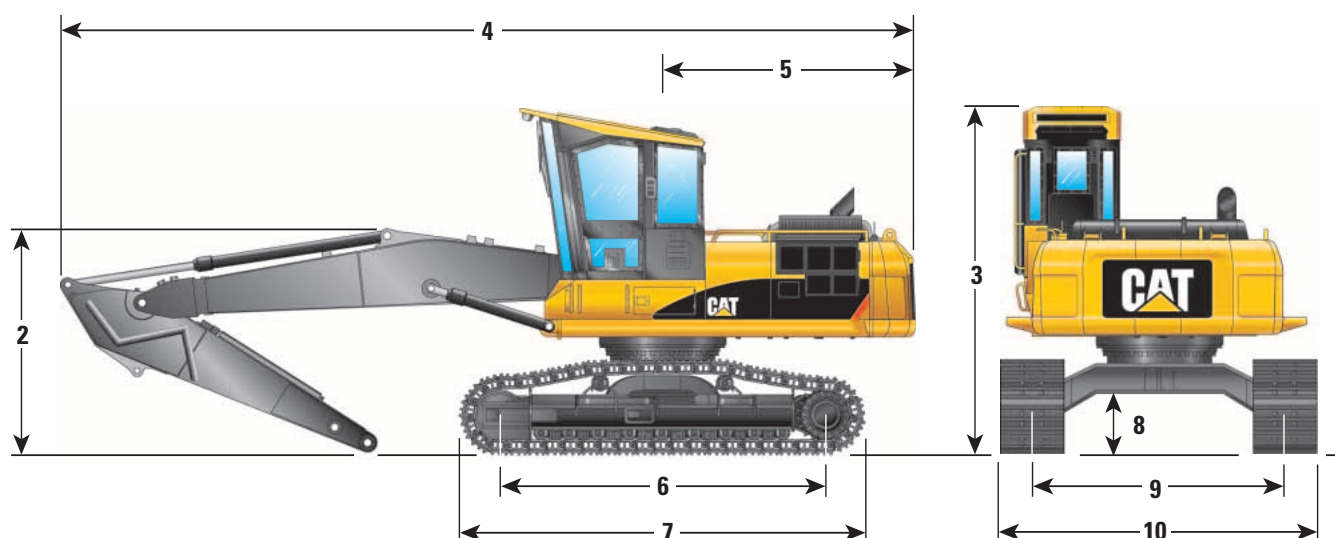


320D FM Forest Machine

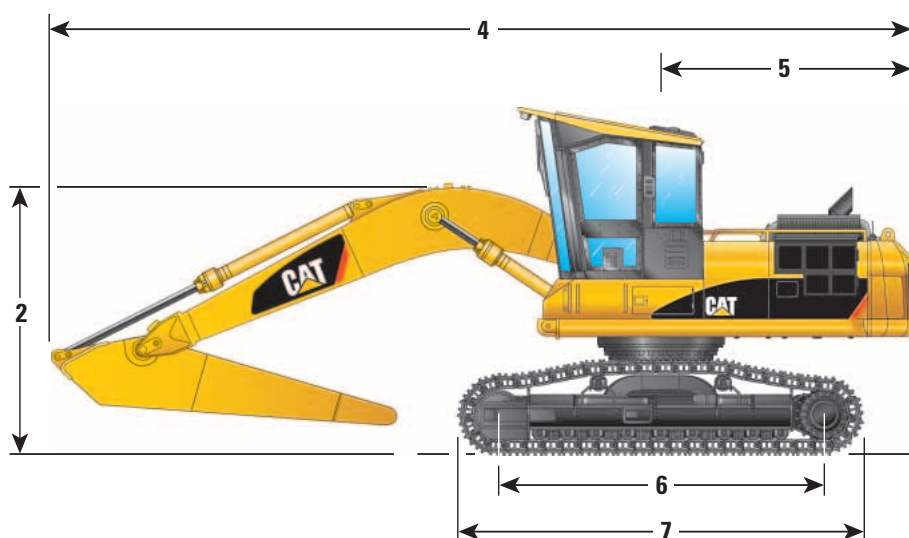
Dimensions

All dimensions are approximate.

Straight Boom



Mass Boom



320D FM General Forestry

	Mass Boom/H/LC*	Straight Boom/H/LC*
1 Shipping height (All risers with cab tilted)	3129 mm (10 ft 3 in)	3129 mm (10 ft 3 in)
2 Boom height	3096 mm (10 ft 2 in)	2572 mm (8 ft 5 in)
3 Overall height	3842 mm (12 ft 7 in)	3842 mm (12 ft 7 in)
4 Shipping length	9018 mm (29 ft 7 in)	9436 mm (30 ft 11 in)
5 Tail swing radius	2774 mm (9 ft 1 in)	2774 mm (9 ft 1 in)
6 Length to centers of rollers	3715 mm (12 ft 2 in)	3715 mm (12 ft 2 in)
7 Track length	4555 mm (14 ft 11 in)	4555 mm (14 ft 11 in)
8 Ground clearance	600 mm (24 in)	600 mm (24 in)
9 Track gauge	2380 mm (7 ft 10 in)	2380 mm (7 ft 10 in)
10 Transport width with 600 mm (24 in) shoes (double grouser)	2980 mm (9 ft 9 in)	2980 mm (9 ft 9 in)

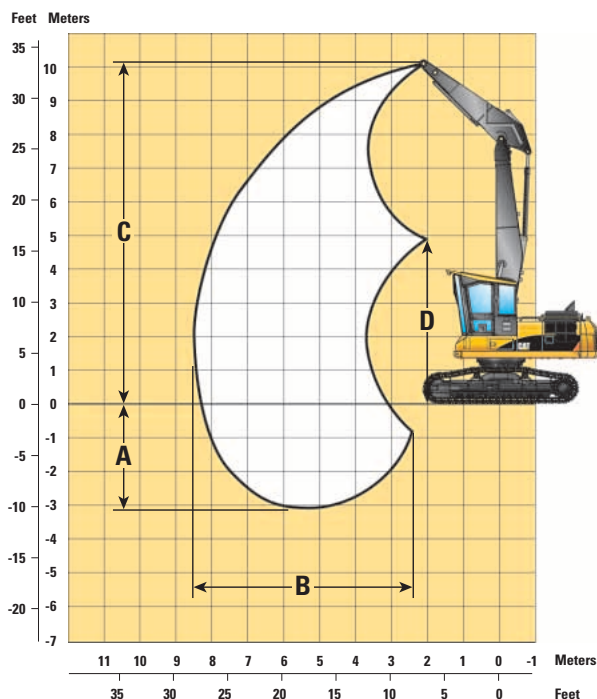
*H/LC = High/Long Undercarriage

320D FM Forest Machine

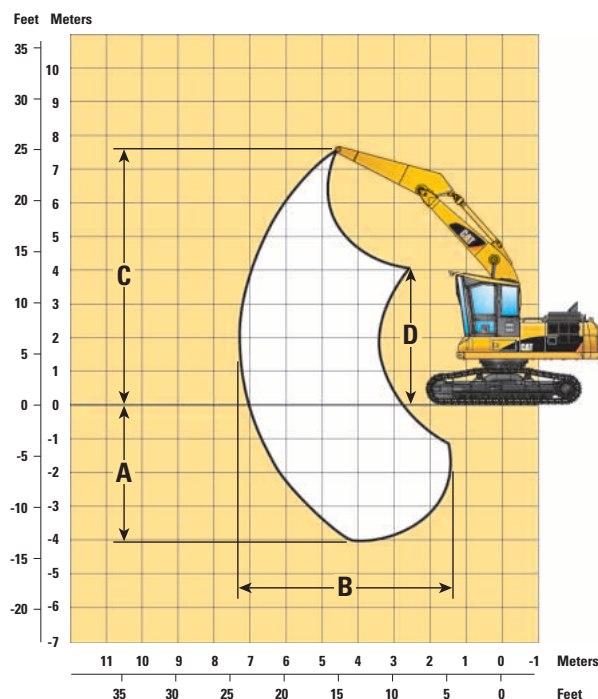
320D FM Working Ranges

General Forestry (H/LC) reach ranges

General Forestry H/LC 5.7 m (18 ft 8 in) Boom with R2.9B1 (9 ft 6 in) Stick



General Forestry H/LC 5.2 m (17 ft 1 in) Boom with 2.4 m (7 ft 10 in) Stick



320D FM General Forestry Wide Carbody

Item	Straight Boom 5.7 m (18 ft 8 in)
A Maximum digging depth	3090 mm (10 ft 2 in)
B Maximum reach at ground level	6350 mm (20 ft 10 in)
C Maximum cutting height	10 150 mm (33 ft 7 in)
D Maximum loading height	4900 mm (16 ft 1 in)

320D FM General Forestry Wide Carbody

Item	Mass Boom 5.2 m (17 ft 1 in)
A Maximum digging depth	4030 mm (13 ft 3 in)
B Maximum mass at ground level	5840 mm (19 ft 2 in)
C Maximum cutting height	7580 mm (24 ft 10 in)
D Maximum loading height	4090 mm (13 ft 5 in)

320D FM Forest Machine

320D FM General Forestry – Harvester Configuration

BOOM – 5.7 m (18 ft 8 in) STICK – R2.9B1 (9 ft 6 in) SHOES – 600 mm (24 in) Double Grouser UNDERCARRIAGE – H/LC**

Lifting Point Height		3.0 m/10.000 ft		4.0 m/13.333 ft		5.0 m/16.667 ft		6.0 m/20.000 ft		7.0 m/23.333 ft		8.0 m/26.667 ft		Maximum Load Radius		
		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
10.0 m	kg													*7550	*7550	2.66
9.0 m	kg			*7000	*7000									*5200	*5200	4.78
30.000 ft	lb			*15,050	*15,050									*11,850	*11,850	14.94
8.0 m	kg			*6600	*6600	*6550	*6550	*4650	*4650					*4450	*4450	6.03
26.667 ft	lb			*14,750	*14,750	*14,300	*14,300							*9,900	*9,900	19.35
7.0 m	kg			*6150	*6150	*6500	*6500	*6350	6250					*4050	*4050	6.92
23.333 ft	lb			*13,650	*13,650	*14,300	*14,300	*13,650	13,350					*8,950	*8,950	22.41
6.0 m	kg			*6050	*6050	*6550	*6550	*6700	6200	*6000	4850			*3800	*3800	7.56
20.000 ft	lb			*13,300	*13,300	*14,400	*14,400	*14,600	13,300	*12,450	10,350			*8,450	*8,450	24.64
5.0 m	kg	*6100	*6100	*6850	*6850	*7200	*7200	*7000	6100	*6300	4800	*4000	3850	*3700	*3700	8.03
16.667 ft	lb	*13,200	*13,200	*14,900	*14,900	*15,700	*15,700	*15,200	13,050	*13,650	10,250			*8,150	*8,150	26.25
4.0 m	kg			*10 400	*10 400	*8500	7750	*7250	5900	*6400	4700	*5700	3800	*3650	3550	8.36
13.333 ft	lb			*22,400	*22,400	*18,350	16,700	*15,750	12,750	*13,850	10,100	*11,300	8,200	*8,050	7,850	27.36
3.0 m	kg			*11 300	10 300	*9000	7450	*7500	5750	*6500	4600	*5700	3750	*3650	3400	8.55
10.000 ft	lb			*24,400	22,200	*19,400	16,000	*16,300	12,350	*14,100	9,850	*12,250	8,100	*8,050	7,500	28.02
2.0 m	kg			*11 800	9800	*9300	7150	*7700	5550	*6550	4500	*5600	3700	*3750	3350	8.62
6.667 ft	lb			*25,550	21,050	*20,100	15,400	*16,650	11,950	*14,150	9,650	*12,100	8,000	*8,200	7,350	28.27
1.0 m	kg			*11 600	9450	*9300	6900	*7650	5400	*6450	4400	*5400	3600	*3850	3350	8.57
3.333 ft	lb			*25,300	20,350	*20,150	14,900	*16,600	11,650	*13,950	9,450	*11,650	7,900	*8,500	7,350	28.12
Ground Line	kg			*10 900	9350	*8900	6800	*7400	5300	*6150	4350	*5000	3650	*4050	3450	8.40
	lb			*23,700	20,100	*19,350	14,600	*15,950	11,450	*13,300	9,300	*10,650	7,850	*8,950	7,550	27.56
-1.0 m	kg	*7500	*7500	*9700	9350	*8150	6750	*6800	5250	*5600	4300	*4200	3650	*3950	3600	8.10
-3.333 ft	lb	*17,100	*17,100	*21,100	20,050	*17,700	14,500	*14,700	11,350	*12,000	9,300			*8,700	7,950	26.57
-2.0 m	kg			*8100	*7000	*7000	6750	*5850	5300	*4650	4350			*3400	*3400	7.66
-6.667 ft	lb			*17,550	*17,550	*15,100	14,600	*12,550	11,400	*9,750	9,350			*7,400	*7,400	25.09
-3.0 m	kg					*5350	*5350	*4350	*4350					*4200	*4200	6.12
-10.000 ft	lb					*11,400	*11,400							*9,650	*9,650	19.32

*Indicates that the load is limited by hydraulic lifting capacity rather than tipping load. The above loads are in compliance with hydraulic excavator lift capacity standard ISO 10567:2007. They do not exceed 87% of hydraulic lifting capacity or 75% of tipping load.

**H/LC = High Long Undercarriage

Weight of all lifting accessories must be deducted from the above lifting capacities. Lifting capacities are based on the machine standing on a firm, uniform supporting surface.

320D FM General Forestry – Feller Configuration

BOOM – 5.2 m (17 ft 1 in) STICK – R2.4CB2 (7 ft 10 in) SHOES – 600 mm (24 in) Double Grouser UNDERCARRIAGE – H/LC**

Lifting Point Height		2.0 m/6.667 ft		3.0 m/10.000 ft		4.0 m/13.333 ft		5.0 m/16.667 ft		6.0 m/20.000 ft		7.0 m/23.333 ft		Maximum Load Radius		
		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
8.0 m	kg			*9000	*9000	*7600	*7600							*7000	*7000	4.17
26.667 ft	lb			*19,750	*19,750									*15,800	*15,800	13.01
7.0 m	kg					*8550	*8550	*7600	*7600					*6200	*6200	5.37
23.333 ft	lb					*18,750	*18,750	*15,600	*15,600					*13,800	*13,800	17.27
6.0 m	kg			*8100	*8100	*8700	*8700	*8200	*8200	*6900	6650			*5900	*5900	6.19
20.000 ft	lb			*17,900	*17,900	*19,100	*19,100	*17,900	*17,900	*13,350	*13,350			*13,000	*13,000	20.09
5.0 m	kg	*8600	*8600	*9650	*9650	*9950	*9950	*8450	*8450	*7450	6600			*5750	5450	6.76
16.667 ft	lb			*20,700	*20,700	*21,550	*21,550	*18,350	*18,350	*16,150	14,200			*12,700	12,150	22.04
4.0 m	kg			*14 250	*14 250	*10 800	*10 800	*9850	8500	*7600	6450	*6650	5100	*5800	4950	7.14
13.333 ft	lb			*30,650	*30,650	*23,300	*23,300	*19,150	18,300	*16,450	13,900	*12,800	11,000	*12,700	11,000	23.35
3.0 m	kg					*11 650	11 400	*9250	8200	*7750	6300	*6650	5050	*5950	4700	7.36
10.000 ft	lb					*25,100	24,550	*20,000	17,650	*16,800	13,550	*14,350	10,850	*13,050	10,300	24.13
2.0 m	kg					*12 000	10 900	*9450	7900	*7800	6150	*6550	4950	*6000	4550	7.44
6.667 ft	lb					*26,000	23,500	*20,500	17,050	*16,900	13,200	*14,150	10,650	*13,200	10,000	24.42
1.0 m	kg					*11 700	10 600	*9350	7700	*7650	6000	*6300	4850	*5700	4550	7.39
3.333 ft	lb					*25,350	22,800	*20,200	16,600	*16,500	12,950	*13,500	10,500	*12,600	9,950	24.24
Ground Line	kg			*8950	*8950	*10 700	10 450	*9750	7600	*7150	5900	*5700	4850	*5350	4650	7.19
	lb			*20,550	*20,550	*23,300	22,500	*19,000	16,350	*15,450	12,750	*12,100	10,400	*11,750	10,250	23.59
-1.0 m	kg			*10 100	*10 100	*9200	*9200	*7700	7550	*6250	5900			*4850	*4850	6.84
-3.333 ft	lb			*22,150	*22,150	*20,000	*20,000	*16,700	16,250	*13,400	12,700			*10,650	*10,650	22.42
-2.0 m	kg					*7150	*7150	*6100	*6100	*4700	*4700			*4100	*4100	6.30
-6.667 ft	lb					*15,500	*15,500	*13,050	*13,050	*9,750	*9,750			*9,050	*9,050	20.49

*Indicates that the load is limited by hydraulic lifting capacity rather than tipping load. The above loads are in compliance with hydraulic excavator lift capacity standard ISO 10567:2007. They do not exceed 87% of hydraulic lifting capacity or 75% of tipping load.

**H/LC = High Long Undercarriage

Weight of all lifting accessories must be deducted from the above lifting capacities. Lifting capacities are based on the machine standing on a firm, uniform supporting surface.

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