

335F L

Hydraulic Excavator

2017



Engine

Engine Model	Cat® C7.1 ACERT™	
Gross Power – SAE J1995	152 kW	204 hp
Net Power – SAE J1349	149 kW	200 hp

Drive

Maximum Travel Speed	4.2/2.6 km/h	2.6/1.6 mph
Maximum Drawbar Pull	295 kN	66,319 lbf

Weight

Minimum Operating Weight	34 330 kg	75,680 lb
Maximum Operating Weight	38 180 kg	84,170 lb

335F L Hydraulic Excavator Specifications

Engine

Engine Model	Cat C7.1 ACERT	
Net Power – SAE J1349	149 kW	200 hp
Gross Power – SAE J1995	152 kW	204 hp
Engine rpm		
Operation	1,800 rpm	
Travel	1,800 rpm	
Bore	105 mm	4.13 in
Stroke	135 mm	5.31 in
Displacement	7.01 L	428 in ³

- Power rating at 1,800 rpm.

Weights

Minimum Operating Weight*	34 330 kg	75,680 lb
Maximum Operating Weight**	38 180 kg	84,170 lb

*Long undercarriage, 600 mm (24 in) TG track, reach boom, R2.65CB2 (8'8") stick, CB2 bucket linkage and CB1233HD 1.3 m³ (1.7 yd³) bucket.

**Long undercarriage, 850 mm (33 in) TG track, blade, reach boom, R3.75 m (12'4") stick, CB2 bucket linkage, CB1350HD 1.54 m³ (2.01 yd³) bucket.

Track

Standard with Long Undercarriage	850 mm	33 in
Optional for Long Undercarriage	600 mm	24 in
Number of Shoes Each Side – Long Undercarriage	49	
Number of Track Rollers Each Side – Long Undercarriage	9	
Number of Carrier Roller Each Side	2	

Swing Mechanism

Swing Speed	9.9 rpm	
Maximum Swing Torque	105 kN·m	77,350 lbf-ft

Drive

Maximum Gradeability	35°/70%	
Maximum Travel Speed	4.2/2.6 km/h	2.6/1.6 mph
Maximum Drawbar Pull	295 kN	66,319 lbf

Hydraulic System

Main System		
Maximum Flow (Total)	494 L/min	130 gal/min
Implement × 2 pumps	246.6 L./min	65.1 gal/min
Swing system – Maximum Flow		
No swing pump		
Maximum Pressure – Equipment – Normal		
		35 000 kPa 5,076 psi
Maximum Pressure – Travel		
		37 000 kPa 5,366 psi
Maximum Pressure – Heavy Lift		
		38 000 kPa 5,512 psi
Maximum Pressure – Swing		
		27 400 kPa 3,974 psi
Pilot System Maximum Flow		
		30 L/min 7.9 gal/min
Pilot System Maximum Pressure		
		4100 kPa 595 psi
Boom Cylinder – Bore		
		140 mm 5.5 in
Boom Cylinder – Stroke		
		1407 mm 55.4 in
Stick Cylinder – Bore		
		150 mm 5.9 in
Stick Cylinder – Stroke		
		1646 mm 64.8 in
Bucket Cylinder (CB) – Bore		
		150 mm 5.9 in
Bucket Cylinder (CB) – Stroke		
		1151 mm 45.3 in

Service Refill Capacities

Fuel Tank Capacity	385 L	101.7 gal
Cooling System	30 L	7.9 gal
Engine Oil	24 L	6.3 gal
Swing Drive (each)	9 L	2.4 gal
Final Drive (each)	8 L	2.1 gal
Hydraulic System (including tank)	290 L	76.6 gal
Hydraulic Tank	154 L	40.7 gal
DEF Tank	23 L	6.1 gal

Sound Performance

ISO 6395 (External)	104 dB
ISO 6396 (Inside Cab)	72 dB

- When properly installed and maintained, the cab offered by Caterpillar, when tested with doors and windows closed according to ANSI/SAE J1166OCT98, meets OSHA and MSHA requirements for operator sound exposure limits in effect at time of manufacture.
- Hearing protection may be needed when operating with an open operator station and cab (when not properly maintained or doors/windows open) for extended periods or in a noisy environment

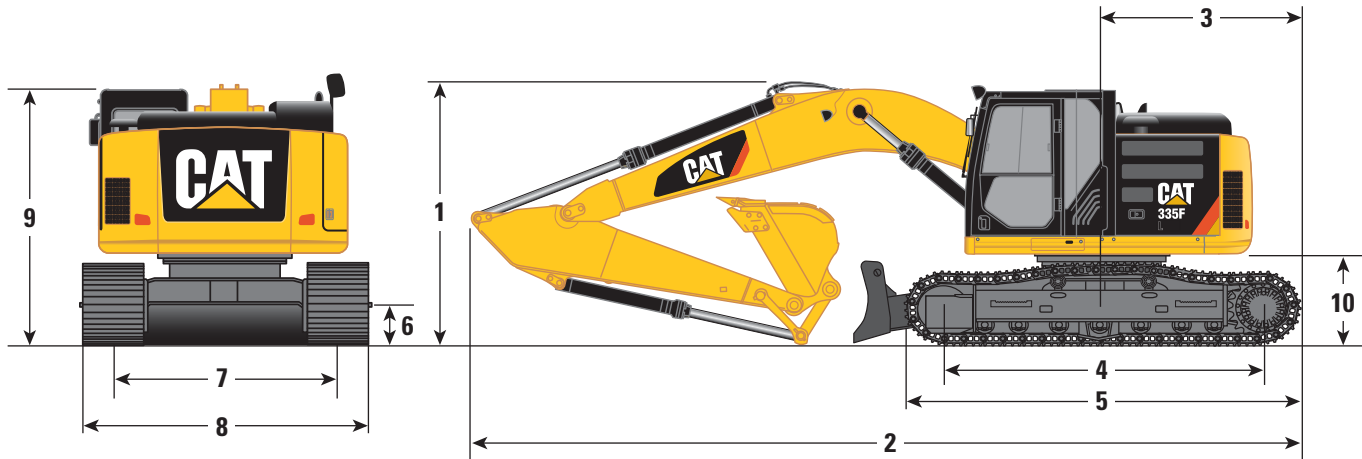
Standards

Brakes	ISO 10265:2008
Cab/FOGS	ISO 10262:1998 Level II
Cab/ROPS	ISO 12117-2:2008

335F L Hydraulic Excavator Specifications

Dimensions

All dimensions are approximate.



Boom Options

Reach Boom 6.15 m (20'2")

Stick Options	R3.2CB2 (10'6")***		R2.65CB2 (8'8")***		R3.75CB2 (12'4")****	
1 Shipping Height*	3540 mm	11'7"	3540 mm	11'7"	3650 mm	12'0"
2 Shipping Length	9820 mm	32'3"	9830 mm	32'3"	9870 mm	32'5"
3 Tail Swing Radius	1900 mm	6'3"	1900 mm	6'3"	1900 mm	6'3"
4 Length to Center of Rollers – Long Undercarriage	4040 mm	13'3"	4040 mm	13'3"	4040 mm	13'3"
5 Track Length – Long Undercarriage	5020 mm	16'6"	5020 mm	16'6"	5020 mm	16'6"
6 Ground Clearance**	480 mm	1'7"	480 mm	1'7"	480 mm	1'7"
7 Track Gauge – Long Undercarriage	2590 mm	8'6"	2590 mm	8'6"	2590 mm	8'6"
8 Transport Width – Long Undercarriage						
600 mm (24 in) Shoes	3190 mm	10'6"	3190 mm	10'6"	3190 mm	10'6"
850 mm (33 in) Shoes	3440 mm	11'3"	3440 mm	11'3"	3440 mm	11'3"
9 Cab Height*	3260 mm	10'8"	3260 mm	10'8"	3260 mm	10'8"
10 Counterweight Clearance**	1200 mm	3'11"	1200 mm	3'11"	1200 mm	3'11"

*Including shoe lug height

**Without shoe lug height

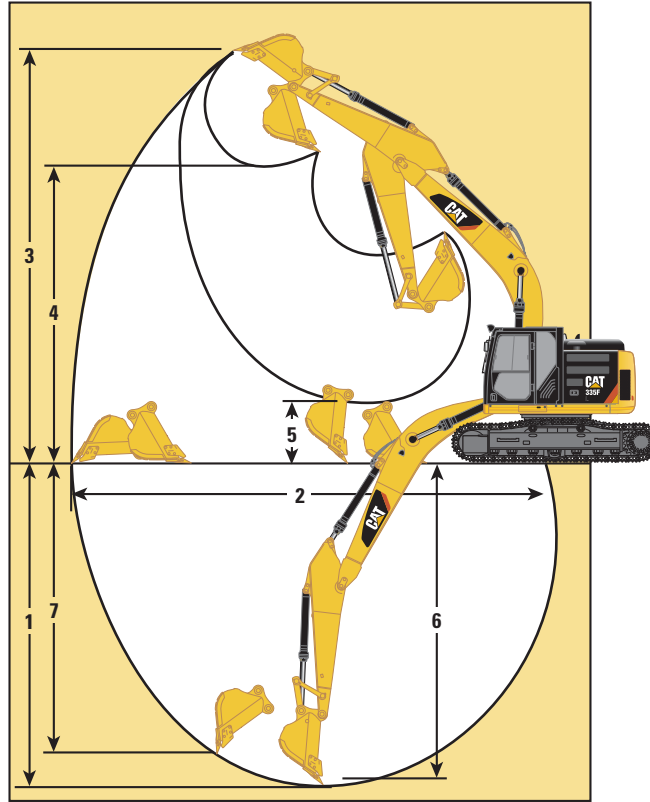
***Bucket 331-1907 1.54 m³ (2.01 yd³)

****Bucket 331-1906 1.31 m³ (1.70 yd³)

335F L Hydraulic Excavator Specifications

Working Ranges

All dimensions are approximate.



Boom Options

**Reach Boom
6.15 m (20'2")**

Stick Options

3.2 m (10'6")

2.65 m (8'8")

3.75 m (12'4")

Bucket Type and Capacity

1.54 m³ (2.01 yd³)

1.71 m³ (2.30 yd³)

1.3 m³ (1.74 yd³)

	3.2 m (10'6")		2.65 m (8'8")		3.75 m (12'4")	
	1.54 m ³ (2.01 yd ³)		1.71 m ³ (2.30 yd ³)		1.3 m ³ (1.74 yd ³)	
1 Maximum Digging Depth	6990 mm	22'11"	6440 mm	21'2"	7540 mm	24'9"
2 Maximum Reach at Ground Level	10 640 mm	34'11"	10 160 mm	33'4"	11 140 mm	36'7"
3 Maximum Cutting Height	11 150 mm	36'7"	10 950 mm	35'11"	11 410 mm	37'5"
4 Maximum Loading Height	7970 mm	26'2"	7750 mm	25'5"	8240 mm	27'0"
5 Minimum Loading Height	2920 mm	9'7"	3480 mm	11'5"	2370 mm	7'0"
6 Maximum Cut Depth	6830 mm	22'5"	6260 mm	20'6"	7400 mm	24'3"
7 Maximum Depth Cut for 2440 mm (8 ft) Level Bottom	6830 mm	22'5"	6260 mm	20'6"	7400 mm	24'3"
8 Maximum Vertical Wall Digging Depth	5770 mm	18'11"	5460 mm	17'11"	6210 mm	20'4"
Tip Bucket Digging Force (SAE)	158 kN	35,500 lbf	158 kN	35,500 lbf	158 kN	35,500 lbf
Cutting Edge Bucket Digging Force (ISO)	179 kN	40,200 lbf	179 kN	40,200 lbf	179 kN	40,200 lbf
Tip Stick Digging Force (SAE)	123 kN	27,700 lbf	140 kN	31,500 lbf	111 kN	25,000 lbf
Cutting Edge Stick Digging Force (ISO)	126 kN	28,300 lbf	145 kN	32,600 lbf	114 kN	25,600 lbf

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Operating Weights and Ground Pressures

	Track Shoe without Blade							
	600 mm (24 in) Triple Grouser L Shoes				850 mm (33 in) Triple Grouser L Shoes			
	Weight		Ground Pressure		Weight		Ground Pressure	
	kg	lb	kPa	psi	kg	lb	kPa	psi
Reach Boom (6.15 m/20'2")								
CB1350HD Bucket								
R3.2CB2 (3.2 m/10'6") Stick	34 580	76,240	64.4	9.3	35 880	79,100	47.2	6.8
R2.65CB2 (2.65 m/8'8") Stick	34 420	75,880	64.1	9.3	35 720	78,750	47.0	6.8
CB1233HD Bucket								
R3.75CB2 (3.75 m/12'4") Stick	34 740	76,590	64.7	9.4	36 040	79,450	47.4	6.9
	Track Shoe with Blade							
	600 mm (24 in) Triple Grouser L Shoes							
	Weight				Ground Pressure			
	kg	lb	kPa	psi	kg	lb	kPa	psi
Reach Boom (6.15 m/20'2")								
CB1350HD Bucket								
R3.2CB2 (3.2 m/10'6") Stick			36 720	80,950	68.4	9.9		
R2.65CB2 (2.65 m/8'8") Stick			36 560	80,600	68.1	9.9		
CB1233HD Bucket								
R3.75CB2 (3.75 m/12'4") Stick			36 880	81,310	68.7	10.0		

Operating weight is based on ISO 6016: Machine (upper and lower structure), front structure, 100% full fuel tank, fluids at normal level (i.e.: oils/water/lubricants), bucket (currently = "WW Major Bucket") without fill materials, 75 kg (165 lb) operator.

Notes: No optional attachments are included, the bucket is empty.

The minimum and maximum operating weights currently shown in Specalogs are based on differences between front structures, tracks, and buckets.

The minimum and maximum operating weight does not consider optional attachments, nor factor different bucket sizes or couplers unless specified by GCI.

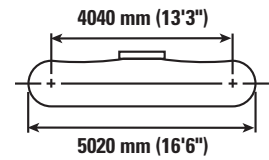
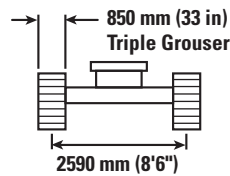
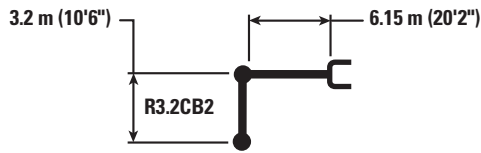
335F L Hydraulic Excavator Specifications

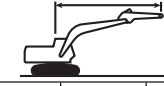














Major Component Weights

Base Machine – Includes: Boom Cylinders, Pins, Fluids	9350 kg	20,610 lb
Full Fuel Tank	320 kg	710 lb
Counterweight	7700 kg	16,980 lb
Boom (includes lines, pins, and stick cylinder)		
Reach Boom (6.15 m/20'2")	2230 kg	4,920 lb
Stick (includes lines, stick pins, bucket pins, and bucket cylinder)		
R3.2CB2	1180 kg	2,600 lb
R2.65CB2	1020 kg	2,240 lb
R3.75CB2	1340 kg	2,960 lb
Bucket Linkage		
CB2	290 kg	650 lb
Undercarriage		
Long Undercarriage	8230 kg	18,150 lb
Track Shoe		
600 mm (24 in) TG Shoe	4070 kg	8,960 lb
850 mm (33 in) TG Shoe	5370 kg	11,830 lb
Blade	2140 kg	4,720 lb
Common Buckets		
Bucket: CB1233HD 1.3 m ³ (1.74 yd ³) (331-1906)	1050 kg	2,310 lb
Bucket: CB1350HD 1.54 m ³ (2.01 yd ³) (331-1907)	1130 kg	2,490 lb
Bucket: CB1500GD 1.71 m ³ (2.30 yd ³) (346-0831)	1040 kg	2,300 lb
Quick Couplers		
Quick Coupler: Pin Grabber Type CB without Pin (349-7473)	500 kg	1,110 lb
Quick Coupler: Pin Grabber Type CB with Pin (356-8109)	530 kg	1,170 lb

335F L Hydraulic Excavator Specifications

Reach Boom Lift Capacities – Counterweight: 7.7 mt (16,976 lb) – without Bucket



		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		
																
9.0 m	kg							*6350	*6350					*6200	*6200	6.04
30.0 ft	lb													*13,800	*13,800	19.17
7.5 m	kg							*8100	*8100					*5550	*5550	7.44
25.0 ft	lb							*17,800	*17,800					*12,300	*12,300	24.17
6.0 m	kg							*8600	*8600	*8050	6050			*5350	5100	8.33
20.0 ft	lb							*18,700	*18,550	*17,350	13,050			*11,750	11,300	27.50
4.5 m	kg			*17 050	*17 050	*11 850	*11 850	*9650	8300	*8500	5950			*5350	4550	8.89
15.0 ft	lb			*36,150	*36,150	*25,500	*25,500	*20,950	17,900	*18,550	12,750			*11,750	10,000	29.17
3.0 m	kg					*14 700	12 000	*11 000	7900	*9150	5750	*6750	4350	*5500	4250	9.16
10.0 ft	lb					*31,700	25,900	*23,800	17,050	*19,900	12,350	*12,250	9,400	*12,100	9,350	30.00
1.5 m	kg					*16 750	11 350	*12 150	7550	9350	5550	7150	4300	*5850	4150	9.18
5.0 ft	lb					*36,200	24,450	*26,250	16,300	20,150	11,950	*13,600	9,200	*12,900	9,150	30.83
0.0 m	kg			*6050	*6050	*17 300	11 050	*12 700	7350	9200	5400			*6500	4250	8.95
0.0 ft	lb			*13,900	*13,900	*37,500	23,750	*27,500	15,800	19,800	11,650			*14,300	9,400	30.00
-1.5 m	kg	*7550	*7550	*11 450	*11 450	*16 650	10 950	*12 500	7250	9150	5350			*7550	4600	8.44
-5.0 ft	lb	*16,800	*16,800	*25,900	*25,900	*36,050	23,600	*27,000	15,600	19,700	11,550			*16,700	10,150	28.33
-3.0 m	kg			*18 300	*18 300	*14 850	11 050	*11 300	7300	*8400	5450			*8200	5350	7.60
-10.0 ft	lb			*41,500	*41,500	*32,150	23,800	*24,400	15,700					*18,000	11,850	25.00
-4.5 m	kg			*15 050	*15 050	*11 550	11 300	*8400	7500					*7650	7050	6.30
-15.0 ft	lb			*32,200	*32,200	*24,650	24,350	*17,450	16,200					*16,750	15,800	20.83



ISO 10567



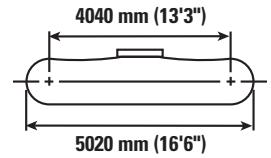
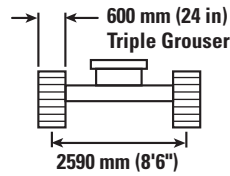
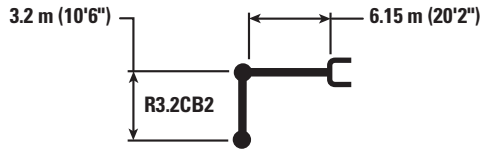
*Indicates that the load is limited by hydraulic lifting capacity rather than tipping load. The above loads are in compliance with hydraulic excavator lift capacity standard ISO 10567:2007. They do not exceed 87% of hydraulic lifting capacity or 75% of tipping load. Weight of all lifting accessories must be deducted from the above lifting capacities. Lifting capacities are based on the machine standing on a firm, uniform supporting surface. The use of a work tool attachment point to handle/lift objects, could affect the machine lift performance.

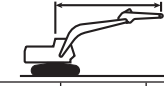














Lift capacity stays with ±5% for all available track shoes.

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

335F L Hydraulic Excavator Specifications

Reach Boom Lift Capacities – Counterweight: 7.7 mt (16,976 lb) – without Bucket



		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
9.0 m 30.0 ft	kg lb							*6350 *17,800	*6350 *17,800					*6200 *13,800	*6200 *13,800	6.04 19.17
7.5 m 25.0 ft	kg lb							*8100 *23,800	*8100 *23,800					*5550 *12,300	*5550 *12,300	7.44 24.17
6.0 m 20.0 ft	kg lb							*8600 *24,700	8300 23,500	*8050 *23,350	5850 12,550			*5350 *11,750	4900 10,900	8.33 27.50
4.5 m 15.0 ft	kg lb			*17 050 *36,150	*17 050 *36,150	*11 850 *25,500	*11 850 *25,500	*9650 *20,950	8000 17,250	*8500 *23,550	5700 12,250			*5350 *11,750	4350 9,600	8.89 29.17
3.0 m 10.0 ft	kg lb					*14 700 *31,700	11 600 24,950	*11 000 *23,800	7600 16,400	*9150 *19,800	5500 11,850	*6750 *12,250	4200 9,000	*5500 *12,100	4100 9,000	9.16 30.00
1.5 m 5.0 ft	kg lb					*16 750 *36,200	10 900 23,500	*12 150 *26,250	7250 15,650	9000 19,350	5350 11,450	6900 *13,600	4100 8,850	*5850 *12,900	4000 8,800	9.18 30.83
0.0 m 0.0 ft	kg lb			*6050 *13,900	*6050 *13,900	*17 300 *37,500	10 600 22,800	12 350 26,600	7050 15,150	8850 19,050	5200 11,150			*6500 *14,300	4100 9,000	8.95 30.00
-1.5 m -5.0 ft	kg lb	*7550 *16,800	*7550 *16,800	*11 450 *25,900	*11 450 *25,900	*16 650 *36,050	10 550 22,650	12 250 26,350	6950 14,950	8800 18,900	5150 11,050			7450 16,450	4400 9,750	8.44 28.33
-3.0 m -10.0 ft	kg lb			*18 300 *41,500	*18 300 *41,500	*14 850 *32,150	10 600 22,850	*11 300 *24,400	7000 15,050	*8400 *18,900	5200			*8200 *18,000	5150 11,350	7.60 25.00
-4.5 m -15.0 ft	kg lb			*15 050 *32,200	*15 050 *32,200	*11 550 *24,650	10 900 23,450	*8400 *17,450	7200 15,550					*7650 *16,750	6750 15,200	6.30 20.83



ISO 10567



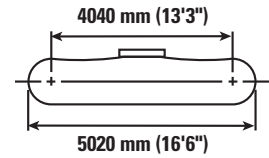
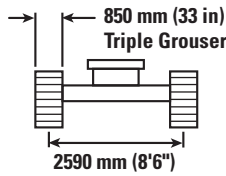
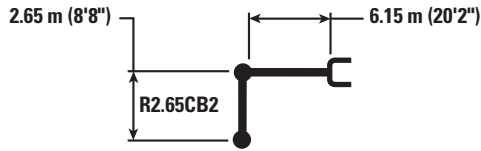
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








Lift capacity stays with ±5% for all available track shoes.

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

335F L Hydraulic Excavator Specifications

Reach Boom Lift Capacities – Counterweight: 7.7 mt (16,976 lb) – without Bucket



		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
9.0 m 30.0 ft	kg lb									*8300 *18,600	*8300 *18,600	5.29 16.67
7.5 m 25.0 ft	kg lb					*9000 *19,750	8700 18,600			*7250 *16,100	7000 15,750	6.85 22.50
6.0 m 20.0 ft	kg lb					*9350 *20,400	8550 18,400	*8750 *17,650	6050 12,950	*6900 *15,200	5650 12,550	7.81 25.83
4.5 m 15.0 ft	kg lb			*13 100 *28,150	12 700 27,350	*10 400 *22,500	8250 17,750	*9050 *19,700	5950 12,750	*6850 *15,050	5000 11,000	8.40 27.50
3.0 m 10.0 ft	kg lb			*15 850 *34,050	11 900 25,600	*11 650 *25,150	7900 17,000	9600 20,600	5750 12,400	*7050 *15,500	4650 10,250	8.69 29.17
1.5 m 5.0 ft	kg lb			*16 050 *37,550	11 350 24,450	*12 600 *27,250	7600 16,400	9400 20,250	5600 12,050	*7500 *16,500	4550 10,050	8.71 29.17
0.0 m 0.0 ft	kg lb			*17 300 *37,550	11 150 24,000	*12 900 27,850	7450 16,000	9300 20,000	5500 11,850	7850 17,300	4700 10,350	8.46 28.33
-1.5 m -5.0 ft	kg lb	*11 500 *26,200	*11 500 *26,200	*16 200 *35,150	11 150 24,000	*12 350 *26,700	7400 15,900	9300 20,000	5500 11,850	8600 19,000	5150 11,300	7.92 26.67
-3.0 m -10.0 ft	kg lb	*17 800 *38,650	*17 800 *38,650	*13 950 *30,200	11 300 24,300	*10 700 *22,950	7450 16,100			*8450 *18,550	6100 13,500	7.02 23.33
-4.5 m -15.0 ft	kg lb			*9850 *20,700	*9850 *20,700					*7350 *15,950	*7350 *15,950	5.58 18.33



ISO 10567



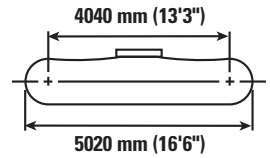
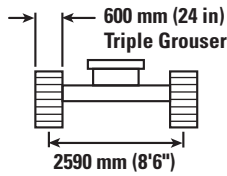
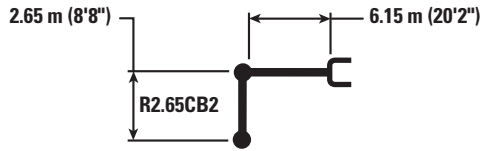
*Indicates that the load is limited by hydraulic lifting capacity rather than tipping load. The above loads are in compliance with hydraulic excavator lift capacity standard ISO 10567:2007. They do not exceed 87% of hydraulic lifting capacity or 75% of tipping load. Weight of all lifting accessories must be deducted from the above lifting capacities. Lifting capacities are based on the machine standing on a firm, uniform supporting surface. The use of a work tool attachment point to handle/lift objects, could affect the machine lift performance.












Lift capacity stays with $\pm 5\%$ for all available track shoes.

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

335F L Hydraulic Excavator Specifications

Reach Boom Lift Capacities – Counterweight: 7.7 mt (16,976 lb) – without Bucket



		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
9.0 m 30.0 ft	kg lb									*8300 *18,600	*8300 *18,600	5.29 16.67
7.5 m 25.0 ft	kg lb					*9000 *19,750	8400 18,000			*7250 *16,100	6750 15,200	6.85 22.50
6.0 m 20.0 ft	kg lb					*9350 *20,400	8250 17,750	*8750 *17,650	5800 12,450	*6900 *15,200	5450 12,050	7.81 25.83
4.5 m 15.0 ft	kg lb			*13 100 *28,150	12 250 26,450	*10 400 *22,500	7950 17,150	*9050 *19,700	5700 12,250	*6850 *15,050	4800 10,550	8.40 27.50
3.0 m 10.0 ft	kg lb			*15 850 *34,050	11 450 24,700	*11 650 *25,150	7600 16,400	9250 19,850	5550 11,900	*7050 *15,500	4450 9,850	8.69 29.17
1.5 m 5.0 ft	kg lb			*16 050 *37,550	10 900 23,500	*12 600 *27,200	7300 15,750	9050 19,500	5400 11,600	7300 16,050	4400 9,650	8.71 29.17
0.0 m 0.0 ft	kg lb			*17 300 *37,550	10 750 23,050	12 450 26,800	7150 15,350	8950 19,250	5300 11,400	7550 16,600	4500 9,900	8.46 28.33
-1.5 m -5.0 ft	kg lb	*11 500 *26,200	*11 500 *26,200	*16 200 *35,150	10 750 23,050	*12 350 26,650	7100 15,250	8950 19,200	5250 11,350	8300 18,300	4950 10,850	7.92 26.67
-3.0 m -10.0 ft	kg lb	*17 800 *38,650	*17 800 *38,650	*13 950 *30,200	10 850 23,350	*10 700 *22,950	7150 15,450			*8450 *18,550	5850 13,000	7.02 23.33
-4.5 m -15.0 ft	kg lb			*9850 *20,700	*9850 *20,700					*7350 *15,950	*7350 *15,950	5.58 18.33



ISO 10567



*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. 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. The use of a work tool attachment point to handle/lift objects, could affect the machine lift performance.

Lift capacity stays with ±5% for all available track shoes.

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

335F L Hydraulic Excavator Specifications

335F L (with or without blade) Work Tool Offering Guide*

Boom Option	Reach Boom		
	R3.75 (12'4")	R3.2 (10'6")	R2.65 (8'8")
Stick Option			
Hammer	H120Es H130Es H140Es B35	H120Es H130Es H140Es B35	H120Es H130Es H140Es B35
Multi-Processor	MP324 CC Jaw** MP324 D Jaw** MP324 P Jaw*** MP324 U Jaw*** MP324 S Jaw** MP324 TS Jaw***	MP324 CC Jaw MP324 D Jaw MP324 P Jaw** MP324 U Jaw MP324 S Jaw MP324 TS Jaw**	MP324 CC Jaw MP324 D Jaw MP324 P Jaw MP324 U Jaw MP324 S Jaw MP324 TS Jaw
Mobile Scrap and Demolition Shear	S320B S340B#	S320B S325B** S340B#	S320B S325B** S340#
Pulverizer	P225**	P225	P225
Demolition and Sorting Grapple (D-Demolition, R-Recycling Shells)	G320B-D/R** G325B-D***	G320B-D/R G325B-D**	G320B-D/R G325B-D
Compactor (Vibratory Plate)	CVP110	CVP110	CVP110
Orange Peel Grapple			
Clamshells			
Thumbs			
Rippers			
Rakes			
Pin Grabber Coupler			
Dedicated Quick Coupler			

These work tools are available for the 335F L.
Consult your Cat dealer for proper match.

*Offerings not available in all areas. Matches are dependent on excavator configurations. Consult your Cat dealer to determine what is offered in your area and for proper work tool match.

**Pin-on or Dedicated coupler.

***Pin-on only.

#Boom mount.

335F L Hydraulic Excavator Specifications

Bucket Specifications and Compatibility – ANZ

	Linkage	Width		Capacity		Weight		Fill	With Blade			Without Blade		
									600 mm (24 in) TG			600 mm (24 in) TG		
		Reach Boom			Reach Boom									
		mm	in	m ³	yd ³	kg	lb	%	R2.65 (8'8")	R3.2 (10'6")	R3.75 (12'4")	R2.65 (8'8")	R3.2 (10'6")	R3.75 (12'4")
With Pin Grabber Coupler														
General Duty (GD)	CB	600	24	0.52	0.68	659	1,451	100%	●	●	●	●	●	●
	CB	750	30	0.71	0.93	726	1,599	100%	●	●	●	●	●	●
	CB	1000	40	1.03	1.35	834	1,838	100%	●	●	●	●	●	●
	CB	1350	54	1.54	2.02	1004	2,212	100%	●	⊙	⊖	●	⊙	⊖
	CB	1500	60	1.76	2.30	1068	2,353	100%	⊙	⊙	⊖	⊙	⊖	○
	CB	1600	63	1.86	2.43	1098	2,419	100%	⊙	⊖	○	⊖	○	○
Heavy Duty (HD)	CB	600	24	0.52	0.68	808	1,780	100%	●	●	●	●	●	●
	CB	750	30	0.71	0.93	947	2,086	100%	●	●	●	●	●	●
	CB	900	36	0.91	1.19	1040	2,292	100%	●	●	●	●	●	●
	CB	1050	42	1.12	1.46	1134	2,498	100%	●	●	●	●	●	●
	CB	1200	48	1.33	1.74	1206	2,657	100%	●	●	●	●	●	⊙
	CB	1350	54	1.54	2.02	1305	2,876	100%	●	●	⊙	●	⊙	⊖
	CB	1500	60	1.76	2.30	1406	3,098	100%	●	⊙	⊖	⊙	⊖	○
	CB	1650	66	1.97	2.58	1477	3,254	100%	⊙	⊖	○	⊖	○	○
Severe Duty (SD)	CB	1050	42	1.12	1.46	1241	2,734	90%	●	●	●	●	●	●
Maximum load pin-on (payload + bucket)								kg	4570	4078	3587	4154	3689	3223
								lb	10,073	8,989	7,907	9,156	8,132	7,105

Maximum Material Density:

- 2100 kg/m³ (3,500 lb/yd³)
- ⊙ 1800 kg/m³ (3,000 lb/yd³)
- ⊖ 1500 kg/m³ (2,500 lb/yd³)
- 1200 kg/m³ (2,000 lb/yd³)

The above loads are in compliance with hydraulic excavator standard EN474, they do not exceed 87% of hydraulic lifting capacity or 75% of tipping capacity with front linkage fully extended at ground line with bucket curled.

Capacity based on ISO 7451.

Bucket weight with General Duty tips.

Caterpillar recommends using appropriate work tools to maximize the value customers receive from our products. Use of work tools, including buckets, which are outside of Caterpillar's recommendations or specifications for weight, dimensions, flows, pressures, etc. may result in less-than-optimal performance, including but not limited to reductions in production, stability, reliability, and component durability. Improper use of a work tool resulting in sweeping, prying, twisting and/or catching of heavy loads will reduce the life of the boom and stick.

335F L Hydraulic Excavator Specifications

Bucket Specifications and Compatibility – NACD

	Linkage	Width		Capacity		Weight		Fill	With Blade			Without Blade		
									850 mm (33 in) TG			850 mm (33 in) TG		
		Reach Boom			Reach Boom			Reach Boom			Reach Boom			
		mm	in	m ³	yd ³	kg	lb	%	R2.65 (8'8")	R3.2 (10'6")	R3.75 (12'4")	R2.65 (8'8")	R3.2 (10'6")	R3.75 (12'4")
Without Quick Coupler														
General Duty (GDC)	CB	600	24	0.63	0.83	724	1,595	100%	●	●	●	●	●	●
	CB	750	30	0.86	1.13	810	1,785	100%	●	●	●	●	●	●
	CB	900	36	1.09	1.43	907	1,998	100%	●	●	●	●	●	●
	CB	1050	42	1.34	1.75	979	2,157	100%	●	●	●	●	●	●
	CB	1200	48	1.58	2.07	1070	2,358	100%	●	●	●	●	●	⊙
Heavy Duty (HD)	CB	600	24	0.52	0.68	763	1,681	100%	●	●	●	●	●	●
	CB	750	30	0.71	0.93	847	1,866	100%	●	●	●	●	●	●
	CB	900	36	0.91	1.19	935	2,061	100%	●	●	●	●	●	●
	CB	1050	42	1.12	1.46	1024	2,256	100%	●	●	●	●	●	●
	CB	1200	48	1.33	1.74	1095	2,413	100%	●	●	●	●	●	●
	CB	1350	54	1.54	2.02	1188	2,618	100%	●	●	●	●	●	⊙
Severe Duty (SD)	CB	600	24	0.52	0.68	810	1,784	90%	●	●	●	●	●	●
	CB	750	30	0.71	0.93	902	1,987	90%	●	●	●	●	●	●
	CB	900	36	0.91	1.19	999	2,202	90%	●	●	●	●	●	●
	CB	1050	42	1.12	1.46	1097	2,417	90%	●	●	●	●	●	●
	CB	1200	48	1.33	1.74	1178	2,595	90%	●	●	●	●	●	●
	Maximum load pin-on (payload + bucket)								kg	5287	4782	4278	4872	4393
								lb	11,653	10,540	9,429	10,738	9,682	8,626
With Pin Grabber Coupler														
General Duty (GDC)	CB	600	24	0.63	0.83	724	1,595	100%	●	●	●	●	●	●
	CB	750	30	0.86	1.13	810	1,785	100%	●	●	●	●	●	●
	CB	900	36	1.09	1.43	907	1,998	100%	●	●	●	●	●	●
	CB	1050	42	1.34	1.75	979	2,157	100%	●	●	●	●	●	⊙
	CB	1200	48	1.58	2.07	1070	2,358	100%	●	●	⊙	●	⊙	⊖
Heavy Duty (HD)	CB	600	24	0.52	0.68	763	1,681	100%	⊙	⊖	⊖	⊙	⊖	○
	CB	750	30	0.71	0.93	847	1,866	100%	●	●	●	●	●	●
	CB	900	36	0.91	1.19	935	2,061	100%	●	●	●	●	●	●
	CB	1050	42	1.12	1.46	1024	2,256	100%	●	●	●	●	●	●
	CB	1200	48	1.33	1.74	1095	2,413	100%	●	●	●	●	●	⊙
	CB	1350	54	1.54	2.02	1188	2,618	100%	●	●	⊖	●	⊙	⊖
Severe Duty (SD)	CB	600	24	0.52	0.68	810	1,784	90%	⊙	⊖	○	⊙	⊖	○
	CB	750	30	0.71	0.93	902	1,987	90%	⊙	⊖	○	⊙	⊖	○
	CB	900	36	0.91	1.19	999	2,202	90%	⊙	⊖	○	⊙	⊖	○
	CB	1050	42	1.12	1.46	1097	2,417	90%	⊙	⊖	○	⊙	⊖	○
	CB	1200	48	1.33	1.74	1178	2,595	90%	⊙	⊖	○	⊙	⊖	○
	CB	1200	48	1.33	1.74	1178	2,595	90%	●	●	●	●	●	⊙
Maximum load pin-on (payload + bucket)								kg	4782	4277	3773	4367	3888	3409
								lb	10,541	9,428	8,317	9,626	8,570	7,514

Maximum Material Density:

- 2100 kg/m³ (3,500 lb/yd³)
- ⊙ 1800 kg/m³ (3,000 lb/yd³)
- ⊖ 1500 kg/m³ (2,500 lb/yd³)
- 1200 kg/m³ (2,000 lb/yd³)
- ◇ 900 kg/m³ (1,500 lb/yd³)

The above loads are in compliance with hydraulic excavator standard EN474, they do not exceed 87% of hydraulic lifting capacity or 75% of tipping capacity with front linkage fully extended at ground line with bucket curled.

Capacity based on ISO 7451.

Bucket weight with General Duty tips.

Caterpillar recommends using appropriate work tools to maximize the value customers receive from our products. Use of work tools, including buckets, which are outside of Caterpillar's recommendations or specifications for weight, dimensions, flows, pressures, etc. may result in less-than-optimal performance, including but not limited to reductions in production, stability, reliability, and component durability. Improper use of a work tool resulting in sweeping, prying, twisting and/or catching of heavy loads will reduce the life of the boom and stick.

Standard Equipment

Standard equipment may vary. Consult your Cat dealer for details.

ENGINE

- Cat C7.1 ACERT diesel engine
 - Biodiesel capable up to B20
 - Meets Tier 4 Final/Stage IV emission standards
 - Standard, economy, and high power modes
- Automatic engine speed control
- Automatic engine idle shutdown
- Three-stage fuel filtration system with water separator and indicator
- 4600 m (15,000 ft) altitude capability
- 52° C (126° F) high ambient cooling capability
- 115 amp alternator
- Radial seal air filter with double filter element
- Electric fuel priming pump

HYDRAULIC SYSTEM

- Electric boom regeneration circuit
- Stick regeneration circuit
- One-touch lifting mode
- Automatic two-speed travel
- Boom and stick drift reduction valve
- Reverse swing damping valve
- High-performance hydraulic return filter

CAB

- Openable skylight as emergency exit
- Openable laminated front upper windshield with assist device
- Removable tempered lower windshield with in-cab storage bracket
- Fully adjustable seat, console and armrest
- 51 mm (2 in) width seat belt
- Full graphic 178 mm (7 inch) LCD monitor, with distortion-free rearview camera picture
- Automatic bi-level air conditioner with pressurized function
- 12V × 2 power supply with sockets
- Washable floor mat
- Flexible seat belt

UNDERCARRIAGE & STRUCTURES

- HD track rollers
- Grease lubricated track link
- Tie down points on base frame
- HD bottom guard

ELECTRICAL

- Maintenance-free battery
- Centralized electrical disconnect switch
- Programmable time delay working lights

SERVICE & MAINTENANCE

- Grouped oil, fuel, and hydraulic oil filters for ease of maintenance
- Sampling ports for Scheduled Oil Sampling (S·O·SSM)
- Air-to-air aftercooler (ATAAC) and fixed-type A/C condenser

SAFETY & SECURITY

- Rearview camera with three mirrors
- Hand rail mirror for right rear view
- Bolt-free service platform with anti-skid plate
- Neutral lever for all controls
- Ground-level-accessible secondary engine shutoff switch in cab
- Signaling/warning horn
- Safety hammer for cab evacuation
- Travel alarm

CAT CONNECT TECHNOLOGY

- Product Link
- Rearview camera