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317 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® C3.6	
Net Power		
ISO 9249	98.9 kW	133 hp
ISO 9249 (DIN)	134 hp (met	tric)
Engine Power		
ISO 14396	100 kW	134 hp
ISO 14396 (DIN)	136 hp (met	tric)
Bore	98 mm	4 in
Stroke	120 mm	5 in
Displacement	3.6 L	220 in ³
Biodiesel Capability	Up to B20 ⁽¹⁾)

- Meets U.S. EPA Tier 4 Final, EU Stage V, and Japan 2014 emission standards.
- No engine power derate required below 3000 m (9,840 ft) altitude.
- · 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) or ULSD blended with the following lower-carbon intensity fuels** up to:
 - ✓ 20% biodiesel FAME (fatty acid methyl ester)*
 - ✓ 100% renewable diesel, HVO (hydrotreated vegetable oil) and GTL (gas-to-liquid) fuels

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

- *Engines with no aftertreatment devices can use higher blends, up to 100% biodiesel (for use of blends higher than 20% biodiesel, consult your Cat dealer).
- **Tailpipe greenhouse gas emissions from lower-carbon intensity fuels are essentially the same as traditional fuels.

Swing Mechanism		
Swing Speed	8.7 rpm	
Maximum Swing Torque	64.6 kN⋅m	47,647 lbf·ft
Weights		

17 100 kg

37,800 lb

• Long undercarriage, Reach boom, R2.6 (8'6") stick, General Duty (GD) 0.65 m³ (0.85 yd³) bucket, 500 mm (20") triple grouser shoes and 3.25 mt (7,165 lb) counterweight.

Track		
Standard Track Shoes Width	500 mm	20 in
Optional Track Shoes Width	600 mm	24 in
Optional Track Shoes Width	700 mm	28 in
Number of Shoes (each side)	44	
Number of Track Rollers (each side)	7	
Number of Carrier Rollers (each side)	2	

Drive				
Gradeability	35°/70%			
Maximum Travel Speed	5.3 km/h	3.3 mph		
Maximum Drawbar Pull	157 kN	35,295 lbf		
Hydraulic System				
Main System – Maximum Flow – Implement	296 L/min	78 gal/min		
Maximum Pressure – Equipment	35 000 kPa	5,076 psi		
Maximum Pressure – Travel	35 000 kPa	5,076 psi		
Maximum Pressure – Swing	25 800 kPa	3,741 psi		
Boom Cylinder – Bore	110 mm	4.3 in		
Boom Cylinder – Stroke	1193 mm	47.0 in		
Stick Cylinder – Bore	120 mm	5.5 in		
Stick Cylinder – Stroke	1331 mm	52.4 in		
Bucket Cylinder – Bore	105 mm	4.1 in		
Bucket Cylinder – Stroke	1039 mm	40.9 in		
Service Refill Capacities				
Fuel Tank Capacity	271 L	71.6 gal		
Cooling System	22 L	5.8 gal		
Engine Oil	11 L	2.9 gal		
Final Drive (each)	6 L	1.6 gal		
Hydraulic System (including tank)	94 L	24.8 gal		
Hydraulic Tank	87 L	23.0 gal		
Diesel Exhaust Fluid (DEF) Tank	22 L	5.9 gal		
Standards				
Brakes	ISO 10265:2	008		
Cab/Rollover Protective Structure (ROPS)	ISO 12117-2	:2008		
Cab/Operator Protective Guards (OPG) (optional)	ISO 10262:1998			
Sound Performance				
ISO 6395:2008 (external)	101 dB(A)			
ISO 6396:2008 (inside cab)	72 dB(A)			

Sound Performance		
ISO 6395:2008 (external)	101 dB(A)	
ISO 6396:2008 (inside cab)	72 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 Weight

Operating Weights and Ground Pressures

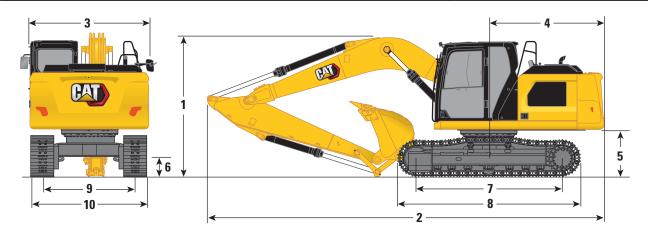
		m (20") user Shoes		600 mm (24") 600 mm (24") Triple Grouser Shoes Rubber Track Shoes		700 mm (28") Triple Grouser Shoes		
Base Machine Configurations	Weight	Ground Pressure	Weight	Ground Pressure	Weight	Ground Pressure	Weight	Ground Pressure
Base machine with 3.25 mt (7,165 lb) Counterweight and Long Undercarriage	kg (lb)	kPa (psi)	kg (lb)	kPa (psi)	kg (lb)	kPa (psi)	kg (lb)	kPa (psi)
Reach Boom + R2.6 (8'6") Stick + 0.65 m ³ (0.85 yd ³) General Duty Excavtion (GDX) Bucket	17 100 (37,800)	48.7 (7.1)	17 400 (38,300)	41.1 (6.0)	17 700 (39,100)	42.0 (6.1)	17 600 (38,800)	35.7 (5.2)
Base machine with 3.77 mt (8,311 lb) Counterweight and Long Undercarriage								
Reach Boom + R2.6 (8'6") Stick + 0.65 m ³ (0.85 yd ³) GDX Bucket	17 600 (38,900)	50.1 (7.3)	17 900 (39,400)	42.3 (6.1)	18 200 (40,200)	43.2 (6.3)	18 100 (39,900)	36.7 (5.3)

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

Major Component Weights

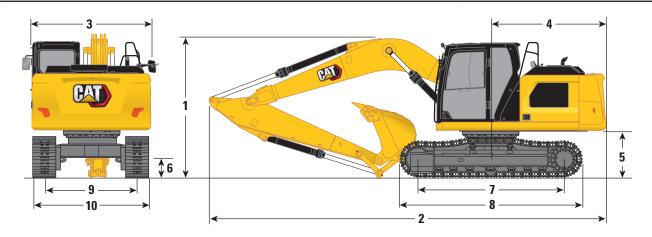
Note Note		kg	lb
With 3.77 mt (8,311 lb) Counterweight 12 200 26,90 Track Shoes: 500 mm (20") Triple Grouser Track Shoes 2110 4,66 600 mm (24") Triple Grouser Track Shoes 2340 5,16 600 mm (24") Rubber Track Shoes 2710 5,98 700 mm (28") Triple Grouser Track Shoes with Additional Steps 2580 5,68 Iwo Boom Cylinders 300 66 Weight of 90% Fuel Tank and 75 kg (165 lb) Operator 300 66 Counterweights: 325 mt (7,165 lb) Counterweight 325 mt (7,165 lb) Counterweight 3770 8,31 Swing Frame 1700 3,76 8,00 8,00 Undercarriage: 388 390 8,60 8,60 Boom (including lines, pins, stick cylinder): 8,00 8,60 Reach Boom 5.1 m (169") 320 2,91 Stick (including lines, pins, bucket cylinder, bucket linkage): 810 1,78 Reach Stick R2.6 (8"6") 810 1,83 Bucket (without linkage): 600 1,33 0.65 m² (0.85 yd²) GDX Bucket 600 1,45 <	Base Machine (with counterweight, upper frame, long undercarriage – does not include boom, stick, bucket, boom cylinders, stick cylinder, bucket cylinders, tracks, 90% fuel tank and 75 kg [165 lb] operator).		
Track Shoes: 2110 4,66 600 mm (20") Triple Grouser Track Shoes 2340 5,16 600 mm (24") Rubber Track Shoes 2710 5,98 700 mm (28") Triple Grouser Track Shoes with Additional Steps 2580 5,68 Two Boom Cylinders 300 67 Weight of 90% Fuel Tank and 75 kg (165 lb) Operator 300 66 Counterweights: 3.25 mt (7,165 lb) Counterweight 325 0 7,16 3.77 mt (8,311 lb) Counterweight 3770 8,31 Swing Frame 1700 3,76 Undercarriage: 38e Frame with Long Undercarriage 3900 8,60 Boom (including lines, pins, stick cylinder): 3900 8,60 Reach Boom 5.1 m (169") 1320 2,91 Stick (including lines, pins, bucket cylinder, bucket linkage): 810 1,78 Reach Stick R2.6 (8'6") 810 1,78 Bucket (without linkage): 600 1,43 0.65 m³ (0.85 yd³) GDX Bucket 600 1,43 Quick Coupler: 660 1,45	With 3.25 mt (7,165 lb) Counterweight	11 680	25,750
500 mm (20") Triple Grouser Track Shoes 2110 4,66 600 mm (24") Triple Grouser Track Shoes 2340 5,16 600 mm (24") Rubber Track Shoes 2710 5,98 700 mm (28") Triple Grouser Track Shoes with Additional Steps 2580 5,68 Two Boom Cylinders 300 67 Weight of 90% Fuel Tank and 75 kg (165 lb) Operator 300 66 Counterweights: 325 7,16 3.25 mt (7,165 lb) Counterweight 3250 7,16 3.77 mt (8,311 lb) Counterweight 3770 8,31 Swing Frame 1700 3,76 Undercarriage: 3900 8,60 Base Frame with Long Undercarriage 3900 8,60 Boom (including lines, pins, stick cylinder): 390 2,91 Stick (including lines, pins, bucket cylinder, bucket linkage): 810 1,78 Bucket (without linkage): 810 1,78 Bucket (without linkage): 600 1,33 0.65 m³ (0.85 yd³) GDX Bucket 600 1,45 Quick Coupler:	With 3.77 mt (8,311 lb) Counterweight	12 200	26,900
600 mm (24") Triple Grouser Track Shoes 2340 5,16 600 mm (24") Rubber Track Shoes 2710 5,98 700 mm (28") Triple Grouser Track Shoes with Additional Steps 2580 5,68 Two Boom Cylinders 300 67 Weight of 90% Fuel Tank and 75 kg (165 lb) Operator 300 66 Counterweights: 3.25 mt (7,165 lb) Counterweight 3250 7,16 3.77 mt (8,311 lb) Counterweight 3770 8,31 Swing Frame 1700 3,76 Undercarriage: 3900 8,60 Boom (including lines, pins, stick cylinder): 3900 8,60 Reach Boom 5.1 mt (169") 1320 2,91 Stick (including lines, pins, bucket cylinder, bucket linkage): 810 1,78 Bucket (without linkage): 600 1,33 0.65 m³ (0.85 yd³) GDX Bucket 600 1,33 0.80 m³ (1.05 yd³) GDX Bucket 660 1,45 Quick Coupler:	Track Shoes:		
Counterweights 250	500 mm (20") Triple Grouser Track Shoes	2110	4,660
700 mm (28") Triple Grouser Track Shoes with Additional Steps 5,68 Two Boom Cylinders 300 67 Weight of 90% Fuel Tank and 75 kg (165 lb) Operator 300 66 Counterweights: 3.25 mt (7,165 lb) Counterweight 3250 7,16 3.77 mt (8,311 lb) Counterweight 3770 8,31 Swing Frame 1700 3,76 Undercarriage: 3900 8,60 Base Frame with Long Undercarriage 3900 8,60 Boom (including lines, pins, stick cylinder): 320 2,91 Stick (including lines, pins, bucket cylinder, bucket linkage): 810 1,78 Bucket (without linkage): 600 1,33 0.65 m³ (0.85 yd³) GDX Bucket 600 1,33 0.80 m³ (1.05 yd³) GDX Bucket 660 1,45 Quick Coupler:	600 mm (24") Triple Grouser Track Shoes	2340	5,160
Two Boom Cylinders 300 67 Weight of 90% Fuel Tank and 75 kg (165 lb) Operator 300 66 Counterweights: 3.25 mt (7,165 lb) Counterweight 3250 7,16 3.77 mt (8,311 lb) Counterweight 3770 8,31 Swing Frame 1700 3,76 Undercarriage: 3900 8,60 Boom (including lines, pins, stick cylinder): 3900 8,60 Reach Boom 5.1 m (16'9") 1320 2,91 Stick (including lines, pins, bucket cylinder, bucket linkage): 810 1,78 Bucket (without linkage): 600 1,33 0.65 m³ (0.85 yd³) GDX Bucket 600 1,33 0.80 m³ (1.05 yd³) GDX Bucket 660 1,45 Quick Coupler:	600 mm (24") Rubber Track Shoes	2710	5,980
Weight of 90% Fuel Tank and 75 kg (165 lb) Operator 300 66 Counterweights: 3.25 mt (7,165 lb) Counterweight 3250 7,16 3.77 mt (8,311 lb) Counterweight 3770 8,31 Swing Frame 1700 3,76 Undercarriage: 3900 8,60 Boom (including lines, pins, stick cylinder): 3900 8,60 Reach Boom 5.1 m (169") 1320 2,91 Stick (including lines, pins, bucket cylinder, bucket linkage): 810 1,78 Reach Stick R2.6 (8'6") 810 1,78 Bucket (without linkage): 600 1,33 0.80 m³ (0.85 yd³) GDX Bucket 600 1,33 0.80 m³ (1.05 yd³) GDX Bucket 660 1,45 Quick Coupler:	700 mm (28") Triple Grouser Track Shoes with Additional Steps	2580	5,680
Counterweights: 3.25 mt (7,165 lb) Counterweight 3250 7,16 3.77 mt (8,311 lb) Counterweight 3770 8,31 Swing Frame 1700 3,76 Undercarriage: 888 Frame with Long Undercarriage 3900 8,60 Boom (including lines, pins, stick cylinder): 860 1,320 2,91 Stick (including lines, pins, bucket cylinder, bucket linkage): 810 1,78 Bucket (without linkage): 600 1,33 0.80 m³ (0.85 yd³) GDX Bucket 600 1,33 0.80 m³ (1.05 yd³) GDX Bucket 660 1,45 Quick Coupler:	Two Boom Cylinders	300	670
3.25 mt (7,165 lb) Counterweight 3250 7,166 3.77 mt (8,311 lb) Counterweight 3770 8,31	Weight of 90% Fuel Tank and 75 kg (165 lb) Operator	300	660
3.77 mt (8,311 lb) Counterweight 3770 8,31	Counterweights:		
Swing Frame 1700 3,76 Undercarriage: 3900 8,60 Boom (including lines, pins, stick cylinder): 1320 2,91 Stick (including lines, pins, bucket cylinder, bucket linkage): 810 1,78 Bucket (without linkage): 0.65 m³ (0.85 yd³) GDX Bucket 600 1,33 0.80 m³ (1.05 yd³) GDX Bucket 660 1,45 Quick Coupler:	3.25 mt (7,165 lb) Counterweight	3250	7,165
Undercarriage: Base Frame with Long Undercarriage Boom (including lines, pins, stick cylinder): Reach Boom 5.1 m (16'9") Stick (including lines, pins, bucket cylinder, bucket linkage): Reach Stick R2.6 (8'6") Bucket (without linkage): 0.65 m³ (0.85 yd³) GDX Bucket 0.80 m³ (1.05 yd³) GDX Bucket Quick Coupler:	3.77 mt (8,311 lb) Counterweight	3770	8,31
Base Frame with Long Undercarriage 3900 8,60	Swing Frame	1700	3,760
Boom (including lines, pins, stick cylinder): Reach Boom 5.1 m (16'9") Stick (including lines, pins, bucket cylinder, bucket linkage): Reach Stick R2.6 (8'6") Bucket (without linkage): 0.65 m³ (0.85 yd³) GDX Bucket 0.80 m³ (1.05 yd³) GDX Bucket Quick Coupler:	Undercarriage:		
Reach Boom 5.1 m (16'9") 1320 2,91 Stick (including lines, pins, bucket cylinder, bucket linkage): Reach Stick R2.6 (8'6") 810 1,78 Bucket (without linkage): 0.65 m³ (0.85 yd³) GDX Bucket 600 1,33 0.80 m³ (1.05 yd³) GDX Bucket 660 1,45 Quick Coupler:	Base Frame with Long Undercarriage	3900	8,600
Stick (including lines, pins, bucket cylinder, bucket linkage): Reach Stick R2.6 (8'6") 810 1,78 Bucket (without linkage): 0.65 m³ (0.85 yd³) GDX Bucket 600 1,33 0.80 m³ (1.05 yd³) GDX Bucket 660 1,45 Quick Coupler:	Boom (including lines, pins, stick cylinder):		
Reach Stick R2.6 (8'6") 810 1,78 Bucket (without linkage): 0.65 m³ (0.85 yd³) GDX Bucket 600 1,33 0.80 m³ (1.05 yd³) GDX Bucket 660 1,45 Quick Coupler:	Reach Boom 5.1 m (16'9")	1320	2,910
Bucket (without linkage): 0.65 m³ (0.85 yd³) GDX Bucket 0.80 m³ (1.05 yd³) GDX Bucket 660 1,45 Quick Coupler:	Stick (including lines, pins, bucket cylinder, bucket linkage):		
0.65 m³ (0.85 yd³) GDX Bucket 600 1,33 0.80 m³ (1.05 yd³) GDX Bucket 660 1,45 Quick Coupler:	Reach Stick R2.6 (8'6")	810	1,780
0.80 m³ (1.05 yd³) GDX Bucket 660 1,45 Quick Coupler: 1,45	Bucket (without linkage):		
Quick Coupler:	0.65 m³ (0.85 yd³) GDX Bucket	600	1,330
· · · · · · · · · · · · · · · · · · ·	0.80 m³ (1.05 yd³) GDX Bucket	660	1,455
Pin Grabber Quick Coupler 260 58	Quick Coupler:		
	Pin Grabber Quick Coupler	260	580

Dimensions



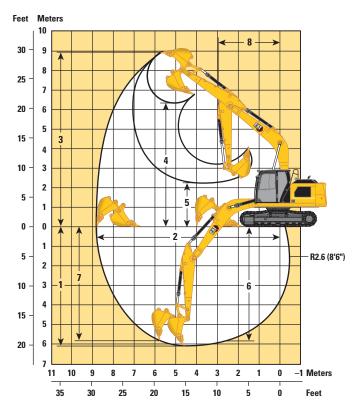
Boom Option	Reach Boom 5.1 m (16'9")			
Stick Option	Reach (R2.6 (8			
1 Machine Height:				
Top of Cab Height	2930 mm	9'7"		
Top of OPG Height	3070 mm	10'1"		
Handrail Height	2940 mm	9'8"		
With Boom/Stick/Bucket Installed (with stick cylinder lines)	3030 mm	9'9"		
With Boom/Stick Installed (with stick cylinder lines)	2940 mm	9'5"		
With Boom Installed (with stick cylinder lines)	2520 mm	8'3"		
Machine Height (with 600 mm [24"] rubber track shoes):				
Top of Cab Height	2990 mm	9'9"		
Top of OPG Height	3130 mm	10'3"		
Handrails Height	3000 mm	9'10"		
With Boom/Stick/Bucket Installed (with stick cylinder lines)	3050 mm	10'0"		
With Boom/Stick Installed (with stick cylinder lines)	2960 mm	9'7"		
With Boom Installed (with stick cylinder lines)	2550 mm	8'4"		
2 Machine Length (without blade):				
With Boom/Stick/Bucket Installed (with stick cylinder lines)	8560 mm	28'1"		
With Boom/Stick Installed (with stick cylinder lines)	8530 mm	27'11"		
With Boom Installed (with stick cylinder lines)	7630 mm	25'0"		
2 Machine Length (with blade, blade rear):				
With Boom/Stick/Bucket Installed (with stick cylinder lines)	8600 mm	28'2"		
With Boom/Stick Installed (with stick cylinder lines)	8570 mm	28'1"		
With Boom Installed (with stick cylinder lines)	7670 mm	25'2"		
Bucket Type	GD			
Bucket Capacity	0.65 m ³	0.85 yd ³		
Bucket Tip Radius	1375 mm	4'5"		

Dimensions



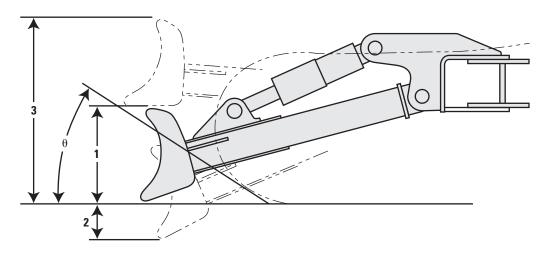
Boom Option	Reach B	oom			
	5.1 m (16'9")				
tick Option	Reach S R2.6 (8				
3 Upperframe Width	2540 mm	8'4"			
4 Tail Swing Radius:					
3.25 mt (7,165 lb) Counterweight	2500 mm	8'2"			
3.77 mt (8,311 lb) Counterweight	2500 mm	8'2"			
5 Counterweight Clearance	1010 mm	3'4"			
6 Ground Clearance	430 mm	1'5"			
7 Length to Center of Rollers	3170 mm	10'5"			
8 Track Length	3970 mm	13'0"			
9 Track Gauge	1990 mm	6'6"			
10 Undercarriage Width:					
500 mm (20") Shoes	2490 mm	8'2"			
600 mm (24") Shoes	2590 mm	8'6"			
700 mm (28") Shoes (with steps)	2690 mm	8'10"			
Bucket Type	GD	1			
Bucket Capacity	0.65 m ³	0.85 yd ³			
Bucket Tip Radius	1375 mm	4'5"			

Working Ranges and Forces



Boom Option	Reach Boom 5.1 m (16'9")			
Stick Option		Stick (8'6")		
1 Maximum Digging Depth	6070 mm	19'11"		
2 Maximum Reach at Ground Line	8760 mm	28'9"		
3 Maximum Cutting Height	8950 mm	29'4"		
4 Maximum Loading Height	6310 mm	20'8"		
5 Minimum Loading Height	2320 mm	7'7"		
6 Maximum Depth Cut for 2440 mm (8'0") Level Bottom	5880 mm	19'3"		
7 Maximum Vertical Wall Digging Depth	5850 mm	19'2"		
8 Minimum Working Equipment Radius	2980 mm	9'9"		
Bucket Digging Force (ISO)	124 kN	27,880 lbf		
Stick Digging Force (ISO)	80 kN	17,980 lbf		
Bucket Type	GD			
Bucket Capacity	0.65 m ³	0.85 yd ³		
Bucket Tip Radius	1375 mm	4'5"		

Blade Working Ranges



Blade Working Ranges	Blade			
Blade Options	2500 n (8'2"			
1 Blade Height	614 mm	2'0"		
2 Maximum Lowering Depth from Ground	518 mm	1'8"		
3 Maximum Raising Height above Ground	976 mm 3'2"			
A Approach Angle	23 5°			

Bucket Specifications and Compatibility

									3.25 mt (7,165 lb) Counterweight	3.77 mt (8,311 lb) Counterweight
		Width Capacity		acity	Weight		Fill	Reach Boom	Reach Boom	
	Linkage	mm	in	m³	yd³	kg	lb	%	R2.6 (8'6")	R2.6 (8'6")
Pin-On (No Quick Coupler)										
General Duty – Excavation	316	950	37	0.65	0.85	553	1,218	100	•	•
	316	1100	43	0.80	1.04	612	1,349	100	•	•
			Maxi	mum load	with pin-or	n (payload	+ bucket)	kg	2280	2510
								lb	5,035	5,523
With Cat Pin Grabber Coupler										
General Duty – Excavation	316	950	37	0.65	0.85	553	1,218	100	•	•
	316	1100	43	0.80	1.04	612	1,349	100	•	•
			Maxim	um load w	ith couple	r (payload	+ bucket)	kg	2084	2305
								lb	4,595	5,082

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.

Maximum Material Density:

- 2100 kg/m³ (3,500 lb/yd³)
- 1800 kg/m³ (3,000 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.

✓ Match

Counterweight		3.25 mt (7,165 lb)	3.77 mt (8,311 lb
Boom Type		Reach Boom	Reach Boom
Stick Length		R2.6 (8'6")	R2.6 (8'6")
Hydraulic Hammers	H110 S	✓	✓
	H115 S	✓	✓
	H120 S	✓	✓
Rotary Cutters	RC15	✓	✓

Counterweight Boom Type		3.25 mt (7,165 lb)	3.77 mt (8,311 lb)
		Reach Boom	Reach Boom
Stick Length		R2.6 (8'6")	R2.6 (8'6")
Hydraulic Hammers	H110 S	✓	✓
	H115 S	✓	✓
	H120 S	✓	✓
Rotary Cutters	RC15	✓	✓

TRS14 (PIN-ON TOP/HCS65 BOTTOM) ATTACHMENTS

Some attachments require more hydraulic flow and are best suited with a machine that has HP2 circuits and a tiltrotator with a high flow swivel. Check the hydraulic capability of your machine and tiltrotator and the requirements of your attachment to ensure a proper match.

Counterweight		3.25 mt (7,165 lb)	3.77 mt (8,311 lb)
Boom Type		Reach Boom	Reach Boom
Stick Length		R2.6 (8'6")	R2.6 (8'6")
Hydraulic Hammers	H110 S	✓	✓
	H115 S	✓	✓

NOTE: Use hammers on tiltrotators less than 10% of working hours per year or maximum 200 hours per year. Refer to your Operation and Maintenance Manual for recommended hydraulic flow requirements.

Standard and Optional Equipment

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

	Standard	Optional
BOOMS, STICKS AND LINKAGES		
5.1 m (16'9") Reach boom	✓	
2.6 m (8'6") Reach stick	✓	
Bucket linkage, without lifting eye,	✓	
Cat Grade		
CAT TECHNOLOGY		
Cat Equipment Management:		
- VisionLink®	√ 1	
- VisionLink Productivity		√ 2
- Remote Flash	✓	
- Remote Troubleshoot	✓	
- Work tool recognition and tracking (PL161)	✓	
- Operator Coaching		√3
Cat Grade:		
-Cat Grade with 2D	✓	
- Cat Grade with 2D with Attachment Ready Option (ARO)		✓
-Laser catcher		✓
- Cat Grade with 3D (single or dual Global Navigation Satellite System [GNSS])		✓
- Compatible with 3D grade systems from Trimble, Topcon, and Leica	✓	
-Cat Grade 3D Ready		✓
- Cat Grade Connectivity		✓2
Cat Assist:		
- Grade Assist	✓	
- Boom Assist	✓	
- Bucket Assist	✓	
-Swing Assist	✓	
– Lift Assist	✓	
Cat Payload:		
-On-the-go weighing	✓	
- Semiautomatic calibration	✓	
- Payload/cycle information	✓	
- VisionLink Productivity back office reporting		✓2
Cat Advanced Payload:		
– Daily totals		✓
-Custom lists		✓
-Smart weight target		✓
-E-ticket Integration		✓2
Other:		
Cat Tiltrotator (TRS) integration		✓

	Standard	Optional
ELECTRICAL SYSTEM		
Maintenance free battery	✓	
Centralized electrical disconnect switch	✓	
Programmable time-delay LED	✓	
working lights		
LED chassis and left-side boom light – 1,800 lumens	✓	
LED right-side boom light and cab		✓
lights – 1,800 lumens		
360° lighting		✓
ENGINE		
Cat® C3.6 single turbo diesel engine	✓	
Three selectable modes: Power, Smart, Eco	✓	
One-touch low idle with automatic engine speed control	✓	
Auto engine idle shutdown	✓	
–18° C (0° F) cold start capability		✓
−25° C (−13° F) cold start capability		✓
Two-stage fuel filtration system with water separator and indicator	✓	
Sealed double element air filter with	✓	
integrated pre-cleaner	•	
Electric fuel priming pump	✓	
Electric cooling fans	✓	
HYDRAULIC SYSTEM		
Electronic main control valve	✓	
Single type electronic main pump	✓	
Boom and stick regeneration circuits	✓	
Boom and stick drift reduction valve	✓	
Automatic hydraulic oil warm up	✓	
Automatic two-speed travel	✓	
Element type main hydraulic filter	✓	
Hydraulic efficiency monitoring		✓

¹Provides 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.

 $^{2}\mbox{\sc VisionLink}$ subscription required. Consult your Cat dealer for details.

(continued on next page)

³VisionLink subscription required for back office reporting. Consult your Cat dealer for details.

Standard and Optional Equipment (continued)

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

	Standard	Optional
SAFETY AND SECURITY		
Rear and right-side-view cameras	✓	
360° visibility		✓
Ground level accessible secondary engine shutoff switch in cab	✓	
Service platform with anti-skid plate and countersunk bolts	✓	
Signaling/warning horn	✓	
Swing alarm		✓
Hydraulic lock out lever	✓	
Inspection lighting		✓
2D E-Fence: - E-ceiling - E-floor - E-swing - E-wall - E-cab avoidance	√	
Auto hammer stop	✓	
SERVICE AND MAINTENANCE		
Side entry to service platform	✓	
Grouped engine oil and fuel filters	✓	
Ground level engine oil dipstick	✓	
Lockable disconnect switch	✓	
Scheduled Oil Sampling (S·O·S SM) ports	✓	
Integrated vehicle health management system	✓	

	Standard	Optional
UNDERCARRIAGE AND STRUCTURES		
500 mm (20") triple grouser track shoes		✓
600 mm (24") triple grouser track shoes		✓
600 mm (24") rubber track shoes		✓
700 mm (28") triple grouser track shoes with additional steps		✓
Grease lubricated track link	✓	
Center track guiding guard		✓
Two-piece segmented track guiding guard		✓
Bottom without swivel guard	✓	
Travel motor guards	✓	
3.25 mt (7,165 lb) counterweight	✓	
3.77 mt (8,311 lb) counterweight		✓
Tie-down points	✓	

Dealer Installed Kits and Attachments

Attachments may vary. Consult your Cat dealer for details.

CAB

- · Radial lower wiper
- Left-hand and right-hand electrical pedal (two-way) for tool control
- Dual exit rear window kit
- Rain protector plus cab light cover
- Front windshield laminated glass (P5A glass, EU demolition regulation)
- Key fob (for use with Bluetooth receiver)

SAFETY AND SECURITY

• 76 mm (3") retractable seat belt

GUARDS

- OPG (not compatible with cab light cover, rain protector
- Mesh guard full front (not compatible with cab light cover, rain protector)
- Mesh guard lower front half
- Full protecting vandalism guard

Cab Options

	Comfort	Deluxe
ROPS	•	
Operator Protective Guards (OPG)	0	0
High-resolution 203 mm (8") LCD touchscreen monitor*	•	Х
High-resolution 254 mm (10") LCD touchscreen monitor**	0	•
Auto bi-level air conditioner	•	•
Jog dial and shortcut keys for monitor control	•	•
Keyless push-to-start engine control	•	•
Height-adjustable console	Х	•
Height-adjustable console, three steps with tool	•	Х
Tilt-up left-side console	Х	•
Fixed left-side console	•	Х
Mechanical-suspension seat	•	Х
Heated air-suspension seat	Х	•
51 mm (2") seat belt	•	•
Monitor integrated Bluetooth® radio with USB/Auxilary ports	•	•
12V DC outlets	•	•
Document storage	•	•
Overhead storage and rear storage with nets	Х	•
Beverage holder	•	•
Cup holder	•	•
Openable two-piece front window	•	•
Rear window emergency exit	•	•
Radial wiper with washer	•	•
Openable polycarbonate skylight hatch	Х	•
Openable steel hatch	•	Х
LED dome light	•	•
Roof sunscreen	X	•
Roller front sunscreen	•	•
Roller rear sunscreen	0	0
Washable floor mat	•	•
Beacon ready	•	•
Cat Stick Steer	0	0
Auxiliary relay	Х	0

Standard

O Optional

X Not available

^{*}Not compatible with 360° visibility

^{**}For use with 360° visibility

317 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® C3.6 engine meets U.S. EPA Tier 4 Final, EU 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) or ULSD blended with the following lower-carbon intensity fuels** up to:
 - ✓ 20% biodiesel FAME (fatty acid methyl ester)*
 - ✓ 100% renewable diesel, HVO (hydrotreated vegetable oil) and GTL (gas-to-liquid) fuels

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

- *Engines with no aftertreatment devices can use higher blends, up to 100% biodiesel (for use of blends higher than 20% biodiesel, consult your Cat dealer).
- **Tailpipe greenhouse gas emissions from lower-carbon intensity fuels are essentially the same as traditional fuels.

Air Conditioning System

• The air conditioning system on this machine contains the fluorinated greenhouse gas refrigerant R134a (Global Warming Potential = 1430). The system contains 0.9 kg (2.0 lb) of refrigerant which has a CO₂ equivalent of 1.418 metric tonnes (1.261 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) – 102 dB(A)

ISO 6396:2008 (inside cab) – 72 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.

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 HYDOTM 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
- Eco mode supports reduced fuel consumption for light applications
- One-touch low idle with automatic engine speed control
- Increase operating efficiency with standard Cat technologies that help lower operator fatigue and operating costs
- The latest hydraulic oil filter provides longer life with a 3,000-hour replacement interval
- Remote Flash and Remote Troubleshoot



317 Forestry Hydraulic Excavator

The Cat® 317 Forest Excavator is specially modified for the tough terrain of forest applications. The machine features a tool control system to maximize the forestry work tools, as well as a specially designed boom and stick for forest. Count on the versatility of the 317 to perform the tasks you need for forest operations.

Machine Modifications to meet Tough Terrain

- Reach boom and 2.6 m (8'6") stick designed for forest applications.
- Additional mesh screen and covers prevent entry of dry, dead debris.
- Optional single grouser 600 mm (24") shoe for improved traction on slopes.
- Special tool tray located in front of the cab structure.
- Mounting points for fire extinguisher are offered from factory.
- Safety features such as rear and right-hand side cameras.
- Heavy duty bottom guard with openable gate under engine portion for cleaning.
- Tool control system for maximum harvester and grapple performance.



Engine		
Engine Model	Cat® C3.6	
Net Power		
ISO 9249	98.9 kW	133 hp
ISO 9249 (DIN)	134 hp (metric)	
Engine Power		
ISO 14396	100 kW	134 hp
ISO 14396 (DIN)	136 hp (metric)	
Bore	98 mm	4 in
Stroke	120 mm	5 in
Displacement	3.6 L	220 in ³
Biodiesel Capability	Up to B20 ⁽	1)

- Meets U.S. EPA Tier 4 Final, EU Stage V, and Japan 2014 emission standards.
- No engine power derate required below 3000 m (9,840 ft) altitude.
- 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) or ULSD blended with the following lower-carbon intensity fuels** up to:
 - ✓ 20% biodiesel FAME (fatty acid methyl ester)*
 - ✓ 100% renewable diesel, HVO (hydrotreated vegetable oil) and GTL (gas-to-liquid) fuels

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

- *Engines with no aftertreatment devices can use higher blends, up to 100% biodiesel (for use of blends higher than 20% biodiesel, consult your Cat dealer).
- **Tailpipe greenhouse gas emissions from lower-carbon intensity fuels are essentially the same as traditional fuels.

Swing Mechanism		
Swing Speed	8.70 rpm	
Maximum Swing Torque	65 kN·m	47,647 lbf·ft

Weights

Operating Weight – Forest Harvester 17 300 kg 38,100 lb

• Reach boom, R2.6 (8'6") stick, GD 0.65 m³ (0.85 yd³) bucket, and 500 mm (20") triple grouser shoes and 3.25 mt (7,165 lb) counterweight.

Operating Weight – Forest Grapple 17 300 kg 38,100 lb

• Reach boom, R2.6 (8'6") stick, GD 0.65 m³ (0.85 yd³) bucket, and 500 mm (20") triple grouser shoes and 3.25 mt (7,165 lb) counterweight.

Track		
Track Shoes Width	500 mm	20 in
Track Shoes Width	600 mm	24 in
Track Shoes Width	700 mm	28 in
Number of Shoes (each side)	44	
Number of Track Rollers (each side)	7	
Number of Carrier Rollers (each side)	2	

Drive		
Gradeability	35°/70%	
Maximum Travel Speed	5.3 km/h	3.3 mph
Maximum Drawbar Pull	157 kN	35,295 lbf

Hydraulic System		
Main System – Maximum Flow – Implement	296 L/min	78 gal/min
Maximum Pressure – Equipment – Implement	35 000 kPa	5,076 psi
Maximum Pressure – Travel	35 000 kPa	5,076 psi
Maximum Pressure – Swing	25 800 kPa	3,741 psi
Boom Cylinder – Bore	110 mm	4.3 in
Boom Cylinder – Stroke	1193 mm	47.0 in
Stick Cylinder – Bore	120 mm	5.5 in
Stick Cylinder – Stroke	1331 mm	52.4 in
Bucket Cylinder – Bore	105 mm	4.1 in
Bucket Cylinder – Stroke	1039 mm	40.9 in

Service Refill Capacities		
Fuel Tank Capacity	271 L	71.6 gal
Cooling System	28 L	7.4 gal
Engine Oil (with filter)	15 L	4.0 gal
Final Drive (each)	6 L	1.6 gal
Hydraulic System (including tank)	94 L	24.8 gal
Hydraulic Tank (including suction pipe)	87 L	23.0 gal
DEF Tank	22 L	5.8 gal

Standards	
Brakes	ISO 10265:2008
Cab/OPG (optional)	ISO 10262:1998
Cab/ROPS	ISO 12117-2:2008

Sound Performance		
ISO 6395:2008 (external)	101 dB(A)	
ISO 6396:2008 (inside cab)	72 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

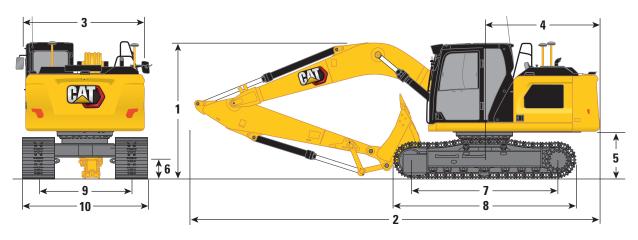
		m (20") user Shoes	600 mm (24") Single Grouser Shoes		m (24") user Shoes		m (28") user Shoes
ase Machine Configurations	Weight	Ground Pressure	Weight	Weight	Ground Pressure	Weight	Ground Pressure
ase Frame with Track Rollers nd Carrier Rollers	kg (lb)	kPa (psi)	kg (lb)	kg (lb)	kPa (psi)	kg (lb)	kPa (psi)
3.25 mt (7,165 lb) Counterweight + Long Undercarriage Base Machine for Harvester							
Reach Boom + R2.6 (8'6") Stick + 0.65 m ³ (0.85 yd ³) GDX Bucket	17 300 (38,100)	48.8 (7.1)	17 800 (39,200)	17 500 (38,600)	41.2 (6.0)	17 700 (39,100)	35.8 (5.2)
3.25 mt (7,165 lb) Counterweight + Long Undercarriage Base Machine for Grapple							
Reach Boom + R2.6 (8'6") Stick + 0.65 m ³ (0.85 yd ³) GDX Bucket	17 300 (38,100)	48.8 (7.1)	17 800 (39,300)	17 500 (38,600)	41.2 (6.0)	17 800 (39,100)	35.8 (5.2)
3.77 mt (8,311 lb) Counterweight + Long Undercarriage Base Machine for Harvester							
Reach Boom + R2.6 (8'6") Stick + 0.65 m ³ (0.85 yd ³) GDX Bucket	17 800 (39,200)	50.3 (7.3)	18 300 (40,400)	18 000 (39,700)	42.4 (6.1)	18 300 (40,300)	36.9 (5.4)
3.77 mt (8,311 lb) Counterweight + Long Undercarriage Base Machine for Grapple		•		•	•	•	·
Reach Boom + R2.6 (8'6") Stick + 0.65 m³ (0.85 yd³) GDX Bucket	17 800 (39,300)	50.3 (7.3)	18 300 (40,400)	18 000 (39,800)	42.5 (6.2)	18 300 (40,300)	36.9 (5.4)

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

Major Component Weights

	kg	lb
Base Machine Weight (with upper frame, undercarriage, counterweight – does not include boom, stick, bucket, boom cylinders, stick cylinder, bucket cylinders, tracks, fuel tank and operator).		
With 3.25 mt (7,165 lb) Counterweight for Grapple	11 730	25,860
With 3.25 mt (7,165 lb) Counterweight for Harvester	11 720	25,840
With 3.77 mt (8,311 lb) Counterweight for Grapple	12 250	27,010
With 3.77 mt (8,311 lb) Counterweight for Harvester	12 240	26,990
Track Shoes:		
500 mm (20") Triple Grouser Track Shoes	2020	4,660
600 mm (24") Single Grouser Track Shoes	2640	5,810
600 mm (24") Triple Grouser Track Shoes	2340	5,160
700 mm (28") Triple Grouser Track Shoes with Additional Steps	2580	5,680
Two Boom Cylinders	300	670
Weight of 90% Fuel Tank and 75 kg (165 lb) Operator	300	660
Counterweights:		
3.25 mt (7,165 lb) Counterweight	3250	7,165
3.77 mt (8,311 lb) Counterweight	3770	8,311
Swing Frame	1700	3,760
Undercarriage:		
Long Undercarriage	3900	8,600
Booms (including lines, pins, stick cylinder):		
Reach 5.1 m (16'9") Boom for Harvester	1320	2,910
Reach 5.1 m (16'9") Boom for Grapple	1360	2,990
Sticks (including lines, pins, bucket cylinder, bucket linkage):		
Reach Stick 2.6 m (8'6") for Harvester	820	1,820
Reach Stick 2.6 m (8'6") for Grapple	840	1,860
Bucket (without linkage, with tips and side cutters):		
0.65 m³ (0.85 yd³) GDX Bucket	600	1,320
0.80 m³ (1.05 yd³) GDX Bucket	660	1,455
Quick Coupler:		
Pin Grabber QC	260	580
Guard:		
OPG	130	280

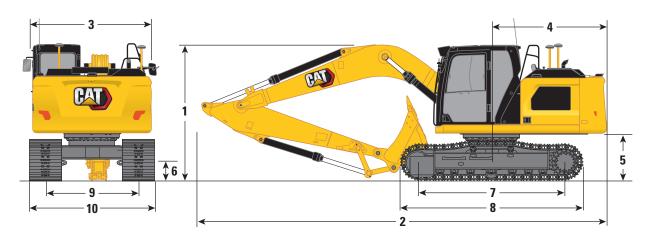
Dimensions



Boom Option	Reach Boom 5.1 m (16'9")	
Stick Option	Reach R2.6 (8'6") 1	Stick
1 Machine Height:*		
Top of Cab Height	2930 mm	9'7"
Top of OPG Height	3070 mm	10'1"
Handrails Height	2940 mm	9'8"
With Boom/Stick/Bucket Installed (with stick cylinder lines)	3030 mm	9'9"
With Boom/Stick Installed (with stick cylinder lines)	2940 mm	9'6"
With Boom Installed (with stick cylinder lines)	2520 mm	8'3"
2 Machine Length:		
With Boom/Stick/Bucket Installed (with stick cylinder lines)	8560 mm	28'1"
With Boom/Stick Installed (with stick cylinder lines)	8530 mm	27'11"
With Boom Installed (with stick cylinder lines)	7620 mm	25'0"
Bucket Type	GI)
Bucket Capacity	0.65 m ³	0.85 yd ³
Bucket Tip Radius	1375 mm	4'5"

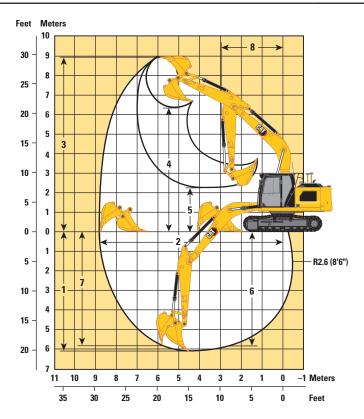
^{*}For models with single grouser track shoes add 30 mm (1.2") to machine height dimensions.

Dimensions



Boom Option	Reach Boom	
	5.1 m (16'9	
Stick Option	Reach S R2.6 (8'6") fo	
3 Upperframe Width	2540 mm	8'4"
4 Tail Swing Radius:		
3.25 mt (7,165 lb) Counterweight	2500 mm	8'2"
3.77 mt (8,311 lb) Counterweight	2500 mm	8'2"
5 Counterweight Clearance	1010 mm	3'4"
6 Ground Clearance	430 mm	1'5"
7 Length to Center of Rollers	3170 mm	10'5"
8 Track Length	3970 mm	13'0"
9 Track Gauge	1990 mm	6'6"
10 Undercarriage Width:		
500 mm (20") Shoes	2490 mm	8'2"
600 mm (24") Shoes	2590 mm	8'6"
700 mm (28") Shoes	2690 mm	8'10"
Bucket Type	GD)
Bucket Capacity	0.65 m ³	0.85 yd ³
Bucket Tip Radius	1375 mm	4'5"

Working Ranges and Forces



Boom Option	Reach Boom 5.1 m (16'9")	
Stick Option		Stick for Forest
1 Maximum Digging Depth	6070 mm	19'11"
2 Maximum Reach at Ground Line	8760 mm	28'9"
3 Maximum Cutting Height	8950 mm	29'4"
4 Maximum Loading Height	6310 mm	20'8"
5 Minimum Loading Height	2320 mm	7'7"
6 Maximum Depth Cut for 2440 mm (8'0") Level Bottom	5880 mm	19'3"
7 Maximum Vertical Wall Digging Depth	5850 mm	19'2"
8 Minimum Working Equipment Radius	2980 mm	9'9"
Bucket Digging Force (ISO)	124 kN	27,880 lbf
Stick Digging Force (ISO)	80 kN	17,980 lbf
Bucket Type	GD	
Bucket Capacity	0.65 m ³	0.85 yd ³
Bucket Tip Radius	1375 mm	4'5"

317 Forestry Standard and Optional Equipment

Standard and Optional Equipment

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

	Standard	Optional
BOOMS, STICKS AND LINKAGES		
5.1 m (16'9") Reach boom	✓	
2.6 m (8'6") Reach stick	✓	
Bucket linkage, without lifting eye ¹	✓	
САВ		
ROPS	✓	
Operator Protective Guards (OPG)		✓
High-resolution 254 mm (10") LCD touch screen monitor	✓	
Auto bi-level air conditioner	✓	
Jog dial and shortcut keys for monitor control	✓	
Keyless push-to-start engine control	✓	
Height-adjustable console	✓	
Tilt-up left-side console	✓	
Heated air-suspension seat	✓	
51 mm (2") seat belt	✓	
Monitor integrated Bluetooth radio with USB/Aux ports	✓	
12V DC outlets	✓	
Document storage	✓	
Overhead storage and rear storage with nets	✓	
Beverage holder	✓	
Cup holder	✓	
Openable two-piece front window	✓	
Rear window emergency exit	✓	
Radial wiper with washer	✓	
Openable polycarbonate skylight hatch	✓	
LED dome light	✓	
Roller front sunscreen	✓	
Roller rear sunscreen		✓
Washable floor mat	✓	
Beacon ready	✓	
Cat Stick Steer		✓
Auxiliary relay		✓
CAT TECHNOLOGY		
VisionLink®	√ *	
Remote Flash	✓	
Remote Troubleshoot	✓	
Work tool recognition (PL161)	✓	
Work tool tracking (PL161)	✓	

	Standard	Optional
ELECTRICAL SYSTEM		
Maintenance free battery	✓	
Centralized electrical disconnect switch	✓	
Programmable time-delay LED working lights	✓	
LED chassis and left-side/right-side boom light – 1,800 lumens	✓	
LED cab lights – 1,800 lumens		✓
ENGINE		
Cat C3.6 single turbo diesel engine	✓	
Three selectable modes: Power, Smart, Eco	✓	
One-touch low idle with automatic engine speed control	✓	
Automatic engine shutdown	✓	
−18° C (−0° F) cold start capability		✓
−25° C (−13° F) cold start capability		✓
Two-stage fuel filtration system with water separator and indicator	✓	
Sealed double element air filter with integrated precleaner	✓	
Electric fuel priming pump	✓	
Electric cooling fans	✓	
HYDRAULIC SYSTEM		
Electronic main control valve	✓	
Single type electronic main pump	✓	
Boom and stick regeneration circuits	✓	
Boom and stick drift reduction valve	✓	
Automatic hydraulic oil warm up	✓	
Automatic two-speed travel	✓	
Element type main hydraulic filter	✓	
Hydraulic efficiency monitoring		✓

^{*}Connect subscription only. Additional subscriptions are available. Contact your Cat dealer for availability.

(continued on next page)

¹Optional for Harvester.

317 Forestry Standard and Optional Equipment

Standard and Optional Equipment (continued)

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

	Standard	Optional
SAFETY AND SECURITY		
Guard, Operator Protective Guards (OPG)	✓	
Rear and right-side-view cameras	✓	
Ground level accessible secondary engine shutoff switch in cab	✓	
Lockable disconnect switch	✓	
Service platform with anti-skid plate and countersunk bolts	✓	
Signaling/warning horn	✓	
Swing alarm		✓
Hydraulic lock out lever	✓	
Inspection lighting		✓
Auto Hammer Start	✓	
SERVICE AND MAINTENANCE		
Side entry to service platform	✓	
Grouped engine oil and fuel filters	✓	
Ground level engine oil dipstick	✓	
Scheduled Oil Sampling (S·O·S SM) ports	✓	
Integrated vehicle health management system	✓	

	Standard	Optional
UNDERCARRIAGE AND STRUCTURES		
500 mm (20") triple grouser track shoes		✓
600 mm (24") single grouser track shoes		✓
600 mm (24") triple grouser track shoes		✓
700 mm (28") triple grouser track shoes with additional steps		✓
Grease lubricated track link	✓	
Center track guiding guard	✓	
Two-piece segmented track guiding guard	✓	
Bottom without swivel guard	✓	
Travel motor guards	✓	
3.25 mt (7,165 lb) counterweight	✓	
3.77 mt (8,311 lb) counterweight		✓
Tie-down points	✓	

317 Forestry Attachments

Dealer Installed Kits and Attachments

Attachments may vary. Consult your Cat dealer for details.

CAB

- · Radial lower wiper
- Left-hand and right-hand electrical pedal (two-way) for tool control
- Dual exit rear window kit
- Rain protector plus cab light cover
- Front windshield laminated glass (P5A glass, EU demolition regulation)
- Key fob (for use with Bluetooth receiver)

SAFETY AND SECURITY

• 76 mm (3") retractable seat belt

GUARDS

- Mesh guard full front (not compatible with cab light cover, rain protector)
- Mesh guard lower front half
- Full protecting vandalism guard





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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Based on the Labor, Safety and Health Laws in Japan, employer of small construction equipment are required to provide specific training for all operators on machines with ship weight less than 3 metric ton. For machines greater than 3 metric ton, operator needs to obtain operator license certification from a Government approved registered training school.

AEXQ4107-00 (11-2024) Build Number: 07H (Japan)

