

330 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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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^3
Biodiesel Capability	Up to B20[(1)]	

- Meets Brazil MAR-1 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.

[(1)]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 (hydrogenated 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.*

***Tailpipe greenhouse gas emissions from lower-carbon intensity fuels are essentially the same as traditional fuels.*

Swing Mechanism

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

Weights

Operating Weight	29 900 kg	65,900 lb

- Long undercarriage, Reach boom, R3.2 m (10'6") stick, Heavy Duty (HD) 1.54 m^3 (2.02 yd^3) bucket, 600 mm (24") triple grouser shoes and 6700 kg (14,770 lb) counterweight.

Track

Standard Track Shoes Width	600 mm	24 in
Optional Track Shoes Width	700 mm	28 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	247 kN	55,528 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
Cab/Rollover Protective Structure (ROPS)	ISO 12117-2:2008
Operator Protective Guards (OPG) (optional)	ISO 10262:1998 Level II

Sound Performance

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

- External Sound – The spectator sound power level is measured according to the test procedures and conditions specified in ISO 6395:2008 for a Caterpillar machine that is properly equipped and maintained. The measurements were conducted at 70% of the maximum engine cooling fan speed.
- Internal Sound – The operator sound pressure level is measured according to the test procedures and conditions specified in ISO 6396:2008 for a cab offered by Caterpillar, when properly installed and maintained and tested with the door and windows closed. The measurements were conducted at 70% of the maximum engine cooling fan speed.
- Hearing protection may be needed when operating with an open operator station and cab (when not properly maintained for doors/windows open) for extended periods or in noisy environment(s).

Operating Weights and Ground Pressures

	600 mm (24") Triple Grouser Shoes		700 mm (28") HD Triple Grouser Shoes	
	Weight	Ground Pressure	Weight	Ground Pressure
	kg (lb)	kPa (psi)	kg (lb)	kPa (psi)
Base Machine with 6700 kg (14,770 lb) Counterweight and Long Undercarriage				
Reach Boom + R3.2CB2 (10'6") Stick + 1.54 m^3 (2.02 yd^3) HD Bucket	29 900 (65,900)	57 (8.2)	30 500 (67,300)	50 (7.2)
Reach Boom + R2.65CB2 (10'6") Stick + 1.54 m^3 (2.02 yd^3) HD Bucket	29 800 (65,700)	57 (8.2)	30 300 (66,800)	49 (7.2)

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

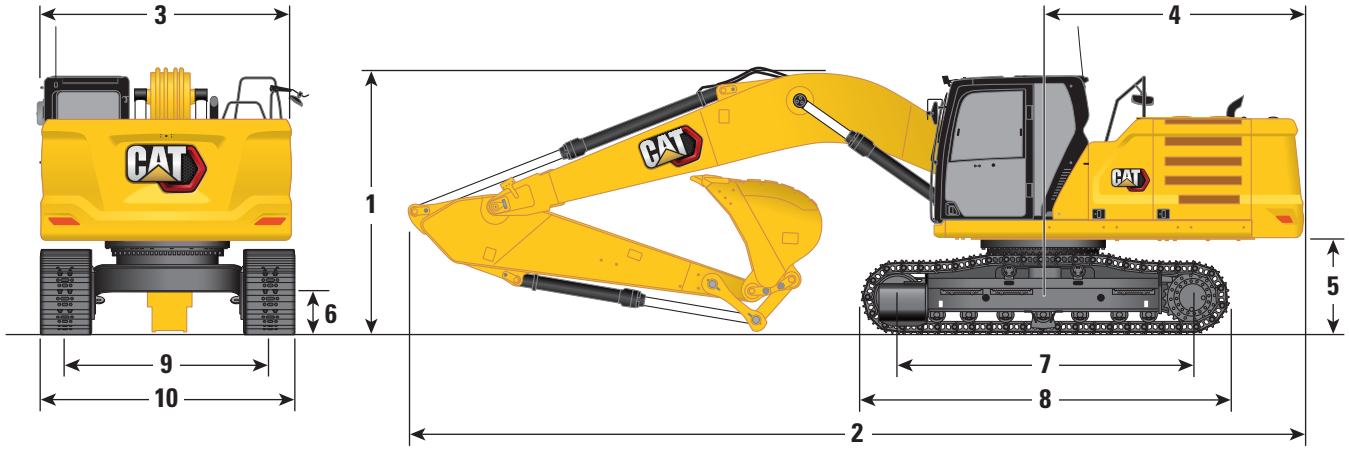
Major Component Weights

	kg	lb
Base machine (with 6700 kg [14,770 lb] counterweight, upper frame, long undercarriage, and two boom cylinders – does not include weight of 90% fuel tank and 75 kg [165 lb] operator).	20 900	46,000
Track Shoes:		
600 mm (24") Width, 11 mm (0.43") Thick, Triple Grouser Track Shoes	3620	7,980
700 mm (28") Width, 13 mm (0.51") Thick, HD Triple Grouser Track Shoes	4200	9,260
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):		
Reach Boom 6.15 m (20'2")	2300	5,070
Sticks (including lines, pins, bucket cylinder, bucket linkage):		
Reach Stick R3.2CB2 (10'6")	1470	3,200
Reach Stick R2.65CB2 (8'8")	1350	2,980
Buckets (without linkage, with tips and side cutters):		
1.54 m^3 (2.02 yd^3) General Duty (GD), CB Linkage	1010	2,200
1.54 m^3 (2.02 yd^3) HD, CB linkage	1130	2,500
1.60 m^3 (2.09 yd^3) HD, CB Linkage	1290	2,800
1.76 m^3 (2.30 yd^3) GD, CB Linkage	1090	2,400
1.76 m^3 (2.30 yd^3) HD, CB Linkage	1440	3,200
Quick Couplers (QC):		
Pin Grabber QC CB with Pins	530	1,170
Pin Grabber QC CB without Pins	500	1,100
Dedicated QC	430	950

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Dimensions

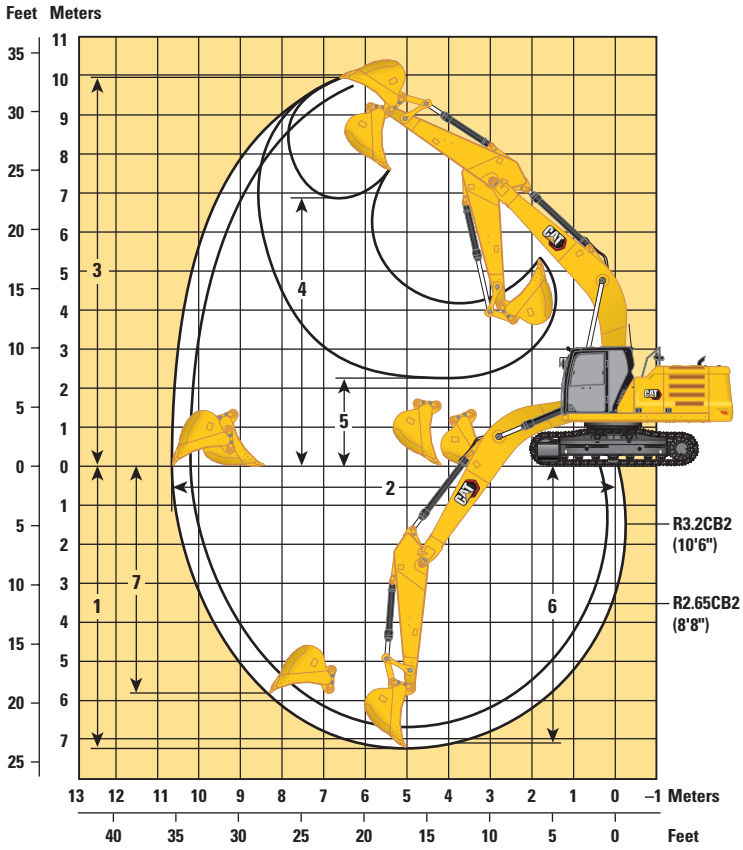
All dimensions are approximate and may vary depending on bucket selection.



Boom Option	Reach Boom 6.15 m (20'2")			
Stick Options	**Reach Stick R3.2CB2 (10'6")**		**Reach Stick R2.65CB2 (8'8")**	
1 Machine Height:				
Cab Height	3050 mm	10'0"	3050 mm	10'0"
OPG Height	3190 mm	10'6"	3190 mm	10'6"
Handrail Height	3050 mm	10'0"	3050 mm	10'0"
With Boom/Stick/Bucket Installed	3400 mm	11'2"	3450 mm	11'4"
With Boom/Stick Installed	3380 mm	11'1"	3380 mm	11'1"
With Boom Installed	3050 mm	10'0"	3050 mm	10'0"
2 Machine Length:				
With Boom/Stick/Bucket Installed	10 420 mm	34'2"	10 420 mm	34'2"
With Boom/Stick Installed	10 420 mm	34'2"	10 420 mm	34'2"
With Boom Installed	9230 mm	30'3"	9230 mm	30'3"
3 Upperframe Width	2940 mm	9'8"	2940 mm	9'8"
4 Tail Swing Radius	3130 mm	10'3"	3130 mm	10'3"
5 Counterweight Clearance	1110 mm	3'8"	1110 mm	3'8"
6 Ground Clearance	490 mm	1'7"	490 mm	1'7"
7 Length to Center of Rollers	3990 mm	13'1"	3990 mm	13'1"
8 Track Length	4850 mm	15'11"	4850 mm	15'11"
9 Track Gauge	2590 mm	8'6"	2590 mm	8'6"
10 Undercarriage Width:				
600 mm (24") Shoes	3190 mm	10'6"	3190 mm	10'6"
700 mm (28") Shoes	3290 mm	10'10"	3290 mm	10'10"
Bucket Type	HD		HD	
Bucket Capacity	1.54 m^3	2.02 yd^3	1.54 m^3	2.02 yd^3
Bucket Tip Radius	1662 mm	5'5"	1662 mm	5'5"

Working Ranges and Forces

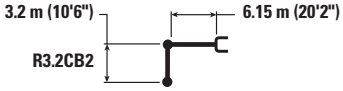
All dimensions are approximate and may vary depending on bucket selection.

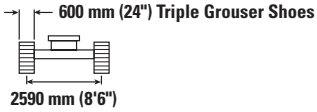


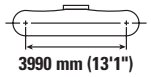
Boom Option			Reach Boom 6.15 m (20'2")	
Stick Options	**Reach Stick R3.2CB2 (10'6")**		**Reach Stick R2.65CB2 (8'8")**	
1 Maximum Digging Depth	7260 mm	23'10"	6710 mm	22'0"
2 Maximum Reach at Ground Line	10 690 mm	35'1"	10 210 mm	33'6"
3 Maximum Cutting Height	10 020 mm	32'10"	9910 mm	32'6"
4 Maximum Loading Height	6930 mm	22'9"	6790 mm	22'3"
5 Minimum Loading Height	2280 mm	7'6"	2830 mm	9'3"
6 Maximum Depth Cut for 2440 mm (8 ft) Level Bottom	7100 mm	23'4"	6530 mm	21'5"
7 Maximum Vertical Wall Digging Depth	6030 mm	19'9"	5720 mm	18'9"
Bucket Digging Force (ISO)	179 kN	40,240 lbf	179 kN	40,240 lbf
Stick Digging Force (ISO)	126 kN	28,330 lbf	145 kN	32,600 lbf
Bucket Type	HD		HD	
Bucket Capacity	1.54 m^3	2.02 yd^3	1.54 m^3	2.02 yd^3
Bucket Tip Radius	1662 mm	5'5"	1662 mm	5'5"

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

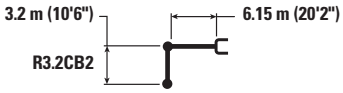


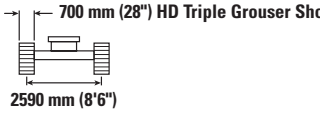


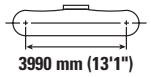


		1500 mm/60 in		3000 mm/120 in		4500 mm/180 in		6000 mm/240 in		7500 mm/300 in		9000 mm/360 in				
																mm in
7500 mm 300 in	kg lb													*5150 *11,350	*5150 *11,350	7270 290
6000 mm 240 in	kg lb									*7200 *15,300	6200 13,300			*4900 *10,750	*4900 *10,750	8230 330
4500 mm 180 in	kg lb							*8400 *18,250	*8400 *18,250	*7600 *16,600	6050 13,050			*4850 *10,650	4700 10,400	8830 350
3000 mm 120 in	kg lb					*12 950 *27,850	12 350 26,650	*9800 *21,250	8100 17,500	*8300 *18,050	5900 12,650	*5950	4500	*5000 *10,950	4400 9,650	9140 360
1500 mm 60 in	kg lb					*15 450 *33,350	11 650 25,150	*11 150 *24,150	7800 16,750	8800 18,950	5700 12,300	6750 *12,550	4400 9,450	*5300 *11,650	4300 9,400	9190 370
0 mm 0 in	kg lb					*16 600 *35,950	11 300 24,350	*12 050 26,000	7550 16,250	8650 18,650	5550 12,000			*5850 *12,800	4350 9,550	8990 360
–1500 mm –60 in	kg lb	*6350 *14,200	*6350 *14,200	*10 000 *22,700	*10 000 *22,700	*16 600 *35,950	11 250 24,150	12 000 25,750	7450 16,000	8600 18,500	5500 11,850			*6750 *14,850	4650 10,250	8530 340
–3000 mm –120 in	kg lb	*11 450 *25,650	*11 450 *25,650	*16 150 *36,750	*16 150 *36,750	*15 600 *33,700	11 300 24,300	*11 700 *25,300	7450 16,050	8650 18,600	5550 11,950			8300 18,350	5350 11,800	7740 310
–4500 mm –180 in	kg lb			*18 050 *38,850	*18 050 *38,850	*13 250 *28,450	11 500 24,800	*9800 *20,750	7600 16,450					*8600 *18,900	6850 15,300	6520 260

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







		1500 mm/60 in		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													*5150 *11,350	*5150 *11,350	7270 290
6000 mm 240 in	kg lb									*7200 *15,300	6300 13,500			*4900 *10,750	*4900 *10,750	8230 330
4500 mm 180 in	kg lb							*8400 *18,250	*8400 *18,250	*7600 *16,600	6150 13,250			*4850 *10,650	4800 10,550	8830 350
3000 mm 120 in	kg lb					*12 950 *27,850	12 550 27,050	*9800 *21,250	8250 17,800	*8300 *18,050	6000 12,900	*5950	4550	*5000 *10,950	4450 9,800	9140 360
1500 mm 60 in	kg lb					*15 450 *33,350	11 850 25,550	*11 150 *24,150	7900 17,050	8950 19,300	5800 12,500	*6800 *12,550	4500 9,650	*5300 *11,650	4350 9,550	9190 370
0 mm 0 in	kg lb					*16 600 *35,950	11 500 24,800	*12 050 *26,050	7650 16,500	8800 18,950	5650 12,200			*5850 *12,800	4450 9,750	8990 360
–1500 mm –60 in	kg lb	*6350 *14,200	*6350 *14,200	*10 000 *22,700	*10 000 *22,700	*16 600 *35,950	11 400 24,550	12 200 26,200	7550 16,300	8750 18,800	5600 12,050			*6750 *14,850	4750 10,450	8530 340
–3000 mm –120 in	kg lb	*11 450 *25,650	*11 450 *25,650	*16 150 *36,750	*16 150 *36,750	*15 600 *33,700	11 500 24,700	*11 700 *25,300	7600 16,300	8800 18,950	5650 12,150			8400 18,650	5400 12,000	7740 310
–4500 mm –180 in	kg lb			*18 050 *38,850	*18 050 *38,850	*13 250 *28,450	11 700 25,200	*9800 *20,750	7750 16,750					*8600 *18,900	6950 15,550	6520 260

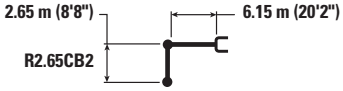
* ISO 10567:2007

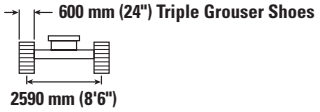
* Indicates that the load is limited by hydraulic lifting capacity rather than tipping load. The above loads are in compliance with hydraulic excavator lift capacity standard ISO 10567:2007. They do not exceed 87% of hydraulic lifting capacity or 75% of tipping load. Weight of all lifting accessories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

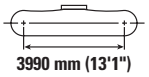
Lift capacity stays with ±5% for all available track shoes.

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

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

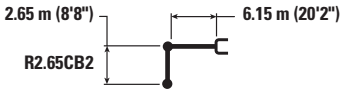


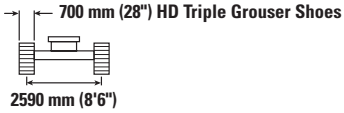


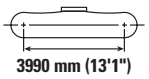


		3000 mm/120 in		4500 mm/180 in		6000 mm/240 in		7500 mm/300 in				
												mm in
7500 mm 300 in	kg lb					*17,450 *17,450				*6700 *14,900	*6700 *14,900	6670 260
6000 mm 240 in	kg lb					*8150 *17,750	*8150 *17,750	*7650 *14,350	6100 13,100	*6300 *13,950	5850 13,000	7700 300
4500 mm 180 in	kg lb			*11 200 *24,000	*11 200 *24,000	*9100 *19,750	8400 18,100	*8150 *17,800	6050 12,950	*6250 *13,750	5100 11,300	8340 330
3000 mm 120 in	kg lb			*14 100 *30,300	12 150 26,200	*10 450 *22,600	8050 17,350	*8750 *19,050	5850 12,650	*6400 *14,050	4750 10,450	8660 340
1500 mm 60 in	kg lb			*15 600 *35,000	11 550 24,900	*11 650 *25,150	7750 16,700	8800 18,950	5700 12,300	*6800 *14,900	4650 10,200	8720 350
0 mm 0 in	kg lb			*16 550 *36,450	11 350 24,400	12 100 26,050	7550 16,300	8700 18,700	5600 12,050	7250 16,000	4750 10,400	8510 340
–1500 mm –60 in	kg lb	*9750 *22,250	*9750 *22,250	*16 350 *35,500	11 350 24,350	12 050 25,900	7500 16,150	8650 18,650	5550 12,000	7900 17,450	5150 11,300	8020 320
–3000 mm –120 in	kg lb	*18 300 *41,700	*18 300 *41,700	*14 950 *32,300	11 450 24,600	*11 350 *24,400	7550 16,300			*8900 *19,600	6000 13,300	7180 290
–4500 mm –180 in	kg lb	*15 700	*15 700	*11 900 *25,400	11 750 25,250					*8650 *19,000	8150 18,300	5830 230

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







		3000 mm/120 in		4500 mm/180 in		6000 mm/240 in		7500 mm/300 in				
												mm in
7500 mm 300 in	kg lb					*17,450 *17,450				*6700 *14,900	*6700 *14,900	6670 260
6000 mm 240 in	kg lb					*8150 *17,750	*8150 *17,750	*7650 *14,350	6200 13,300	*6300 *13,950	5950 13,250	7700 300
4500 mm 180 in	kg lb			*11 200 *24,000	*11 200 *24,000	*9100 *19,750	8550 18,400	*8150 *17,800	6100 13,150	*6250 *13,750	5200 11,500	8340 330
3000 mm 120 in	kg lb			*14 100 *30,300	12 350 26,600	*10 450 *22,600	8200 17,650	*8750 *19,050	5950 12,850	*6400 *14,050	4850 10,650	8660 340
1500 mm 60 in	kg lb			*15 600 *35,000	11 750 25,350	*11 650 *25,150	7900 17,000	8950 19,300	5800 12,500	*6800 *14,900	4700 10,350	8720 350
0 mm 0 in	kg lb			*16 550 *36,450	11 550 24,850	*12 300 26,500	7700 16,550	8850 19,050	5700 12,250	7400 16,300	4800 10,600	8510 340
–1500 mm –60 in	kg lb	*9750 *22,250	*9750 *22,250	*16 350 *35,500	11 500 24,800	12 250 26,350	7650 16,450	8800 19,000	5650 12,200	8050 17,750	5200 11,500	8020 320
–3000 mm –120 in	kg lb	*18 300 *41,700	*18 300 *41,700	*14 950 *32,300	11 650 25,050	*11 350 *24,400	7700 16,600			*8900 *19,600	6100 13,500	7180 290
–4500 mm –180 in	kg lb	*15 700	*15 700	*11 900 *25,400	*11 900 *25,400					*8650 *19,000	8250 18,600	5830 230

* ISO 10567:2007

* 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	Reach Boom	Reach Boom
		mm	in	m^3	yd^3	kg	lb	%	R3.2 (10'6")	R2.65 (8'8")
Pin-On (No Quick Coupler)										
General Duty	CB	600	24	0.52	0.68	659	1,454	100	●	●
	CB	750	30	0.71	0.93	726	1,601	100	●	●
	CB	1000	40	1.03	1.35	835	1,841	100	●	●
	CB	1350	54	1.54	2.02	1005	2,216	100	●	●
	CB	1500	60	1.76	2.30	1069	2,357	100	◉	●
	CB	1600	63	1.86	2.43	1099	2,423	100	X	X
Heavy Duty	CB	1200	48	1.33	1.74	1096	2,417	100	●	●
	CB	1350	54	1.54	2.02	1196	2,637	100	●	●
	CB	1450	57	1.60	2.09	1274	2,809	100	●	●
	CB	1600	63	1.80	2.36	1348	2,973	100	X	X
	CB	1500	60	1.76	2.30	1391	3,067	100	◉	●
Maximum load with pin-on (payload + bucket)								kg	4490	4915
								lb	9,899	10,836
With Pin Grabber Quick Coupler										
General Duty	CB	600	24	0.52	0.68	659	1,454	100	●	●
	CB	750	30	0.71	0.93	726	1,601	100	●	●
	CB	1000	40	1.03	1.35	835	1,841	100	●	●
	CB	1350	54	1.54	2.02	1005	2,216	100	◉	●
	CB	1500	60	1.76	2.30	1069	2,357	100	⊖	◉
	CB	1600	63	1.86	2.43	1099	2,423	100	⊖	◉
Heavy Duty	CB	1200	48	1.33	1.74	1096	2,417	100	●	●
	CB	1350	54	1.54	2.02	1196	2,637	100	◉	●
	CB	1450	57	1.60	2.09	1274	2,809	100	⊖	◉
	CB	1600	63	1.80	2.36	1348	2,973	100	⊖	⊖
	CB	1500	60	1.76	2.30	1391	3,067	100	⊖	⊖
Maximum load with coupler (payload + bucket)								kg	3964	4389
								lb	8,739	9,676

The above loads are in compliance with hydraulic excavator standard EN474-5:2022/AC:2022, 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^3 (3,500 lb/yd^3)
- ◉ 1800 kg/m^3 (3,000 lb/yd^3)
- ⊖ 1500 kg/m^3 (2,500 lb/yd^3)
- 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.

Attachments Offering Guide

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

✓ Match

† Allowed usage on machine less than 50%

PIN-ON ATTACHMENTS

Boom Type		Reach Boom	Reach Boom
Stick Length		**R3.2 (10'6")**	**R2.65 (8'8")**
Hydraulic Hammers	H120 S	✓	✓
	H130 GC	✓	✓
	H130 GC S	✓	✓
	H130 S	✓	✓
	H140 GC	✓	✓
	H140 GC S	✓	✓
	H140 S	✓	✓
	H160 GC	✓	✓
	H160 GC S	✓	✓
	H160 S	✓	✓
Demolition and Sorting Grapples	G324	✓	✓
	G332	✓	✓
Pulverizers	P224 Secondary Pulverizer	✓	✓
Compactors (Vibratory Plate)	CVP110	✓	✓
Rotary Cutters	RC20	✓	✓
	RC30	✓	✓

CAT PIN GRABBER COUPLER ATTACHMENTS

Boom Type		Reach Boom	Reach Boom
Stick Length		**R3.2 (10'6")**	**R2.65 (8'8")**
Hydraulic Hammers	H120 S	✓	✓
	H130 GC	✓	✓
	H130 GC S	✓	✓
	H130 S	✓	✓
	H140 GC	✓	✓
	H140 GC S	✓	✓
	H140 S	✓	✓
	H160 GC	✓	✓
	H160 GC S	✓	✓
	H160 S	✓	✓†
Demolition and Sorting Grapples	G324	✓†	✓
	G332	✓†	✓
Compactors (Vibratory Plate)	CVP110	✓	✓
Rotary Cutters	RC20	✓	✓
	RC30	✓	✓

330 GC Standard and Optional Equipment

Standard and Optional Equipment

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

	Standard	Optional
CAB		
ROPS	✓	
OPG		✓
High-resolution 203 mm (8") LCD touchscreen monitor	✓	
Automatic bi-level air conditioner	✓	
Keyless push-to-start engine control	✓	
Height-adjustable	✓	
Fixed left-side console	✓	
Air-suspension seat	✓	
51 mm (2") seat belt	✓	
Console mounted radio (with Bluetooth® pairing and USP port)	✓	
24V DC outlet	✓	
Console storage	✓	
Cup and bottle holders	✓	
Openable two-piece front window	✓	
Rear window emergency exit	✓	
Upper radial wiper with washer	✓	
Openable steel hatch	✓	
LED dome light	✓	
Roller front sunscreen	✓	
Roller rear sunscreen		✓
Washable floor mat	✓	
Beacon ready	✓	
Cat Stick Steer		✓
CAT TECHNOLOGY		
Cat Equipment Management:		
VisionLink™	✓[1]	
Remote Flash	✓	

[1]Provides core telematics data to manage health, maintenance insights, and condition monitoring. Other plans available for more comprehensive data reporting. Consult your Cat dealer for details.

	Standard	Optional
ENGINE		
Cat C7.1 single turbo diesel engine	✓	
Two selectable modes: Power, Smart	✓	
Automatic engine speed control	✓	
Auto engine idle-shutdown	✓	
4500 m (14,760 ft) altitude capability with engine power derate above 3000 m (9,840 ft)	✓	
52° C (125° F) high-ambient cooling capability without derate	✓	
–18° C (0° F) cold start capability	✓	
2 × 115 Amp dual alternator	✓	
Sealed double element air filter with integrated pre-cleaner	✓	
Two-stage fuel filtration with water separator and indicator	✓	
Electric fuel priming pump	✓	
Electric cooling fans with auto-reverse function	✓	
HYDRAULIC SYSTEM		
Electronic main control valve	✓	
Electric boom regeneration circuit	✓	
Stick regeneration circuit	✓	
Automatic hydraulic oil warm up	✓	
Automatic two-speed travel	✓	
Boom and stick drift reduction valve	✓	
Boom lowering check valve	✓	
Stick lowering check valve	✓	
High performance hydraulic return filter	✓	
Final drive with bio hydraulic oil capable travel motor	✓	
Fine swing control	✓	
Hammer return filter circuit		✓
Tool Control (two pump, one/two way high-pressure flow)		✓
Common Quick Coupler Circuit for Cat Pin Grabber and CW Dedicated		✓
Electronic Pattern Changer (requires activation)	✓	

(continued on next page)

Standard and Optional Equipment *(continued)*

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

	Standard	Optional
BOOM, STICKS AND LINKAGES		
6.15 m (20'2") Reach boom	✓	
3.2 m (10'6") Reach stick		✓
2.65 m (8'8") Reach stick		✓
Bucket Linkage, CB2 type with lifting eye	✓	
UNDERCARRIAGE AND STRUCTURES		
Three-piece segmented track guiding guards	✓	
Bottom guards	✓	
Travel motor guards	✓	
Swivel guard		✓
Grease lubricated track	✓	
Base frame with HD rollers	✓	
Tie-down points on base frame	✓	
6700 kg (14,770 lb) counterweight	✓	
600 mm (24") triple grouser track shoes		✓
700 mm (28") HD triple grouser track shoes		✓
ELECTRICAL SYSTEM		
Maintenance-free 1,000 CCA batteries (×2)	✓	
Programmable time-delay LED working lights	✓	
Centralized electrical disconnect switch	✓	
LED chassis light, Left Hand (LH) boom light	✓	
LED cab light, Right Hand (RH) boom light		✓

	Standard	Optional
SERVICE AND MAINTENANCE		
Grouped location of engine oil and fuel filters	✓	
Ground-level second dipstick for engine oil	✓	
Side entry to service platform	✓	
Scheduled Oil Sampling (S·O·S℠) ports	✓	
Preventative maintenance ready (QuickEvac™)		✓
Radiator screen		✓
Integrated vehicle health management system	✓	
SAFETY AND SECURITY		
Auto hammer stop	✓	
Rearview camera	✓	
Right-hand-sideview camera	✓	
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	✓	
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	✓	
Lockable disconnect switch	✓	
Travel alarm		✓
Swing alarm		✓

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
- Operator Protective Guards (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

330 GC Environmental Declaration

The following information applies to the machine at the time of final manufacture as configured for sale in the regions covered in this document. The content of this declaration is valid as of the date issued; however, content related to machine features and specifications are subject to change without notice. For additional information, please see the machine's Operation and Maintenance Manual.

For more information on sustainability in action and our progress, please visit https://www.caterpillar.com/en/company/sustainability.

Engine

- The Cat® C7.1 meets Brazil MAR-1 emission standards, equivalent to U.S. EPA Tier 3 and EU Stage IIIA.
- 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 (hydrogenated 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.

**Engines with no aftertreatment devices can use higher blends, up to 100% biodiesel (for use of blends higher than 20% biodiesel, consult your Cat dealer).*

***Tailpipe greenhouse gas emissions from lower-carbon intensity fuels are essentially the same as traditional fuels.*

Air Conditioning System

- The air conditioning system on this machine contains the fluorinated greenhouse gas refrigerant R134a (Global Warming Potential = 1430). The system contains 0.85 kg (1.9 lb) of refrigerant which has a CO_2 equivalent of 1.216 metric tonnes (1.340 tons).

Paint

- Based on best available knowledge, the maximum allowable concentration, measured in parts per million (PPM), of the following heavy metals in paint are:
  - Barium < 0.01%
  - Cadmium < 0.01%
  - Chromium < 0.01%
  - Lead < 0.01%

Sound Performance

ISO 6395:2008 (external) – 103 dB(A)

ISO 6396:2008 (inside cab) – 70 dB(A)

- External Sound – The spectator sound power level is measured according to the test procedures and conditions specified in ISO 6395:2008 for a Caterpillar machine that is properly equipped and maintained. The measurements were conducted at 70% of the maximum engine cooling fan speed.
- Internal Sound – The operator sound pressure level is measured according to the test procedures and conditions specified in ISO 6396:2008 for a cab offered by Caterpillar, when properly installed and maintained and tested with the door and windows closed. The measurements were conducted at 70% of the maximum engine cooling fan speed.
- Hearing protection may be needed when operating with an open operator station and cab (when not properly maintained for doors/windows open) for extended periods or in noisy environment(s).

Oils and Fluids

- Caterpillar factory fills with ethylene glycol coolants. Cat Diesel Engine Antifreeze/Coolant (DEAC) and Cat Extended Life Coolant (ELC) can be recycled. Consult your Cat dealer for more information.
- Cat Bio HYDO™ Advanced is an EU Ecolabel approved biodegradable hydraulic oil.
- Additional fluids are likely to be present, please consult the Operations and Maintenance Manual or the Application and Installation guide for complete fluid recommendations and maintenance intervals.

Features and Technology

- The following features and technology may contribute to fuel savings and/or carbon reduction. Features may vary. Consult your Cat dealer for details.
  - Advanced hydraulic systems balance power and efficiency
  - Smart mode matches machine power to digging requirements automatically
  - Extended service intervals help decrease maintenance costs
  - Programmable high-efficiency cooling fans run only when needed
  - The latest hydraulic oil filter provides longer life with a 3,000-hour replacement interval

For more complete information on Cat products, dealer services, and industry solutions, visit us on the web at **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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