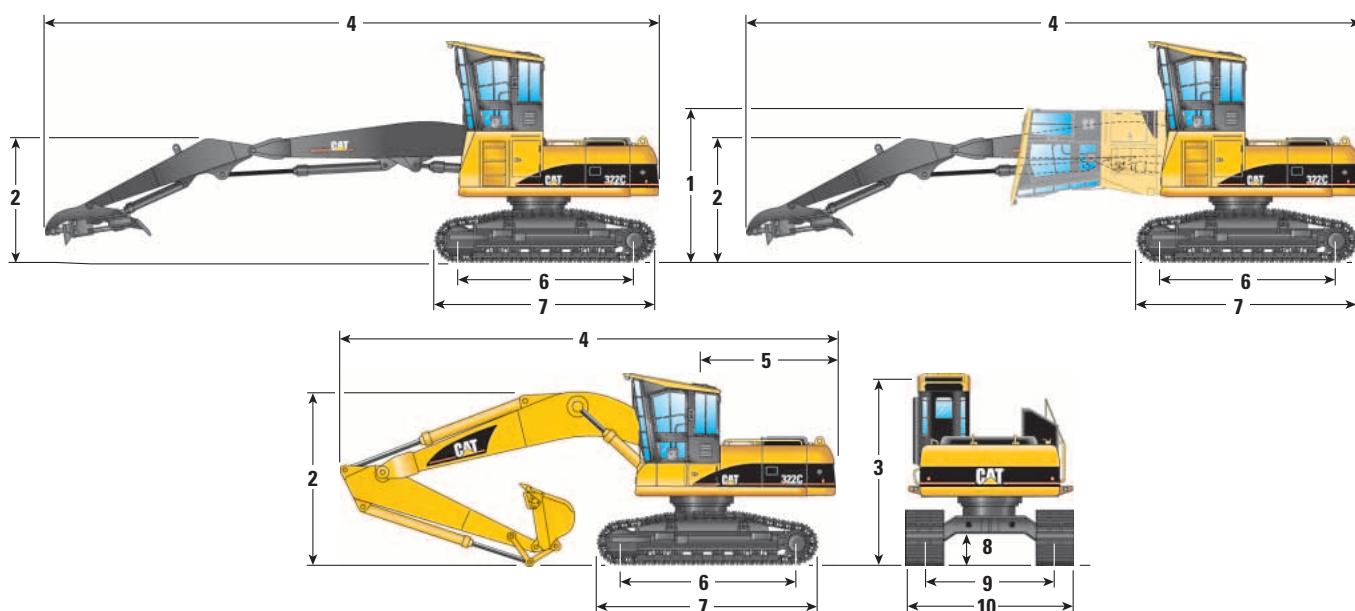


322C FM Forest Machine

Dimensions

All dimensions are approximate.



322C General Forestry

	HD LC U/C	HW U/C
1 Shipping height. (All risers with cab tilted)	3026 mm (9' 11")	3305 mm (10' 10")
2 Boom height	3120 mm (10' 3")	3171 mm (10' 5")
3 Overall height	3745 mm (12' 3")	4024 mm (13' 2")
4 Shipping length*	9960 mm (32' 8")	9905 mm (32' 6")
5 Tail swing radius	2970 mm (9' 9")	2970 mm (9' 9")
6 Length to centers of rollers	3830 mm (12' 7")	3830 mm (12' 7")
7 Track length	4661 mm (15' 4")	4695 mm (15' 5")
8 Ground clearance	460 mm (1' 6")	705 mm (2' 4")
9 Track gauge	2590 mm (8' 6")	2921 mm (9' 7")
10 Transport width with 700 mm (27.5") shoes (DG)**	3290 mm (10' 10")	3621 mm (11' 11")

322C Log Loaders

	Under/Under	Over/Under
1 Shipping height. (All risers with cab tilted)	3305 mm (10' 10")	3305 mm (10' 10")
2 Boom height	2780 mm (9' 1")	2755 mm (9' 0")
3 Overall height	4785 mm (15' 8")	4785 mm (15' 8")
4 Shipping length*	14 105 mm (46' 3")	15 015 mm (49' 3")
5 Tail swing radius	2970 mm (9' 9")	2970 mm (9' 9")
6 Length to centers of rollers	3794 mm (12' 5")	3794 mm (12' 5")
7 Track length	4695 mm (15' 5")	4695 mm (15' 5")
8 Ground clearance	705 mm (2' 4")	705 mm (2' 4")
9 Track gauge	2921 mm (9' 7")	2921 mm (9' 7")
10 Transport width with 700 mm (27.5") shoes (DG)**	3621 mm (11' 11")	3621 mm (11' 11")

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

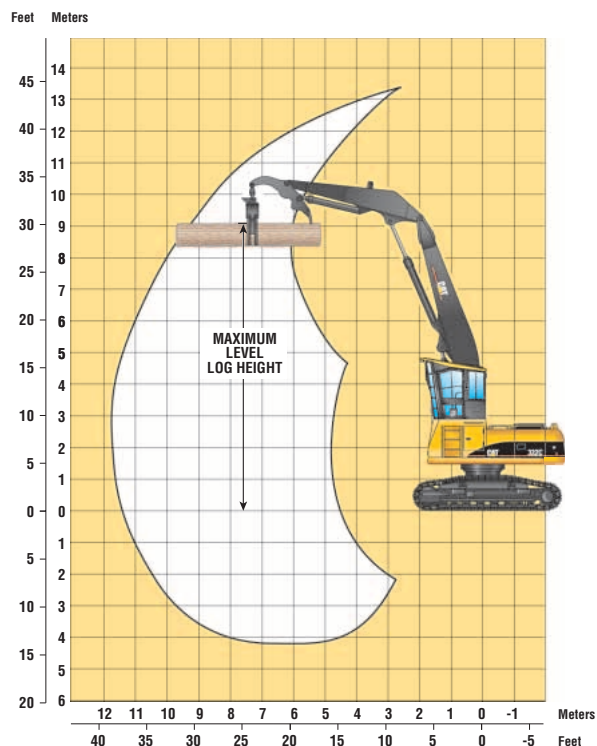
** Shipping width determined by width of upper structure and walkways.

322C FM Forest Machine

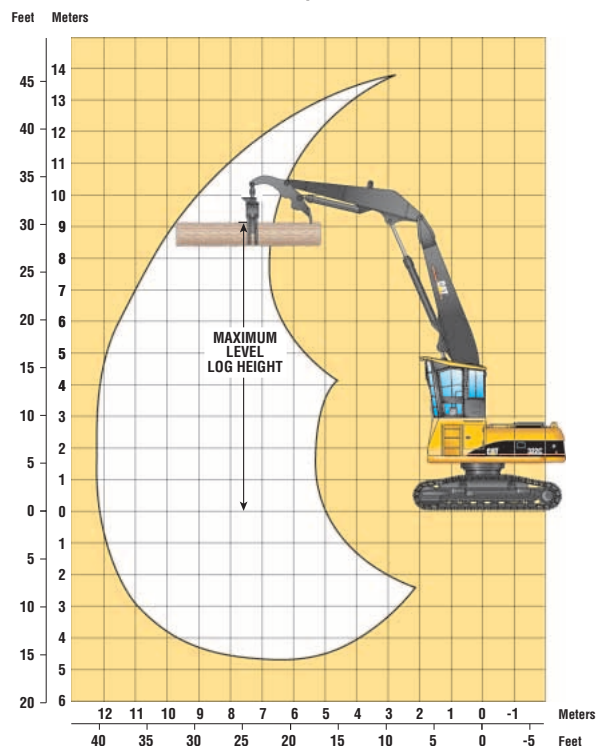
322C Working Ranges

Heel Boom (Under/Under, Over/Under), General Forestry (HD LC, HW U/C) ranges

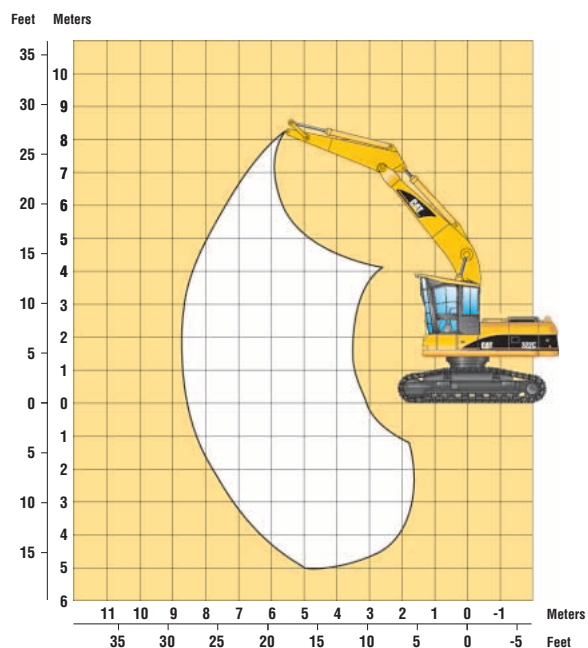
**Heel Boom
Under/Under**



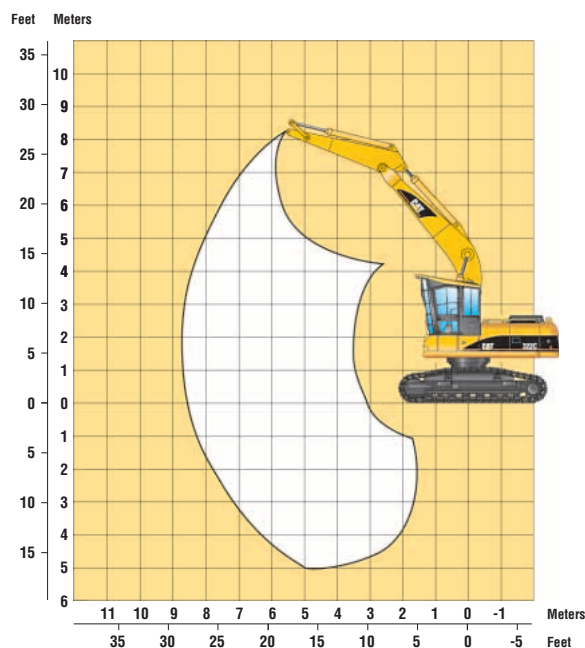
**Heel Boom
Over/Under**



**General Forestry
HD LC U/C, 5.9 m (19' 4") Boom
with 2.95S Stick**



**General Forestry
HW U/C, 5.9 m (19' 4") Boom
with 2.95S Stick**



322C FM Forest Machine

322C FM Lift Capacities

CONFIGURATION – 5.9 m (19'4") Reach Boom, R2.95S Stick.

UNDERCARRIAGE – Heavy Duty LC
SHOES – 700 mm (28")

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		Load at Maximum Reach		
		Over Front	Over Side	Over Front	Over Side	Over Front	Over Side	Over Front	Over Side	Over Front	Over Side	m ft
7.5 m 25.0 ft	kg lb					5900* 13,200*	5900* 13,200*			5400* 11,900*	5400* 11,900*	6.40 20.63
6.0 m 20.0 ft	kg lb					6000* 13,000*	6000* 13,000*			5100* 11,200*	5100* 11,200*	7.49 24.41
4.5 m 15.0 ft	kg lb			7700* 16,700*	7700* 16,700*	6600* 14,400*	6600* 14,400*	6100* 13,300*	5100 10,900	5100* 11,100*	4400 9800	8.17 26.73
3.0 m 10.0 ft	kg lb			9900* 21,200*	9900* 21,200*	7600* 16,500*	6800 14,700	6500* 14,200*	4900 10,600	5200* 11,500*	4100 9000	8.53 27.96
1.5 m 5.0 ft	kg lb			11 800* 25,400*	9800 21,100	8600* 18,600*	6500 14,000	7000* 15,200*	4800 10,300	5600* 12,400*	3900 8700	8.61 28.26
†0.0 m †0.0 ft	kg lb			12 700* 27,400*	9500 20,400	9200* 20,000*	6300 13,600	7200 15,400	4700 10,100	6100 13,400	4000 8800	8.42 27.64
-1.5 m -5.0 ft	kg lb	10 200* 23,100*	10 200* 23,100*	12 600* 27,300*	9400 20,200	9400* 20,200*	6200 13,400	7100 15,300	4600 10,000	6600 14,500	4300 9500	7.95 26.05
-3.0 m -10.0 ft	kg lb	16 300* 35,400*	16 300* 35,400*	11 700* 25,300*	9500 20,300	8800* 18,900*	6300 13,500			7000* 15,500*	5000 11,100	7.13 23.28
-4.5 m -15.0 ft	kg lb	13 000* 28,600*	13 000* 28,600*	9600* 21,200*	9600* 21,200*					7100* 15,600*	6700 14,800	5.81 18.80

* Indicates that the load is limited by hydraulic capacity rather than tipping capacity. Lift capacity ratings are based on SAE standard J1097. Rated loads are at 87% of hydraulic lifting capacity or 75% of tipping capacity.

† Ground line.

322C FM Lift Capacities

CONFIGURATION – 5.9 m (19'4") Reach Boom, R2.95S Stick.

UNDERCARRIAGE – High Wide
SHOES – 700 mm (28")

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		Load at Maximum Reach		
		Over Front	Over Side	Over Front	Over Side	Over Front	Over Side	Over Front	Over Side	Over Front	Over Side	m ft
7.5 m 25.0 ft	kg lb					5900* 13,000*	5900* 13,000*			5300* 11,700*	5300* 11,700*	6.64 21.44
6.0 m 20.0 ft	kg lb					6000* 13,200*	6000* 13,200*	5700* 12,600*	5700*	5100* 11,200*	5100* 11,200*	7.64 24.91
4.5 m 15.0 ft	kg lb			8100* 17,400*	8100* 17,400*	6800* 14,700*	6800* 14,700*	6100* 13,400*	6100* 13,400*	5100* 11,200*	5100* 11,200*	8.26 27.02
3.0 m 10.0 ft	kg lb			10 300* 22,100*	10 300* 22,100*	7800* 16,800*	7800* 16,800*	6600* 14,400*	6100 13,100	5300* 11,600*	5000 11,100	8.56 28.08
1.5 m 5.0 ft	kg lb			12 000* 25,900*	12 000* 25,900*	8700* 18,900*	8100 17,500	7100* 15,400*	6000 12,800	5700* 12,600*	4900 10,800	8.60 28.21
†0.0 m †0.0 ft	kg lb	6000* 13,200*	6000* 13,200*	12 700* 27,500*	12 100 26,100	9300* 20,100*	8000 17,100	7400* 16,000*	5900 12,600	6500* 14,200*	5100 11,100	8.36 27.43
-1.5 m -5.0 ft	kg lb	11 200* 25,400*	11 200* 25,400*	12 500* 27,100*	12 100 25,900	9300* 20,100*	7900 17,000	7200* 15,600*	5800 12,600	6800* 15,100*	5500 12,200	7.83 25.65
-3.0 m -10.0 ft	kg lb	15 900* 34,300*	15 900* 34,300*	11 400* 24,700*	11 400* 24,700*	8600* 18,400*	7900 17,100			7100* 15,600*	6500 14,500	6.93 22.63
-4.5 m -15.0 ft	kg lb			9000* 19,800*	9000* 19,800*					7100* 15,500*	7100* 15,500*	5.49 17.73

* Indicates that the load is limited by hydraulic capacity rather than tipping capacity. Lift capacity ratings are based on SAE standard J1097. Rated loads are at 87% of hydraulic lifting capacity or 75% of tipping capacity.

† Ground line.

322C FM Forest Machine

322C Over-Under Log Loader Lift Capacities

CONFIGURATION – 12.2 m (40') Over/Under Heel

UNDERCARRIAGE – High Wide
SHOES – 700 mm (28")

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		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	m ft
12.0 m 40.0 ft	kg lb			8900* 19,500*	8900* 19,500*									
10.5 m 35.0 ft	kg lb					7200* 15,700*	6800 14,400							
9.0 m 30.0 ft	kg lb					6900* 15,100*	6900 14,800	6200* 13,500*	4900 10,500					
7.5 m 25.0 ft	kg lb					6900* 15,100*	6900 14,700	6200* 13,400*	4900 10,600	4900 10,300	3600 7700			
6.0 m 20.0 ft	kg lb					7100* 15,500*	6700 14,500	6200* 13,500*	4900 10,500	4900 10,400	3600 7800	4000 8800	2900 6500	11.60 37.94
4.5 m 15.0 ft	kg lb			8900* 19,300*	8900* 19,300*	7400* 16,100*	6400 13,900	6300 13,500	4700 10,200	4800 10,300	3600 7700	3700 8300	2700 6000	12.01 39.35
3.0 m 10.0 ft	kg lb	12 600* 28,000*	12 600* 28,000*	9600* 20,800*	8800 19,000	7700* 16,800*	6100 13,300	6100 13,100	4500 9800	4700 10,100	3500 7500	3600* 7900*	2600 5800	12.22 40.08
1.5 m 5.0 ft	kg lb	13 800* 30,000*	12 800 28,000	10 100* 21,900*	8200 17,700	7800 16,900	5800 12,500	5900 12,600	4300 9400	4600 9900	3400 7300	3000* 6700*	2600 5700	12.24 40.17
†0.0 m †0.0 ft	kg lb	13 700* 30,000*	11 900 26,000	10 000* 21,700*	7700 16,600	7500 16,200	5500 11,900	5700 12,300	4200 9000	4500 9700	3300 7100			
-1.5 m -5.0 ft	kg lb	12 200* 24,200*	11 400 24,200*	9200* 20,000*	7300 15,900	7100* 15,300*	5300 11,500	5400* 11,800*	4100 8800	3900* 8300*	3200 7000			
-3.0 m -10.0 ft	kg lb	9700* 21,100*	9700* 21,100*	7500* 16,400*	7200 15,700	5800* 12,600*	5200 11,300	4300* 9100*	4000 8700	2400* 5000*	2400*			

* Indicates that the load is limited by hydraulic capacity rather than tipping capacity. Lift capacity ratings are based on SAE standard J1097. Rated loads are at 87% of hydraulic lifting capacity or 75% of tipping capacity.

† Ground line.

322C Under-Under Log Loader Lift Capacities

CONFIGURATION – 11.6 m (38') Under/Under Heel

UNDERCARRIAGE – High Wide
SHOES – 700 mm (28")

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		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	m ft
12.0 m 40.0 ft	kg lb	25,200*	25,200*											
10.5 m 35.0 ft	kg lb			8700* 19,000*	8700* 19,000*	7700* 16,900*	6500 13,700							
9.0 m 30.0 ft	kg lb			8700* 18,300*	8700* 18,300*	7400* 16,100*	6800 14,500	6300 13,400	4800 10,100					
7.5 m 25.0 ft	kg lb			8500* 18,400*	8500* 18,400*	7400* 16,000*	6800 14,600	6500 13,800	4900 10,500					
6.0 m 20.0 ft	kg lb			8900* 19,300*	8900* 19,300*	7600* 16,400*	6700 14,400	6400 13,800	4900 10,500	4900 10,400	3700 7800	4500 9900	3300 7300	10.96 35.85
4.5 m 15.0 ft	kg lb	9800* 22,000*	9800* 22,000*	9500* 20,600*	9400 20,100	7800* 17,000*	6500 13,900	6300 13,600	4800 10,300	4900 10,400	3600 7800	4200 9200	3100 6800	11.40 37.34
3.0 m 10.0 ft	kg lb			10 200* 22,000*	8800 19,000	8100* 17,500*	6200 13,400	6200 13,200	4600 10,000	4800 10,300	3600 7700	4000* 8800*	3000 6600	11.62 38.11
1.5 m 5.0 ft	kg lb			10 500* 22,700*	8300 17,900	8000 17,100	6000 12,800	6000 12,900	4500 9700	4700 10,200	3500 7500	3400* 7600*	3000 6500	11.64 38.20
†0.0 m †0.0 ft	kg lb	21,900* 48,000*	21,900* 48,000*	10 200* 22,000*	7900 17,000	7600 16,600	5700 12,300	5900 12,600	4400 9400	4600* 9600*	3500 7400			
-1.5 m -5.0 ft	kg lb	10 200* 23,800*	10 200* 23,800*	9100* 19,600*	7700 16,600	7000* 15,100*	5600 12,000	5300* 11,400*	4300 9300	3500* 7000*	3500 7000*			
-3.0 m -10.0 ft	kg lb	8900* 19,100*	8900* 19,100*	7200* 15,300*	7200* 15,300*	5500* 11,700*	5500* 11,700*	3900* 8000*	3900* 8000*					

* Indicates that the load is limited by hydraulic capacity rather than tipping capacity. Lift capacity ratings are based on SAE standard J1097. Rated loads are at 87% of hydraulic lifting capacity or 75% of tipping capacity.

† Ground line.