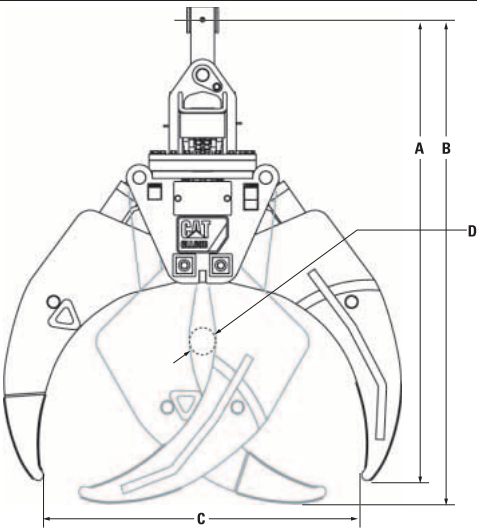


GLL Specifications/Dimensions

	GLL52B	GLL55B	GLL60B
Weight (kg/lb)	1255/2,767	1291/2,840	1344/2,965
Width (mm/in)	1725/68	1765/70	1935/76
A Height, open (mm/in)	2134/84	2184/86	2261/89
B Height, closed (mm/in)	2159/85	2210/87	2286/90
C Maximum Opening (mm/in)	1321/52	1397/55	1524/60
D Minimum Opening (mm/in)	127/5	127/5	127/5
Rotation, continuous	360°	360°	360°
Rotation torque at 1,200 psi (N·m/ft lb)	1153/850	1153/850	1153/850



Matching Guide

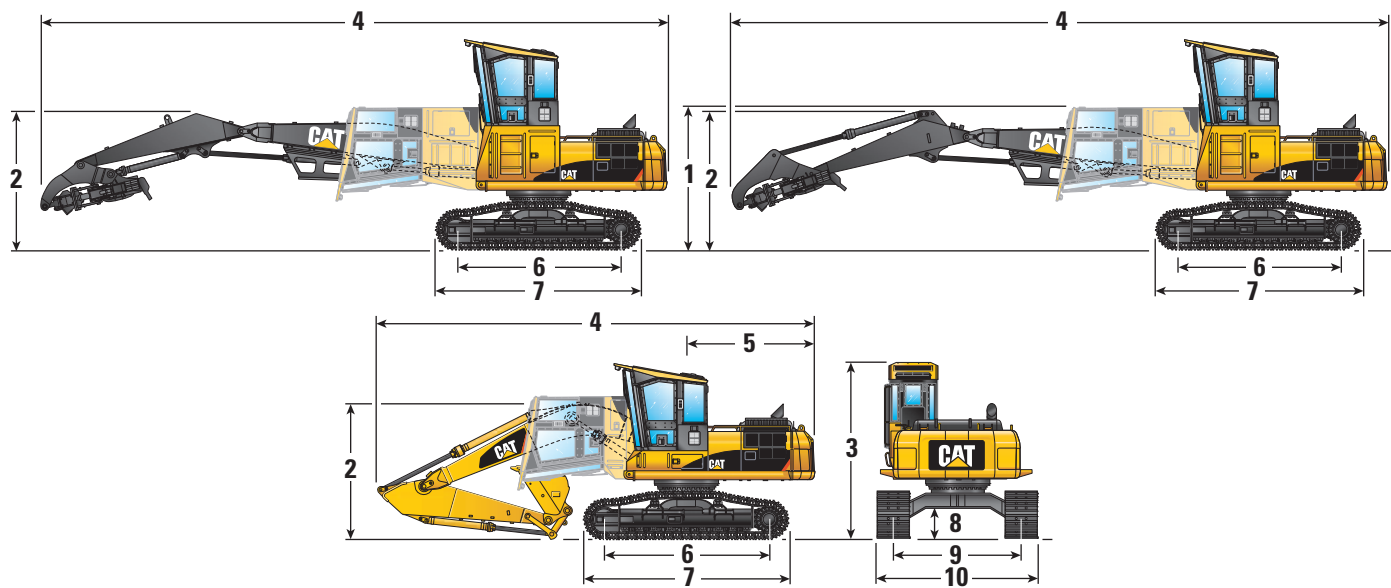
	GLL52B	GLL55B	GLL60B
320 FM	●	○	
324 FM	●	●	
325 FM	○	●	●
330 FM	○	●	●

- Provides optimum machine match.
- Provides acceptable machine match.

324D FM Forest Machine

Dimensions

All dimensions are approximate.



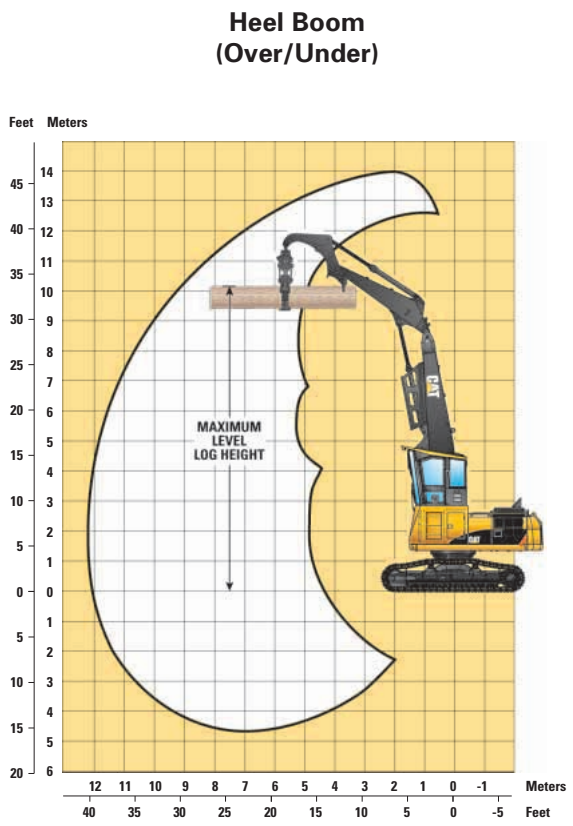
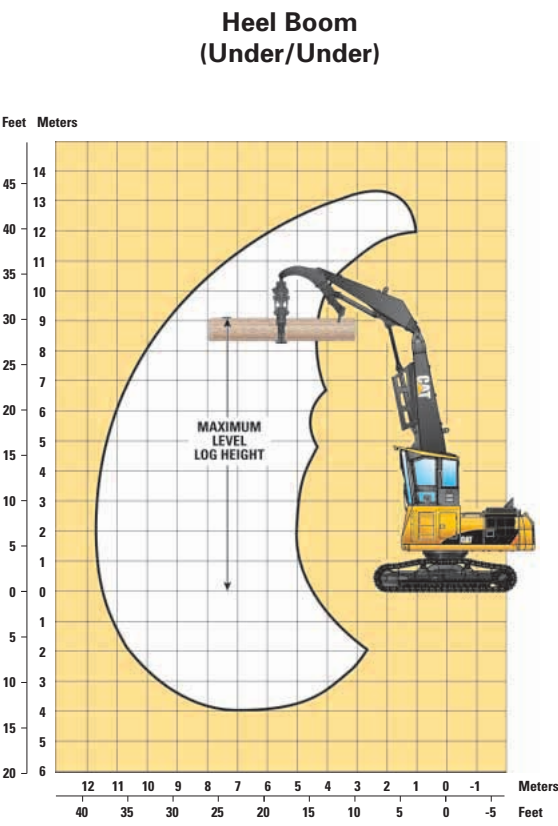
324D FM General Forestry		HW GF
1	Shipping height. (All risers with cab tilted)	3310 mm (10'10")
2	Boom height	3170 mm (10'5")
3	Overall height	4020 mm (13'2")
4	Shipping length	9880 mm (32'5")
5	Tail swing radius	2940 mm (9'8")
6	Length to centers of rollers	3780 mm (12'5")
7	Track length	4670 mm (15'4")
8	Ground clearance	710 mm (2'4")
9	Track gauge	2920 mm (9'7")
10	Transport width with 700 mm (27.5") shoes (DG)	3620 mm (11'11")

324D FM Log Loaders		Under/Under	Over/Under
1	Shipping height. (All risers with cab tilted)	3310 mm (10'10")	3310 mm (10'10")
2	Boom height	2780 mm (9'1")	2760 mm (9'1")
3	Overall height	4790 mm (15'9")	4790 mm (15'9")
4	Shipping length	14 080 mm (46'2")	14 990 mm (49'2")
5	Tail swing radius	2940 mm (9'8")	2940 mm (9'8")
6	Length to centers of rollers	3780 mm (12'5")	3780 mm (12'5")
7	Track length	4670 mm (15'4")	4670 mm (15'4")
8	Ground clearance	710 mm (2'4")	710 mm (2'4")
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")

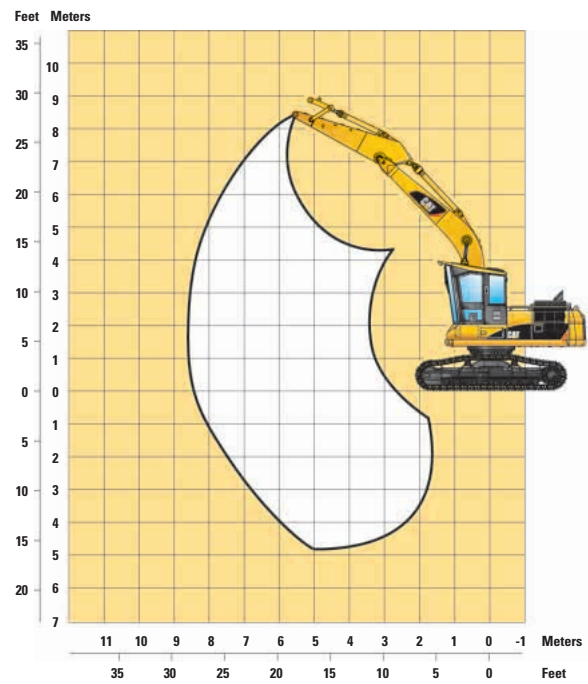
324D FM Forest Machine

324D FM Working Ranges

Heel Boom (Under/Under, Over/Under), and Reach ranges



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



324D FM Forest Machine

324D FM LL Heel Boom Under/Under Lift Capacities

CONFIGURATION – 11.6 m (38') Boom/Stick/Heel Linkage,
Heavy Counterweight

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		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
10.5 m	kg			*8850	*8850	*7850	6800					*7600	5900	8.03
35.0 ft	lb			*19,400	*19,400	*17,250	14,350					*17,100	13,450	25.73
9.0 m	kg					*7500	7000	6550	5000			6000	4550	9.37
30.0 ft	lb			*18,650	*18,650	*16,400	14,950	13,900	10,550			13,500	10,200	30.38
7.5 m	kg			*8600	*8600	*7500	7000	*6600	5100			5100	3850	10.32
25.0 ft	lb			*18,750	*18,750	*16,350	15,050	14,200	10,850			11,400	8,550	33.65
6.0 m	kg			*9050	*9050	*7700	6900	6600	5050	5050	3800	4600	3450	10.98
20.0 ft	lb			*19,600	*19,600	*16,700	14,800	14,150	10,800	10,750	8,050	10,150	7,600	35.93
4.5 m	kg	*10 500	*10 500	*9700	9600	*8000	6700	6500	4950	5000	3750	4300	3200	11.41
15.0 ft	lb	*23,500	*23,500	*21,000	20,650	*17,350	14,350	13,950	10,600	10,700	8,050	9,500	7,050	37.39
3.0 m	kg			*10 400	9100	*8300	6400	6350	4800	4950	3700	*4100	3100	11.63
10.0 ft	lb			*22,450	19,550	*17,900	13,750	13,600	10,250	10,600	7,900	*9,100	6,800	38.14
1.5 m	kg			*10 750	8600	8150	6150	6200	4650	4850	3650	*3550	3050	11.65
5.0 ft	lb			*23,250	18,450	17,550	13,150	13,250	9,950	10,450	7,750	*7,850	6,750	38.22
Ground Line	kg	*10 200	*10 200	*10 450	8200	7950	5900	6050	4500	*4700	3550	*2900	*2900	11.47
	lb	*24,650	*24,650	*22,550	17,600	17,050	12,700	13,000	9,700	*9,850	7,650	*6,350	*6,350	37.63
-1.5 m	kg	*11 050	*11 050	*9300	7950	*7200	5750	*5450	4450	*3550	3550	*2550	*2550	10.97
-5.0 ft	lb	*25,900	*25,900	*20,100	17,150	*15,450	12,400	*11,600	9,550	*7,100	7,650	*5,550	*5,550	35.96
-3.0 m	kg	*9100	*9100	*7300		*5650	*5650	*3950				*3000	*3000	9.69
-10.0 ft	lb	*19,600	*19,600	*15,700		11,950	11,950	*8,100				*6,650	*6,650	31.57

* Limited by hydraulic capacity rather than tipping load. The above loads are in compliance with hydraulic excavator lift capacity standard ISO 10567. 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.

324D FM LL Heel Boom Over/Under Lift Capacities

CONFIGURATION – 12.2 m (40') Boom/Stick/Heel Linkage,
Heavy Counterweight

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
10.5 m	kg							*7450	7150							6700	5100	8.86
35.0 ft	lb							*16,350	15,150							*15,150	11,600	28.51
9.0 m	kg							*7200	*7200	*6500	5250					5400	4100	10.09
30.0 ft	lb							*15,750	*15,550	*14,150	11,100					12,100	9,150	32.76
7.5 m	kg							*7250	*6450	5250	5150	3900				4700	3500	10.98
25.0 ft	lb							*15,750	*15,550	*14,000	11,250	10,950	8,300			10,400	7,800	35.81
6.0 m	kg							*7450	7100	*6500	5200	5150	3900			4250	3200	11.60
20.0 ft	lb							*16,150	15,250	*14,100	11,100	11,050	8,350			9,400	7,000	37.95
4.5 m	kg					*9300	*9300	*7750	6850	6600	5050	5100	3850	4000	2950	4000	2950	12.01
15.0 ft	lb					*20,100	*20,100	*16,850	14,700	14,200	10,800	10,900	8,250			8,800	6,550	39.34
3.0 m	kg					*10 050	9300	*8100	6550	6400	4850	5000	3750	4000	2950	*3850	2850	12.21
10.0 ft	lb					*21,700	20,000	*17,550	13,800	13,800	10,450	10,700	8,050	8,550	6,300	8,500	6,300	40.06
1.5 m	kg					*10 550	8700	8250	6200	6200	4650	4900	3650	*3900	2950	*3350	2850	12.23
5.0 ft	lb					*22,800	18,700	17,700	13,300	13,350	10,000	10,500	7,800	*7,700	6,250	*6,400	6,250	40.13
Ground Line	kg			*13 000	12 650	*10 500	8200	7950	5900	6050	4500	4800	3550	*3000	2900	*2750	*2750	12.06
	lb			*31,050	27,150	*22,700	17,600	17,050	12,700	13,000	9,650	10,300	7,650			*6,050	*6,050	39.57
-1.5 m	kg			*11 500	*11 500	*9650	7850	*7450	5700	*5800	4400	*4250	3500			*2300	*2300	11.63
-5.0 ft	lb			*26,900	26,100	*20,900	16,900	*16,100	12,250	*12,400	9,450	*8,800	7,550			*5,050	*5,050	38.13
-3.0 m	kg	*6350	*6350	*10 250	*10 250	*8000	7750	*6200	5600	*4600	4350	*2750	*2750			*2600	*2600	10.57
-10.0 ft	lb	*14,500	*14,500	*22,100	*22,100	*17,200	16,650	*13,250	12,100	*9,650	9,350					*5,750	*5,750	34.51
-4.5 m	kg					*5500	*5500	*4150	*4150							*3800	*3800	7.88
-15.0 ft	lb					*11,600	*11,600									*8,850	*8,850	24.65

* Limited by hydraulic capacity rather than tipping load. The above loads are in compliance with hydraulic excavator lift capacity standard ISO 10567. 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.

324D FM Forest Machine

324D FM GF Reach Boom Lift Capacities

CONFIGURATION – 5.9 m (19'4") Boom, 2.95 m (9'8") Stick,
Standard Counterweight

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		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	kg					*6650	*6650			*5450	*5450	6.67
25.0 ft	lb					*14,700	*14,700			*12,050	*12,050	21.56
6.0 m	kg					*6900	*6900	*5950	5950	*5250	*5250	7.67
20.0 ft	lb					*15,050	*15,050	*13,100	13,100	*11,600	*11,600	24.99
4.5 m	kg			*9200	*9200	*7750	*7750	*7000	*7000	*5300	*5300	8.27
15.0 ft	lb			*19,800	*19,800	*16,800	*16,800	*15,350	*15,350	*11,650	*11,650	27.06
3.0 m	kg			*11 650	*11 650	*8850	*8850	*7550	6950	*5550	*5550	8.57
10.0 ft	lb			*25,000	*25,000	*19,200	*19,200	*16,400	14,950	*12,150	*12,150	28.10
1.5 m	kg			*13 550	*13 550	*9900	9200	*8100	6800	*6000	5650	8.60
5.0 ft	lb			*29,250	*29,250	*21,450	19,850	*17,550	14,650	*13,150	12,450	28.20
Ground Line	kg	*6300	*6300	*14 300	13 600	*10 500	9000	*8400	6700	*6750	5800	8.35
	lb	*14,400	*14,400	*31,000	29,250	*22,800	19,400	*18,200	14,400	*14,850	12,800	27.40
-1.5 m	kg	*11 550	*11 550	*14 050	13 550	*10 550	8950	8250	6650	*7800	6350	7.81
-5.0 ft	lb	*26,150	*26,150	*30,500	29,150	*22,800	19,250	17,800	14,350	*17,200	13,950	25.58
-3.0 m	kg	*17 750	*17 750	*12 850	*12 850	*9700	9000			*8100	7500	6.90
-10.0 ft	lb	*38,400	*38,400	*27,800	*27,800	*20,850	19,400			*17,800	16,600	22.52
-4.5 m	kg			*10 100	*10 100					*8100	*8100	5.44
-15.0 ft	lb			*21, 500	*21, 500					*17,800	*17,800	17.55

* Limited by hydraulic capacity rather than tipping load. The above loads are in compliance with hydraulic excavator lift capacity standard ISO 10567. 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.

Forestry Grapples

Specification	GLL52B	GLL55B	GLL60B
Part #	271-1533	271-1534	271-1535
For use with	320C FM, 324D FM	324D FM, 325D FM	325D FM, 330D FM
Rotation	Continuous	Continuous	Continuous
Rotation torque	1153 N·m (850 ft-lb)	1153 N·m (850 ft-lb)	1153 N·m (850 ft-lb)
Log volume (tip to tip)	0.41 m² (4.5 ft²)	0.4 m² (4.3 ft²)	0.51 m² (5.5 ft²)
Max. opening	1321 mm (52")	1397 mm (55")	1524 mm (60")
Min. opening	126 mm (5")	126 mm (5")	126 mm (5")
Weight	1255 kg (2,767 lb)	1291 kg (2,840 lb)	1344 kg (2,965 lb)
Width	673 mm (26.5")	673 mm (26.5")	673 mm (26.5")
Height, open	2134 mm (84")	2184 mm (86")	2261 mm (89")