

# 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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Engine		
Engine Model	Cat® C7.1	
Net Power		
ISO 9249	150 kW	201 hp
ISO 9249 (DIN)	204 hp (met	tric)
Engine Power		
ISO 14396	151 kW	202 hp
ISO 14396 (DIN)	205 hp (met	tric)
Bore	105 mm	4 in
Stroke	135 mm	5 in
Displacement	7.01 L	428 in3
Biodiesel capability	Up to B20 <sup>(1)</sup>	)

- 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 30 900 kg 68,100 lb

 Long undercarriage, Reach boom, R3.2 m (10'6") stick, Heavy Duty (HD) 1.54 m3 (2.01 yd3) bucket, 800 mm (31") triple grouser shoes and 6700 kg (14,770 lb) counterweight.

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

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

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**

	800 mm (31") Triple Grouser Shoes			
Base Machine Configurations	We	ight	Ground I	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 m3 (2.01 yd3) HD Bucket	30 900 kg	(68,100 lb)	44.1 kPa	(6.4 psi)
Reach Boom + R3.75CB2 (12'4") Stick + 1.54 m3 (2.01 yd3) HD Bucket	31 000 kg	(68,400 lb)	44.2 kPa	(6.4 psi)

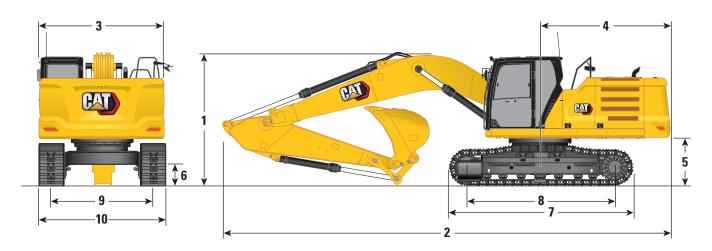
All operating weights include a 90% fuel tank with 75 kg (165 lb) operator.

## **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:		
800 mm (31") Width, 13 mm (0.51") Thick, Triple Grouser Track Shoes with Step Extension	4590	10,120
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")	1440	3,170
Reach Stick R3.75CB2 (12'4")	1610	3,500
Buckets (without linkage, with tips and side cutters):		
1.76 m³ (2.30 m³) HD, CB Linkage	1350	3,000
1.54 m3 (2.01 yd3) HD, CB Linkage	1200	2,600
1.33 m3 (1.73 yd3) HD, CB Linkage	1160	2,560
1.12 m3 (1.46 yd3) HD, CB Linkage	1040	2,290
0.91 m3 (1.19 yd3) HD, CB Linkage	950	2,090
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

### **Dimensions**

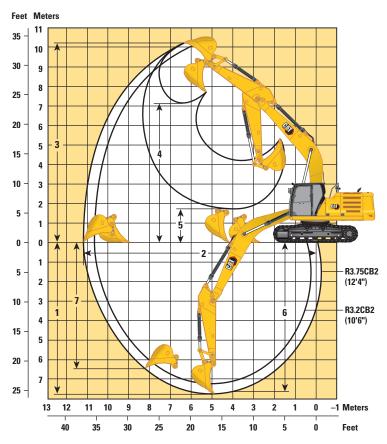
All dimensions are approximate and may vary depending on bucket selection.



Boom Options		Reach Boom 6.15 m (20'2") Reach Stick			
Stick Options					
	R3.75CB	2 (12'4")	R3.2CB2	(10'6")	
1 Machine Height:					
Cab Height	3050 mm	10'0"	3050 mm	10'0"	
OPG Height	3190 mm	10'5"	3190 mm	10'5"	
Handrail Height	3050 mm	10'0"	3050 mm	10'0"	
With Boom/Stick/Bucket Installed	3700 mm	12'1"	3400 mm	11'2"	
With Boom/Stick Installed	3700 mm	12'1"	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	9'7"	2940 mm	9'7"	
4 Tail Swing Radius	3130 mm	10'3"	3130 mm	10'3"	
5 Counterweight Clearance	1110 mm	3'7"	1110 mm	3'7"	
6 Ground Clearance	490 mm	1'7"	490 mm	1'7"	
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	2590 mm	8'6"	2590 mm	8'6"	
Track Width/Undercarriage Width:					
800 mm (31") Shoes	3390 mm	11'1"	3390 mm	11'1"	
Bucket Type	HI	HD		)	
Bucket Capacity	1.54 m³	2.01 yd <sup>3</sup>	1.54 m³	2.01 yd <sup>3</sup>	
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.

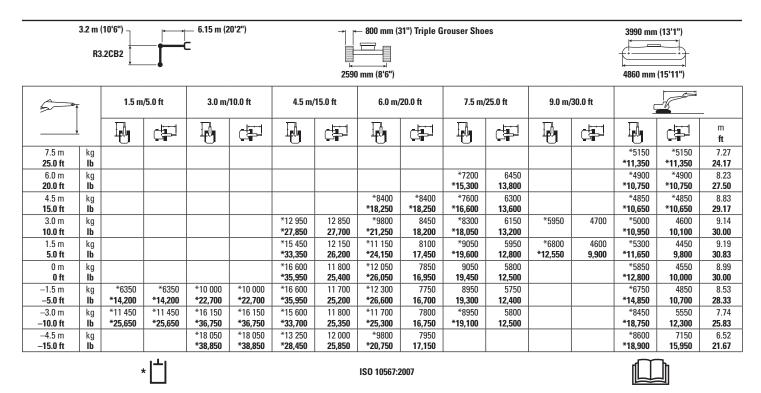


Boom Options	Reach Boom 6.15 m (20'2")						
Stick Options		Reac	n Stick				
	R3.75CB	R3.2CB2	2 (10'6")				
1 Maximum Digging Depth	7810 mm	25'7"	7260 mm	23'10"			
2 Maximum Reach at Ground Line	11 190 mm	36'8"	10 690 mm	35'1"			
3 Maximum Cutting Height	10 200 mm	33'5"	10 020 mm	32'10"			
4 Maximum Loading Height	7130 mm	23'4"	6930 mm	22'9"			
5 Minimum Loading Height	1730 mm	5'8"	2280 mm	7'6"			
<b>6</b> Maximum Depth Cut for 2440 mm (8'0") Level Bottom	7670 mm	25'1"	7100 mm	23'4"			
7 Maximum Vertical Wall Digging Depth	6470 mm	21'2"	6030 mm	19'9"			
Bucket Digging Force (ISO)	179 kN	40,240 lbf	179 kN	40,240 lbf			
Stick Digging Force (ISO)	114 kN	25,628 lbf	126 kN	28,330 lbf			
Bucket Type	Н	D	Н	D			
Bucket Capacity	1.54 m <sup>3</sup>	2.01 yd <sup>3</sup>	1.54 m³	2.01 yd <sup>3</sup>			
Bucket Tip Radius	1662 mm	5'5"	1662 mm	5'5"			

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

	3.75 m (12'4") 6.15 m (20'2") 800 mm (31") Triple Grouser Shoes										3990 mm	(13'1")				
	15.73652												4860 mm	(15'11")		
5	<u> </u>	1.5 m	/5.0 ft	3.0 m/	3.0 m/10.0 ft		) m/10.0 ft 4.5 m/15.0 ft 6.0 m/20.0 ft 7		7.5 m/	25.0 ft	9.0 m/30.0 ft					
	Ţ	P.		Į,		Į.		<b>P</b>		<b>P</b>						m <b>ft</b>
7.5 m <b>25.0 ft</b>	kg <b>Ib</b>									*5450 <b>*10.950</b>	*5450 <b>*10.950</b>			*4350 <b>*9.600</b>	*4350 <b>*9,600</b>	7.89 <b>25.89</b>
6.0 m	kg									*6500	6500			*4150	*4150	8.78
20.0 ft	lb									*14,250	13,900			*9,200	*9,200	28.81
4.5 m	kg									*7050	6350	*5500	4750	*4150	*4150	9.34
15.0 ft	lb							*16,550	*16,550	*15,350	13,600	*10,850	10,200	*9,100	*9,100	30.64
3.0 m	kg					*11 700	*11 700	*9100	8500	*7800	6100	*6750	4650	*4250	4200	9.64
10.0 ft	lb					*25,150	*25,150	*19,650	18,300	*16,950	13,150	*13,850	10,000	*9,350	9,200	31.63
1.5 m	kg					*14 500	12 200	*10 550	8100	*8600	5900	7000	4550	*4500	4100	9.69
<b>5.0 ft</b> 0 m	lb.			*6150	*6150	*31,200 *16 100	<b>26,300</b> 11 750	<b>*22,800</b> *11 650	<b>17,450</b> 7800	* <b>18,650</b> 8950	<b>12,700</b> 5750	<b>15,000</b> 6900	<b>9,800</b> 4450	<b>*9,900</b> *4950	<b>9,000</b> 4150	<b>31.79</b> 9.50
0 ft	kg <b>lb</b>			*14.050	*14.050	*34,850	25,250	*25,200	16.800	19,300	12,350	14.800	9.600	*10.850	9.100	31.17
-1.5 m	kg	*6050	*6050	*9650	*9650	*16 550	11 550	*12 100	7650	8850	5650	*6150	4450	*5650	4400	9.06
-5.0 ft	lb	*13,450	*13,450	*21,900	*21,900	*35,850	24,850	*26,250	16,450	19,050	12,150	0.00		*12,400	9,650	29.72
−3.0 m	kg	*10 050	*10 050	*14 450	*14 450	*15 950	11 550	*11 900	7600	8850	5650			*6850	4950	8.33
–10.0 ft	lb	*22,500	*22,500	*32,800	*32,800	*34,500	24,850	*25,700	16,400	19,050	12,150			*15,250	10,900	27.33
–4.5 m	kg	*15 000	*15 000	*19 950	*19 950	*14 200	11 750	*10 600	7750					*8200	6100	7.21
–15.0 ft	lb			*42,950	*42,950	*30,550	25,250	*22,700	16,650					*18,050	13,550	23.65
−6.0 m	kg					*10 350	*10 350							*8050	*8050	5.46
–20.0 ft	lb					*21,550	*21,550							*19,350	*19,350	17.91

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



<sup>\*</sup>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.

### **Bucket Specifications and Compatibility**

		Wi	dth	Сар	acity	We	eight	Fill	Reach	Boom
	Linkage	mm	in	m³	yd³	kg	lb	%	R3.75 (12'4")	R3.2 (10'6")
Pin-On (No Quick Coupler)										
General Duty Capacity	СВ	600	24	0.63	0.83	724	1,597	100	•	•
	СВ	750	30	0.86	1.13	811	1,788	100	•	•
	СВ	900	36	1.09	1.43	908	2,002	100	•	•
	СВ	1050	42	1.34	1.75	980	2,161	100	•	•
	СВ	1200	48	1.58	2.07	1072	2,363	100	•	•
	СВ	1350	54	1.83	2.40	1166	2,570	100	$\Theta$	•
General Duty Capacity – WT	СВ	600	24	0.63	0.83	749	1,652	100	•	•
	СВ	750	30	0.86	1.13	845	1,863	100	•	•
	СВ	900	36	1.09	1.43	942	2,077	100	•	•
	СВ	1050	42	1.34	1.75	1022	2,253	100	•	•
	СВ	1200	48	1.58	2.07	1123	2,475	100	•	•
	СВ	1350	54	1.83	2.40	1224	2,698	100	$\Theta$	•
leavy Duty	СВ	600	24	0.52	0.68	733	1,616	100	•	•
	СВ	750	30	0.71	0.93	851	1,876	100	•	•
	СВ	900	36	0.91	1.19	945	2,084	100	•	•
	СВ	1050	42	1.12	1.46	1041	2,295	100	•	•
	СВ	1200	48	1.33	1.74	1112	2,452	100	•	•
	СВ	1350	54	1.54	2.02	1212	2,672	100	•	•
	СВ	1500	60	1.76	2.30	1306	2,879	100	$\Theta$	•
	СВ	1650	66	1.97	2.58	1383	3,048	100	0	θ
Heavy Duty Power	СВ	1050	42	1.12	1.47	1070	2,360	100	•	•
	СВ	1200	48	1.33	1.73	1148	2,532	100	•	•
	СВ	1350	54	1.53	2.01	1253	2,762	100	•	•
Severe Duty	СВ	600	24	0.52	0.68	755	1,665	90	•	•
	СВ	750	30	0.71	0.93	915	2,017	90	•	•
	СВ	900	36	0.91	1.19	1000	2,204	90	•	•
	СВ	1050	42	1.12	1.46	1099	2,424	90	•	•
	СВ	1200	48	1.33	1.74	1177	2,596	90	•	•
					vimovim la c 4 :		ad . b.calcat\	kg	4140	4580
				IVIa	ximum load į	oin-on (paylo	aa + bucket)	lb	9,127	10,097

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/m³ (3,500 lb/yd³)
- 1800 kg/m³ (3,000 lb/yd³)
- → 1500 kg/m³ (2,500 lb/yd³)
- O 1200 kg/m³ (2,000 lb/yd³)

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.

### **Bucket Specifications and Compatibility (continued)**

		Wi	dth	Capacity		Weight		Fill	Reach Boom	
	Linkage	mm	in	m³	yd³	kg	lb	%	R3.75 (12'4")	R3.2 (10'6")
Vith Pin Grabber Quick Coupler										
General Duty Capacity	СВ	600	24	0.63	0.83	724	1,597	100	•	•
	СВ	750	30	0.86	1.13	811	1,788	100	•	•
	СВ	900	36	1.09	1.43	908	2,002	100	•	•
	СВ	1050	42	1.34	1.75	980	2,161	100	•	•
	СВ	1200	48	1.58	2.07	1072	2,363	100	•	•
	СВ	1350	54	1.83	2.40	1166	2,570	100	$\Theta$	•
General Duty Capacity – WT	СВ	600	24	0.63	0.83	749	1,652	100	•	•
	СВ	750	30	0.86	1.13	845	1,863	100	•	•
	СВ	900	36	1.09	1.43	942	2,077	100	•	•
	СВ	1050	42	1.34	1.75	1022	2,253	100	•	•
	СВ	1200	48	1.58	2.07	1123	2,475	100	•	•
	СВ	1350	54	1.83	2.40	1224	2,698	100	$\Theta$	•
Heavy Duty	СВ	600	24	0.52	0.68	733	1,616	100	•	•
	СВ	750	30	0.71	0.93	851	1,876	100	•	•
	СВ	900	36	0.91	1.19	945	2,084	100	•	•
	СВ	1050	42	1.12	1.46	1041	2,295	100	•	•
	СВ	1200	48	1.33	1.74	1112	2,452	100	•	•
	СВ	1350	54	1.54	2.02	1212	2,672	100	•	•
	СВ	1500	60	1.76	2.30	1306	2,879	100	$\Theta$	•
	СВ	1650	66	1.97	2.58	1383	3,048	100	0	$\Theta$
Heavy Duty Power	СВ	1050	42	1.12	1.47	1070	2,360	100	•	•
	СВ	1200	48	1.33	1.73	1148	2,532	100	•	•
	СВ	1350	54	1.53	2.01	1253	2,762	100	•	•
leavy Duty – PGP	СВ	750	30	0.70	0.91	879	1,938	100	•	•
	СВ	1050	42	1.08	1.42	1110	2,448	100	•	•
	СВ	1200	48	1.28	1.68	1191	2,626	100	•	•
	СВ	1350	54	1.49	1.94	1299	2,864	100	•	•
	СВ	1500	60	1.69	2.21	1406	3,099	100	$\Theta$	•
Severe Duty	СВ	600	24	0.52	0.68	755	1,665	90	•	•
	СВ	750	30	0.71	0.93	915	2,017	90	•	•
	СВ	900	36	0.91	1.19	1000	2,204	90	•	•
	СВ	1050	42	1.12	1.46	1099	2,424	90	•	•
	СВ	1200	48	1.33	1.74	1177	2,596	90	•	•
Severe Duty – PGP	СВ	600	24	0.51	0.66	832	1,835	90	•	•
	СВ	900	36	0.88	1.16	1062	2,341	90	•	•
	СВ	1050	42	1.08	1.42	1170	2,580	90	•	•
	СВ	1200	48	1.28	1.68	1257	2,772	90	•	•
			•		1 1 50			kg	3614	4054
				Maximun	n load with co	oupler (payloa	ad + bucket)	lb	7,967	8,937

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/m³ (3,500 lb/yd³)
- 1800 kg/m³ (3,000 lb/yd³)
- → 1500 kg/m³ (2,500 lb/yd³)
- O 1200 kg/m³ (2,000 lb/yd³)

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.

			1		 1		
✓	Match	*	Working range front only	No Match	1800 kg/m³ (3,000 lb/yd³)	0	1200 kg/m³ (2,000 lb/yd³)

Boom Type		Re	ach
Stick Length		R3.75 (12'4")	R3.2 (10'6")
Hydraulic Hammers	H120 S		113.2 (10 0 ) √
rrydraune riannners	H130 GC	✓	<b>√</b>
	H130 GC S	✓	<b>▼</b>
	H130 GC S	✓	<b>√</b>
	H140 GC	✓	
	H140 GC S	✓	<b>√</b>
	H140 S	✓	
	H160 GC	✓	
	H160 GC S	✓	<b>√</b>
	H160 S	✓	
Multi-Processors	MP324 Concrete Cutter Jaw	✓	<b>-</b> ✓
viuiti-i iocessors	MP324 Demolition Jaw	✓	
	MP324 Pulverizer Jaw	✓	
	MP324 Shear Jaw	✓	<b></b> ✓
	MP324 Tank Shear Jaw	✓	<b>→</b>
	MP324 Universal Jaw	✓	<b>-</b> ✓
	MP332 Concrete Cutter Jaw	✓	<b></b> ✓
	MP332 Demolition Jaw	<b>√</b> *	<b>-</b> ✓
	MP332 Pulverizer Jaw	<b>√</b> *	
	MP332 Shear Jaw	<b>→</b>	· · · · · · · · · · · · · · · · · · ·
	MP332 Tank Shear Jaw	•	
	MP332 Universal Jaw	<b>√</b> *	
Demolition and Sorting Grapples	G324	✓	
Demontion and Sorting Grappies	G324 WH-1500	✓	
	G324 WH-1800	✓	
	G324 WH-1000 G324 WH-2000	✓	
	G324 W11-2000 G332	✓	<b></b> ✓
Mobile Scrap and Demolition Shears	S3025 Flat Top	✓	
whome Scrap and Demontion Shears	S3035 Flat Top	✓	
Pulverizers	P224 Secondary Pulverizer	✓	<b></b> ✓
i uiverizers	P324 Primary Pulverizer	✓	<b>-</b> ✓
	P332 Primary Pulverizer		<b>-</b> ✓
Compactors (Vibratory Plate)	CVP110	<b>→</b>	<b>→</b>
Rotary Cutters	RC20	<u> </u>	<b>-</b> ✓
Rotary Cutters	RC30	✓	
Orange Peel Grapples	GSH425-750	•	· ·
Orange i eer Grappies	GSH425-950	•	
	GSH425-950 GSH425-1150	•	
	GSH440-950		
	GSH440-1150	0	
	GSH440-1550	<u> </u>	
	GSH525-750	•	
	GSH525-750 GSH525-950		
	GSH525-1150	0	
Clamshell Grapples	CTV15-1900	O	
Ciamonen Grappies	CTV20-1500	0	0

# Attachments Offering Guide (continued) Not all Attachments are available in all regions. Consult your Cat dealer for configurations available in your region. Match \* Working range front only | Allowed usage on machine less than 50% | No Match

Boom Type		Rea	ach
Stick Length		R3.75 (12'4")	R3.2 (10'6")
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		✓
Multi-Processors	MP324 Concrete Cutter Jaw	✓	✓
	MP324 Demolition Jaw	✓	✓
	MP324 Pulverizer Jaw	✓	✓
	MP324 Shear Jaw	✓	✓
	MP324 Tank Shear Jaw	✓	✓
	MP324 Universal Jaw	✓	✓
	MP332 Concrete Cutter Jaw		<b>√</b> *
	MP332 Shear Jaw		<b>√</b> *
Demolition and Sorting Grapples	G324	✓	<b>√</b> †
	G324 WH-1500	✓	<b>√</b> †
	G324 WH-1800		<b>√</b> †
	G332		<b>√</b> †
Mobile Scrap and Demolition Shears	S3025 Flat Top	✓	✓
Compactors (Vibratory Plate)	CVP110	✓	✓
Rotary Cutters	RC20	✓	✓
	RC30	✓	✓

<b>Attachments Offering Gui</b>	de (continued)	
Not all Attachments are availab	ole in all regions. Consult your Cat dealer for config	gurations available in your region.
✓ Match	† Allowed usage on machine less than 50%	No Match

Boom Type		Reach				
Stick Length		R3.75 (12'4")	R3.2 (10'6")			
Hydraulic Hammers	H120 S	✓	✓			
	H130 S	✓	✓			
	H140 S	✓	✓			
Multi-Processors	MP324 Concrete Cutter Jaw	✓	✓			
	MP324 Demolition Jaw	✓	✓			
	MP324 Pulverizer Jaw	✓	✓			
	MP324 Shear Jaw	✓	✓			
	MP324 Tank Shear Jaw	✓	✓			
	MP324 Universal Jaw	✓	✓			
Demolition and Sorting Grapples	G324	✓	<b>√</b> †			
	G324 WH-1500	✓	<b>√</b> †			
	G324 WH-1800	✓	<b>√</b> †			
	G324 WH-2000		<b>√</b> †			
	G332	✓	<b>√</b> †			
Mobile Scrap and Demolition Shears	S3025 Flat Top	✓	✓			
	S3035 Flat Top		✓			
Pulverizers	P224 Secondary Pulverizer	✓	✓			
	P324 Primary Pulverizer	✓	✓			
Compactors (Vibratory Plate)	CVP110	✓	✓			
Rotary Cutters	RC20	✓	✓			
	RC30	✓				

# Attachments Offering Guide (continued) Not all Attachments are available in all regions. Consult your Cat dealer for configurations available in your region. Match \* Working range front only † Allowed usage on machine less than 50% No Match

Boom Type		Reach			
Stick Length		R3.75 (12'4")	R3.2 (10'6")		
Hydraulic Hammers	H120 S	✓	✓		
	H130 GC S	✓	✓		
	H130 S	✓	✓		
	H140 GC S		✓		
	H140 S	✓	✓		
	H160 GC		✓		
	H160 GC S	✓	✓		
	H160 S		<b>√</b> †		
Multi-Processors	MP324 Concrete Cutter Jaw	✓	✓		
	MP324 Demolition Jaw	✓	✓		
	MP324 Pulverizer Jaw	✓	✓		
	MP324 Shear Jaw	✓	✓		
	MP324 Tank Shear Jaw	✓	✓		
	MP324 Universal Jaw	✓	✓		
Demolition and Sorting Grapples	G324	✓	<b>√</b> †		
	G324 WH-1500	✓	<b>√</b> †		
	G324 WH-1800		<b>√</b> †		
	G324 WH-2000		<b>√</b> †*		
	G332	<b>√</b> *	<b>√</b> †		
Mobile Scrap and Demolition Shears	S3025 Flat Top	✓	✓		
Pulverizers	P224 Secondary Pulverizer	✓	✓		
	P324 Primary Pulverizer	✓	✓		
Compactors (Vibratory Plate)	CVP110	✓	✓		
Rotary Cutters	RC20	✓	✓		
	RC30	✓	✓		

Attachments Offer	ring Guide (continued)		
Not all Attachments a	re available in all regions. Consult yo	our Cat dealer for configurations available in your	region.
✓ Match	* Working range front only	† Allowed usage on machine less than 50%	No Match

Boom Type		Reach				
Stick Length		R3.75 (12'4")	R3.2 (10'6")			
Hydraulic Hammers	H120 S	✓	✓			
	H130 S	✓	✓			
	H140 S	✓	✓			
Multi-Processors	MP324 Concrete Cutter Jaw	✓	✓			
	MP324 Demolition Jaw	✓	✓			
	MP324 Pulverizer Jaw	✓	✓			
	MP324 Shear Jaw	✓	✓			
	MP324 Tank Shear Jaw	✓	✓			
	MP324 Universal Jaw	✓	✓			
Demolition and Sorting Grapples	G324	✓	<b>√</b> †			
	G324 WH-1500	✓	<b>√</b> †			
	G324 WH-1800		<b>√</b> †			
	G324 WH-2000		<b>√</b> †			
	G332	<b>√</b> *	<b>√</b> †			
Mobile Scrap and Demolition Shears	S3025 Flat Top	✓	✓			
	S3035 Flat Top		✓			
Pulverizers	P224 Secondary Pulverizer	✓	✓			
	P324 Primary Pulverizer	✓	✓			
Compactors (Vibratory Plate)	CVP110	✓	✓			
Rotary Cutters	RC20	✓	✓			
	RC30	✓	✓			

# Attachments Offering Guide (continued) Not all Attachments are available in all regions. Consult your Cat dealer for configurations available in your region. Match \* Working range front only † Allowed usage on machine less than 50% No Match

Boom Type	Reach			
Stick Length		R3.75 (12'4")	R3.2 (10'6")	
Hydraulic Hammers	H120 S	✓	✓	
	H130 S	✓	✓	
	H140 S	✓	✓	
Multi-Processors	MP324 Concrete Cutter Jaw	✓	✓	
	MP324 Demolition Jaw	✓	✓	
	MP324 Pulverizer Jaw	✓	✓	
	MP324 Shear Jaw	✓	✓	
	MP324 Tank Shear Jaw	✓	✓	
	MP324 Universal Jaw	✓	✓	
Demolition and Sorting Grapples	G324	✓	<b>√</b> †	
	G324 WH-1500	✓	<b>√</b> †	
	G324 WH-1800		<b>√</b> †	
	G324 WH-2000		<b>√</b> †*	
	G332	<b>√</b> *	<b>√</b> †	
Mobile Scrap and Demolition Shears	S3025 Flat Top	✓	✓	
Pulverizers	P224 Secondary Pulverizer	✓	✓	
	P324 Primary Pulverizer	✓	✓	
Compactors (Vibratory Plate)	CVP110	✓	✓	
Rotary Cutters	RC20	✓	✓	
	RC30	✓	✓	

Attachments Offering Guide (continued)				
Not all Attachments a	re available in all regions. Consult yo	our Cat dealer for configurations available in your	region.	
✓ Match	* Working range front only	† Allowed usage on machine less than 50%	No Match	

om Type Reach			ach	
Stick Length		R3.75 (12'4")	R3.2 (10'6")	
Hydraulic Hammers	H120 S	✓	✓	
	H130 S	✓	✓	
	H140 S	✓	✓	
	H160 S		<b>√</b> †	
Multi-Processors	MP324 Concrete Cutter Jaw	✓	✓	
	MP324 Demolition Jaw	✓	✓	
	MP324 Pulverizer Jaw	<b>√</b> *	✓	
	MP324 Shear Jaw	✓	✓	
	MP324 Tank Shear Jaw	✓	✓	
	MP324 Universal Jaw	✓	✓	
Demolition and Sorting Grapples	G324	✓	<b>√</b> †	
	G324 WH-1500	✓	<b>√</b> †	
	G324 WH-1800		<b>√</b> †	
	G332		<b>√</b> †	
Mobile Scrap and Demolition Shears	S3025 Flat Top	✓	✓	
Pulverizers	P224 Secondary Pulverizer		✓	
	P324 Primary Pulverizer	<b>√</b> *	✓	
Compactors (Vibratory Plate)	CVP110	✓	✓	
Rotary Cutters	RC20	✓	✓	
	RC30	✓	✓	

BOOM-MOUNT ATTACHMENTS				
Boom Type		Reach		
Mobile Scrap and Demolition Shears	S2070	✓		
	S3050 Flat Top	✓		

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

✓	Match		No Match
---	-------	--	----------

				Pro	Plus	P	Pro	Still	Link	Ut	ility
	Tooth	Wie	dth		Cat Pin		Cat Pin		Cat Pin		Cat Pin
Bucket Type	Quantity	mm	in	Pin-0n	Grabber	Pin-0n	Grabber	Pin-On	Grabber	Pin-On	Grabber
General Duty	5	902	36	✓	✓	✓	✓	✓	✓	✓	<b>√</b>
	5	1056	42	✓	✓	✓	✓	✓	✓	✓	✓
	6	1208	48	✓	✓	✓	✓	✓	✓	✓	✓
	7	1350	54	✓	✓	✓	✓	✓	✓	✓	✓
Heavy Duty	4	902	36	✓	✓	✓	✓	✓	✓	✓	✓
	5	1056	42	✓	✓	✓	✓	✓	✓	✓	✓
	5	1208	48	✓	✓	✓	✓	✓	✓	✓	✓
	6	1350	54	✓	✓	✓	✓	✓	✓	✓	✓
	7	1500	60	✓	✓	✓	✓	✓	✓	✓	✓
	7	1650	66	✓	✓	✓	✓	✓	✓	✓	✓
Heavy Duty Power	5	1080	42		✓			✓	✓	✓	✓
	5	1232	48	✓	✓	✓	✓	✓	✓	✓	✓
	6	1384	54	✓	✓			✓	✓	✓	✓
Severe Duty	4	902	36	✓	✓	✓	✓	✓	✓	✓	<b>√</b>
	5	1056	42	✓	✓	✓	✓	✓	✓	✓	✓
	5	1208	48	✓	✓	✓	✓	✓	✓	✓	✓
Pin Grabber Performance (HD)	5	1208	48		✓		✓			✓	✓
	6	1350	54		✓		✓			✓	<b>√</b>
	7	1500	60							✓	✓
Pin Grabber Performance (SD)	4	902	36							✓	✓
	5	1056	42		✓					✓	<b>√</b>

# **330 GC Standard and Optional Equipment**

## **Standard and Optional Equipment**

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	✓	
Air-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 <sup>TM</sup>	<b>√</b> 1	
Remote Flash	✓	

<sup>1</sup>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 de-rate	✓	
−18° C (0° F) cold start capability	✓	
−32° C (−25° 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	✓	
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)	<b>√</b>	

# **330 GC Standard and Optional Equipment**

## 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	✓	
3.2 m (10'6") Reach stick		✓
3.75 m (12'4") Reach stick		✓
Bucket linkage, CB2 family with lifting eye	✓	
UNDERCARRIAGE AND STRUCTURES		
Segmented track guiding guards	✓	
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	✓	
800 mm (31") 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) and Right Hand (RH) boom lights, cab lights	<b>√</b>	

	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 <sup>SM</sup> ports	✓	
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	✓	
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	✓	
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**

- LH/RH electrical pedal (two-way) for tool control
- · Dual exit rear window kit
- 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**

- · Bluetooth receiver
- Dual exit rear window
- 75 mm (3") retractable seat belt

#### **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)
- Mesh guard lower half front
- 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<sub>2</sub> 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<sup>TM</sup> 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%

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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AEXQ4017-01 (11-2025) Replaces AEXQ4017-00 Build Number: 07H (N Am)

