



# 330 GC

## Hydraulic Excavator

# Technical Specifications

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

### Table of Contents

<b>Specifications</b> .....	<b>2</b>
Engine .....	2
Swing Mechanism .....	2
Weights .....	2
Track .....	2
Drive .....	2
Hydraulic System .....	2
Service Refill Capacities .....	2
Standards .....	2
Sound Performance .....	2
Operating Weights and Ground Pressures .....	3
Major Component Weights .....	3
Dimensions .....	4
Working Ranges and Forces .....	5
HD Reach Boom Lift Capacities – Counterweight: 6700 kg (14,770 lb) ..	6
Bucket Specifications and Compatibility .....	8
Attachments Offering Guide .....	9
<b>Standard and Optional Equipment</b> .....	<b>10</b>
<b>Dealer Installed Kits and Attachments</b> .....	<b>12</b>

# 330 GC Hydraulic Excavator Specifications

## Engine

Engine Model	Cat® C7.1	
Net Power		
ISO 9249	157.8 kW	212 hp
ISO 9249 (DIN)	215 hp (metric)	
Engine Power		
ISO 14396	159 kW	213 hp
ISO 14396 (DIN)	216 hp (metric)	
Bore	105 mm	4 in
Stroke	135 mm	5 in
Displacement	7.01 L	428 in <sup>3</sup>
Biodiesel Capability	Up to B20 <sup>(1)</sup>	

- Meets Brazil MAR-1 and China Nonroad Stage III emission standards, equivalent to U.S. EPA Tier 3 and EU Stage IIIA.
- Recommended for use up to 4500 m (14,760 ft) altitude with engine power derate above 3000 m (9,840 ft).
- Advertised power is tested per the specified standard 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.
- Engine speed at 1,800 rpm.

<sup>(1)</sup>Cat engines are compatible with diesel fuel blended with the following lower-carbon intensity fuels up to:

- ✓ 100% biodiesel FAME (fatty acid methyl ester)\*
- ✓ 100% renewable diesel, HVO (hydrotreated vegetable oil) and GTL (gas-to-liquid) fuels

Refer to guidelines for successful application. Please consult your Cat dealer or “Caterpillar Machine Fluids Recommendations” (SEBU6250) for details.

\*For use of blends higher than 20% biodiesel, consult your Cat dealer.

## Swing Mechanism

Swing Speed	11.5 rpm	
Maximum Swing Torque	105 kN·m	77,370 lb-ft

## Weights

Operating Weight	30 300 kg	66,700 lb
• HD Long undercarriage, HD Reach boom, HD R2.65 (8'8") stick, HD 1.60 m <sup>3</sup> (2.09 yd <sup>3</sup> ) bucket, 600 mm (24") triple grouser shoes and 6700 kg (14,770 lb) counterweight.		
Operating Weight	31 300 kg	69,000 lb
• HD Long undercarriage, HD Reach boom, HD R2.65 (8'8") stick, HD 1.80 m <sup>3</sup> (2.36 yd <sup>3</sup> ) bucket, 800 mm (31") triple grouser shoes and 6700 kg (14,770 lb) counterweight.		

## Track

Optional Track Shoes Width	600 mm	24 in
Optional Track Shoes Width	800 mm	31 in
Number of Shoes (each side)	50	
Number of Track Rollers (each side)	9	
Number of Carrier Rollers (each side)	2	

## Drive

Gradeability	35°/70%	
Maximum Travel Speed	5.3 km/h	3.3 mph
Maximum Drawbar Pull	248 kN	55,753 lbf

## Hydraulic System

Main System – Maximum Flow – Implement	560 L/min (280 × 2 pumps)	148 gal/min (74 × 2 pumps)
Maximum Pressure – Equipment	35 000 kPa	5,075 psi
Maximum Pressure – Travel	35 000 kPa	5,075 psi
Maximum Pressure – Swing	28 400 kPa	4,120 psi
Boom Cylinder – Bore	140 mm	6 in
Boom Cylinder – Stroke	1407 mm	55 in
Stick Cylinder – Bore	150 mm	6 in
Stick Cylinder – Stroke	1646 mm	65 in
Bucket Cylinder – Bore	135 mm	5 in
Bucket Cylinder – Stroke	1156 mm	46 in

## Service Refill Capacities

Fuel Tank Capacity	474 L	125.2 gal
Cooling System	25 L	6.6 gal
Engine Oil	25 L	6.6 gal
Swing Drive	10 L	2.6 gal
Final Drive (each)	5.5 L	1.5 gal
Hydraulic System (including tank)	310 L	81.9 gal
Hydraulic Tank	147 L	38.8 gal

## Standards

Brakes	ISO 10265:2008
Rollover Protective Structure (ROPS)	ISO 12117-2:2008
Falling Object Guard System (FOGS) (optional)	ISO 10262:1998 Level II

## Sound Performance

ISO 6395:2008 (external)	103 dB(A)
ISO 6396:2008 (inside cab)	70 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.

# 330 GC Hydraulic Excavator Specifications

## Operating Weights and Ground Pressures

	600 mm (24") Triple Grouser Shoes		600 mm (24") HD Triple Grouser Shoes		800 mm (31") Triple Grouser Shoes	
	Weight	Ground Pressure	Weight	Ground Pressure	Weight	Ground Pressure
	kg (lb)	kPa (psi)	kg (lb)	kPa (psi)	kg (lb)	kPa (psi)
<b>Base Machine with 6700 kg (14,770 lb) Counterweight and HD Long Undercarriage</b>						
HD Reach Boom + HD R2.65CB2 (8'8") Stick + 1.60 m <sup>3</sup> (2.09 yd <sup>3</sup> ) HD Bucket	30 300 (66,700)	58 (8.4)	30 500 (67,200)	58 (8.4)	31 200 (68,800)	45 (6.5)
HD Reach Boom + HD R2.65CB2 (8'8") Stick + 1.80 m <sup>3</sup> (2.36 yd <sup>3</sup> ) HD Bucket	30 300 (66,700)	58 (8.4)	30 500 (67,200)	58 (8.4)	31 300 (69,000)	45 (6.5)

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

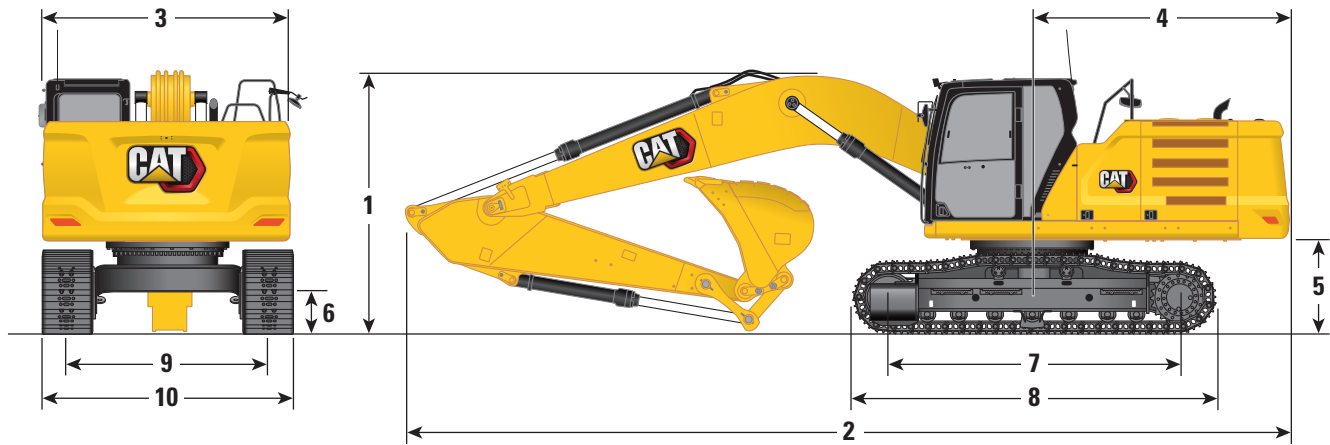
## Major Component Weights

	kg	lb
Base machine (with 6700 kg [14,770 lb] counterweight, upper frame, HD long undercarriage, and two boom cylinders – does not include weight of 90% fuel tank and 75 kg [165 lb] operator).	21 000	46,300
Track Shoes:		
600 mm (24") Width, 11 mm (0.43") Thick, Triple Grouser Track Shoes	3620	7,980
600 mm (24") Width, 13 mm (0.51") Thick, HD Triple Grouser Track Shoes	3830	8,400
800 mm (31") Width, 13 mm (0.51") Thick, Triple Grouser Track Shoes with Step Extension	4590	10,100
Two Boom Cylinders	490	1,080
Weight of 90% Fuel Tank and 75 kg (165 lb) Operator	460	1,010
Counterweight:		
6700 kg (14,770 lb) Counterweight	6700	14,770
Boom (including lines, pins, stick cylinder):		
HD Reach Boom 6.15 m (20'2")	2420	5,330
Stick (including lines, pins, bucket cylinder, bucket linkage):		
HD Reach Stick R2.65CB2 (8'8")	1460	3,220
Buckets (without linkage, with tips and side cutters):		
1.60 m <sup>3</sup> (2.09 yd <sup>3</sup> ) HD, CB Linkage	1290	2,800
1.80 m <sup>3</sup> (2.36 yd <sup>3</sup> ) HD, CB2 Linkage	1320	2,910
Quick Couplers:		
Pin Grabber QC CB with Pins	530	1,170
Pin Grabber QC CB without Pins	500	1,100
Dedicated QC	430	950

# 330 GC Hydraulic Excavator Specifications

## Dimensions

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



### Boom Option

HD Reach Boom  
6.15 m (20'2")

### Stick Option

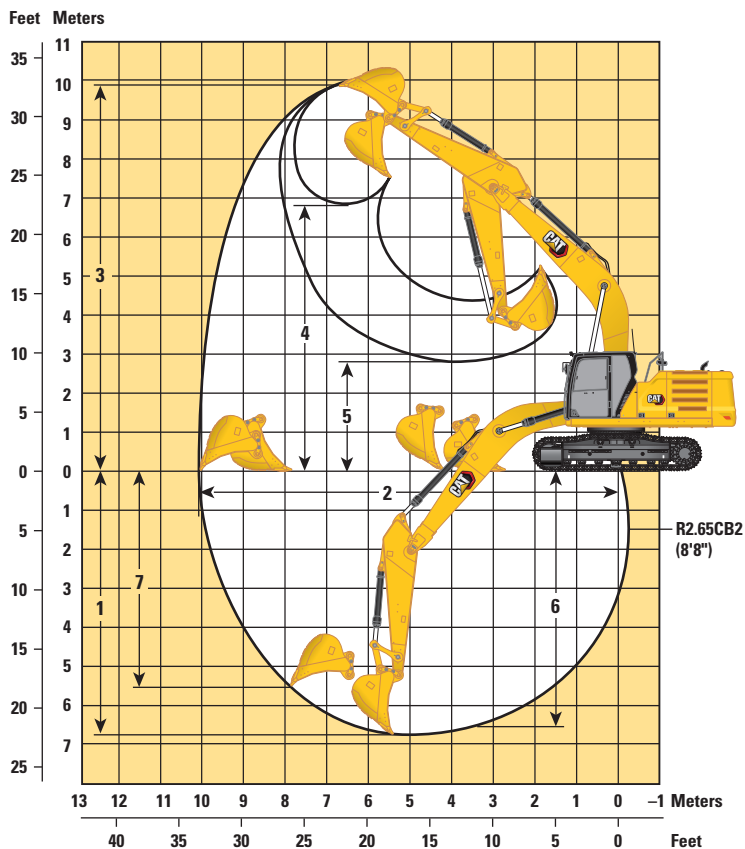
HD Reach Stick  
R2.65CB2 (8'8")

<b>1 Machine Height:</b>		
Cab Height	3050 mm	10'0"
FOGS Height	3190 mm	10'6"
Handrail Height	3050 mm	10'0"
With Boom/Stick/Bucket Installed	3450 mm	11'4"
With Boom/Stick Installed	3380 mm	11'1"
With Boom Installed	3050 mm	10'0"
<b>2 Machine Length:</b>		
With Boom/Stick/Bucket Installed	10 420 mm	34'2"
With Boom/Stick Installed	10 420 mm	34'2"
With Boom Installed	9230 mm	30'3"
<b>3 Upperframe Width</b>	2940 mm	9'8"
<b>4 Tail Swing Radius</b>	3130 mm	10'3"
<b>5 Counterweight Clearance</b>	1110 mm	3'8"
<b>6 Ground Clearance</b>	490 mm	1'7"
<b>7 Length to Center of Rollers</b>	3990 mm	13'1"
<b>8 Track Length</b>	4850 mm	15'11"
<b>9 Track Gauge</b>	2590 mm	8'6"
<b>Track Width:</b>		
600 mm (24") Shoes	600 mm	24"
700 mm (28") Shoes	700 mm	28"
<b>10 Undercarriage Width:</b>		
600 mm (24") Shoes	3190 mm	10'6"
800 mm (31") Shoes	3390 mm	11'1"
Bucket Type		HD
Bucket Capacity	1.80 m <sup>3</sup>	2.36 yd <sup>3</sup>
Bucket Tip Radius	1662 mm	5'5"

# 330 GC Hydraulic Excavator Specifications

## Working Ranges and Forces

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



### Boom Option

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

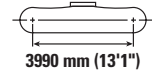
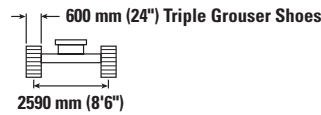
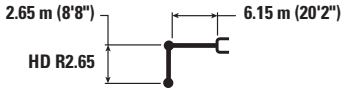
### Stick Options












**HD Reach Stick**  
R2.65CB2 (8'8")

<b>1</b> Maximum Digging Depth	6710 mm	22'0"
<b>2</b> Maximum Reach at Ground Line	10 210 mm	33'6"
<b>3</b> Maximum Cutting Height	9880 mm	32'5"
<b>4</b> Maximum Loading Height	6790 mm	22'3"
<b>5</b> Minimum Loading Height	2830 mm	9'3"
<b>6</b> Maximum Depth Cut for 2440 mm (8 ft) Level Bottom	6530 mm	21'5"
<b>7</b> Maximum Vertical Wall Digging Depth	5510 mm	18'1"
Bucket Digging Force (ISO)	179 kN	40,240 lbf
Stick Digging Force (ISO)	145 kN	32,600 lbf
Bucket Type		HD
Bucket Capacity	1.80 m <sup>3</sup>	2.36 yd <sup>3</sup>
Bucket Tip Radius	1662 mm	5'5"

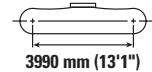
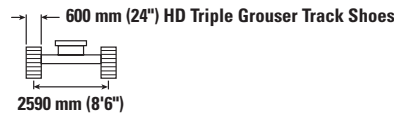
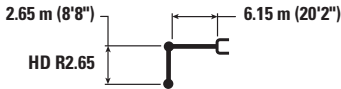
# 330 GC Hydraulic Excavator Specifications

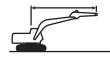










## HD Reach Boom Lift Capacities – Counterweight: 6700 kg (14,770 lb) – without Bucket



		3000 mm/10'0"		4500 mm/15'0"		6000 mm/20'0"		7500 mm/25'0"				mm ft/in
												
7500 mm 25'0"	kg lb					<b>*17,250</b>	<b>*17,250</b>			<b>*6700</b> <b>*14,800</b>	<b>*6700</b> <b>*14,800</b>	6670 21'6"
6000 mm 20'0"	kg lb					<b>*8050</b> <b>*17,500</b>	<b>*8050</b> <b>*17,500</b>	<b>*7600</b> <b>*14,300</b>	<b>6050</b> <b>12,950</b>	<b>*6300</b> <b>*13,850</b>	<b>5800</b> <b>12,850</b>	7700 25'0"
4500 mm 15'0"	kg lb			<b>*11 050</b> <b>*23,750</b>	<b>*11 050</b> <b>*23,750</b>	<b>*9000</b> <b>*19,500</b>	<b>8350</b> <b>17,950</b>	<b>*8050</b> <b>*17,550</b>	<b>5950</b> <b>12,800</b>	<b>*6200</b> <b>*13,650</b>	<b>5050</b> <b>11,100</b>	8340 27'3"
3000 mm 10'0"	kg lb			<b>*13 950</b> <b>*29,950</b>	<b>12 050</b> <b>25,950</b>	<b>*10 300</b> <b>*22,300</b>	<b>7950</b> <b>17,150</b>	<b>*8650</b> <b>*18,800</b>	<b>5800</b> <b>12,450</b>	<b>*6350</b> <b>*13,950</b>	<b>4650</b> <b>10,250</b>	8660 28'4"
1500 mm 5'0"	kg lb			<b>*15 550</b> <b>*34,600</b>	<b>11 400</b> <b>24,600</b>	<b>*11 500</b> <b>*24,850</b>	<b>7650</b> <b>16,450</b>	<b>8700</b> <b>18,700</b>	<b>5600</b> <b>12,100</b>	<b>*6750</b> <b>*14,800</b>	<b>4550</b> <b>10,000</b>	8720 28'7"
0 mm 0'0"	kg lb			<b>*16 500</b> <b>*36,050</b>	<b>11 200</b> <b>24,050</b>	<b>11 950</b> <b>25,700</b>	<b>7450</b> <b>16,000</b>	<b>8600</b> <b>18,450</b>	<b>5500</b> <b>11,850</b>	<b>7150</b> <b>15,750</b>	<b>4650</b> <b>10,200</b>	8510 27'11"
-1500 mm -5'0"	kg lb	<b>*9700</b> <b>*22,150</b>	<b>*9700</b> <b>*22,150</b>	<b>*16 150</b> <b>*35,050</b>	<b>11 150</b> <b>24,000</b>	<b>11 900</b> <b>25,550</b>	<b>7350</b> <b>15,900</b>	<b>8550</b> <b>18,400</b>	<b>5450</b> <b>11,800</b>	<b>7800</b> <b>17,200</b>	<b>5050</b> <b>11,100</b>	8020 26'3"
-3000 mm -10'0"	kg lb	<b>*18 250</b> <b>*41,600</b>	<b>*18 250</b> <b>*41,600</b>	<b>*14 750</b> <b>*31,900</b>	<b>11 300</b> <b>24,250</b>	<b>*11 150</b> <b>*24,050</b>	<b>7450</b> <b>16,050</b>			<b>*8750</b> <b>*19,300</b>	<b>5900</b> <b>13,050</b>	7180 23'5"
-4500 mm -15'0"	kg lb	<b>*15 500</b>	<b>*15 500</b>	<b>*11 750</b> <b>*25,000</b>	<b>11 600</b> <b>24,950</b>					<b>*8500</b> <b>*18,700</b>	<b>8050</b> <b>18,050</b>	5830 18'10"

## HD Reach Boom Lift Capacities – Counterweight: 6700 kg (14,770 lb) – without Bucket



		3000 mm/10'0"		4500 mm/15'0"		6000 mm/20'0"		7500 mm/25'0"				mm ft/in
												
7500 mm 25'0"	kg lb					<b>*17,250</b>	<b>*17,250</b>			<b>*6700</b> <b>*14,800</b>	<b>*6700</b> <b>*14,800</b>	6670 21'6"
6000 mm 20'0"	kg lb					<b>*8050</b> <b>*17,500</b>	<b>*8050</b> <b>*17,500</b>	<b>*7600</b> <b>*14,300</b>	<b>6050</b> <b>13,000</b>	<b>*6300</b> <b>*13,850</b>	<b>5800</b> <b>12,950</b>	7700 25'0"
4500 mm 15'0"	kg lb			<b>*11 050</b> <b>*23,750</b>	<b>*11 050</b> <b>*23,750</b>	<b>*9000</b> <b>*19,500</b>	<b>8350</b> <b>18,050</b>	<b>*8050</b> <b>*17,550</b>	<b>6000</b> <b>12,850</b>	<b>*6200</b> <b>*13,650</b>	<b>5050</b> <b>11,200</b>	8340 27'3"
3000 mm 10'0"	kg lb			<b>*13 950</b> <b>*29,950</b>	<b>12 100</b> <b>26,050</b>	<b>*10 300</b> <b>*22,300</b>	<b>8000</b> <b>17,250</b>	<b>*8650</b> <b>*18,800</b>	<b>5800</b> <b>12,500</b>	<b>*6350</b> <b>*13,950</b>	<b>4700</b> <b>10,350</b>	8660 28'4"
1500 mm 5'0"	kg lb			<b>*15 550</b> <b>*34,600</b>	<b>11 450</b> <b>24,700</b>	<b>*11 500</b> <b>*24,850</b>	<b>7700</b> <b>16,550</b>	<b>8800</b> <b>18,900</b>	<b>5650</b> <b>12,150</b>	<b>*6750</b> <b>*14,800</b>	<b>4550</b> <b>10,050</b>	8720 28'7"
0 mm 0'0"	kg lb			<b>*16 500</b> <b>*36,050</b>	<b>11 250</b> <b>24,200</b>	<b>12 050</b> <b>25,950</b>	<b>7500</b> <b>16,100</b>	<b>8650</b> <b>18,600</b>	<b>5550</b> <b>11,900</b>	<b>7250</b> <b>15,900</b>	<b>4650</b> <b>10,300</b>	8510 27'11"
-1500 mm -5'0"	kg lb	<b>*9700</b> <b>*22,150</b>	<b>*9700</b> <b>*22,150</b>	<b>*16 150</b> <b>*35,050</b>	<b>11 200</b> <b>24,150</b>	<b>12 000</b> <b>25,750</b>	<b>7400</b> <b>15,950</b>	<b>8600</b> <b>18,550</b>	<b>5500</b> <b>11,850</b>	<b>7850</b> <b>17,350</b>	<b>5050</b> <b>11,150</b>	8020 26'3"
-3000 mm -10'0"	kg lb	<b>*18 250</b> <b>*41,600</b>	<b>*18 250</b> <b>*41,600</b>	<b>*14 750</b> <b>*31,900</b>	<b>11 350</b> <b>24,400</b>	<b>*11 150</b> <b>*24,050</b>	<b>7500</b> <b>16,150</b>			<b>*8750</b> <b>*19,300</b>	<b>5950</b> <b>13,150</b>	7180 23'5"
-4500 mm -15'0"	kg lb	<b>*15 500</b>	<b>*15 500</b>	<b>*11 750</b> <b>*25,000</b>	<b>11 650</b> <b>*25,000</b>					<b>*8500</b> <b>*18,700</b>	<b>8100</b> <b>18,150</b>	5830 18'10"



ISO 10567



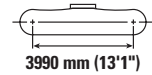
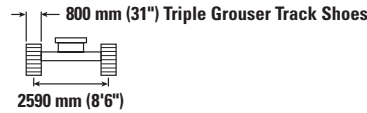
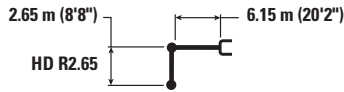
\* Indicates that the load is limited by hydraulic lifting capacity rather than tipping load. The above loads are in compliance with hydraulic excavator lift capacity standard ISO 10567:2007. They do not exceed 87% of hydraulic lifting capacity or 75% of tipping load. Weight of all lifting accessories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

# 330 GC Hydraulic Excavator Specifications

## HD Reach Boom Lift Capacities – Counterweight: 6700 kg (14,770 lb) – without Bucket



		3000 mm/10'0"		4500 mm/15'0"		6000 mm/20'0"		7500 mm/25'0"				mm ft/in
7500 mm 25'0"	kg lb					<b>*17,250</b>	<b>*17,250</b>			<b>*6700</b> <b>*14,800</b>	<b>*6700</b> <b>*14,800</b>	6670 21'6"
6000 mm 20'0"	kg lb					*8050 <b>*17,500</b>	*8050 <b>*17,500</b>	*7600 <b>*14,300</b>	6200 <b>13,300</b>	*6300 <b>*13,850</b>	5950 <b>13,200</b>	7700 25'0"
4500 mm 15'0"	kg lb			*11 050 <b>*23,750</b>	*11 050 <b>*23,750</b>	*9000 <b>*19,500</b>	8550 <b>18,400</b>	*8050 <b>*17,550</b>	6100 <b>13,150</b>	*6200 <b>*13,650</b>	5150 <b>11,450</b>	8340 27'3"
3000 mm 10'0"	kg lb			*13 950 <b>*29,950</b>	12 350 <b>26,600</b>	*10 300 <b>*22,300</b>	8150 <b>17,600</b>	*8650 <b>*18,800</b>	5950 <b>12,800</b>	*6350 <b>*13,950</b>	4800 <b>10,550</b>	8660 28'4"
1500 mm 5'0"	kg lb			*15 550 <b>*34,600</b>	11 750 <b>25,250</b>	*11 500 <b>*24,850</b>	7850 <b>16,900</b>	9000 <b>19,300</b>	5750 <b>12,450</b>	*6750 <b>*14,800</b>	4700 <b>10,300</b>	8720 28'7"
0 mm 0'0"	kg lb			*16 500 <b>*36,050</b>	11 500 <b>24,700</b>	*12 150 <b>*26,300</b>	7650 <b>16,500</b>	8850 <b>19,050</b>	5650 <b>12,200</b>	7400 <b>16,300</b>	4800 <b>10,500</b>	8510 27'11"
-1500 mm -5'0"	kg lb	*9700 <b>*22,150</b>	*9700 <b>*22,150</b>	*16 150 <b>*35,050</b>	11 500 <b>24,650</b>	*12 100 <b>*26,200</b>	7600 <b>16,350</b>	8800 <b>19,000</b>	5650 <b>12,150</b>	8050 <b>17,750</b>	5200 <b>11,400</b>	8020 26'3"
-3000 mm -10'0"	kg lb	*18 250 <b>*41,600</b>	*18 250 <b>*41,600</b>	*14 750 <b>*31,900</b>	11 600 <b>24,950</b>	*11 150 <b>*24,050</b>	7650 <b>16,500</b>			*8750 <b>*19,300</b>	6050 <b>13,450</b>	7180 23'5"
-4500 mm -15'0"	kg lb	*15 500	*15 500	*11 750 <b>*25,000</b>	*11 750 <b>*25,000</b>					*8500 <b>*18,700</b>	8250 <b>18,550</b>	5830 18'10"



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.

# 330 GC Hydraulic Excavator Specifications

## Bucket Specifications and Compatibility

	Linkage	Width		Capacity		Weight		Fill	HD Reach Boom
		mm	in	m <sup>3</sup>	yd <sup>3</sup>	kg	lb	%	HD R2.65 (8'8")
<b>Pin-On (No Quick Coupler)</b>									
Heavy Duty	CB	1450	57	1.60	2.09	1274	2,809	100	●
	CB	1600	63	1.80	2.36	1348	2,973	100	◎
Maximum load with pin-on (payload + bucket)								kg	4813
								lb	10,611
<b>With Pin Grabber Quick Coupler</b>									
Heavy Duty	CB	1450	57	1.60	2.09	1274	2,809	100	◎
	CB	1600	63	1.80	2.36	1348	2,973	100	⊖
Maximum load with coupler (payload + bucket)								kg	4287
								lb	9,451

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>)

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.



# 330 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

### PIN-ON ATTACHMENTS

<b>Boom Type</b>		<b>HD Reach Boom</b>
<b>Stick Length</b>		<b>HD R2.65 (8'8")</b>
Hydraulic Hammers	H120 S	✓
	H130 GC	✓
	H130 GC S	✓
	H130 S	✓
	H140 GC	✓
	H140 GC S	✓
	H140 S	✓
	H160 GC	✓
	H160 GC S	✓
	Compactors (Vibratory Plate)	CVP110

# 330 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>BOOM, STICKS AND LINKAGES</b>			<b>ELECTRICAL SYSTEM</b>		
6.15 m (20'2") HD Reach boom	✓		Maintenance-free 1,000 CCA batteries (×2)	✓	
2.65 m (8'8") HD Reach stick		✓	Programmable time-delay LED working lights	✓	
Bucket Linkage, CB2 type with lifting eye	✓		Centralized electrical disconnect switch	✓	
<b>CAB</b>			LED chassis light, LH boom light	✓	
ROPS	✓		LED cab light, RH boom light		✓
High-resolution 203 mm (8") LCD touchscreen monitor	✓		<b>ENGINE</b>		
Automatic bi-level air conditioner	✓		Cat C7.1 single turbo diesel engine	✓	
Keyless push-to-start engine control	✓		Two selectable modes: Power, Smart	✓	
Height-adjustable	✓		Automatic engine speed control	✓	
Fixed left-side console	✓		Auto engine idle-shutdown	✓	
Mechanical-suspension seat	✓		4500 m (14,760 ft) altitude capability with engine power derate above 3000 m (9,840 ft)	✓	
51 mm (2") seat belt	✓		52° C (125° F) high-ambient cooling capability without derate	✓	
Console mounted radio (with Bluetooth® pairing and USP port)	✓		-18° C (0° F) cold start capability	✓	
24V DC outlet	✓		2 × 115 Amp dual alternator	✓	
Console storage	✓		Sealed double element air filter with integrated precleaner	✓	
Cup and bottle holders	✓		Two-stage fuel filtration with water separator and indicator	✓	
Openable two-piece front window	✓		Electric fuel priming pump	✓	
Rear window emergency exit	✓		Electric cooling fans with auto-reverse function	✓	
Upper radial wiper with washer	✓				
Openable steel hatch	✓				
LED dome light	✓				
Roller front sunscreen	✓				
Roller rear sunscreen		✓			
Washable floor mat	✓				
Beacon ready	✓				
<b>CAT TECHNOLOGY</b>					
Cat Product Link™	✓				
Remote Flash	✓				
Remote Troubleshoot	✓				
Auto hammer stop	✓				

(continued on next page)

## Standard and Optional Equipment *(continued)*

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

	Standard	Optional		Standard	Optional
<b>HYDRAULIC SYSTEM</b>			<b>SERVICE AND MAINTENANCE</b>		
Electronic main control valve	✓		Grouped location of engine oil and fuel filters	✓	
Electric boom regeneration circuit	✓		Ground-level second dipstick for engine oil	✓	
Stick regeneration circuit	✓		Side entry to service platform	✓	
Automatic hydraulic oil warm up	✓		Scheduled Oil Sampling (S·O·S <sup>SM</sup> ) ports	✓	
Automatic two-speed travel	✓		Preventative maintenance ready (QuickEvac <sup>TM</sup> )		✓
Boom and stick drift reduction valve	✓		Radiator screen		✓
Boom lowering check valve	✓		Integrated vehicle health management system		✓
Stick lowering check valve	✓		<b>UNDERCARRIAGE AND STRUCTURES</b>		
High performance hydraulic return filter	✓		HD long undercarriage	✓	
Final drive with bio hydraulic oil capable travel motor	✓		Three-piece segmented track guiding guards	✓	
Fine swing control	✓		Bottom guards	✓	
Hammer return filter circuit		✓	Travel motor guards	✓	
Tool Control (two pump, one/two way high-pressure flow)		✓	Swivel guard		✓
Common Quick Coupler Circuit for Cat Pin Grabber and CW Dedicated		✓	Grease lubricated track	✓	
Electronic Pattern Changer (requires activation)	✓		Tie-down points on base frame	✓	
<b>SAFETY AND SECURITY</b>			6700 kg (14,770 lb) counterweight	✓	
Rearview camera	✓		600 mm (24") triple grouser track shoes		✓
Right-hand-side view camera		✓	600 mm (24") HD triple grouser track shoes		✓
Right-hand-side view mirror		✓	800 mm (31") triple grouser track shoes		✓
Secure start with PIN code	✓				
Caterpillar One Key security system	✓				
Inspection lighting		✓			
Lockable external tool/storage box	✓				
Lockable door, fuel, and hydraulic tank locks	✓				
Lockable fuel drain compartment	✓				
Service platform with anti-skid plate and recessed bolts	✓				
RH handrail and hand hold (ISO 2867:2011 compliant)	✓				
Cab mirror for RH track edge	✓				
Signaling/warning horn	✓				
Ground-level secondary engine shutoff switch in cab	✓				
Hydraulic lock out lever that neutralizes all controls	✓				
Travel alarm		✓			
Swing alarm		✓			

# 330 GC Attachments

## Dealer Installed Kits and Attachments

Attachments may vary. Consult your Cat dealer for details.

### CAB

- RH electrical pedal (two-way) for tool control
- Radial lower wiper for two piece (70/30) windshield, with washer
- Rain protector plus cab light cover
- Polycarbonate roof hatch
- P5A laminated glass front windshield and roof hatch (for EU demolition regulation)

### SAFETY AND SECURITY

- 75 mm (3") retractable seat belt
- Bluetooth receiver

### GUARDS

- Side rubber bumper guard
- Falling object guard system (not compatible with cab light cover, rain protector)
- Mesh guard full front (not compatible with cab light cover, rain protector)
- Full protecting vandalism guard (not compatible with cab light cover, rain protector)
- Vandalism guard

### ELECTRICAL

- Jump start wiring

### SERVICE AND MAINTENANCE

- Grease gun holder

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)

© 2022 Caterpillar  
All rights reserved

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

CAT, CATERPILLAR, LET'S DO THE WORK, their respective logos, "Caterpillar Corporate Yellow," the "Power Edge" and Cat "Modern Hex" trade dress as well as corporate and product identity used herein, are trademarks of Caterpillar and may not be used without permission.

AEXQ3527 (11-2022)  
Build Number: 07E  
(India)

