410.0	55.5	—	1217	2,683	●

Assumptions for maximum material density rating:

- Front linkage fully extended at ground line
- Bucket curled
- 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.

● 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

325D L Hydraulic Excavator

325D L Work Tool Matching Guide

Boom Options	Reach Boom 6.15 m (20'2")			Mass Boom 5.55 m (18'2")	
Stick Options	R3.75CB2 (12'4")	R3.2CB2 (10'6")	R2.65CB2 (8'8")	M3.2CB2 (10'6")	M2.5DB (8'2")
Hydraulic Hammer	H120Cs/ H130s/ H140Ds	H120Cs/ H130s/ H140Ds	H120Cs/ H130s/ H140Ds	H120Cs/ H130s/ H140Ds	H120Cs/ H130s/ H140Ds
Multi-Processor	MP20	MP20 MP30 (boom mount)	MP20	MP20 N/A	MP20 N/A
360° Scrap Shear	S320	S320/S325* S340 (boom mount)	S320/S325*	S320/S325 N/A	S320/S325 N/A
Mechanical Shear	S115	S115	S115	S115	S115
Mechanical Pulverizer	P120	P120	P120	P120	P120
Trash Grapple**	Available as field installed attachment only				
Contractors' Grapple**	Available as field installed attachment only				
Rotating Sorting/Demolition Grapple	G315	G315/G320	G315/G320	G320	G320
Vibratory Plate Compactor	CVP110	CVP110	CVP110	CVP110	CVP110
Hydraulic Thumb**	Available as field installed attachment only				
Dedicated Quick Coupler**	Available as field installed attachment only				
Pin-Grabber Quick Coupler	Available as factory or field installed attachment			N/A	N/A

* S325 only without PG Coupler.

** Contact Cat Work Tools for availability and proper matching.

325D L Hydraulic Excavator

Reach Boom Lift Capacities



BOOM – 6.15 m (20'2")
R3.75CB2 STICK – 3.75 m (12'4")

BUCKET – 914 mm (36") HDP
with General Duty Tips
982 kg (2,165 lb)

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

	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			m ft
7.5 m 25 ft	kg lb								*4850 *10,150	*4850 *10,150			*3280 *7,250	*3280 *7,250	8.28 26.9	*2650 *5,900	*2650 *5,900	8.49 27.4
6.0 m 20 ft	kg lb								*5580 *12,200	5200 11,150	*3650 8,040	3600 7,930	*3160 *6,950	*3160 *6,950	9.13 29.8	*2450 *5,450	*2450 *5,450	9.66 31.4
4.5 m 15 ft	kg lb								*6160 *13,450	5050 10,850	*5120 *10,550	3560 7,600	*3170 *6,950	3040 6,750	9.68 31.7	*2390 *5,250	*2390 *5,250	10.42 34.1
3.0 m 10 ft	kg lb		*16 310 *35,950	*16 310 *35,950	*10 470 *22,500	*10 470 *22,500	*8170 *17,700	7040 15,150	*6980 *15,150	4830 10,350	5710 12,250	3460 7,400	*3290 *7,250	2800 6,200	9.97 32.7	*2400 *5,300	*2400 *5,300	10.87 35.6
1.5 m 5 ft	kg lb				*13 470 *29,050	10 310 22,200	*9740 *21,050	6580 14,150	7580 16,300	4590 9,850	5580 11,950	3330 7,150	*3520 *7,750	2710 5,950	10.02 32.9	*2500 *5,500	2350 5,200	11.06 36.3
Ground Line	kg lb		*6190 *14,200	*6190 *14,200	*15 450 *33,400	9660 20,800	10 590 22,750	6220 13,400	7350 15,800	4380 9,400	5460 11,750	3220 6,900	*3920 *8,650	2740 6,050	9.84 32.3	*2670 *5,900	2320 5,100	11.01 36.1
-1.5 m -5 ft	kg lb	*5280 *11,800	*5280 *11,800	*9000 *20,400	*9000 *20,400	*16 200 *35,100	9380 20,150	10 340 22,200	6000 12,900	7210 15,500	4250 9,150	5390 11,600	3160 *10,050	2930 6,450	9.42 30.9	*2960 *6,500	2400 5,300	10.71 35.1
-3.0 m -10 ft	kg lb	*8820 *19,800	*8820 *19,800	*13 100 *29,750	*13 100 *29,750	*15 900 *34,400	9340 20,050	10 260 22,050	5940 12,800	7170 15,400	4210 9,050		*5630 *12,500	3340 7,400	8.73 28.5	*3400 *7,500	2640 5,850	10.14 33.2
-4.5 m -15 ft	kg lb	*13 120 *29,550	*13 120 *29,550	*15 860 *35,350	*15 860 *35,350	*14 470 *31,200	9490 20,400	10 360 22,250	6020 12,950	7280 16,040	4310 9,500		7040 15,750	4170 9,350	7.67 25.0	*4130 *9,200	3120 6,950	9.24 30.2
-6.0 m -20 ft	kg lb			*16 020 *33,950	*16 020 *33,950	*11 300 *23,850	9860 21,250	*7760 17,150	6330 14,050							*4570 *9,850	4150 9,300	7.9 25.6

* 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.

BOOM – 6.15 m (20'2")
R3.2CB2 STICK – 3.2 m (10'6")

BUCKET – 914 mm (36") HD
with General Duty Tips
982 kg (2,165 lb)

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

	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			m ft
7.5 m 25 ft	kg lb								*4330 *9,540	*4330 *9,540			*4100 *9,100	*4100 *9,100	7.55 24.5	*3120 *6,870	*3120 *6,870	7.69 25.2
6.0 m 20 ft	kg lb								*6350 *13,900	5080 10,900			*3910 *8,650	*3910 *8,650	8.48 27.7	*2860 *6,350	*2860 *6,350	9.02 29.3
4.5 m 15 ft	kg lb						*7620 *16,500	7320 15,750	*6850 *14,950	4970 10,650	*4300 *9,480	3490 7,690	*3910 *8,600	3440 7,600	9.06 29.7	*2770 *6,100	*2770 *6,100	9.87 32.2
3.0 m 10 ft	kg lb				*12 060 *25,900	10 950 23,600	*9080 *19,650	6920 14,900	*7610 *16,550	4780 10,250	5670 *11,900	3430 7,350	*4060 *8,950	3160 7,000	9.37 30.7	*2790 *6,150	*2790 *6,150	10.36 33.9
1.5 m 5 ft	kg lb				*14 730 *31,750	10 120 21,800	*10 500 *22,700	6520 14,050	7560 16,250	4580 9,850	5580 11,950	3340 7,150	*4360 *9,600	3060 6,750	9.43 30.9	*2890 *6,350	2620 5,800	10.57 34.7
Ground Line	kg lb			*4870 *11,250	*4870 *11,250	*16 150 *34,950	9650 20,750	10 590 22,750	6230 13,400	7380 15,850	4410 9,500	5500 11,800	3270 *10,750	3120 6,900	9.24 30.3	*3090 *6,800	2580 5,700	10.51 34.5
-1.5 m -5 ft	kg lb	*5580 *12,500	*5580 *12,500	*9160 *20,800	*9160 *20,800	*16 350 *35,400	9500 20,400	10 420 22,400	6090 13,100	7280 15,650	4330 9,300		5680 12,550	3370 7,450	8.79 28.8	*3420 *7,550	2700 5,950	10.18 33.4
-3.0 m -10 ft	kg lb	*10 150 *22,800	*10 150 *22,800	*14 700 *33,400	*14 700 *33,400	*15 520 *33,600	9550 20,550	10 420 22,400	6090 13,100	7300 15,700	4340 9,350		6580 14,600	3930 8,700	8.04 26.3	*3950 *8,750	3000 6,650	9.56 31.3
-4.5 m -15 ft	kg lb			*18 830 *40,550	*18 830 *40,550	*13 450 *28,900	9790 21,050	*9870 *21,000	6240 13,450				*7920 *17,450	5120 11,500	6.87 22.3	*4860 *10,800	3650 8,100	8.56 28.0

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

325D L Hydraulic Excavator

Reach Boom Lift Capacities



Load Point
Height



Load Radius
Over Front



Load Radius
Over Side



Load at Maximum
Reach – Coupler Curled

BOOM – 6.15 m (20'2")
R3.2CB2 STICK – 3.2 m (10'6")

BUCKET – No Bucket
Bare Quick Coupler

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

	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 ft	kg lb								*5020 *9,450	*5020 *9,450			*4250 *9,450	*4250 *9,450	7.71 25.0
6.0 m 20 ft	kg lb								*6560 *14,200	5430 11,650			*4050 *8,950	*4050 *8,950	8.62 28.1
4.5 m 15 ft	kg lb						*7720 *16,750	7600 16,350	*7050 *15,400	5280 11,350	*4990 *9,250	3840 8,250	*4020 *8,850	3690 8,150	9.2 30.1
3.0 m 10 ft	kg lb				*11 980 *25,750	11 210 24,150	*9190 *19,900	7180 15,500	*7820 *17,000	5070 10,900	6000 12,900	3750 8,050	*4130 *9,100	3410 7,550	9.5 31.2
1.5 m 5 ft	kg lb				*14 780 *31,850	10 380 22,350	*10 660 *23,050	6780 14,600	7830 16,850	4850 10,450	5880 12,650	3650 7,850	*4380 *9,650	3300 7,300	9.56 31.4
Ground Line	kg lb		*5740 *13,200	*5740 *13,200	*16 350 *35,400	9910 21,300	10 820 23,250	6480 13,950	7640 16,450	4680 10,100	5790 12,450	3560 7,650	*4830 *10,650	3350 7,400	9.37 30.7
-1.5 m -5 ft	kg lb	*5940 *13,300	*5940 *13,300	*9650 *21,900	*9650 *21,900	*16 690 *36,150	9730 20,950	10 650 22,900	6330 13,650	7530 16,200	4590 9,900		*5570 *12,300	3570 7,900	8.93 29.3
-3.0 m -10 ft	kg lb	*10 270 *23,050	*10 270 *23,050	*14 840 *33,700	*14 840 *33,700	*15 970 *34,600	9760 21,000	10 620 22,850	6310 13,600	7530 16,250	4590 9,900		6640 14,750	4080 9,050	8.19 26.8
-4.5 m -15 ft	kg lb			*17 750 *39,850	*17 750 *39,850	*14 040 *30,200	9950 21,400	*10 420 *22,250	6440 13,900				*8190 *18,050	5160 11,550	7.05 22.9

* 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.



Load Point
Height



Load Radius
Over Front



Load Radius
Over Side



Load at Maximum
Reach – Bucket Curled



Load at Maximum
Reach – Bucket Extended

BOOM – 6.15 m (20'2")
R2.65CB2 STICK – 2.65 m (8'8")

BUCKET – 914 mm (36") HD
with General Duty Tips
982 kg (2,165 lb)

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

	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
7.5 m 25 ft	kg lb										*5260 *11,700	*5260 *11,700	7.08 22.9	*4020 *8,860	*4020 *8,860	7.07 23.2
6.0 m 20 ft	kg lb						*6930 *15,100	5080 10,850			*4990 *11,000	4390 9,800	8.06 26.3	*3670 *8,150	*3670 *8,150	8.5 27.6
4.5 m 15 ft	kg lb				*8250 *17,900	7290 15,700	*7340 *16,000	4980 10,700			*4970 *10,950	3780 8,400	8.67 28.4	*3540 *7,800	3490 7,750	9.38 30.6
3.0 m 10 ft	kg lb		*13 020 *27,950	10 780 23,250	*9650 *20,850	6900 14,850	7810 16,750	4810 10,350			*5140 *11,300	3470 7,650	9.0 29.5	*3550 *7,800	3080 6,800	9.89 32.4
1.5 m 5 ft	kg lb		*15 420 *33,250	10 010 21,600	10 910 23,450	6530 14,050	7600 16,350	4620 9,950	5640 12,430	3400 7,490	*5510 *12,100	3360 7,400	9.06 29.7	*3660 *8,050	2890 6,400	10.1 33.1
Ground Line	kg lb		*16 000 *35,600	9650 20,750	10 620 22,800	6280 13,500	7450 16,000	4480 9,650			5720 12,600	3440 7,600	8.86 29.1	*3890 *8,550	2860 6,300	10.04 33.0
-1.5 m -5 ft	kg lb	*9290 *21,150	*9290 *21,150	*16 180 *35,300	9580 20,600	10 500 22,550	6170 13,300	7380 15,900	4420 9,550		6220 13,750	3740 8,250	8.39 27.5	*4260 *9,400	3010 6,600	9.7 31.8
-3.0 m -10 ft	kg lb	*14 240 *31,550	*14 240 *31,550	*15 140 *32,750	9690 20,850	10 550 22,650	6210 13,400	7450	4490		7320 16,250	4410 9,800	7.6 24.8	*4860 *10,750	3370 7,450	9.06 29.7
-4.5 m -15 ft	kg lb	*15 810 *35,400	*15 810 *35,400	*12 610 *27,000	9980 21,500	*9090 *19,100	6440 13,900				*8170 *18,000	5940 13,350	6.35 20.6	*5600 *12,250	4170 9,300	8.02 26.2

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325D L Hydraulic Excavator

Reach Boom Lift Capacities



BOOM – 6.15 m (20'2")
R2.65CB2 STICK – 2.65 m (8'8")

BUCKET – No Bucket
 Bare Quick Coupler

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

		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
6.0 m 20 ft	kg lb							*7250 *15,800	5380 11,550			*5560 *12,350	*5560 *12,350	7.12 23.0
4.5 m 15 ft	kg lb					*8500 *18,450	7510 16,200	*7650 *16,700	5260 11,300			*5240 *11,600	4680 10,450	8.1 26.4
3.0 m 10 ft	kg lb			*13 240 *28,450	10 990 23,700	*9910 *21,450	7130 15,350	8060 17,350	5070 10,900	*5560 *12,250	3770 8,310	*5180 *11,400	4060 9,000	8.71 28.5
1.5 m 5 ft	kg lb			*15 720 *33,900	10 280 22,150	11 130 23,950	6770 14,600	7850 16,900	4880 10,500	5920 13,050	3690 8,130	*5310 *11,700	3750 8,300	9.03 29.6
Ground Line	kg lb			*16 790 *36,350	9940 21,400	10 850 23,350	6530 14,050	7690 16,550	4740 10,200			*5620 *12,400	3640 8,000	9.09 29.8
-1.5 m -5 ft	kg lb	*9550 *21,750	*9550 *21,750	*16 660 *36,100	9860 21,200	10 740 23,100	6420 13,850	7620 16,400	4680 10,100			5970 13,150	3700 8,150	8.89 29.2
-3.0 m -10 ft	kg lb	*15 080 *33,550	*15 080 *33,550	*15 510 *33,600	9950 21,400	10 770 23,150	6450 13,900	7690 16,950	4740 10,440			6440 14,250	3990 8,800	8.43 27.6
-4.5 m -15 ft	kg lb	*17 640 *37,950	*17 640 *37,950	*12 980 *27,850	10 200 21,950	*9450 *19,900	6650 14,400					7500 16,650	4630 10,300	7.63 24.9

* 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.

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

325D L Hydraulic Excavator

Super Long Reach Boom Lift Capacities



Load Point
Height



Load Radius
Over Front



Load Radius
Over Side



Load at Maximum
Reach – Bucket Curled

BOOM – 10.2 m (33'6")
STICK – 7.85 m (25'9")

BUCKET – 1142 mm (45")
Ditch Cleaning Bucket
290 kg (639 lb)

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

		6.0 m (20.0 ft)		7.5 m (25.0 ft)		9.0 m (30.0 ft)		10.5 m (35.0 ft)		12.0 m (40.0 ft)		13.5 m (45.0 ft)		15.0 m (50.0 ft)				m ft	
																			
13.5 m	kg																	*1140	13.59
45 ft	lb																	*2,550	43.98
12.0 m	kg																	*1050	14.76
40 ft	lb																	*2,350	47.97
10.5 m	kg													*1800	1700	*1000	*1000	15.69	
35 ft	lb													*3,250	*3,250	*2,200	*2,200	51.16	
9.0 m	kg													*2280	1710	*970	*970	16.43	
30 ft	lb													*4,700	3,600	*2,150	*2,150	53.69	
7.5 m	kg												*2290	2100	*2330	1670	*950	*950	17.01
25 ft	lb												*5,050	4,650	*5,150	3,550	*2,100	*2,100	55.66
6.0 m	kg												*2460	2080	*2430	1610	*940	*940	17.43
20 ft	lb												*5,400	4,450	*5,350	3,400	*2,100	*2,100	57.12
4.5 m	kg									*2770	2510	*2650	1960	*2560	1530	*950	930	17.72	
15 ft	lb									*6,050	5,350	*5,800	4,200	*5,600	3,250	*2,100	2,050	58.11	
3.0 m	kg							*3360	2970	*3070	2330	*2860	1830	2580	1450	*980	870	17.88	
10 ft	lb							*7,300	6,400	*6,700	5,000	*6,250	3,900	5,500	3,050	*2,150	1,950	58.65	
1.5 m	kg	*6880	6230	*5300	4560	*4380	3470	*3790	2710	*3380	2140	3000	1700	2480	1350	*1010	830	17.91	
5 ft	lb	*14,800	13,450	*11,450	9,850	*9,500	7,500	*8,200	5,850	*7,350	4,600	6,450	3,650	5,300	2,900	*2,250	1,850	58.76	
Ground Line	kg	*8090	5440	*6110	4050	*4950	3130	*4200	2470	3470	1970	2870	1580	2390	1270	*1060	820	17.81	
	lb	*17,450	11,750	*13,200	8,750	*10,700	6,750	*9,100	5,300	7,450	4,200	6,150	3,350	5,100	2,700	*2,350	1,800	58.44	
-1.5 m	kg	*8580	4910	6580	3660	5070	2850	4050	2260	3310	1820	2750	1470	2310	1190	*1130	820	17.59	
-5 ft	lb	*19,200	10,600	14,150	7,900	10,900	6,150	8,700	4,850	7,100	3,900	5,900	3,150	4,950	2,550	*2,500	1,800	57.68	
-3.0 m	kg	*7980	4610	6290	3400	4850	2640	3880	2110	3190	1700	2660	1380	2240	1130	*1220	850	17.22	
-10 ft	lb	*17,800	9,950	13,550	7,350	10,450	5,700	8,350	4,500	6,850	3,650	5,700	2,950	4,800	2,400	*2,700	1,850	56.47	
-4.5 m	kg	*7800	4460	6120	3250	4700	2510	3770	2000	3100	1620	2590	1320	2210	1090	*1340	900	16.72	
-15 ft	lb	*17,400	9,600	13,200	7,000	10,100	5,400	8,100	4,300	6,650	3,450	5,600	2,850	4,750	2,350	*2,950	2,000	54.77	
-6.0 m	kg	*7840	4430	6050	3190	4630	2440	3700	1940	3050	1570	2560	1290	2200	1080	*1500	980	16.06	
-20 ft	lb	*17,500	9,550	13,050	6,850	9,950	5,250	7,950	4,150	6,550	3,350	5,500	2,800	4,750	2,350	*3,350	2,150	52.53	
-7.5 m	kg	*8070	4480	6060	3190	4620	2430	3690	1930	3040	1570	2570	1300	2240	1120	*1720	1100	15.22	
-25 ft	lb	*18,050	9,650	13,050	6,900	9,950	5,250	7,950	4,150	6,550	3,350	5,550	2,800	4,930	2,460	*3,850	2,450	49.69	
-9.0 m	kg	*8530	4600	6140	3270	4670	2480	3730	1970	3090	1610	2640	1370			*2040	1300	14.17	
-30 ft	lb	18,850	9,950	13,250	7,050	10,100	5,350	8,050	4,250	6,700	3,500	5,750	3,000			*4,600	2,900	46.13	
-10.5 m	kg	*8660	4810	6300	3410	4790	2590	3840	2070	3210	1720					*2560	1600	12.87	
-35 ft	lb	*18,600	10,400	13,600	7,400	10,350	5,600	8,350	4,500	7,000	3,750					*5,800	3,600	41.67	
-12.0 m	kg	*7600	5110	*6120	3640	*4990	2790	*4000	2270							*3490	2110	11.21	
-40 ft	lb	*16,150	11,100	*12,950	7,900	*10,500	6,100	*8,200	5,000							*7,700	4,850	35.96	
-13.5 m	kg	*5880	5550	*4640	4010														
-45 ft	lb	*12,960	12,230	*9,300	8,800														

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325D L Hydraulic Excavator

Mass Boom Lift Capacities



BOOM – 5.55 m (18'2")
M3.2CB2 STICK – 3.2 m (10'6")

BUCKET – 914 mm (36") HD
 with General Duty Tips
 982 kg (2,165 lb)

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

		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			m ft
7.5 m 25 ft	kg lb											*3920 *8,700	*3920 *8,700	6.87 22.2	*2820 *6,250	*2820 *6,250	8.3 26.9	
6.0 m 20 ft	kg lb									*5100 *10,100	5090 *10,100	*3690 *8,150	*3690 *8,150	7.88 25.7	*2710 *5,950	*2710 *5,950	9.2 30.1	
4.5 m 15 ft	kg lb						*7680 *16,750	7470 16,050	*6720 *14,200	5030 10,800	*3680 *8,100	*3680 *8,100	8.51 27.8	*2720 *6,000	*2720 *6,000	9.73 31.9		
3.0 m 10 ft	kg lb			*17 280 *36,850	*17 280 *36,850	*11 410 *24,600	*11 410 24,550	*9050 *19,650	7110 15,300	*7840 16,950	4860 10,450	*3820 *8,400	3580 7,900	8.83 29.0	*2820 *6,200	*2820 *6,200	9.94 32.6	
1.5 m 5 ft	kg lb			*9390 *22,350	*9390 *22,350	*14 270 *30,800	10 540 22,700	*10 500 *22,750	6710 14,450	7680 16,500	4670 10,050	*4140 *9,100	3460 7,600	8.9 29.2	*3040 *6,700	2930 6,450	9.88 32.4	
Ground Line	kg lb			*9430 *21,600	*9430 *21,600	*16 070 *34,750	9950 21,400	10 790 23,200	6400 13,750	7500 16,100	4510 9,700	*4680 *10,300	3530 7,800	8.7 28.5	*3410 *7,500	3070 6,750	9.54 31.3	
-1.5 m -5 ft	kg lb		*7680 *17,200	*7680 *17,200	*13 300 *30,250	*13 300 *30,250	*16 510 *35,750	9710 20,850	10 600 22,750	6220 13,400	7400 15,900	4420 9,500	*5610 *12,400	3840 8,500	8.22 26.9	*4010 *8,850	3450 7,650	8.88 29.1
-3.0 m -10 ft	kg lb		*12 490 *28,050	*12 490 *28,050	*15 470 *34,450	*15 470 *34,450	*15 620 *33,750	9720 20,900	10 580 22,750	6210 13,400		*7390 *16,500	4550 10,100	7.4 24.2	*5110 *11,350	4310 9,600	7.81 25.5	
-4.5 m -15 ft	kg lb			*17 700 *39,700	*17 700 *39,700	*12 950 *27,650	9970 21,450	*8920 *19,660	6420 14,150			*8580 *18,900	6240 14,050	6.12 19.8				

* 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.

BOOM – 5.55 m (18'2")
M2.5DB STICK – 2.5 m (8'2")

BUCKET – 1219 mm (48") HD
 with General Duty Tips
 1441 kg (3,177 lb)

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

	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			m ft
6.0 m 20 ft	kg lb						*7430 *16,300	7180 15,350				*5860 *13,050	5.96 19.2	*3870 *8,600	*3870 *8,600	7.5 24.3
4.5 m 15 ft	kg lb						*8240 *17,900	6990 15,000	*7310 *14,400	4560 9,750	*5520 *12,200	5120 11,450	7.1 23.1	*3720 *8,200	*3720 *8,200	8.52 27.8
3.0 m 10 ft	kg lb				*12 470 *26,850	10 750 23,150	*9490 *20,550	6640 14,250	7470 16,000	4440 9,500	*5550 *12,250	4200 9,350	7.79 25.5	*3760 *8,300	3220 7,150	9.09 29.8
1.5 m 5 ft	kg lb				*14 890 *32,150	9910 21,350	10 710 23,000	6270 13,500	7290 15,650	4290 9,200	*5860 *12,900	3760 8,300	8.15 26.7	*3950 *8,700	2960 6,550	9.32 30.6
Ground Line	kg lb		*8240 *19,000	*8240 *19,000	*16 040 *34,700	9450 20,300	10 410 22,350	6010 12,900	7160 15,350	4160 8,950	6210 13,700	3610 7,950	8.22 27.0	*4290 *9,450	2920 6,450	9.25 30.4
-1.5 m -5 ft	kg lb	*8810 *19,750	*8810 *19,750	*14 680 *33,450	*14 680 *33,450	*15 840 *34,300	9340 20,050	5910 22,100			6420 14,150	3720 8,200	8.0 26.2	*4870 *10,750	3120 6,900	8.86 29.1
-3.0 m -10 ft	kg lb			*20 260 *43,850	19 700 42,100	*14 270 *30,800	9480 20,400	*10 270 *22,000	5990 12,900		7170 15,850	4160 9,200	7.47 24.5	*5840 *12,950	3660 8,100	8.13 26.6
-4.5 m -15 ft	kg lb					*10 340 *21,700	9920 21,400					*8880 *19,600	5220 11,650	6.57 21.4		

* 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.

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