



330

Hydraulic Excavator

Technical Specifications

Engine

Engine Model	Cat® C7.1	
Net Power – ISO 9249	204 kW	273 hp
Net Power – SAE J1349	203 kW	272 hp
Gross Power – ISO 14396/SAE J1995	205 kW	275 hp
Bore	105 mm	4 in
Stroke	135 mm	5 in
Displacement	7.01 L	428 in ³

- Meets U.S. EPA Tier 4 Final, EU 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).
- Net power advertised is the power available at the flywheel when the engine is equipped with fan, air cleaner, muffler, and alternator.
- Rating at 2,200 rpm.

Engine rpm

Operation	1,750 rpm
Travel	1,750 rpm

Swing Mechanism

Swing Speed	11.50 rpm
Swing Torque	86 kN·m 63,652 lbf·ft

Weights

Operating Weight – 600 mm (24") Triple Grouser Shoes	30 000 kg	66,000 lb
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- Long undercarriage, reach boom, R3.2 m (10'6") stick, HD 1.76 m³ (2.30 yd³) 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

Maximum 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 – Normal	35 000 kPa	5,075 psi
Maximum Pressure – Equipment – Lift Mode	38 000 kPa	5,510 psi
Maximum Pressure – Travel	35 000 kPa	5,075 psi
Maximum Pressure – Swing	29 800 kPa	4,320 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

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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
DEF Tank	41 L	10.8 gal

Standards

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

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.

Operating Weights and Ground Pressures

	600 mm (24") Triple Grouser Shoes		600 mm (24") Double Grouser Shoes		700 mm (28") HD Triple Grouser Shoes	
	Weight	Ground Pressure	Weight	Ground Pressure	Weight	Ground Pressure
	kg (lb)	kPa (psi)	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 + 1.76 m ³ (2.30 yd ³) HD Bucket	30 000 (66,000)	57 (8.3)	30 300 (66,700)	58 (8.4)	30 500 (67,300)	50 (7.2)
Reach Boom + R2.65CB2 (8'8") Stick + 1.76 m ³ (2.30 yd ³) HD Bucket	29 900 (65,800)	57 (8.2)	30 200 (66,500)	57 (8.3)	30 400 (67,100)	50 (7.2)

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

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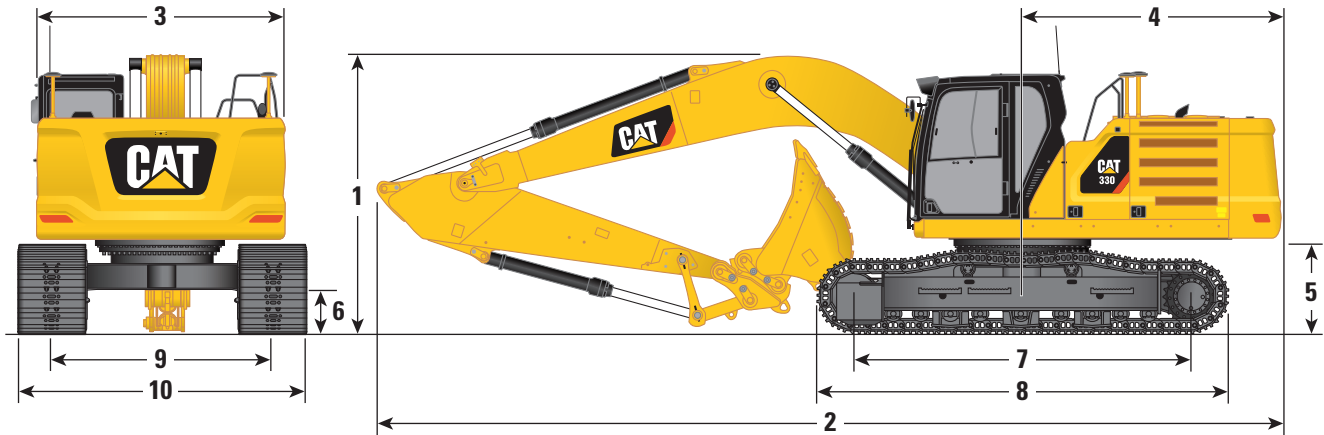
Major Component Weights

	kg	lb
Base machine (6700 kg [14,770 lb] counterweight, upper frame, long undercarriage with HD rollers), with boom cylinders and weight of 90% fuel tank and 75 kg (165 lb) operator included.	21 200	46,700
Track Shoes:		
600 mm (24") Width, 11 mm (0.43") Thick, Triple Grouser Track Shoes	3620	7,980
600 mm (24") Width, 14.5 mm (0.57") Thick, Double Grouser Track Shoes	3960	8,730
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
Undercarriage:		
Long Undercarriage with HD Rollers	6700	14,800
Boom (including lines, pins, stick cylinder):		
Reach Boom 6.15 m (20'2")	2310	5,090
Sticks (including lines, pins, bucket cylinder, bucket linkage):		
Reach Stick R3.2CB2 (10'6")	1470	3,240
Reach Stick R2.65CB2 (8'8")	1370	3,020
Buckets (without linkage, with tips and sidecutters):		
1.76 m ³ (2.30 yd ³) GD, CB Linkage	1130	2,490
1.76 m ³ (2.30 yd ³) HD, CB Linkage	1350	2,980
Quick Couplers:		
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")

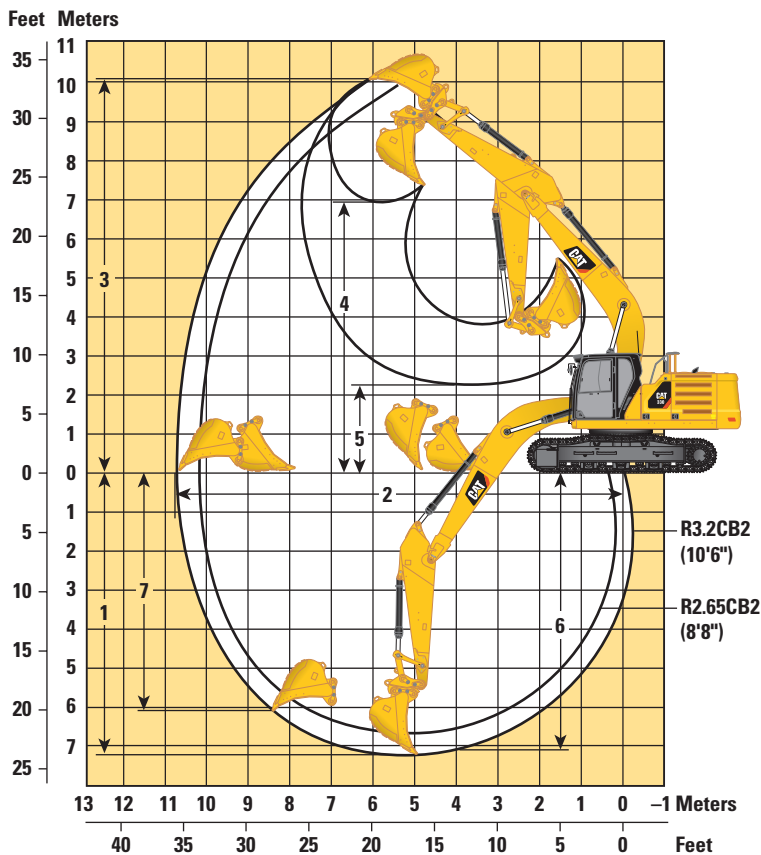
R2.65CB2 (8'8")

	R3.2CB2 (10'6")	R2.65CB2 (8'8")
1 Machine Height:		
Cab Height	3060 mm 10'0"	3060 mm 10'0"
FOGS Height	3200 mm 10'6"	3200 mm 10'6"
Handrails Height	3060 mm 10'0"	3060 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	3060 mm 10'0"	3060 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 without Walkways	2940 mm 9'8"	2940 mm 9'8"
4 Tail Swing Radius	3130 mm 10'3"	3130 mm 10'3"
5 Counterweight Clearance	1120 mm 3'8"	1120 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	4860 mm 15'11"	4860 mm 15'11"
9 Track Gauge – Extended (long undercarriage)	2590 mm 8'6"	2590 mm 8'6"
Track Width:		
600 mm (24") Shoes	600 mm 24"	600 mm 24"
700 mm (28") Shoes	700 mm 28"	700 mm 28"
10 Undercarriage Width (with steps/without steps):		
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	1.76 m ³ 2.30 yd ³	1.76 m ³ 2.30 yd ³
Bucket Tip Radius	1660 mm 5'5"	1660 mm 5'5"

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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

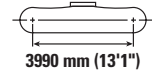
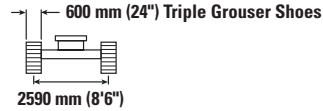
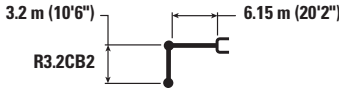
R3.2CB2 (10'6")

R2.65CB2 (8'8")

	R3.2CB2 (10'6")		R2.65CB2 (8'8")	
1 Maximum Digging Depth	7240 mm	23'9"	6690 mm	21'11"
2 Maximum Reach at Ground Line	10 680 mm	35'0"	10 210 mm	33'6"
3 Maximum Cutting Height	10 030 mm	32'11"	9920 mm	32'7"
4 Maximum Loading Height	6950 mm	22'10"	6800 mm	22'4"
5 Minimum Loading Height	2300 mm	7'7"	2850 mm	9'4"
6 Maximum Depth Cut for 2440 mm (8 ft) Level Bottom	7090 mm	23'3"	6520 mm	21'5"
7 Maximum Vertical Wall Digging Depth	6010 mm	19'9"	5700 mm	18'8"
Bucket Digging Force (SAE)	157 kN	35,290 lbf	157 kN	35,290 lbf
Bucket Digging Force (ISO)	179 kN	40,240 lbf	179 kN	40,240 lbf
Stick Digging Force (SAE)	123 kN	27,650 lbf	140 kN	31,470 lbf
Stick Digging Force (ISO)	126 kN	28,330 lbf	145 kN	32,600 lbf
Bucket Type	HD		HD	
Bucket Capacity	1.76 m ³	2.30 yd ³	1.76 m ³	2.30 yd ³
Bucket Tip Radius	1660 mm	5'5"	1660 mm	5'5"

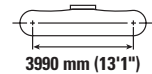
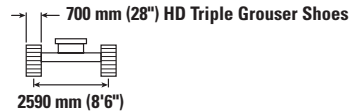
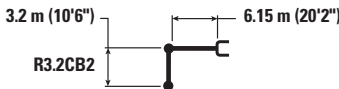
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Reach Boom Lift Capacities – Counterweight: 6700 kg (14,770 lb) – without Bucket, Heavy Lift: On



		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													*5600 *12,350	*5600 *12,350	7280 290
6000 mm 240 in	kg lb								*7900 *16,700	6250 13,450				*5350 *11,750	*5350 *11,750	8240 330
4500 mm 180 in	kg lb							*9250 *20,050	8600 18,500	*8400 *18,300	6150 13,200			*5300 *11,650	4750 10,500	8830 350
3000 mm 120 in	kg lb					*14 250 *30,650	12 500 27,000	*10 800 *23,400	8250 17,750	9150 19,650	5950 12,850	*6500 4550		*5450 *11,950	4450 9,750	9140 360
1500 mm 60 in	kg lb					*17 000 *36,700	11 850 25,500	*12 300 *26,550	7900 17,000	8950 19,200	5800 12,450	6800 *13,650	4450 9,600	*5800 *12,700	4350 9,500	9190 370
0 mm 0 in	kg lb					*18 300 *39,550	11 500 24,700	12 250 26,350	7650 16,450	8800 18,900	5650 12,150			*6350 *14,000	4400 9,700	8990 360
-1500 mm -60 in	kg lb	*6950 *15,550	*6950 *15,550	*10 950 *24,800	*10 950 *24,800	*18 250 *39,600	11 400 24,500	12 150 26,050	7550 16,250	8700 18,750	5600 12,000			7300 16,050	4750 10,400	8520 340
-3000 mm -120 in	kg lb	*12 500 *28,000	*12 500 *28,000	*17 650 *40,050	*17 650 *40,050	*17 150 *37,100	11 450 24,650	12 150 26,150	7550 16,250	8750 18,850	5600 12,100			8400 18,600	5400 11,950	7730 310
-4500 mm -180 in	kg lb			*19 900 *42,750	*19 900 *42,750	*14 600 *31,300	11 700 25,150	*10 800 *22,850	7750 16,700					*9500 *20,850	6950 15,550	6510 260

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



		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													*5600 *12,350	*5600 *12,350	7280 290
6000 mm 240 in	kg lb								*7900 *16,700	6350 13,650				*5350 *11,750	*5350 *11,750	8240 330
4500 mm 180 in	kg lb							*9250 *20,050	8750 18,800	*8400 *18,300	6250 13,400			*5300 *11,650	4850 10,700	8830 350
3000 mm 120 in	kg lb					*14 250 *30,650	12 700 27,400	*10 800 *23,400	8350 18,000	*9150 *19,900	6050 13,050	*6500 4600		*5450 *11,950	4500 9,950	9140 360
1500 mm 60 in	kg lb					*17 000 *36,700	12 000 25,900	*12 300 *26,550	8000 17,250	9100 19,550	5900 12,650	6950 *13,650	4550 9,750	*5800 *12,700	4400 9,700	9190 370
0 mm 0 in	kg lb					*18 300 *39,550	11 700 25,100	12 450 26,800	7750 16,750	8950 19,200	5750 12,350			*6350 *14,000	4500 9,850	8990 360
-1500 mm -60 in	kg lb	*6950 *15,550	*6950 *15,550	*10 950 *24,800	*10 950 *24,800	*18 250 *39,600	11 600 24,900	12 350 26,550	7650 16,500	8850 19,050	5650 12,200			*7350 *16,250	4800 10,600	8520 340
-3000 mm -120 in	kg lb	*12 500 *28,000	*12 500 *28,000	*17 650 *40,050	*17 650 *40,050	*17 150 *37,100	11 650 25,050	12 350 26,600	7700 16,550	8900 19,200	5700 12,350			8550 18,900	5500 12,200	7730 310
-4500 mm -180 in	kg lb			*19 900 *42,750	*19 900 *42,750	*14 600 *31,300	11 850 25,550	*10 800 *22,850	7850 16,950					*9500 *20,850	7050 15,850	6510 260



ISO 10567



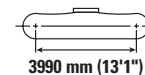
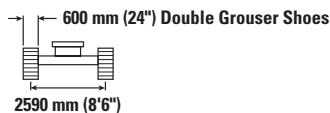
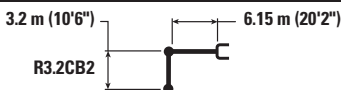
* Indicates that the load is limited by hydraulic lifting capacity rather than tipping load. The above loads are in compliance with hydraulic excavator lift capacity standard ISO 10567:2007. They do not exceed 87% of hydraulic lifting capacity or 75% of tipping load. Weight of all lifting accessories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

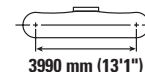
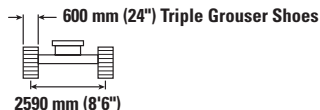
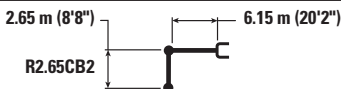
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







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



		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													*5600 *12,350	*5600 *12,350	7280 290
6000 mm 240 in	kg lb								*7900 *16,700	6300 13,550				*5350 *11,750	*5350 *11,750	8240 330
4500 mm 180 in	kg lb							*9250 *20,050	8650 18,700	6200 13,350				*5300 *11,650	4800 10,600	8830 350
3000 mm 120 in	kg lb					*14 250 *30,650	12 650 27,250	*10 800 *23,400	8300 17,900	6000 12,950	*6500	4600		*5450 *11,950	4500 9,850	9140 360
1500 mm 60 in	kg lb					*17 000 *36,700	11 950 25,700	*12 300 *26,550	7950 17,150	9000 19,400	5850 12,550	6900 *13,650	4500 9,700	*5800 *12,700	4400 9,600	9190 370
0 mm 0 in	kg lb					*18 300 *39,550	11 600 24,950	12 400 26,600	7700 16,600	8850 19,050	5700 12,250			*6350 *14,000	4450 9,800	8990 360
-1500 mm -60 in	kg lb	*6950 *15,550	*6950 *15,550	*10 950 *24,800	*10 950 *24,800	*18 250 *39,600	11 500 24,750	12 250 26,350	7600 16,400	8800 18,900	5650 12,150			7350 16,250	4750 10,500	8520 340
-3000 mm -120 in	kg lb	*12 500 *28,000	*12 500 *28,000	*17 650 *40,050	*17 650 *40,050	*17 150 *37,100	11 550 24,900	12 300 26,400	7650 16,450	8850 19,050	5650 12,250			8500 18,800	5450 12,100	7730 310
-4500 mm -180 in	kg lb			*19 900 *42,750	*19 900 *42,750	*14 600 *31,300	11 800 25,400	*10 800 *22,850	7800 16,850					*9500 *20,850	7000 15,700	6510 260

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



		3000 mm/120 in		4500 mm/180 in		6000 mm/240 in		7500 mm/300 in				mm in			
															
7500 mm 300 in	kg lb											*7300 *16,200	*7300 *16,200	6680 260	
6000 mm 240 in	kg lb						*8900 *19,450	8800 18,900	*8350 *15,800	6200 13,250	*6900 *15,200	5900 13,150	*6800 *14,950	5200 11,450	8340 330
4500 mm 180 in	kg lb			*12 300 *26,400	*12 300 *26,400	*10 050 *21,750	8500 18,300	*8950 *19,600	6100 13,100	5950 12,800	*6800 *14,950	5200 11,450	*6950 *15,350	4800 10,600	8670 340
3000 mm 120 in	kg lb			*15 550 *33,350	12 300 26,550	*11 500 *24,850	8150 17,600	9100 19,600	5950 12,800	5950 12,800	*6950 *15,350	4800 10,600	*6950 *15,350	4800 10,600	8670 340
1500 mm 60 in	kg lb			*16 900 *38,500	11 750 25,250	12 500 26,850	7850 16,900	8950 19,200	5800 12,450	5800 12,450	7150 15,750	4700 10,300	7150 15,750	4700 10,300	8720 350
0 mm 0 in	kg lb			*18 000 *40,100	11 500 24,750	12 250 26,400	7650 16,500	8800 18,950	5700 12,200	5700 12,200	7350 16,200	4800 10,550	7350 16,200	4800 10,550	8510 340
-1500 mm -60 in	kg lb	*10 650 *24,350	*10 650 *24,350	*18 000 *39,050	11 500 24,700	12 200 26,250	7600 16,400	8800 18,900	5650 12,200	5650 12,200	8000 17,700	5200 11,450	8000 17,700	5200 11,450	8010 320
-3000 mm -120 in	kg lb	*19 950 *45,500	*19 950 *45,500	*16 400 *35,550	11 600 25,000	12 300 26,400	7650 16,550				9450 21,000	6100 13,500	9450 21,000	6100 13,500	7170 280
-4500 mm -180 in	kg lb			*13 100 *27,950	11 900 25,650						*9550 *20,950	8300 18,600	*9550 *20,950	8300 18,600	5820 230



ISO 10567



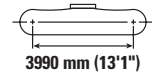
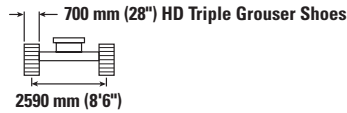
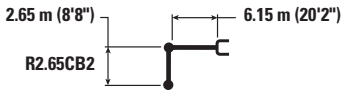
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








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

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

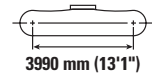
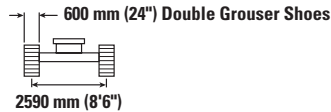
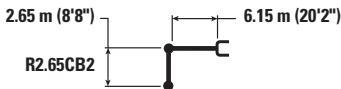
330 Hydraulic Excavator Specifications

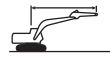










Reach Boom Lift Capacities – Counterweight: 6700 kg (14,770 lb) – without Bucket, Heavy Lift: On



		3000 mm/120 in		4500 mm/180 in		6000 mm/240 in		7500 mm/300 in				mm in
												
7500 mm 300 in	kg lb					*19,100	*19,100			*7300 *16,200	*7300 *16,200	6680 260
6000 mm 240 in	kg lb					*8900 *19,450	8900 19,150	*8350 *15,800	6300 13,450	*6900 *15,200	6000 13,400	7710 310
4500 mm 180 in	kg lb			*12 300 *26,400	*12 300 *26,400	*10 050 *21,750	8650 18,600	*8950 *19,600	6200 13,350	*6800 *14,950	5250 11,650	8340 330
3000 mm 120 in	kg lb			*15 550 *33,350	12 500 26,950	*11 500 *24,850	8300 17,850	9250 19,900	6050 13,000	*6950 *15,350	4900 10,750	8670 340
1500 mm 60 in	kg lb			*16 900 *38,500	11 900 25,700	12 700 27,300	8000 17,200	9100 19,550	5900 12,650	7300 16,050	4750 10,500	8720 350
0 mm 0 in	kg lb			*18 000 *40,100	11 700 25,200	12 500 26,850	7800 16,800	8950 19,300	5750 12,450	7500 16,500	4900 10,750	8510 340
-1500 mm -60 in	kg lb	*10 650 *24,350	*10 650 *24,350	*18 000 *39,050	11 700 25,150	12 400 26,700	7750 16,650	8950 19,250	5750 12,400	8150 18,000	5300 11,650	8010 320
-3000 mm -120 in	kg lb	*19 950 *45,500	*19 950 *45,500	*16 400 *35,550	11 800 25,400	*12 450 *26,850	7800 16,800			9650 21,400	6200 13,700	7170 280
-4500 mm -180 in	kg lb			*13 100 *27,950	12 100 26,050					*9550 *20,950	8400 18,900	5820 230

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



		3000 mm/120 in		4500 mm/180 in		6000 mm/240 in		7500 mm/300 in				mm in
												
7500 mm 300 in	kg lb					*19,100	*19,100			*7300 *16,200	*7300 *16,200	6680 260
6000 mm 240 in	kg lb					*8900 *19,450	8850 19,050	*8350 *15,800	6250 13,400	*6900 *15,200	6000 13,300	7710 310
4500 mm 180 in	kg lb			*12 300 *26,400	*12 300 *26,400	*10 050 *21,750	8600 18,500	*8950 *19,600	6150 13,250	*6800 *14,950	5250 11,550	8340 330
3000 mm 120 in	kg lb			*15 550 *33,350	12 400 26,800	*11 500 *24,850	8250 17,750	9200 19,750	6000 12,900	*6950 *15,350	4850 10,700	8670 340
1500 mm 60 in	kg lb			*16 900 *38,500	11 850 25,500	12 600 27,100	7950 17,100	9000 19,400	5850 12,600	7250 15,950	4750 10,400	8720 350
0 mm 0 in	kg lb			*18 000 *40,100	11 600 25,000	12 400 26,650	7750 16,700	8900 19,150	5750 12,350	7450 16,400	4850 10,650	8510 340
-1500 mm -60 in	kg lb	*10 650 *24,350	*10 650 *24,350	*18 000 *39,050	11 600 24,950	12 350 26,500	7700 16,550	8850 19,100	5700 12,300	8100 17,850	5250 11,550	8010 320
-3000 mm -120 in	kg lb	*19 950 *45,500	*19 950 *45,500	*16 400 *35,550	11 700 25,200	12 400 26,650	7750 16,700			9550 21,200	6150 13,600	7170 280
-4500 mm -180 in	kg lb			*13 100 *27,950	12 000 25,850					*9550 *20,950	8350 18,800	5820 230



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 Hydraulic Excavator Specifications

Bucket Specifications and Compatibility

	Linkage	Width		Capacity		Weight		Fill %	6.7 mt (14,770 lb) Counterweight	
		mm	in	m ³	yd ³	kg	lb		Reach Boom	
									R3.2 (10'6")	R2.65 (8'8")
Pin-On (No Quick Coupler)										
General Duty (GD) – UK/ANZ	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 (HD) – ANZ	CB	1200	48	1.33	1.74	1096	2,417	100	●	●
	CB	1350	54	1.54	2.02	1196	2,637	100	●	●
Heavy Duty (HD) – CCL	CB	1450	57	1.60	2.09	1274	2,809	100	●	●
	CB	1600	63	1.80	2.36	1348	2,973	100	X	X
Heavy Duty (HD)	CB	1500	60	1.76	2.30	1391	3,067	100	⊙	●
Maximum load with pin-on (payload + bucket)								kg	4605	5045
								lb	10,152	11,122
With Pin Grabber Quick Coupler										
General Duty (GD) – UK/ANZ	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 (HD) – ANZ	CB	1200	48	1.33	1.74	1096	2,417	100	●	●
	CB	1350	54	1.54	2.02	1196	2,637	100	⊙	●
Heavy Duty (HD) – CCL	CB	1450	57	1.60	2.09	1274	2,809	100	⊙	●
	CB	1600	63	1.80	2.36	1348	2,973	100	⊖	⊙
Heavy Duty (HD)	CB	1500	60	1.76	2.30	1391	3,067	100	⊖	⊙
Maximum load with coupler (payload + bucket)								kg	4079	4519
								lb	8,992	9,962

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/m³ (3,500 lb/yd³)

⊙ 1800 kg/m³ (3,000 lb/yd³)

⊖ 1500 kg/m³ (2,500 lb/yd³)

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.

330 Hydraulic Excavator Specifications

Attachments Offering Guide

PIN-ON ATTACHMENTS

Counterweight		6.7 mt (14,770 lb)	
Boom Type		Reach Boom	Reach Boom
Stick Length		2.65 m (8'8")	3.20 m (10'6")
Hydraulic Hammers	H120Es	✓	✓
	H130Es	✓	✓
	H140Es	✓	✓
	B30	✓	✓
	B35	✓	✓
Demolition and Sorting Grapples	G320B	✓	✓
	G325B	✓	✓
Mobile Scrap and Demolition Shears	S3025	✓	✓
	S3035	✓	✓
Trash Grapples		✓	✓
Contractors' Grapples		✓	✓
Rippers		✓	✓
Cat Pin Grabber Couplers		✓	✓

CAT PIN GRABBER COUPLER ATTACHMENTS

Counterweight		6.7 mt (14,770 lb)	
Boom Type		Reach Boom	Reach Boom
Stick Length		2.65 m (8'8")	3.20 m (10'6")
Hydraulic Hammers	H120Es	✓	✓
	H130Es	✓	✓
	H140Es	✓	✓
	B30	✓	✓
	B35	✓	✓
Demolition and Sorting Grapples	G320B	✓	✓
	G325B	✓	✓
Mobile Scrap and Demolition Shears	S3025	✓	✓
	S3035	✓	✓
Rippers		✓	✓

BOOM-MOUNT ATTACHMENTS

Counterweight		6.7 mt (14,770 lb)	
Boom Type		Reach Boom	
Mobile Scrap and Demolition Shears	S2070	✓	
	S3050	✓	

Standard and Optional Equipment

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

	Standard	Optional		Standard	Optional
CAB			CAT CONNECT TECHNOLOGY		
ROPS, standard sound suppression	✓		Cat Product Link™	✓	
Heated seat with air-adjustable suspension	✓		Cat GRADE with 2D	✓	
Height-adjustable console, infinite with no tool	✓		Cat GRADE with Advanced 2D		✓
Tilt-up left-side console	✓		Cat GRADE with 3D		✓
High-resolution 254 mm (10") LCD touchscreen monitor	✓		Laser Catcher		✓
High-resolution 254 mm (10") LCD touchscreen monitor + additional monitor (only for use with Cat GRADE with Advanced 2D or Cat GRADE with 3D)		✓	2D E-Fence	✓	
Automatic bi-level air conditioner	✓		Cat GRADE with Assist: – Boom Assist – Bucket Assist – Swing Assist – Grade Assist	✓	
Jog dial and shortcut keys for monitor control	✓		Cat PAYLOAD: – Static weigh – Auto calibration – Payload information	✓	
Keyless push-to-start engine control	✓		Remote Troubleshooting		✓
51 mm (2") seat belt	✓		Remote Flash		✓
Bluetooth® integrated radio with USB ports	✓		Companion App		✓
12V DC outlets (×2)	✓		ENGINE		
Document storage	✓		Three selectable modes: Power, Smart, Eco	✓	
Cup and bottle holders	✓		One-touch low idle with automatic engine speed control	✓	
Openable two-piece front window	✓		Auto engine idle-shutdown	✓	
Upper radial wiper with washer	✓		4500 m (14,760 ft) altitude capability with engine power derate above 3000 m (9,840 ft)	✓	
Openable polycarbonate skylight hatch	✓		52° C (125° F) high-ambient cooling capability with derate	✓	
LED dome and lower interior lights	✓		–18° C (0° F) cold start capability	✓	
Roller front sunscreen	✓		2 × 115 amp dual alternator	✓	
Roller rear sunscreen		✓	Sealed double element air filter with integrated precleaner	✓	
Rear window emergency exit	✓		Two-stage fuel filtration with water separator and indicator	✓	
Washable floor mat	✓		Electric fuel priming pump	✓	
Beacon ready	✓		On-demand electric cooling fans with auto-reverse function	✓	
			Biodiesel capability up to B20	✓	

(continued on next page)

330 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
HYDRAULIC SYSTEM			ELECTRICAL SYSTEM		
Electronic main control valve	✓		2 × Machine Electronic Control Module	✓	
Electric boom regeneration circuit	✓		Maintenance-free 1,000 CCA batteries (×2)	✓	
Stick regeneration circuit	✓		After engine shutdown, programmable time delay LED working lights: one chassis mounted, one LH boom mounted	✓	
Automatic hydraulic oil warm up	✓		Centralized electrical disconnect switch	✓	
Automatic two-speed travel	✓		LED chassis light, LH and RH boom lights, cab lights	✓	
Boom and stick drift reduction valve	✓		Compatible with Electronic Technician	✓	
Boom lowering check valve	✓		SERVICE AND MAINTENANCE		
Stick lowering check valve	✓		Grouped location of engine oil and fuel filters	✓	
Heavy lift mode	✓		Ground level second dipstick for engine oil	✓	
High performance hydraulic return filter	✓		Side entry to service platform	✓	
Final drive with bio hydraulic oil capable travel motor	✓		Scheduled Oil Sampling (S·O·S SM) ports	✓	
Fine swing control	✓		Preventative maintenance ready (QuickEvac TM)		✓
Hammer return filter circuit		✓	Radiator screen		✓
Advanced Tool Control (two pump, one/two way high-pressure flow)		✓	SAFETY AND SECURITY		
Medium-pressure circuit		✓	Rearview camera	✓	
Common Quick Coupler Circuit for Cat Pin Grabber and CW Dedicated	✓		Right-side-view camera	✓	
Electronic Pattern Changer (requires activation)	✓		360° Visibility		✓
BOOM, STICKS AND LINKAGES			Lift Assist	✓	
6.15 m (20'2") Reach boom	✓		Cat asset tracker		✓
3.2 m (10'6") Reach stick, CB2 Linkage		✓	Secure start with PIN code	✓	
2.65 m (8'8") Reach stick, CB2 Linkage		✓	Caterpillar One Key security system	✓	
Bucket Linkage, CB2 family with lifting eye, Cat GRADE	✓		Lockable external tool/storage box	✓	
UNDERCARRIAGE AND STRUCTURES			Lockable door, fuel, and hydraulic tank locks	✓	
Track guiding guard, full length		✓	Lockable fuel drain compartment	✓	
Track guiding guard, segmented three piece	✓		Service platform with anti-skid plate and recessed bolts	✓	
Swivel guard	✓		RH handrail and hand hold (ISO 2867:2011 compliant)	✓	
Bottom guard		✓	Cab mirror for RH track edge	✓	
HD bottom guard		✓	Signaling/warning horn	✓	
HD travel motor guard	✓		Ground-level secondary engine shutoff switch in cab	✓	
Grease lubricated track	✓		Hydraulic lock out lever that neutralizes all controls	✓	
Swing drive and motor, and swing bearing for higher swing torque	✓		Travel alarm	✓	
Base frame with HD rollers	✓				
Tie-down points on base frame	✓				
6700 kg (14,770 lb) counterweight	✓				
600 mm (24") triple grouser track shoes		✓			
600 mm (24") double grouser track shoes		✓			
700 mm (28") triple grouser HD track shoes		✓			

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

SAFETY AND SECURITY

- Seat belt, retractable (75 mm/3 in width)
- Bluetooth key fob

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)

ELECTRICAL

- Premium lights, 1,200 lumens on chassis, LH/RH Boom, Cab, and 850 lumens on machine rear/LH/RH.
- Jump start wiring

HYDRAULIC

- Advanced Tool Control (two pump, one/two way high-pressure flow)
- Medium-pressure circuit
- Common Quick Coupler Circuit for Cat Pin Grabber and CW Dedicated

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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Build Number: 07A
(ANZ)

