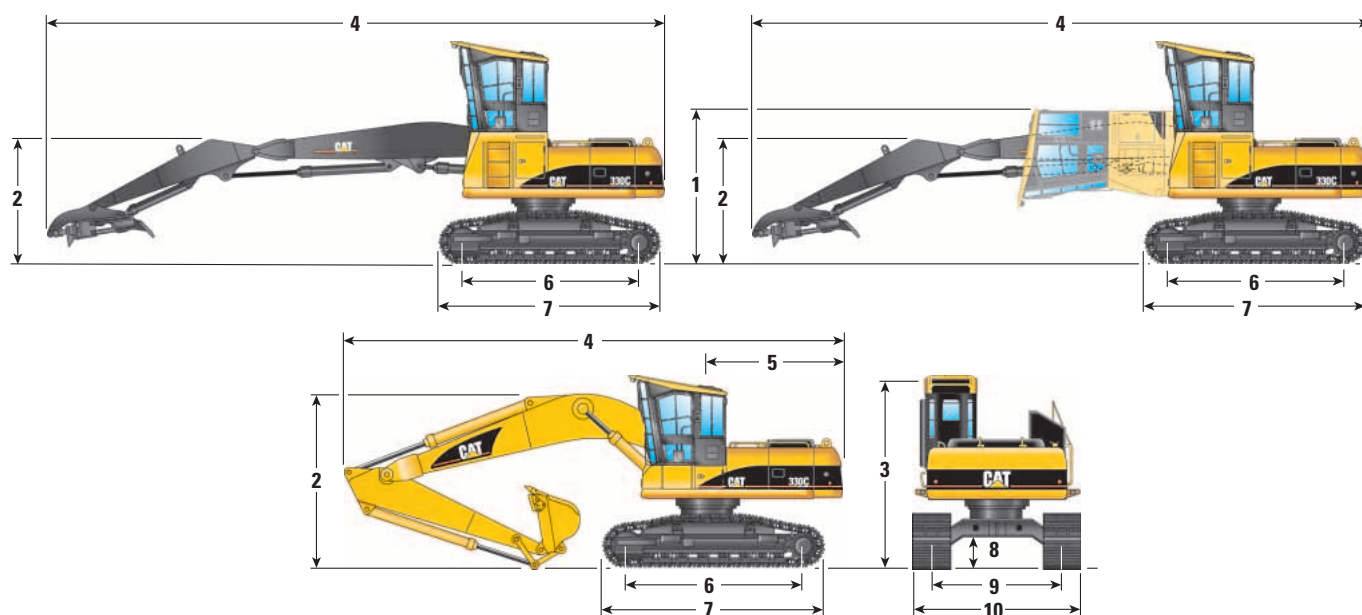


330C FM Forest Machine

Dimensions

All dimensions are approximate.



330C General Forestry

	HD LC U/C	HW U/C
1 Shipping height. (All risers with cab tilted)	3204 mm (10' 6")	3446 mm (11' 4")
2 Boom height	3750 mm (12' 4")	3757 mm (12' 4")
3 Overall height [457 mm (18") riser]	3923 mm (12' 10")	4164 mm (13' 8")
4 Shipping length* (Reach boom)	11 190 mm (36' 9")	11 190 mm (36' 9")
5 Tail swing radius	3534 mm (11' 7")	3534 mm (11' 7")
6 Length to centers of rollers	4040 mm (13' 3")	4030 mm (13' 3")
7 Track length	5080 mm (16' 8")	5070 mm (16' 8")
8 Ground clearance	515 mm (20")	744 mm (29")
9 Track gauge	2590 mm (8' 6")	2920 mm (9' 7")
10 Transport width with 700 mm (27.5") shoes (DG)**	3516 mm (11' 6")	3620 mm (11' 11")

330C Log Loaders

	Under/Under	Over/Under
1 Shipping height. (All risers with cab tilted)	3446 mm (11' 4")	3446 mm (11' 4")
2 Boom height	3058 mm (10' 0")	3013 mm (9' 11")
3 Overall height [1219 mm (48") riser]	4926 mm (16' 2")	4926 mm (16' 2")
4 Shipping length*	16 671 mm (54' 8")	17 363 mm (57' 0")
5 Tail swing radius	3534 mm (11' 7")	3534 mm (11' 7")
6 Length to centers of rollers	4030 mm (13' 3")	4030 mm (13' 3")
7 Track length	5070 mm (16' 8")	5070 mm (16' 8")
8 Ground clearance	744 mm (29")	744 mm (29")
9 Track gauge	2920 mm (9' 7")	2920 mm (9' 7")
10 Transport width with 700 mm (27.5") shoes (DG)**	3620 mm (11' 11")	3620 mm (11' 11")

* Shipping length to pin on stick for Road Builder, to pin on grapple for Heel Boom configurations.

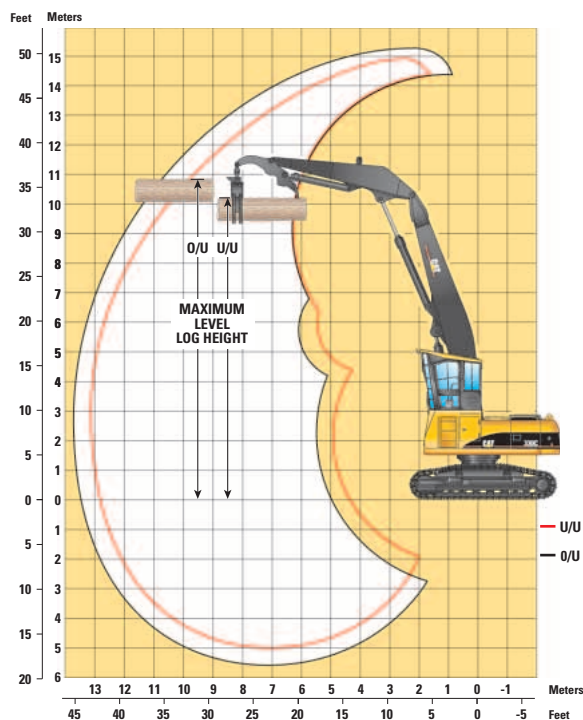
** Shipping width determined by width of upper structure and walkways.

330C FM Forest Machine

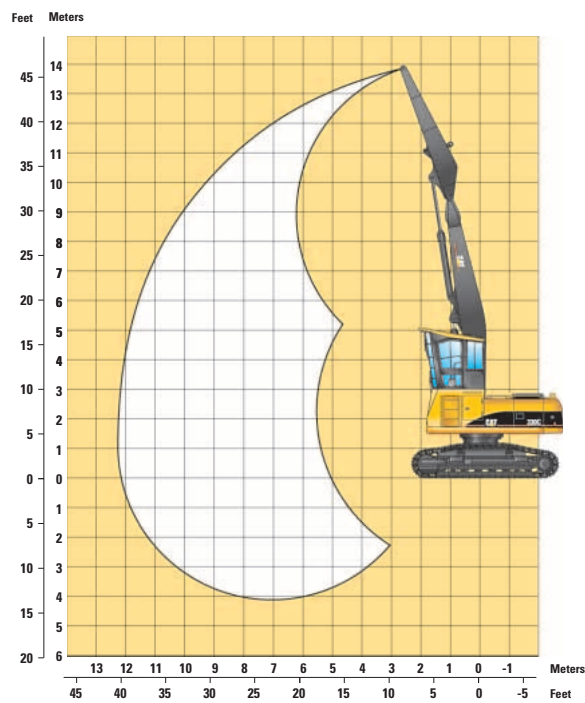
330C Working Ranges

Heel Boom (Under/Under, Over/Under), Butt-N-Top, and Road Builder Reach and Mass ranges

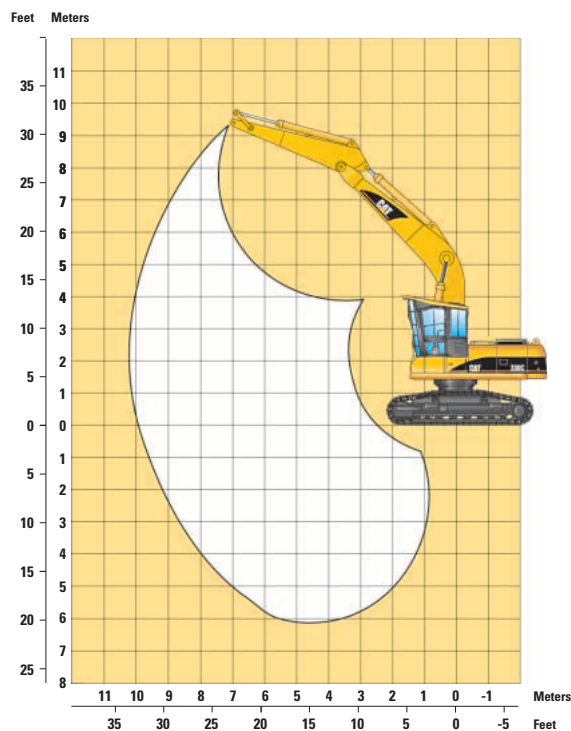
Heel Boom



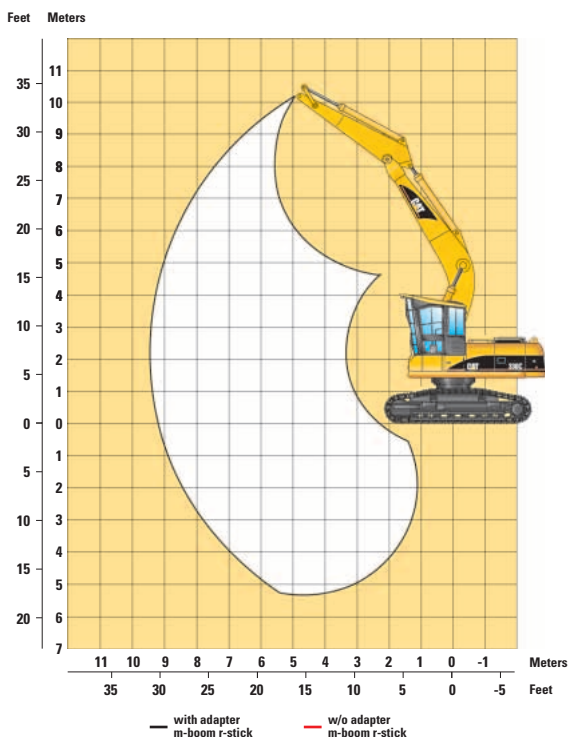
Butt-N-Top



6.5 m (21' 2") Reach Boom with 3.9 m (12' 9") Reach Stick



6.18 m (20' 2") Mass Boom with 3.52 m (11' 6") Reach Stick



330C FM Forest Machine

330C FM HW Heel Boom Over/Under Lift Capacities

CONFIGURATION – 13.8 m (45') OVER/UNDER UNDERCARRIAGE – HW SHOES – 700 mm (28") Double Grouser

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		12.0 m/40.0 ft		13.5 m/45.0 ft		Load at Maximum Reach		
		Over Front	Over Side	Over Front	Over Side	Over Front	Over Side	Over Front	Over Side	Over Front	Over Side	Over Front	Over Side	Over Front	Over Side	Over Front	Over Side	Over Front	Over Side	m ft
15.0 m	kg			13 600*	13 600*													12 100*	12 100*	5.06
50.0 ft	lb																	30,100*	30,100*	14.42
13.5 m	kg					25,200*	25,200*	9500*	9500*									8000*	8000*	7.88
45.0 ft	lb																	18,400*	18,400*	24.81
12.0 m	kg							10 500*	10 500*	8900*	7900							6500*	6500*	9.69
40.0 ft	lb							22,900*	22,900*	18,200*	16,700							14,700*	14,700*	31.14
10.5 m	kg							10 400*	10 400*	9900*	8200	7900*	6100					5800*	5400	11.00
35.0 ft	lb							22,900*	22,900*	21,400*	17,500	15,600*	12,900					12,800*	12,200	35.67
9.0 m	kg							22,400*	22,400*	9800*	8300	8500	6300					5300*	4700	11.98
30.0 ft	lb									21,400*	17,800	18,100	13,300					11,700*	10,400	39.04
7.5 m	kg							9900*	9900*	9900*	8200	8500	6300	6700	4800			5000*	4200	12.71
25.0 ft	lb							22,000*	22,000*	21,600*	17,700	18,200	13,400	14,200	10,300			11,100*	9300	41.53
6.0 m	kg							10 100*	10 100*	10 200*	8100	8400	6200	6600	4800			4800*	3900	13.23
20.0 ft	lb							22,300*	22,300*	22,200*	17,300	18,000	13,200	14,200	10,300			10,700*	8600	43.30
4.5 m	kg					8100*	8100*	10 500	10 600*	10 600*	7800	8200	6000	6600	4700	5300	3800	4800*	3700	13.56
15.0 ft	lb					18,300*	18,300*	14,500*	22,700	22,800	16,800	17,700	12,900	14,100	10,100			10,500*	8200	44.44
3.0 m	kg							13 000*	10 000	10 300	7500	8000	5800	6500	4900	5300	3700	4700*	3600	13.71
10.0 ft	lb					24,500*	24,500*	28,200*	21,500	22,100	16,100	17,200	12,500	13,800	9900			10,400*	8000	44.98
1.5 m	kg					17 100*	13 300	13 200	9500	9900	7200	7800	5600	6300	4500	5200	3700	4800*	3600	13.70
5.0 ft	lb					37,000*	28,500	28,300	20,400	21,300	15,400	16,800	12,100	13,600	9700			10,600*	7900	44.97
† 0.0 m	kg					17 400*	12 400	12 700	9000	9600	6900	7600	5500	6200	4400	4300*	3700	4100*	3700	13.53
† 0.0 ft	lb					37,600*	26,700	27,200	19,300	20,700	14,800	16,400	11,700	13,400	9500			9000*	8100	44.39
-1.5 m	kg					16 600*	11 900	12 300	8600	9400	6700	7500	5300	6200	4400					
-5.0 ft	lb					35,900*	25,500	26,300	18,600	20,200	14,300	16,100	11,400	13,000*	9400					
-3.0 m	kg	3200*	3200*	7600*	7600*	14 700*	11 600	11 600*	8400	9100*	6500	7000*	5300	4500*	4400					
-10.0 ft	lb	7400*	7400*	17,700*	17,700*	31,600*	24,900	24,800*	18,100	19,500*	14,000	14,700*	11,300	8600*	8600*					
-4.5 m	kg			10 000*	10 000*	11 500*	11 500*	9200*	8400	7000*	6500	4700*	4700*							
-15.0 ft	lb			23,100*	23,100*	24,600*	24,600*	19,500*	18,000	14,700*	14,000									

* Indicates that the load is limited by hydraulic capacity rather than tipping capacity. Lift capacity ratings are based on SAE standard 2417. Rated loads are at 87% of hydraulic lifting capacity or 75% of tipping capacity over front and side.

† Ground line.

Lift Point is at the heel to grapple pin.

330C FM HW Heel Boom Under/Under Lift Capacities

CONFIGURATION – 13.19 m (43') UNDER/UNDER UNDERCARRIAGE – HW SHOES – 700 mm (28") Double Grouser

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		12.0 m/40.0 ft		Load at Maximum Reach		
		Over Front	Over Side	Over Front	Over Side	Over Front	Over Side	Over Front	Over Side	Over Front	Over Side	Over Front	Over Side	Over Front	Over Side	Over Front	Over Side	m ft
15.0 m 45.0 ft	kg lb	19 200*	19 200*													19 200*	19 200*	3.03
13.5 m 45.0 ft	kg lb					12 000* 25,200*	12 000* 25,200*									9700* 22,500*	9700* 22,500*	6.78 21.00
12.0 m 40.0 ft	kg lb							11 100* 23,700*	10 700 22,800							7600* 17,100*	7600* 17,100*	8.82 28.21
10.5 m 35.0 ft	kg lb							11 500* 25,100*	11 000 23,600	10 300* 21,900*	8100 17,200					6600* 14,700*	6200 14,000	10.24 33.15
9.0 m 30.0 ft	kg lb							11 400* 24,900*	11 100 23,800	10 400* 22,600*	8200 17,500	8400 17,900	6200 13,200			6000* 13,300*	5300 11,800	11.29 36.75
7.5 m 25.0 ft	kg lb							11 500* 25,400*	11 000 23,700	10 500* 22,800*	8200 17,500	8500 18,100	6300 13,400	6300*	4800	5700* 12,500*	4700 10,500	12.06 39.39
6.0 m 20.0 ft	kg lb					9900* 22,100*	9900* 22,100*	12 000* 26,500*	10 800 23,200	10 700* 23,200	8000 17,200	8400 18,000	6200 13,300	6700 14,300	4900 10,400	5500* 12,000*	4400 9700	12.60 41.25
4.5 m 15.0 ft	kg lb					11 000* 24,400*	11 000* 24,400*	12 900* 28,000*	10 500 22,500	10 600 22,800	7800 16,800	8300 17,800	6100 13,100	6600 14,200	4800 10,300	5400* 11,800*	4200 9200	12.95 42.44
3.0 m 10.0 ft	kg lb					16 300* 35,500*	14 100 30,300	13 600* 29,500*	10 000 21,600	10 300 22,200	7600 16,300	8100 17,500	5900 12,800	6600 14,100	4800 10,200	5400* 11,800*	4100 9000	13.11 43.02
1.5 m 5.0 ft	kg lb					17 800* 38,500*	13 300 28,600	13 300 28,500	9600 20,600	10 100 21,600	7300 15,800	8000 17,100	5800 12,500	6500 14,000	4700 10,100	5400* 11,900*	4100 9000	13.10 43.00
† 0.0 m † 0.0 ft	kg lb					17 800* 38,500*	12 700 27,300	12 900 27,700	9200 19,800	9800 21,100	7100 15,300	7800 16,800	5700 12,200	6400 13,800	4600 10,000	4600* 10,100*	4200 9200	12.92 42.39
-1.5 m -5.0 ft	kg lb			5900* 13,900*	5900* 13,900*	16 600* 35,800*	12 300 26,400	12 600 27,100	9000 19,300	9700 20,800	6900 14,900	7700 16,700	5600 12,000	5600* 11,200*	4600 9900			
-3.0 m -10.0 ft	kg lb	3700* 8400*	3700* 8400*	8100* 18,700*	8100* 18,700*	14 200* 30,500*	12 100 26,100	11 200* 24,100*	8900 19,000	8800* 18,800*	6900 14,800	6500* 13,400*	5600 12,000					
-4.5 m -15.0 ft	kg lb					10 500* 22,500*	10 500* 22,500*	8400* 17,800*	8400* 17,800*	6200* 12,900*	6200* 12,900*							

* Indicates that the load is limited by hydraulic capacity rather than tipping capacity. Lift capacity ratings are based on SAE standard 2417. Rated loads are at 87% of hydraulic lifting capacity or 75% of tipping capacity over front and side.

† Ground line.

Lift Point is at the heel to grapple pin.

330C FM Forest Machine

330C FM HW Butt-N-Top Lift Capacities

CONFIGURATION – Butt-N-Top 12.27 m (40')

UNDERCARRIAGE – HW
SHOES – 700 mm (28") Double Grouser

Load Point Height		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		12.0 m/40.0 ft		Load at Maximum Reach		
		Over Front	Over Side	Over Front	Over Side	Over Front	Over Side	Over Front	Over Side	Over Front	Over Side	Over Front	Over Side	Over Front	Over Side	m ft
13.5 m 45.0 ft	kg lb	16 000*	16 000*											15 200* 37,000*	15 200* 37,000*	4.69 13.51
12.0 m 40.0 ft	kg lb			14 300* 30,800*	14 300* 30,800*									10 500* 23,800*	10 500* 23,800*	7.35 23.23
10.5 m 35.0 ft	kg lb			14 400* 31,700*	14 400* 31,700*	12 900* 28,300*	11 200 23,900	8900* 8100						8800* 19,600*	8100 18,300	9.01 29.04
9.0 m 30.0 ft	kg lb			31,100*	31,100*	12 700* 27,700*	11 300 24,200	11 200 24,000	8400 18,000					7900* 17,600*	6700 15,000	10.19 33.10
7.5 m 25.0 ft	kg lb			13 900* 30,700*	13 900* 30,700*	12 900* 28,000*	11 200 24,100	11 200 24,100	8400 18,000	8700 18,700	6500 13,900			7400* 16,400*	5900 13,100	11.03 36.01
6.0 m 20.0 ft	kg lb			14 400* 31,900*	14 400* 31,900*	13 300* 28,900*	11 000 23,600	11 100 23,900	8300 17,800	8700 18,700	6500 13,900			7100* 15,700*	5400 12,000	11.63 38.04
4.5 m 15.0 ft	kg lb			16 900* 36,500*	14 900 32,000	13 900* 30,100*	10 600 22,900	10 900 23,400	8100 17,400	8600 18,500	6400 13,700	7000	5100	7000 15,400	5100 11,300	12.00 39.33
3.0 m 10.0 ft	kg lb			17 900* 38,800*	14 100 30,000	14 000 30,000	10 200 22,000	10 700 22,900	7900 16,900	8500 18,300	6300 13,500	7000	5100	6800 15,000	5000 11,000	12.18 39.95
1.5 m 5.0 ft	kg lb			18 300* 39,600*	13 400 28,900	13 600 29,100	9800 21,200	10 400 22,400	7600 16,400	8400 18,000	6200 13,200	6900	5100	6300* 14,000*	5000 11,000	12.17 39.93
† 0.0 m † 0.0 ft	kg lb			17 500* 37,900*	12 900 27,800	13 200 28,500	9500 20,500	10 200 22,000	7500 16,100	8300 17,800	6100 13,100			5400* 11,800*	5100 11,200	11.97 39.28
-1.5 m -5.0 ft	kg lb	7000* 16,400*	7000* 16,400*	15 500* 33,600*	12 700 27,300	12 400* 26,800*	9400 20,200	9800* 21,100*	7400 15,900	7300* 15,400*	6000 13,000					
-3.0 m -10.0 ft	kg lb	10 000* 23,000*	10 000* 23,000*	12 400* 26,600*	12 400* 26,600*	10 000* 21,400*	9300 20,100	7700* 16,100*	7300 15,800							

* Indicates that the load is limited by hydraulic capacity rather than tipping capacity. Lift capacity ratings are based on SAE standard 2417. Rated loads are at 87% of hydraulic lifting capacity or 75% of tipping capacity over front and side.

† Ground line.

Lift Point is at the stick end.

330C FM HW Mass Boom, Mass Stick

CONFIGURATION – 6.18 m (20'2") Mass Boom, 3.5 m (11'6") Stick,
Standard Counterweight

UNDERCARRIAGE – HW
SHOES – 700 mm (28") Double Grouser

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		Load at Maximum Reach		
		Over Front	Over Side	Over Front	Over Side	Over Front	Over Side	Over Front	Over Side	Over Front	Over Side	Over Front	Over Side	Over Front	Over Side	m ft
9.0 m 30.0 ft	kg lb													5 20* 11,600*	5 200* 11,600*	6.77 21.71
7.5 m 25.0 ft	kg lb									7 500* 14,700*	7 500* 14,700*			4 700* 10,500*	4 700* 10,500*	7.99 25.95
6.0 m 20.0 ft	kg lb									8 100* 17,800*	8 100* 17,800*			4 600* 10,000*	4 600* 10,000*	8.79 28.72
4.5 m 15.0 ft	kg lb							9 800* 21,300*	9 800* 21,300*	8 700* 19,000*	8 700* 19,000*	6 900* 12,600*	6 900* 12,600*	4 500* 10,000*	4 500* 10,000*	9.29 30.41
3.0 m 10.0 ft	kg lb					15 100* 32,400*	15 100* 32,400*	11 300* 24,500*	11 300* 24,500*	9 500* 20,600*	8 900 19,100	8 400* 17,400*	6 800 14,600	4 600* 10,200*	4 600* 10,200*	9.52 31.21
1.5 m 5.0 ft	kg lb					37,600*	37,600*	12 700* 27,400*	11 700 25,300	10 200* 22,100*	8 600 18,500	8 700* 18,900*	6 700 14,300	4 900* 10,800*	4 900* 10,800*	9.50 31.19
† 0.0 m † 0.0 ft	kg lb			10 000* 22,600*	10 000* 22,600*	18 400* 39,700*	17 300 37,200	13 400* 29,100*	11 400 24,500	10 700* 23,100*	8 400 18,000	8 500* 15,000*	6 500 14,100	5 400* 11,800*	5 400* 11,800*	9.25 30.34
-1.5 m -5.0 ft	kg lb			15 500* 34,900*	15 500* 34,900*	18 100* 39,100*	17 200 36,800	13 500* 29,100*	11 200 24,100	10 600* 22,900*	8 300 17,800			6 200* 13,600*	6 200* 13,600*	8.73 28.59
-3.0 m -10.0 ft	kg lb	16 300* 36,300*	16 300* 36,300*	22 700* 49,900*	22 700* 49,900*	16 600* 35,900*	16 600* 35,900*	12 600* 27,100*	11 200 24,200	9 600* 20,400*	8 300 18,000			7 600* 16,900*	7 600* 16,900*	7.89 25.76
-4.5 m -15.0 ft	kg lb			18 300* 39,200*	18 300* 39,200*	13 600* 29,100*	13 600* 29,100*	10 000* 21,100*	10 000* 21,100*					8 500* 18,500*	8 500* 18,500*	6.60 21.41

* Indicates that the load is limited by hydraulic capacity rather than tipping capacity. Lift capacity ratings are based on ISO 10567. Rated loads are at 87% of hydraulic lifting capacity or 75% of tipping capacity over front and side.

† Ground line.

Lift Point is at the stick end.

330C FM Forest Machine

330C FM HW Reach Boom, Reach Stick

CONFIGURATION – 6.5 m (21'2") Reach Boom, 3.9 m (12") Reach Stick, Heavy Counterweight

UNDERCARRIAGE – HW
SHOES – 700 mm (28") Double Grouser

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		Load at Maximum Reach		
		Over Front	Over Side	Over Front	Over Side	Over Front	Over Side	Over Front	Over Side	Over Front	Over Side	Over Front	Over Side	Over Front	Over Side	m ft
9.0 m	kg									6200*	6200*			5600*	5600*	7.62
30.0 ft	lb													12,500*	12,500*	24.55
7.5 m	kg									7000*	7000*			5300*	5300*	8.72
25.0 ft	lb									15,300*	15,300*			11,700*	11,700*	28.37
6.0 m	kg									7300*	7300*	7100*	7100*	5200*	5200*	9.46
20.0 ft	lb									16,000*	16,000*	14,700*	14,700*	11,400*	11,400*	30.91
4.5 m	kg							9100*	9100*	8000*	8000*	7400*	7400*	5200*	5200*	9.92
15.0 ft	lb							19,600*	19,600*	17,400*	17,400*	16,200*	16,200*	11,400*	11,400*	32.49
3.0 m	kg					14 200*	14 200*	10 600*	10 600*	8900*	8900*	7800*	7800*	5400*	5400*	10.14
10.0 ft	lb					30,500*	30,500*	23,000*	23,000*	19,200*	19,200*	17,100*	16,800*	11,800*	11,800*	33.24
1.5 m	kg					16 700*	16 700*	12 100*	12 100*	9700*	9700*	8300*	7600*	5700*	5700*	10.12
5.0 ft	lb					36,100*	36,100*	26,100*	26,100*	21,000*	21,000*	18,000*	16,400*	12,500*	12,500*	33.22
† 0.0 m	kg			8300*	8300*	17 900*	17 900*	13 000*	13 000*	10 300*	9600	8600*	7500	6200*	6200*	9.88
† 0.0 ft	lb					38,700*	38,700*	28,100*	27,900	22,200*	20,600	18,600*	16,100	13,700*	13,700*	32.43
-1.5 m	kg	8800*	8800*	12 800*	12 800*	17 900*	17 900*	13 300*	12 800	10 500*	9400	8500*	7400	7100*	7000	9.40
-5.0 ft	lb	19,600*	19,600*	28,900*	28,900*	38,800*	38,800*	28,700*	27,500	22,600*	20,300	18,300*	16,000	15,600*	15,500	30.80
-3.0 m	kg	13 600*	13 600*	18 600*	18 600*	17 000*	17 000*	12 800*	12 700	10 000*	9400			8200*	7900	8.62
-10.0 ft	lb	30,300*	30,300*	42,000*	42,000*	36,700*	36,700*	27,600*	27,400	21,600*	20,300			18,100*	17,400	28.19
-4.5 m	kg			20 400*	20 400*	14 800*	14 800*	11 300*	11 300*					8300*	8300*	7.47
-15.0 ft	lb			43,800*	43,800*	31,900*	31,900*	24,100*	24,100*					18,100*	17,400	24.29
-6.0 m	kg					10 600*	10 600*							7900*	7900*	5.71
-20.0 ft	lb					22,200*	22,200*									

* Indicates that the load is limited by hydraulic capacity rather than tipping capacity. Lift capacity ratings are based on ISO 10567. Rated loads are at 87% of hydraulic lifting capacity or 75% of tipping capacity over front and side.

† Ground line.

Lift Point is at the stick end.