

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	150 kW	201 hp
ISO 9249 (DIN)	204 hp (metric)	
Engine Power		
ISO 14396	151 kW	202 hp
ISO 14396 (DIN)	205 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 U.S. EPA Tier 4 Final, EU Stage V, Korea Stage V, and Japan 2014 emission standards.
- 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 2,200 rpm.

(1)Cat diesel engines are required to use ULSD (ultra-low sulfur diesel fuel with 15 ppm of sulfur or less) and are compatible* with ULSD blended with the following lower-carbon intensity fuels** up to:

- ✓ 20% 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.

**While Caterpillar engines are compatible with these alternative fuels, some regions may not allow their use.*

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

****Engines with no aftertreatment devices are compatible with higher blends, up to 100% biodiesel (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 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 (2.01 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
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
Diesel Exhaust Fluid (DEF) Tank	41 L	10.8 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

Base Machine Configurations	600 mm (24") Triple Grouser Shoes Weight	600 mm (24") Triple Grouser Shoes Ground Pressure
Base Frame with Track Rollers and Carrier Rollers		
6700 kg (14,770 lb) Counterweight and Long Undercarriage Base Machine		
Reach Boom + R3.2CB2 (10'6") Stick + 1.54 m^3 (2.01 yd^3) HD Bucket	29 900 kg (65,900 lb)	56.9 kPa (8.3 psi)
Reach Boom + R2.65CB2 (8'8") Stick + 1.54 m^3 (2.01 yd^3) HD Bucket	29 800 kg (65,700 lb)	53.7 kPa (8.2 psi)

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

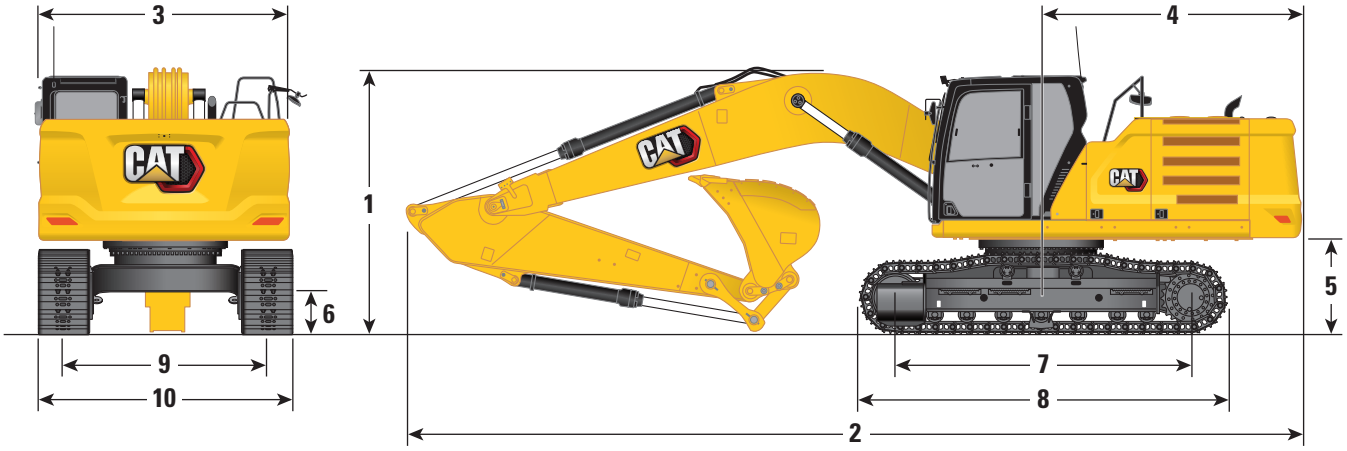
Major Component Weights

	kg	lb
Base machine (with 6700 kg [14,770 lb] counterweight, upper frame, long undercarriage with HD rollers and two boom cylinders) – weight of 90% fuel tank and 75 kg (165 lb) operator not included.	20 880	46,000
Track Shoes:		
600 mm (24") Width, 11 mm (0.43") Thick, Triple Grouser Track Shoes	3620	8,000
Two Boom Cylinders	490	1,100
Weight of 90% Fuel Tank and 75 kg (165 lb) Operator	460	1,000
Counterweight:		
6700 kg (14,770 lb) Counterweight	6700	14,800
Booms (including lines, pins, stick cylinder):		
Reach Boom 6.15 m (20'2")	2300	5,100
Mass Boom 5.55 m (18'2")	2380	5,200
Sticks (including lines, pins, bucket cylinder, bucket linkage):		
Reach Stick R3.2CB2 (10'6")	1440	3,200
Reach Stick R2.65CB2 (8'8")	1350	3,000
Mass Stick M2.5DB (8'2") with Rebar	1700	3,700
Buckets (without linkage, with tips and side cutters):		
1.54 m^3 (2.01 yd^3) HD, CB Linkage	1200	2,600
2.12 m^3 (2.77 yd^3) HD, DB Linkage	1690	3,700
2.15 m^3 (2.81 yd^3) Severe Duty (SD), DB Linkage	1910	4,200
Quick Couplers (QC):		
Pin Grabber QC CB with pins	530	1,200
Pin Grabber QC CB without pins	500	1,100
Dedicated QC	430	900

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Dimensions

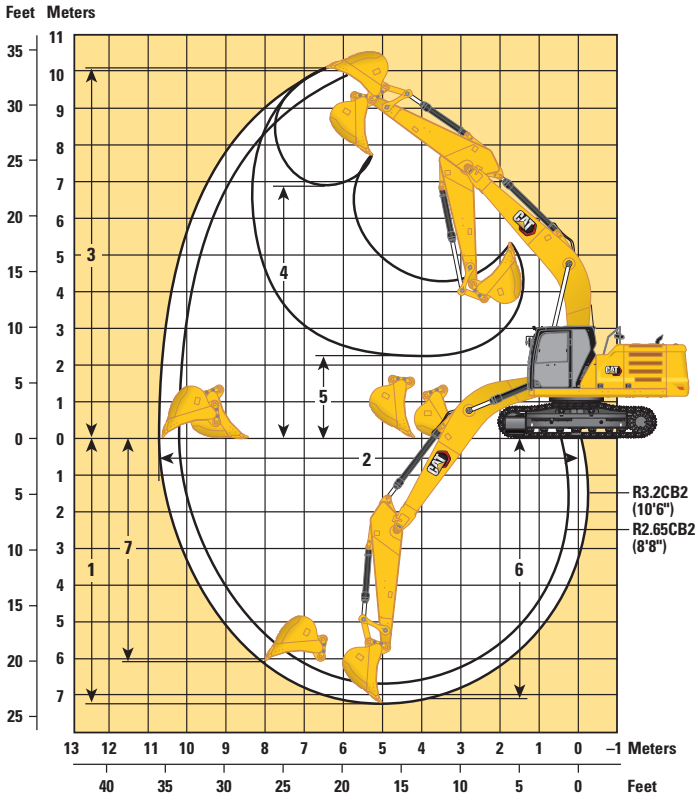
All dimensions are approximate and may vary depending on bucket selection.

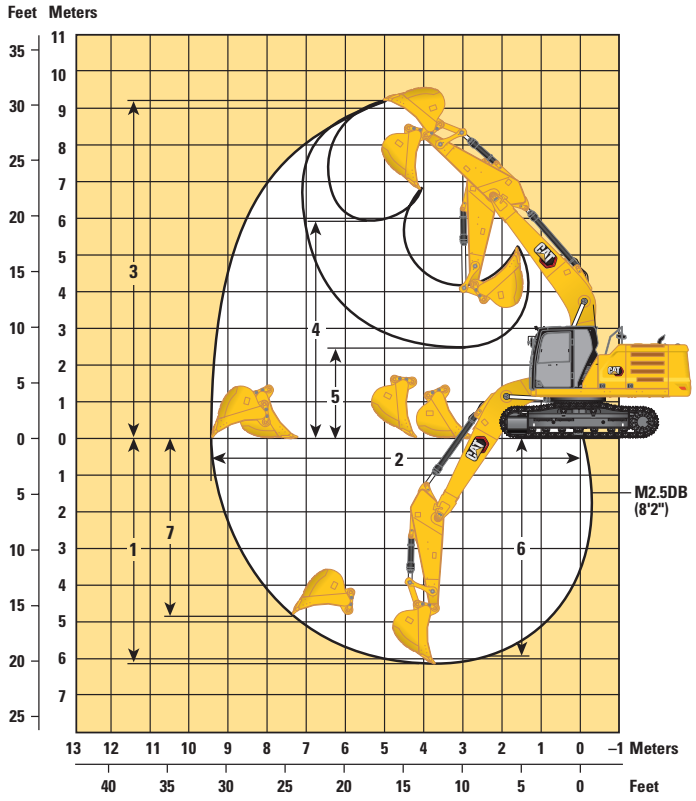


Boom Options	Reach Boom 6.15 m (20'2")				Mass Boom 5.55 m (18'2")	
Stick Options	**Reach Stick R3.2CB2 (10'6")**		**Reach Stick R2.65CB2 (8'8")**		**Mass Stick M2.5DB (8'2")**	
1 Machine Height:						
Cab Height	3050 mm	10'0"	3050 mm	10'0"	3050 mm	10'0"
OPG Height	3190 mm	10'6"	3190 mm	10'6"	3190 mm	10'6"
Handrail Height	3050 mm	10'0"	3050 mm	10'0"	3050 mm	10'0"
With Boom/Stick/Bucket Installed	3400 mm	11'2"	3450 mm	11'4"	3520 mm	11'7"
With Boom/Stick Installed	3380 mm	11'1"	3380 mm	11'1"	3430 mm	11'3"
With Boom Installed	3050 mm	10'0"	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"	9870 mm	32'5"
With Boom/Stick Installed	10 420 mm	34'2"	10 420 mm	34'2"	9850 mm	32'4"
With Boom Installed	9230 mm	30'3"	9230 mm	30'3"	8600 mm	28'3"
3 Upperframe Width	2940 mm	9'8"	2940 mm	9'8"	2940 mm	9'8"
4 Tail Swing Radius	3130 mm	10'3"	3130 mm	10'3"	3130 mm	10'3"
5 Counterweight Clearance	1110 mm	3'8"	1110 mm	3'8"	1110 mm	3'8"
6 Ground Clearance	490 mm	1'7"	490 mm	1'7"	490 mm	1'7"
7 Length to Center of Rollers	3990 mm	13'1"	3990 mm	13'1"	3990 mm	13'1"
8 Track Length	4860 mm	15'11"	4860 mm	15'11"	4860 mm	15'11"
9 Track Gauge	2590 mm	8'6"	2590 mm	8'6"	2590 mm	8'6"
10 Undercarriage Width:						
600 mm (24") Shoes	3190 mm	10'6"	3190 mm	10'6"	3190 mm	10'6"
Bucket Type	HD		HD		SD	
Bucket Capacity	1.54 m^3	2.01 yd^3	1.54 m^3	2.01 yd^3	2.15 m^3	2.81 yd^3
Bucket Tip Radius	1662 mm	5'5"	1662 mm	5'5"	1794 mm	5'11"

Working Ranges and Forces

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

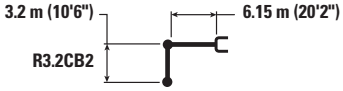


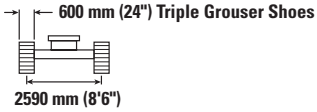


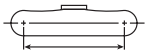
Boom Options	Reach Boom 6.15 m (20'2")				Mass Boom 5.55 m (18'2")	
Stick Options	**Reach Stick R3.2CB2 (10'6")**		**Reach Stick R2.65CB2 (8'8")**		**Mass Stick M2.5DB (8'2")**	
1 Maximum Digging Depth	7260 mm	23'10"	6710 mm	22'0"	6150 mm	20'2"
2 Maximum Reach at Ground Line	10 690 mm	35'1"	10 210 mm	33'6"	9480 mm	31'1"
3 Maximum Cutting Height	10 020 mm	32'10"	9910 mm	32'6"	9250 mm	30'4"
4 Maximum Loading Height	6930 mm	22'9"	6790 mm	22'3"	5950 mm	19'6"
5 Minimum Loading Height	2280 mm	7'6"	2830 mm	9'3"	2420 mm	7'11"
6 Maximum Depth Cut for 2440 mm (8 ft) Level Bottom	7100 mm	23'4"	6530 mm	21'5"	5960 mm	19'7"
7 Maximum Vertical Wall Digging Depth	6030 mm	19'9"	5720 mm	18'9"	4860 mm	15'11"
Bucket Digging Force (ISO)	179 kN	40,240 lbf	179 kN	40,240 lbf	211 kN	47,430 lbf
Stick Digging Force (ISO)	126 kN	28,330 lbf	145 kN	32,600 lbf	153 kN	34,400 lbf
Bucket Type	HD		HD		SD	
Bucket Capacity	1.54 m^3	2.01 yd^3	1.54 m^3	2.01 yd^3	2.15 m^3	2.81 yd^3
Bucket Tip Radius	1662 mm	5'5"	1662 mm	5'5"	1794 mm	5'11"

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

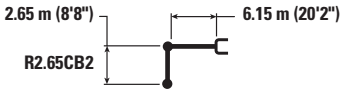


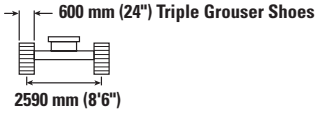


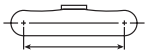


		1500 mm/60 in		3000 mm/120 in		4500 mm/180 in		6000 mm/240 in		7500 mm/300 in		9000 mm/360 in				
																mm in
7500 mm 300 in	kg lb													*5150 *11,350	*5150 *11,350	7270 290
6000 mm 240 in	kg lb									*7200 *15,300	6250 13,450			*4900 *10,750	*4900 *10,750	8230 330
4500 mm 180 in	kg lb							*8400 *18,250	*8400 *18,250	*7600 *16,600	6150 13,200			*4850 *10,650	4750 10,550	8830 350
3000 mm 120 in	kg lb					*12 950 *27,850	12 550 27,000	*9800 *21,250	8250 17,750	*8300 *18,050	5950 12,850	*5950	4550	*5000 *10,950	4450 9,800	9140 360
1500 mm 60 in	kg lb					*15 450 *33,350	11 850 25,500	*11 150 *24,150	7900 17,000	8950 19,200	5800 12,450	*6800 *12,550	4450 9,600	*5300 *11,650	4350 9,550	9190 370
0 mm 0 in	kg lb					*16 600 *35,950	11 500 24,700	*12 050 *26,050	7650 16,500	8800 18,900	5650 12,150			*5850 *12,800	4400 9,700	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 24,500	12 150 26,050	7550 16,250	8700 18,750	5600 12,000			*6750 *14,850	4750 10,400	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	11 450 24,650	*11 700 *25,300	7550 16,300	8750 18,850	5600 12,150			8400 18,550	5400 11,950	7740 310
–4500 mm –180 in	kg lb			*18 050 *38,850	*18 050 *38,850	*13 250 *28,450	11 700 25,150	*9800 *20,750	7750 16,700					*8600 *18,900	6950 15,550	6520 260

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 13,250	*6300 *13,950	5950 13,200	7700 300
4500 mm 180 in	kg lb			*11 200 *24,000	*11 200 *24,000	*9100 *19,750	8500 18,350	*8150 *17,800	6100 13,150	*6250 *13,750	5200 11,450	8340 330
3000 mm 120 in	kg lb			*14 100 *30,300	12 300 26,550	*10 450 *22,600	8150 17,600	*8750 *19,050	5950 12,800	*6400 *14,050	4800 10,600	8660 340
1500 mm 60 in	kg lb			*15 600 *35,000	11 750 25,250	*11 650 *25,150	7850 16,950	8950 19,200	5800 12,450	*6800 *14,900	4700 10,350	8720 350
0 mm 0 in	kg lb			*16 550 *36,450	11 500 24,750	12 250 26,400	7650 16,550	8800 18,950	5700 12,250	7350 16,200	4800 10,600	8510 340
–1500 mm –60 in	kg lb	*9750 *22,250	*9750 *22,250	*16 350 *35,500	11 500 24,700	12 200 26,200	7600 16,400	8800 18,900	5650 12,200	8000 17,650	5200 11,450	8020 320
–3000 mm –120 in	kg lb	*18 300 *41,700	*18 300 *41,700	*14 950 *32,300	11 600 24,950	*11 350 *24,400	7650 16,550			*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 18,550	5830 230

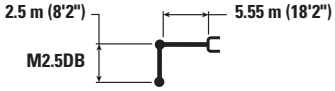
* ISO 10567:2007

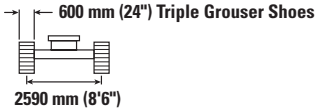
* Indicates that the load is limited by hydraulic lifting capacity rather than tipping load. The above loads are in compliance with hydraulic excavator lift capacity standard ISO 10567:2007. They do not exceed 87% of hydraulic lifting capacity or 75% of tipping load. Weight of all lifting accessories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

Mass 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**									*7900 ***17,550**	*7900 ***17,550**	5500 **220**
6000 mm **240 in**	kg **lb**					*8750 ***19,250**	8650 **18,550**			*7350 ***16,200**	7200 **16,050**	6720 **270**
4500 mm **180 in**	kg **lb**			*11 150 ***24,000**	*11 150 ***24,000**	*9450 ***20,500**	8400 **18,100**			*7300 ***16,050**	6000 **13,350**	7440 **300**
3000 mm **120 in**	kg **lb**			*13 800 ***29,700**	12 400 **26,700**	*10 550 ***22,900**	8100 **17,450**	9000 **19,300**	5800 **12,500**	*7600 ***16,650**	5500 **12,100**	7810 **310**
1500 mm **60 in**	kg **lb**			*15 950 ***34,400**	11 750 **25,300**	*11 650 ***25,250**	7800 **16,750**	8850 **19,000**	5700 **12,250**	8250 ***18,100**	5300 **11,700**	7870 **310**
0 mm **0 in**	kg **lb**			*16 700 ***36,150**	11 450 **24,650**	12 200 **26,250**	7600 **16,350**	8750 **18,800**	5600 **12,050**	8500 **18,750**	5450 **12,000**	7640 **300**
–1500 mm **–60 in**	kg **lb**	*16 300 ***37,150**	*16 300 ***37,150**	*16 100 ***34,900**	11 400 **24,550**	*11 950 ***25,850**	7550 **16,250**			9500 **21,000**	6050 **13,350**	7080 **280**
–3000 mm **–120 in**	kg **lb**	*19 200 ***41,500**	*19 200 ***41,500**	*14 100 ***30,350**	11 550 **24,900**	*10 150	7650			*9850 ***21,700**	7500 **16,700**	6110 **240**

* **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.

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Bucket Specifications and Compatibility

	Linkage	Width		Capacity		Weight		Fill	Reach Boom		Mass Boom
		mm	in	m^3	yd^3	kg	lb	%	R3.2 (10'6")	R2.65 (8'8")	M2.5 (8'2")
Pin-On (No Quick Coupler)											
Heavy Duty	CB	1450	57	1.60	2.09	1274	2,809	100	●	●	
	CB	1650	66	1.90	2.49	1369	3,019	100	X	X	
	CB	1750	69	2.00	2.62	1397	3,081	100	X	X	
Heavy Duty	CB	1250	49	1.33	1.74	1158	2,554	100	●	●	
	CB	1400	55	1.54	2.02	1263	2,784	100	●	●	
	CB	1500	60	1.76	2.30	1391	3,067	100	◉	●	
Heavy Duty	DB	1500	61	1.88	2.46	1633	3,601	100			●
	DB	1650	67	2.12	2.77	1731	3,817	100			◉
Extreme Duty	DB	1400	56	1.64	2.14	1892	4,171	90			●
Maximum load with pin-on (payload + bucket)								kg	4580	5015	5785
								lb	10,097	11,056	12,754
With Pin Grabber Quick Coupler											
Heavy Duty	CB	1450	57	1.60	2.09	1274	2,809	100	◉	●	
	CB	1650	66	1.90	2.49	1369	3,019	100	○	⊖	
	CB	1750	69	2.00	2.62	1397	3,081	100	○	⊖	
Heavy Duty	CB	1250	49	1.33	1.74	1158	2,554	100	●	●	
	CB	1400	55	1.54	2.02	1263	2,784	100	◉	●	
	CB	1500	60	1.76	2.30	1391	3,067	100	⊖	◉	
Heavy Duty	DB	1500	61	1.88	2.46	1633	3,601	100			◉
	DB	1650	67	2.12	2.77	1731	3,817	100			⊖
Extreme Duty	DB	1400	56	1.64	2.14	1892	4,171	90			●
Maximum load with coupler (payload + bucket)								kg	4054	4489	5259
								lb	8,937	9,896	11,594

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)
- ○ 1200 kg/m^3 (2,000 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 ☐ No Match

PIN-ON ATTACHMENTS

Boom Types		Reach		Mass
Stick Lengths		**R3.2 (10'6")**	**R2.65 (8'8")**	**R2.5 (8'2")**
Hydraulic Hammers	H130 GC	✓	✓	✓
	H130 GC Side Mount	✓	✓	
	H130 GC S	✓	✓	✓
	H140 GC	✓	✓	✓
	H140 GC S	✓	✓	✓
	H160 GC	✓	✓	✓
	H160 GC S	✓	✓	✓
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	✓	
Auto bi-level air conditioner	✓	
Jog dial and shortcut keys for monitor control	✓	
Keyless push-to-start engine control	✓	
Height-adjustable console	✓	
Fixed left-side console	✓	
Mechanical-suspension seat	✓	
51 mm (2") seat belt	✓	
Bluetooth® integrated radio with USB/Auxiliary ports	✓	
12V DC outlets	✓	
Document 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 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	✓	
–32° C (–25° F) cold start capability		✓
Cold start block heaters		✓
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 warm up	✓	
Automatic two-speed travel	✓	
Boom and stick drift reduction valve	✓	
High performance hydraulic return filter	✓	
Final drive with bio hydraulic oil capable travel motor	✓	
Fine swing control		✓
Hammer return filter	✓	
Tool Control (two pump, one/two way high-pressure flow)	✓	
Medium-pressure circuit		✓
Common Quick Coupler Circuit for Cat Pin Grabber and CW Dedicated		✓

(continued on next page)

Standard and Optional Equipment *(continued)*

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

	Standard	Optional
BOOMS, STICKS AND LINKAGES		
6.15 m (20'2") Reach boom		✓
5.55 m (18'2") Mass boom		✓
3.2 m (10'6") Reach stick		✓
2.65 m (8'8") Reach stick		✓
2.5 m (8'2") Mass stick with rebar		✓
Bucket linkage, CB family with lifting eye		✓
Bucket linkage, DB family with lifting eye		✓
UNDERCARRIAGE AND STRUCTURES		
Segmented track guiding guard	✓	
Bottom guard		✓
HD bottom guards		✓
Swivel guard		✓
Travel motor guards	✓	
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	✓	
ELECTRICAL SYSTEM		
Maintenance-free 1,000 CCA batteries (×2)	✓	
Programmable time-delay LED working lights	✓	
Centralized electrical disconnect switch	✓	
LED chassis light, left-side boom light	✓	
LED cab lights, right-side 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	✓	
S·O·S℠ ports	✓	
Preventative maintenance ready (QuickEvac™)		✓
Electric refueling pump with automatic shutoff		✓
Radiator screen		✓
Integrated vehicle health management system	✓	
SAFETY AND SECURITY		
Auto hammer stop	✓	
Rearview camera	✓	
Right-hand-side view camera	✓	
Secure start with PIN code	✓	
Caterpillar One Key security system	✓	
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	✓	
Right Hand (RH) handrail and hand hold	✓	
Cab mirror for RH track edge	✓	
Signaling/warning horn	✓	
Swing alarm		✓
Ground-level secondary engine shutoff switch in cab	✓	
Lockable disconnect switch	✓	
Hydraulic lock out lever that neutralizes all controls	✓	
Travel alarm		✓
Inspection lighting		✓

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

- 76 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 engine meets U.S. EPA Tier 4 Final, EU Stage V, Korea Stage V, and Japan 2014 emission standards.
- Cat diesel engines are required to use ULSD (ultra-low sulfur diesel fuel with 15 ppm of sulfur or less) and are compatible* with ULSD blended with the following lower-carbon intensity fuels** up to:
  - ✓ 20% 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.

  **While Caterpillar engines are compatible with these alternative fuels, some regions may not allow their use.*

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

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

Air Conditioning System

- The air conditioning system on this machine contains the fluorinated greenhouse gas refrigerant R134a or R1234yf. See the label or instruction manual for identification of the gas.
  - – If equipped with 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).
  - – If equipped with R1234yf (Global Warming Potential = 0.501), the system contains 0.78 kg (1.7 lb) of refrigerant which has a CO_2 equivalent of 0.001 metric tonnes (0.001 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

Recycling

- The materials included in machines are categorized as below with approximate weight percentage. Because of variations of product configurations, the following values in the table may vary.

Material Type	Weight Percentage
Steel	86.85%
Iron	4.63%
Nonferrous Metal	1.55%
Mixed Metal	0.07%
Mixed-Metal and Nonmetal	0.63%
Plastic	1.79%
Rubber	0.16%
Mixed Nonmetallic	0.23%
Fluid	3.12%
Other	0.96%
Uncategorized	0.00%
Total	100%

- A machine with higher recyclability rate will ensure more efficient usage of valuable natural resources and enhance End-of-Life value of the product. According to ISO 16714:2008 (Earthmoving machinery – Recyclability and recoverability – Terminology and calculation method), recyclability rate is defined as percentage by mass (mass fraction in percent) of the new machine potentially able to be recycled, reused or both.

  All parts in the bill of material are first evaluated by component type based on a list of components defined by the ISO 16714:2008 and Japan CEMA (Construction Equipment Manufacturers Association) standards. Remaining parts are further evaluated for recyclability based on material type.

  Because of variations of product configurations, the following value in the table may vary.

Recyclability – 97%

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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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