



# 336 GC

## Hydraulic Excavator

# Technical Specifications

Configurations and features may vary by region. Please consult your Cat® dealer for availability in your area.

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# 336 GC Hydraulic Excavator Specifications

## Engine

Engine Model	Cat® C7.1	
Net Power – ISO 9249	194 kW	259 hp
Engine Power – SAE J1349	194 kW	259 hp
Bore	105 mm	4 in
Stroke	135 mm	5 in
Displacement	7.1 L	433 in <sup>3</sup>

- Equivalent to U.S. EPA Tier 3, EU Stage IIIA emission standards.
- Recommended for use up to 3300 m (10,830 ft) altitude with engine power derate above 2300 m (7,550 ft).
- Net power is tested per ISO 9249. Standards in effect at the time of manufacture.
- Net power advertised is the power available at the flywheel when the engine is equipped with fan, air intake system, exhaust system and alternator.
- Rated speed at 2,000 rpm.

## Swing Mechanism

Swing Speed	8.74 rpm	
Maximum Swing Torque	137 kN·m	101,168 lbf·ft

## Weights

Operating Weight	34 800 kg	76,700 lb
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- Long undercarriage, Reach boom, R3.2DB (10'6") stick, HD 1.88 m<sup>3</sup> (2.46 yd<sup>3</sup>) bucket, 600 mm (24") triple grouser shoes, 6.8 mt (14,991 lb) counterweight.

## Track

Standard Track Shoes Width	600 mm	24 in
Optional Track Shoes Width	700 mm	28 in
Optional Track Shoes Width	800 mm	31 in
Optional Track Shoes Width	850 mm	33 in
Number of Shoes (each side)	49	
Number of Track Rollers (each side)	8	
Number of Carrier Rollers (each side)	2	

## Drive

Gradeability	35°/70%	
Maximum Travel Speed	4.7 km/h	3 mph
Maximum Drawbar Pull	297 kN	66,656 lbf

## Hydraulic System

Main System – Maximum Flow – Implement	559 L/min (279 × 2 pumps)	148 gal/min (74 × 2 pumps)
Maximum Pressure – Equipment – Implement	35 000 kPa	5,076 psi
Maximum Pressure – Travel	35 000 kPa	5,076 psi
Maximum Pressure – Swing	28 000 kPa	4,061 psi
Boom Cylinder – Bore	145 mm	6 in
Boom Cylinder – Stroke	1440 mm	57 in
Stick Cylinder – Bore	160 mm	6 in
Stick Cylinder – Stroke	1738 mm	68 in
DB Bucket Cylinder – Bore	145 mm	6 in
DB Bucket Cylinder – Stroke	1151 mm	45 in

## Service Refill Capacities

Fuel Tank Capacity	600 L	158.5 gal
Cooling System	19 L	4.9 gal
Engine Oil (with filter)	20 L	5.3 gal
Swing Drive (each)	18 L	4.8 gal
Final Drive (each)	8 L	2.1 gal
Hydraulic System (including tank)	373 L	98.5 gal
Hydraulic Tank	161 L	42.5 gal

## Standards

Brakes	ISO 10265:2008
Cab/ROPS	ISO 12117-2:2008
FOGS (optional)	ISO 10262-2:1998

## Sound Performance

ISO 6395 (external)	105 dB(A)
ISO 6396 (inside cab)	72 dB(A)

- 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.

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## Operating Weights and Ground Pressures

	600 mm (24") Triple Grouser Shoes		700 mm (28") Triple Grouser Shoes		800 mm (31") Triple Grouser Shoes		850 mm (33") Triple Grouser Shoes	
	Weight	Ground Pressure	Weight	Ground Pressure	Weight	Ground Pressure	Weight	Ground Pressure
	kg (lb)	kPa (psi)	kg (lb)	kPa (psi)	kg (lb)	kPa (psi)	kg (lb)	kPa (psi)
<b>6.8 mt (14,991 lb) Counterweight + Long Undercarriage Base Machine</b>								
Reach Boom + R3.2 m (10'6") DB Stick + 1.88 m <sup>3</sup> (2.46 yd <sup>3</sup> ) HD Bucket	34 800 (76,700)	64.8 (9.4)	35 100 (77,500)	56.1 (8.1)	35 800 (78,900)	50.0 (7.3)	36 000 (79,400)	47.3 (6.9)
Reach Boom + R2.8 m (9'2") DB Stick + 1.88 m <sup>3</sup> (2.46 yd <sup>3</sup> ) HD Bucket	34 700 (76,500)	64.6 (9.4)	35 000 (77,200)	55.9 (8.1)	35 700 (78,700)	49.9 (7.2)	35 900 (79,100)	47.2 (6.8)

All operating weights include a 90% fuel tank with 75 kg (165 lb) operator.

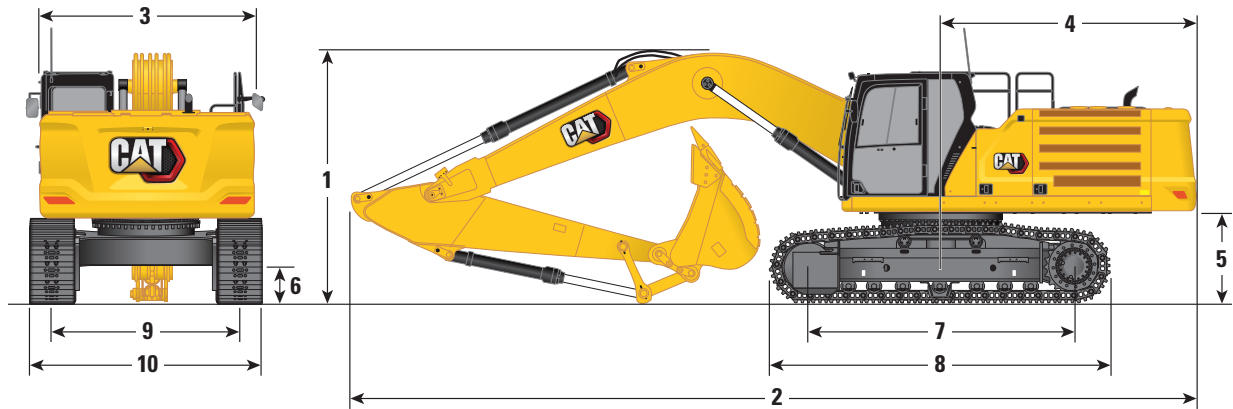
## Major Component Weights

	kg	lb
Base machine with 6.8 mt (14,991 lb) counterweight, standard swing frame, base frame with standard track rollers and carrier rollers	23 540	51,910
Track Shoes:		
600 mm (24") Width, 11 mm (0.43") Thick, Triple Grouser Track Shoes	4090	9,020
700 mm (28") Width, 11 mm (0.43") Thick, Triple Grouser Track Shoes	4450	9,800
800 mm (31") Width, 13 mm (0.51") Thick, Triple Grouser Track Shoes	5100	11,230
850 mm (33") Width, 13 mm (0.51") Thick, Triple Grouser Track Shoes	5300	11,690
Two Boom Cylinders	560	1,240
Weight of 90% Fuel Tank and 75 kg (165 lb) Operator	550	1,210
Counterweight:		
6.8 mt Counterweight	6800	14,991
Swing Frame:		
Standard Swing Frame	3160	6,960
Standard Undercarriage:		
Base Frame with Standard Track Rollers and Carrier Rollers	8400	18,520
Boom (including lines, pins, stick cylinder):		
Reach Boom 6.5 m (21'4")	3140	6,910
Sticks (including lines, pins, bucket cylinder, bucket linkage):		
Reach Stick R2.8DB (9'2")	1650	3,650
Reach Stick R3.2DB (10'6")	1760	3,890
Bucket (without linkage):		
1.88 m <sup>3</sup> (2.46 yd <sup>3</sup> ) HD	1710	3,770
Quick Coupler:		
Pin Grabber QC	700	1,550

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## Dimensions

All dimensions are approximate and may vary depending on bucket selection.



### Boom Option

Reach Boom  
6.5 m (21'4")

### Stick Options

Reach Stick

R3.2DB (10'6")

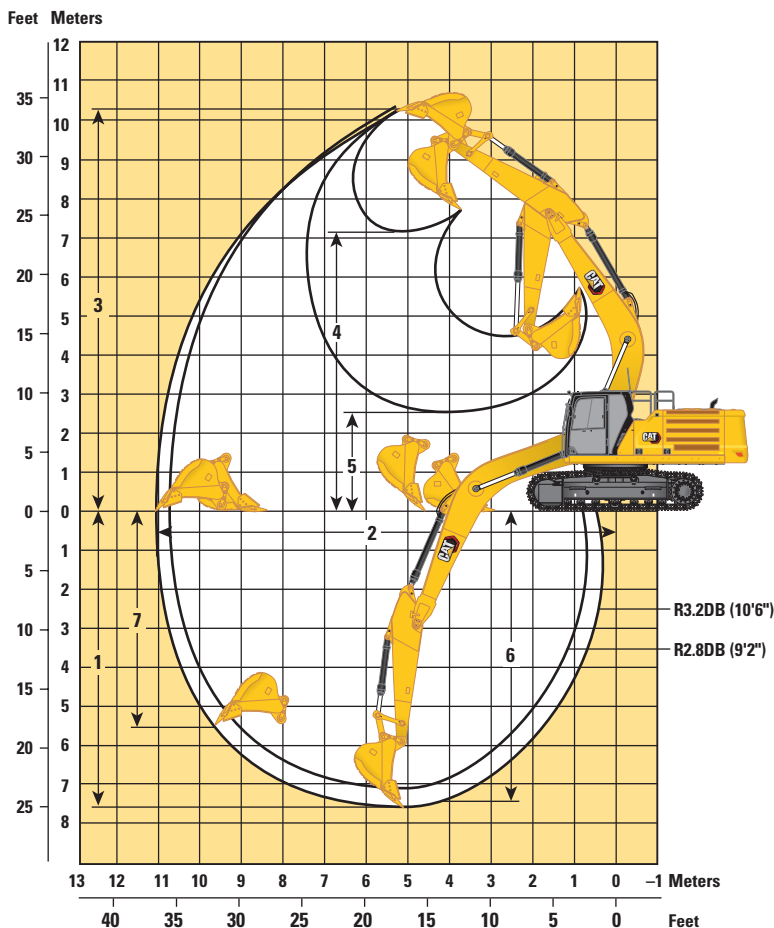
R2.8DB (9'2")

	R3.2DB (10'6")		R2.8DB (9'2")	
<b>1 Machine Height:</b>				
Cab Height	3170 mm	10'4"	3170 mm	10'4"
FOGS Height	3310 mm	10'10"	3310 mm	10'10"
Handrails Height	3160 mm	10'4"	3160 mm	10'4"
With Boom/Stick/Bucket Installed	3470 mm	11'4"	3660 mm	12'0"
With Boom/Stick Installed	3330 mm	10'11"	3450 mm	11'3"
With Boom Installed	2880 mm	9'5"	2880 mm	9'5"
With Boom/Stick/Bucket Installed (with auxiliary lines)	3520 mm	11'6"	3680 mm	12'0"
With Boom/Stick Installed (with auxiliary lines)	3400 mm	11'1"	3500 mm	11'5"
With Boom Installed (with auxiliary lines)	2970 mm	9'8"	2970 mm	9'8"
<b>2 Machine Length:</b>				
With Boom/Stick/Bucket Installed	11 170 mm	36'7"	11 220 mm	36'9"
With Boom/Stick Installed	11 140 mm	36'6"	11 190 mm	36'8"
With Boom Installed	9960 mm	32'8"	9960 mm	32'8"
With Boom/Stick/Bucket Installed (with auxiliary lines)	11 170 mm	36'7"	11 220 mm	36'9"
With Boom/Stick Installed (with auxiliary lines)	11 140 mm	36'6"	11 190 mm	36'8"
With Boom Installed (with auxiliary lines)	10 010 mm	32'10"	10 010 mm	32'10"
<b>3 Upperframe Width without Walkways</b>	2970 mm	9'9"	2970 mm	9'9"
<b>4 Tail Swing Radius</b>	3530 mm	11'6"	3530 mm	11'6"
<b>5 Counterweight Clearance</b>	1250 mm	4'1"	1250 mm	4'1"
<b>6 Ground Clearance</b>	510 mm	1'8"	510 mm	1'8"
<b>7 Length to Center of Rollers</b>	4040 mm	13'3"	4040 mm	13'3"
<b>8 Track Length</b>	5030 mm	16'6"	5030 mm	16'6"
<b>9 Track Gauge</b>	2590 mm	8'5"	2590 mm	8'5"
<b>10 Undercarriage Width:</b>				
600 mm (24") Shoes	3190 mm	10'5"	3190 mm	10'5"
700 mm (28") Shoes	3290 mm	10'9"	3290 mm	10'9"
800 mm (31") Shoes	3390 mm	11'1"	3390 mm	11'1"
850 mm (33") Shoes	3440 mm	11'3"	3440 mm	11'3"
Bucket Type	HD		HD	
Bucket Capacity	1.88 m <sup>3</sup>	2.46 yd <sup>3</sup>	1.88 m <sup>3</sup>	2.46 yd <sup>3</sup>
Bucket Tip Radius	1760 mm	5'9"	1760 mm	5'9"

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## Working Ranges and Forces

All dimensions are approximate and may vary depending on bucket selection.



### Boom Option

**Reach Boom**  
6.5 m (21'4")

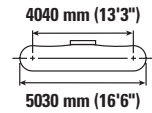
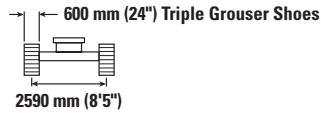
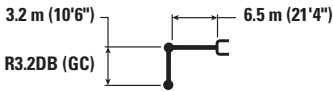
### Stick Options

**Reach Stick**

	R3.2DB (10'6")		R2.8DB (9'2")	
<b>1</b> Maximum Digging Depth	7520 mm	24'8"	7120 mm	23'4"
<b>2</b> Maximum Reach at Ground Line	11 050 mm	36'3"	10 740 mm	35'2"
<b>3</b> Maximum Cutting Height	10 300 mm	33'9"	10 360 mm	33'11"
<b>4</b> Maximum Loading Height	7080 mm	23'2"	7080 mm	23'2"
<b>5</b> Minimum Loading Height	2580 mm	8'5"	2980 mm	9'9"
<b>6</b> Maximum Depth Cut for 2240 mm (8'0") Level Bottom	7360 mm	24'1"	6950 mm	22'9"
<b>7</b> Maximum Vertical Wall Digging Depth	5660 mm	18'6"	5620 mm	18'5"
Bucket Digging Force (ISO)	197 kN	44,350 lbf	197 kN	44,350 lbf
Stick Digging Force (ISO)	148 kN	33,160 lbf	164 kN	36,890 lbf
Bucket Type	HD		HD	
Bucket Capacity	1.88 m <sup>3</sup>	2.46 yd <sup>3</sup>	1.88 m <sup>3</sup>	2.46 yd <sup>3</sup>
Bucket Tip Radius	1760 mm	5'9"	1760 mm	5'9"

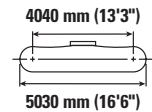
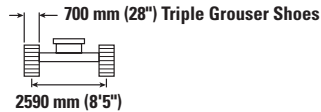
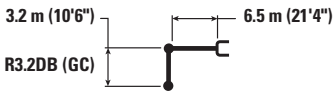
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## Reach Boom Lift Capacities – Counterweight: 6.8 mt (14,991 lb) – without Bucket



		3000 mm/120 in		4500 mm/180 in		6000 mm/240 in		7500 mm/300 in		9000 mm/360 in		mm in		
7500 mm 300 in	kg lb							*6850	*6850			*5750 *12,700	*5750 *12,700	7700 300
6000 mm 240 in	kg lb							*7500 *16,350	7300 15,700			*5550 *12,250	*5550 *12,250	8580 340
4500 mm 180 in	kg lb			*11 450	*11 450	*9200 *19,850	*9200 *19,850	*8050 *17,450	7100 15,250	*6600	5300	*5600 *12,350	5200 11,450	9130 360
3000 mm 120 in	kg lb			*14 450 *31,050	14 200 30,700	*10 600 *22,950	9400 20,300	*8750 *19,050	6800 14,700	*7750 *16,900	5200 11,150	*5850 *12,800	4850 10,650	9410 370
1500 mm 60 in	kg lb			*16 650 *35,900	13 350 28,750	*11 900 *25,700	8950 19,250	*9500 *20,550	6550 14,150	7900 16,950	5050 10,900	*6250 *13,700	4700 10,400	9440 380
0 mm 0 in	kg lb			*17 350 *37,600	13 000 27,900	*12 600 *27,300	8650 18,600	*9950 *21,550	6350 13,700	7800 16,750	4950 10,700	*6950 *15,250	4800 10,550	9220 370
-1500 mm -60 in	kg lb	*11 700 *26,500	*11 700 *26,500	*17 000 *36,850	12 900 27,750	*12 700 *27,500	8500 18,350	*9950 *21,550	6300 13,550			8100 17,850	5150 11,350	8750 350
-3000 mm -120 in	kg lb	*18 500 *41,900	*18 500 *41,900	*15 750 *34,150	13 000 27,950	*12 000 *25,900	8550 18,400	*9300 *19,900	6350 13,650			*8500 *18,650	5900 13,000	7960 320
-4500 mm -180 in	kg lb	*17 700 *38,150	*17 700 *38,150	*13 350 *28,650	13 300 28,600	*10 100 *21,500	8750 18,900					*8500 *18,700	7500 16,750	6750 270

## Reach Boom Lift Capacities – Counterweight: 6.8 mt (14,991 lb) – without Bucket



		3000 mm/120 in		4500 mm/180 in		6000 mm/240 in		7500 mm/300 in		9000 mm/360 in		mm in		
7500 mm 300 in	kg lb							*6850	*6850			*5750 *12,700	*5750 *12,700	7700 300
6000 mm 240 in	kg lb							*7500 *16,350	7350 15,800			*5550 *12,250	*5550 *12,250	8580 340
4500 mm 180 in	kg lb			*11 450	*11 450	*9200 *19,850	*9200 *19,850	*8050 *17,450	7150 15,400	*6600	5350	*5600 *12,350	5250 11,550	9130 360
3000 mm 120 in	kg lb			*14 450 *31,050	14 350 30,950	*10 600 *22,950	9500 20,450	*8750 *19,050	6900 14,800	*7750 *16,900	5250 11,250	*5850 *12,800	4900 10,750	9410 370
1500 mm 60 in	kg lb			*16 650 *35,900	13 450 29,000	*11 900 *25,700	9000 19,450	*9500 *20,550	6600 14,250	7950 17,150	5100 11,000	*6250 *13,700	4750 10,500	9440 380
0 mm 0 in	kg lb			*17 350 *37,600	13 100 28,200	*12 600 *27,300	8700 18,800	*9950 *21,550	6450 13,850	7850 16,950	5000 10,800	*6950 *15,250	4850 10,700	9220 370
-1500 mm -60 in	kg lb	*11 700 *26,500	*11 700 *26,500	*17 000 *36,850	13 000 28,000	*12 700 *27,500	8600 18,500	*9950 *21,550	6350 13,650			*8100 *17,900	5200 11,450	8750 350
-3000 mm -120 in	kg lb	*18 500 *41,900	*18 500 *41,900	*15 750 *34,150	13 150 28,250	*12 000 *25,900	8600 18,550	*9300 *19,900	6400 13,800			*8500 *18,650	5950 13,150	7960 320
-4500 mm -180 in	kg lb	*17 700 *38,150	*17 700 *38,150	*13 350 *28,650	*13 350 *28,650	*10 100 *21,500	8850 19,050					*8500 *18,700	7550 16,950	6750 270



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.

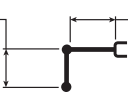
Always refer to the appropriate Operation and Maintenance Manual for specific product information.

# 336 GC Hydraulic Excavator Specifications

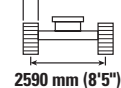
## Reach Boom Lift Capacities – Counterweight: 6.8 mt (14,991 lb) – without Bucket

3.2 m (10'6") 6.5 m (21'4")

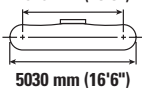
R3.2DB (GC)



800 mm (31") Triple Grouser Shoes



4040 mm (13'3")



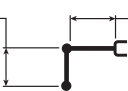
5030 mm (16'6")

		3000 mm/120 in		4500 mm/180 in		6000 mm/240 in		7500 mm/300 in		9000 mm/360 in		mm in		
7500 mm 300 in	kg lb							*6850	*6850			*5750 *12,700	*5750 *12,700	7700 300
6000 mm 240 in	kg lb							*7500 *16,350	7450 16,050			*5550 *12,250	*5550 *12,250	8580 340
4500 mm 180 in	kg lb			*11 450	*11 450	*9200 *19,850	*9200 *19,850	*8050 *17,450	7250 15,600	*6600	5450	*5600 *12,350	*5300 11,750	9130 360
3000 mm 120 in	kg lb			*14 450 *31,050	*14 450 *31,050	*10 600 *22,950	9650 20,750	*8750 *19,050	7000 15,050	*7750 *16,900	5350 11,450	*5850 *12,800	4950 10,950	9410 370
1500 mm 60 in	kg lb			*16 650 *35,900	13 700 29,500	*11 900 *25,700	9150 19,750	*9500 *20,550	6750 14,500	*8100 17,450	5200 11,200	*6250 *13,700	4850 10,650	9440 380
0 mm 0 in	kg lb			*17 350 *37,600	13 300 28,650	*12 600 *27,300	8850 19,100	*9950 *21,550	6550 14,100	8000 17,250	5100 11,000	*6950 *15,250	4950 10,850	9220 370
-1500 mm -60 in	kg lb	*11 700 *26,500	*11 700 *26,500	*17 000 *36,850	13 250 28,450	*12 700 *27,500	8750 18,800	*9950 *21,550	6450 13,900			*8100 *17,900	5300 11,650	8750 350
-3000 mm -120 in	kg lb	*18 500 *41,900	*18 500 *41,900	*15 750 *34,150	13 350 28,700	*12 000 *25,900	8750 18,900	*9300 *19,900	6500 14,000			*8500 *18,650	6050 13,350	7960 320
-4500 mm -180 in	kg lb	*17 700 *38,150	*17 700 *38,150	*13 350 *28,650	*13 350 *28,650	*10 100 *21,500	9000 19,400					*8500 *18,700	7700 17,200	6750 270

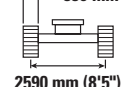
## Reach Boom Lift Capacities – Counterweight: 6.8 mt (14,991 lb) – without Bucket

3.2 m (10'6") 6.5 m (21'4")

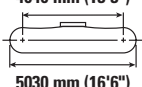
R3.2DB (GC)



850 mm (33") Triple Grouser Shoes



4040 mm (13'3")



5030 mm (16'6")

		3000 mm/120 in		4500 mm/180 in		6000 mm/240 in		7500 mm/300 in		9000 mm/360 in		mm in		
7500 mm 300 in	kg lb							*6850	*6850			*5750 *12,700	*5750 *12,700	7700 300
6000 mm 240 in	kg lb							*7500 *16,350	*7500 16,100			*5550 *12,250	*5550 *12,250	8580 340
4500 mm 180 in	kg lb			*11 450	*11 450	*9200 *19,850	*9200 *19,850	*8050 *17,450	7300 15,700	*6600	5450	*5600 *12,350	*5350 11,800	9130 360
3000 mm 120 in	kg lb			*14 450 *31,050	*14 450 *31,050	*10 600 *22,950	9700 20,850	*8750 *19,050	7050 15,150	*7750 *16,900	5350 11,500	*5850 *12,800	5000 11,000	9410 370
1500 mm 60 in	kg lb			*16 650 *35,900	13 750 29,650	*11 900 *25,700	9200 19,850	*9500 *20,550	6750 14,600	*8100 17,550	5250 11,250	*6250 *13,700	4900 10,750	9440 380
0 mm 0 in	kg lb			*17 350 *37,600	13 400 28,800	*12 600 *27,300	8900 19,200	*9950 *21,550	6600 14,150	8050 17,350	5150 11,050	*6950 *15,250	4950 10,950	9220 370
-1500 mm -60 in	kg lb	*11 700 *26,500	*11 700 *26,500	*17 000 *36,850	13 300 28,600	*12 700 *27,500	8800 18,900	*9950 *21,550	6500 14,000			*8100 *17,900	5300 11,700	8750 350
-3000 mm -120 in	kg lb	*18 500 *41,900	*18 500 *41,900	*15 750 *34,150	13 400 28,850	*12 000 *25,900	8800 19,000	*9300 *19,900	6550 14,100			*8500 *18,650	6050 13,450	7960 320
-4500 mm -180 in	kg lb	*17 700 *38,150	*17 700 *38,150	*13 350 *28,650	*13 350 *28,650	*10 100 *21,500	9000 19,500					*8500 *18,700	7750 17,300	6750 270



ISO 10567



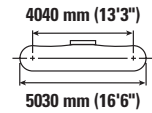
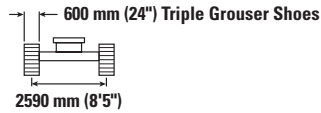
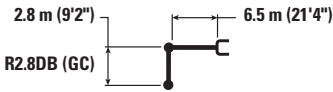
\* Indicates that the load is limited by hydraulic lifting capacity rather than tipping load. The above loads are in compliance with hydraulic excavator lift capacity standard ISO 10567:2007. They do not exceed 87% of hydraulic lifting capacity or 75% of tipping load. Weight of all lifting accessories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

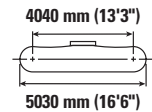
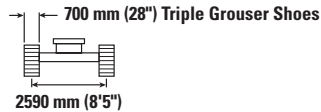
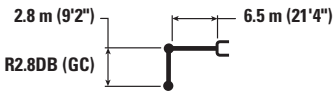
# 336 GC Hydraulic Excavator Specifications

## Reach Boom Lift Capacities – Counterweight: 6.8 mt (14,991 lb) – without Bucket



		3000 mm/120 in		4500 mm/180 in		6000 mm/240 in		7500 mm/300 in		9000 mm/360 in		mm in		
7500 mm 300 in	kg lb											*7300 *16,150	*7300 *16,150	7340 290
6000 mm 240 in	kg lb					*8550 *18,550	*8550 *18,550	*7950 *17,400	7250 15,550			*7000 *15,450	6200 13,750	8250 330
4500 mm 180 in	kg lb			*12 350 *26,450	*12 350 *26,450	*9700 *21,000	*9700 *21,000	*8400 *18,350	7050 15,200			*7000 *15,450	5450 12,100	8820 350
3000 mm 120 in	kg lb			*15 350 *32,900	14 000 30,250	*11 100 *23,950	9350 20,150	*9100 *19,750	6800 14,650	8050	5200	*7250 *15,950	5100 11,250	9110 360
1500 mm 60 in	kg lb			*14 100 *34,300	13 250 28,600	*12 250 *26,450	8900 19,250	*9750 *21,100	6600 14,150	7900	5100	*7700 *17,000	5000 10,950	9140 360
0 mm 0 in	kg lb			*16 550 *37,800	13 050 28,050	*12 800 *27,700	8650 18,700	*10 100 *21,850	6400 13,800			7950 17,500	5100 11,200	8920 350
-1500 mm -60 in	kg lb	*10 950 *24,900	*10 950 *24,900	*16 800 *36,450	13 000 28,000	*12 700 *27,450	8600 18,500	*9950 *21,500	6350 13,700			*8550 *18,850	5500 12,100	8420 340
-3000 mm -120 in	kg lb	*19 750 *43,650	*19 750 *43,650	*15 300 *33,100	13 150 28,350	*11 750 *25,300	8650 18,650	*8900	6450			*8700 *19,100	6350 14,050	7600 300
-4500 mm -180 in	kg lb	*16 000 *34,450	*16 000 *34,450	*12 450 *26,650	*12 450 *26,650	*9250 *19,400	8950 19,300					*8450 *18,550	8350 *18,550	6330 250

## Reach Boom Lift Capacities – Counterweight: 6.8 mt (14,991 lb) – without Bucket



		3000 mm/120 in		4500 mm/180 in		6000 mm/240 in		7500 mm/300 in		9000 mm/360 in		mm in		
7500 mm 300 in	kg lb											*7300 *16,150	*7300 *16,150	7340 290
6000 mm 240 in	kg lb					*8550 *18,550	*8550 *18,550	*7950 *17,400	7300 15,700			*7000 *15,450	6250 13,850	8250 330
4500 mm 180 in	kg lb			*12 350 *26,450	*12 350 *26,450	*9700 *21,000	*9700 *21,000	*8400 *18,350	7100 15,300			*7000 *15,450	5500 12,200	8820 350
3000 mm 120 in	kg lb			*15 350 *32,900	14 150 30,500	*11 100 *23,950	9450 20,350	*9100 *19,750	6850 14,800	*8050	5250	*7250 *15,950	5150 11,350	9110 360
1500 mm 60 in	kg lb			*14 100 *34,300	13 400 28,850	*12 250 *26,450	9000 19,400	*9750 *21,100	6650 14,300	8000	5150	*7700 *17,000	5050 11,050	9140 360
0 mm 0 in	kg lb			*16 550 *37,800	13 150 28,300	*12 800 *27,700	8750 18,500	*10 100 *21,850	6500 13,950			8050 17,700	5150 11,300	8920 350
-1500 mm -60 in	kg lb	*10 950 *24,900	*10 950 *24,900	*16 800 *36,450	13 150 28,250	*12 700 *27,450	8650 18,700	*9950 *21,500	6400 13,850			*8550 *18,850	5550 12,200	8420 340
-3000 mm -120 in	kg lb	*19 750 *43,650	*19 750 *43,650	*15 300 *33,100	13 300 28,600	*11 750 *25,300	8750 18,850	*8900	6500			*8700 *19,100	6400 14,200	7600 300
-4500 mm -180 in	kg lb	*16 000 *34,450	*16 000 *34,450	*12 450 *26,650	*12 450 *26,650	*9250 *19,400	9000 19,400					*8450 *18,550	8450 *18,550	6330 250



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.

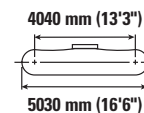
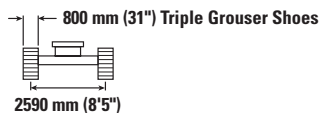
Lift capacity stays with ±5% for all available track shoes.

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



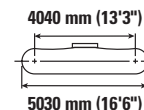
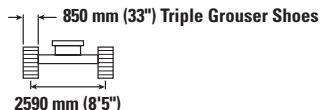
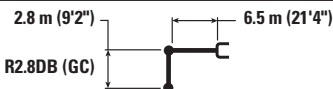
# 336 GC Hydraulic Excavator Specifications

## Reach Boom Lift Capacities – Counterweight: 6.8 mt (14,991 lb) – without Bucket



		3000 mm/120 in		4500 mm/180 in		6000 mm/240 in		7500 mm/300 in		9000 mm/360 in		mm in		
7500 mm 300 in	kg lb											*7300 *16,150	*7300 *16,150	7340 290
6000 mm 240 in	kg lb					*8550 *18,550	*8550 *18,550	*7950 *17,400	7400 15,950			*7000 *15,450	6350 14,100	8250 330
4500 mm 180 in	kg lb			*12 350 *26,450	*12 350 *26,450	*9700 *21,000	*9700 *21,000	*8400 *18,350	7250 15,550			*7000 *15,450	5600 12,400	8820 350
3000 mm 120 in	kg lb			*15 350 *32,900	14 350 30,950	*11 100 *23,950	9550 20,650	*9100 *19,750	7000 15,050	*8050	5350	*7250 *15,950	5250 11,550	9110 360
1500 mm 60 in	kg lb			*14 100 *34,300	13 600 29,350	*12 250 *26,450	9150 19,750	*9750 *21,100	6750 14,550	8150	5250	*7700 *17,000	5100 11,250	9140 360
0 mm 0 in	kg lb			*16 550 *37,800	13 350 28,750	*12 800 *27,700	8900 19,200	*10 100 *21,850	6600 14,200			8150 18,000	5250 11,500	8920 350
-1500 mm -60 in	kg lb	*10 950 *24,900	*10 950 *24,900	*16 800 *36,450	13 350 28,750	*12 700 *27,450	8800 19,000	*9950 *21,500	6550 14,100			*8550 *18,850	5650 12,400	8420 340
-3000 mm -120 in	kg lb	*19 750 *43,650	*19 750 *43,650	*15 300 *33,100	13 500 29,050	*11 750 *25,300	8900 19,150	*8900	6650			*8700 *19,100	6550 14,450	7600 300
-4500 mm -180 in	kg lb	*16 000 *34,450	*16 000 *34,450	*12 450 *26,650	*12 450 *26,650	*9250 *19,400	9150 *19,400					*8450 *18,550	*8450 *18,550	6330 250

## Reach Boom Lift Capacities – Counterweight: 6.8 mt (14,991 lb) – without Bucket



		3000 mm/120 in		4500 mm/180 in		6000 mm/240 in		7500 mm/300 in		9000 mm/360 in		mm in		
7500 mm 300 in	kg lb											*7300 *16,150	*7300 *16,150	7340 290
6000 mm 240 in	kg lb					*8550 *18,550	*8550 *18,550	*7950 *17,400	7450 16,000			*7000 *15,450	6350 14,150	8250 330
4500 mm 180 in	kg lb			*12 350 *26,450	*12 350 *26,450	*9700 *21,000	*9700 *21,000	*8400 *18,350	7250 15,650			*7000 *15,450	5650 12,450	8820 350
3000 mm 120 in	kg lb			*15 350 *32,900	14 400 31,100	*11 100 *23,950	9600 20,750	*9100 *19,750	7000 15,100	*8050	5350	*7250 *15,950	5250 11,600	9110 360
1500 mm 60 in	kg lb			*14 100 *34,300	13 700 29,500	*12 250 *26,450	9200 19,850	*9750 *21,100	6800 14,600	8200	5250	*7700 *17,000	5150 11,300	9140 360
0 mm 0 in	kg lb			*16 550 *37,800	13 450 28,900	*12 800 *27,700	8950 19,300	*10 100 *21,850	6650 14,250			8200 18,100	5250 11,600	8920 350
-1500 mm -60 in	kg lb	*10 950 *24,900	*10 950 *24,900	*16 800 *36,450	13 450 28,900	*12 700 *27,450	8850 19,100	*9950 *21,500	6550 14,150			*8550 *18,850	5650 12,500	8420 340
-3000 mm -120 in	kg lb	*19 750 *43,650	*19 750 *43,650	*15 300 *33,100	13 600 29,200	*11 750 *25,300	8950 19,250	*8900	6650			*8700 *19,100	6550 14,550	7600 300
-4500 mm -180 in	kg lb	*16 000 *34,450	*16 000 *34,450	*12 450 *26,650	*12 450 *26,650	*9250 *19,400	9200 *19,400					*8450 *18,550	*8450 *18,550	6330 250



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.

# 336 GC Hydraulic Excavator Specifications

## Bucket Specifications and Compatibility

	Linkage	Width		Capacity		Weight		Fill %	6.8 mt (14,991 lb) Counterweight	
		mm	in	m <sup>3</sup>	yd <sup>3</sup>	kg	lb		Reach Boom	
									R2.8 (9'2")	R3.2 (10'6")
<b>Pin-On (No Quick Coupler)</b>										
Heavy Duty	DB	750	30	0.73	0.95	1007	2,220	100	●	●
	DB	1050	42	1.17	1.54	1245	2,744	100	●	●
	DB	1200	48	1.40	1.83	1377	3,035	100	●	●
	DB	1350	54	1.64	2.14	1473	3,247	100	●	●
	DB	1500	60	1.88	2.46	1605	3,538	100	⊙	⊙
	DB	1650	66	2.12	2.77	1737	3,829	100	⊖	⊖
	DB	1850	72	2.36	3.09	1834	4,043	100	⊖	○
Severe Duty	DB	1200	48	1.40	1.83	1452	3,201	90	●	●
Ditch Cleaning	DB	1800	72	1.96	2.56	1034	2,280	100	●	●
Clean Up	DB	1800	72	2.48	3.24	1331	2,934	100	⊖	⊖
	DB	2000	78	2.74	3.58	1417	3,124	100	○	○
Maximum load with pin-on (payload + bucket)								kg	5280	4970
								lb	11,640	10,957
<b>With Cat Pin Grabber Coupler</b>										
Heavy Duty	DB	750	30	0.73	0.95	1007	2,220	100	●	●
	DB	1050	42	1.17	1.54	1245	2,744	100	●	●
	DB	1200	48	1.40	1.83	1377	3,035	100	●	●
	DB	1350	54	1.64	2.14	1473	3,247	100	⊙	⊖
	DB	1500	60	1.88	2.46	1605	3,538	100	⊖	○
	DB	1650	66	2.12	2.77	1737	3,829	100	○	○
	DB	1850	72	2.36	3.09	1834	4,043	100	○	◇
Severe Duty	DB	1200	48	1.40	1.83	1452	3,201	90	●	●
Ditch Cleaning	DB	1800	72	1.96	2.56	1034	2,280	100	⊙	⊖
Clean Up	DB	1800	72	2.48	3.24	1331	2,934	100	○	○
	DB	2000	78	2.74	3.58	1417	3,124	100	○	◇
Maximum load with coupler (payload + bucket)								kg	4582	4272
								lb	10,102	9,419

The above loads are in compliance with hydraulic excavator standard EN474-5:2006 + A3:2013, 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 7451:2007.

Bucket weight with General Duty tips.

### Maximum Material Density:

- 2100 kg/m<sup>3</sup> (3,500 lb/yd<sup>3</sup>)
- ⊙ 1800 kg/m<sup>3</sup> (3,000 lb/yd<sup>3</sup>)
- ⊖ 1500 kg/m<sup>3</sup> (2,500 lb/yd<sup>3</sup>)
- 1200 kg/m<sup>3</sup> (2,000 lb/yd<sup>3</sup>)
- ◇ 900 kg/m<sup>3</sup> (1,500 lb/yd<sup>3</sup>)
- X Not Recommended

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.

# 336 GC Hydraulic Excavator Specifications

## Attachments Offering Guide

Not all Attachments are available in all regions. Consult your Cat dealer for configurations available in your region.

Match

\* Working range front only

No Match

### PIN-ON ATTACHMENTS

Undercarriage		L	
Counterweight		6.8 mt (14,991 lb)	
Boom Type		Reach	
Stick Length		2.8 m (9'2")	3.2 m (10'6")
Hydraulic Hammers	H140 GC	✓	✓
	H140 GC S	✓	✓
	H140 S	✓	✓
	H160 GC	✓	✓
	H160 GC S	✓	✓
	H160 S	✓	✓
	H180 GC	✓	✓*
	H180 GC S	✓	✓
Demolition and Sorting Grapples	G332	✓	✓
	G345	✓	✓
Mobile Scrap and Demolition Shears	S3035	✓	✓

### CAT PIN GRABBER COUPLER ATTACHMENTS

Undercarriage		L	
Counterweight		6.8 mt (14,991 lb)	
Boom Type		Reach	
Stick Length		2.8 m (9'2")	3.2 m (10'6")
Hydraulic Hammers	H140 GC	✓	✓
	H140 GC S	✓	✓
	H140 S	✓	✓
	H160 GC	✓	✓
	H160 GC S	✓	✓
	H160 S	✓	✓
	H180 GC S	✓*	
Demolition and Sorting Grapples	G332	✓	✓
	G345	✓	✓*
Mobile Scrap and Demolition Shears	S3035	✓	✓

# 336 GC Standard and Optional Equipment

## Standard and Optional Equipment

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

	Standard	Optional		Standard	Optional
<b>CAB</b>			<b>ENGINE</b>		
ROPS, standard sound suppression	✓		Two selectable modes: Power, Smart	✓	
High-resolution 203 mm (8") LCD touchscreen monitor	✓		Automatic engine speed control	✓	
Automatic bi-level air conditioner	✓		52° C (126° F) high-ambient cooling capacity	✓	
Jog dial and shortcut keys for monitor control	✓		Hydraulic reverse fan		✓
Keyless push-to-start engine control	✓		-18° C (0° F) cold start capability	✓	
Height-adjustable console, three steps with tool	✓		Double element air filter with integrated precleaner	✓	
Fixed left-side console	✓		Dual stage four micron main filter and 10 micron primary filter with water separator and water separator indicator switch	✓	
Mechanically adjustable seat suspension	✓		Biodiesel capability up to B20	✓	
51 mm (2") orange seat belt	✓		<b>HYDRAULIC SYSTEM</b>		
Bluetooth integrated radio (no USB, aux port or microphone)	✓		Boom and stick regeneration circuit	✓	
12V DC outlets	✓		Electronic main control valve	✓	
Document storage	✓		Automatic hydraulic oil warm up	✓	
Cup and bottle holders	✓		Bio hydraulic oil capability	✓	
Openable two-piece front window	✓		Reverse swing damping valve	✓	
Upper radial wiper with washer	✓		Automatic swing parking brake	✓	
Openable steel hatch	✓		High performance hydraulic return filter	✓	
LED dome light	✓		Two speed travel	✓	
Roller front sunscreen	✓		Fine swing	✓	
Roller rear sunscreen		✓	Straight travel pedal	✓	
Rear window emergency exit	✓		Combined two-way auxiliary circuit		✓
Washable floor mat	✓		Medium-pressure auxiliary circuit		✓
Beacon ready	✓		Quick coupler circuit for Cat Pin Grabber and CW Dedicated		✓

(continued on next page)

# 336 GC Standard and Optional Equipment

## Standard and Optional Equipment *(continued)*

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

	Standard	Optional		Standard	Optional
<b>UNDERCARRIAGE AND STRUCTURES</b>			<b>CAT TECHNOLOGY</b>		
Long undercarriage	✓		Cat Product Link™	✓	
Towing eye on base frame	✓		Auto hammer stop	✓	
Full-length track guiding guards		✓	<b>SERVICE AND MAINTENANCE</b>		
Center track guiding guards		✓	Grouped location of engine oil and fuel filters	✓	
Bottom guard	✓		Scheduled Oil Sampling (S·O·S <sup>SM</sup> ) ports	✓	
Travel motor guard	✓		QuickEvac™ maintenance ready		✓
Grease lubricated track	✓		<b>SAFETY AND SECURITY</b>		
6.8 mt (14,991 lb) counterweight	✓		Caterpillar One Key security system	✓	
600 mm (24") triple grouser track shoes		✓	Lockable external tool/storage box	✓	
700 mm (28") triple grouser track shoes		✓	Lockable door, fuel, and hydraulic tank locks	✓	
800 mm (31") triple grouser track shoes		✓	Lockable fuel drain compartment	✓	
850 mm (33") triple grouser track shoes		✓	Service platform with anti-skid plate and recessed bolts	✓	
<b>BOOM, STICKS AND LINKAGES</b>			RH handrail and hand hold (ISO 2867:2011 compliant)	✓	
6.5 m (21'4") Reach boom	✓		Signaling/warning horn	✓	
2.8 m (9'2") stick		✓	Ground-level secondary engine shutoff switch	✓	
3.2 m (10'6") stick		✓	Boom lowering check valve	✓	
Bucket linkage, DB family with lifting eye		✓	Stick lowering check valve	✓	
<b>ELECTRICAL SYSTEM</b>			Rear and right-hand-sideview cameras	✓	
Maintenance-free 1,000 CCA batteries (×2)	✓		Falling object guard system		✓
Centralized electrical disconnect switch	✓				
LED chassis light, LH and RH boom lights, cab lights	✓				

## 336 GC Attachments

### Dealer Installed Kits and Attachments

Attachments may vary. Consult your Cat dealer for details.

<p><b>CAB</b></p> <ul style="list-style-type: none"> <li>• Radial lower wiper</li> <li>• Polycarbonate roof hatch</li> <li>• LH/RH electrical pedal for tool control</li> <li>• Retractable, 76 mm (3 in) wide seat belt</li> </ul>	<p><b>SAFETY AND SECURITY</b></p> <ul style="list-style-type: none"> <li>• Bluetooth receiver kit</li> <li>• Bluetooth key fob</li> </ul>	<p><b>GUARDS</b></p> <ul style="list-style-type: none"> <li>• Swivel guard</li> <li>• Side rubber bumper</li> <li>• Falling object guard system</li> <li>• Mesh guard full front</li> <li>• Mesh guard lower half front</li> <li>• Full protecting vandalism guard</li> </ul>
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For more complete information on Cat products, dealer services, and industry solutions, visit us on the web at [www.cat.com](http://www.cat.com)

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Materials and specifications are subject to change without notice. Featured machines in photos may include additional equipment. See your Cat dealer for available options.

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AEXQ2241-03 (09-2020)  
Replaces AEXQ2241-02  
Build Number: 07C  
(Aus-NZ)

