



321

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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321 Hydraulic Excavator Specifications

Engine

Engine Model	Cat® C3.6	
Net Power		
ISO 9249	96 kW	129 hp
ISO 9249 (DIN)	131 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⁾	

- Noncertified emission engine.
- Recommended for use up to 4000 m (13,120 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 2,000 rpm.

⁽¹⁾Cat engines are compatible with diesel fuel blended with the following lower-carbon intensity fuels** up to:

- ✓ 100% biodiesel FAME (fatty acid methyl ester)*
- ✓ 100% renewable diesel, HVO (hydrogenated vegetable oil) and GTL (gas-to-liquid) fuels

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

*For use of blends higher than 20% biodiesel, consult your Cat dealer.

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

Swing Mechanism

Swing Speed	10.0 rpm	
Maximum Swing Torque	61 kN·m	45,260 lbf·ft

Weights

Operating Weight	19 300 kg	42,600 lb
<ul style="list-style-type: none"> • 4.1 m (13'5") Standard undercarriage, 5.7 m (18'8") Reach boom, R2.25 m (7'5") stick, 1.0 m³ (1.31 yd³) General Duty (GD) bucket, 600 mm (24") triple grouser track shoes and 3650 kg (8,050 lb) counterweight. 		
Operating Weight	19 700 kg	43,500 lb
<ul style="list-style-type: none"> • 4.25 m (13'11") Medium undercarriage, 5.7 m (18'8") Reach Boom, R2.25 m (7'5") stick, 1.0 m³ (1.31 yd³) GD bucket, 600 mm (24") triple grouser track shoes and 3650 kg (8,050 lb) counterweight. 		

Track

Standard Undercarriage

Track Shoes Width	600 mm	24 in
Number of Shoes (each side)	45	
Number of Track Rollers (each side)	7	
Number of Carrier Rollers (each side)	2	

Medium Undercarriage

Track Shoes Width	600 mm	24 in
Number of Shoes (each side)	47	
Number of Track Rollers (each side)	7	
Number of Carrier Rollers (each side)	2	

Drive

Maximum Gradeability	35°/70%	
Maximum Travel Speed	5.5 km/h	3.43 mph
Maximum Drawbar Pull	156 kN	35,070 lbf

Hydraulic System

Main System – Maximum Flow – Implement	315 L/min	83 gal/min
Maximum Pressure – Equipment – Implement	35 000 kPa	5,075 psi
Maximum Pressure – Travel	35 000 kPa	5,075 psi
Maximum Pressure – Swing	25 000 kPa	3,625 psi
Pilot System – Maximum Pressure	3900 kPa	566 psi
Boom Cylinder – Bore	120 mm	5 in
Boom Cylinder – Stroke	1260 mm	50 in
Stick Cylinder – Bore	135 mm	5 in
Stick Cylinder – Stroke	1504 mm	59 in
Bucket Cylinder – Bore	115 mm	5 in
Bucket Cylinder – Stroke	1104 mm	43 in

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Service Refill Capacities

Fuel Tank Capacity	370 L	97.7 gal
Cooling System	22 L	5.8 gal
Engine Oil (with filter)	11 L	2.9 gal
Swing Drive	6 L	1.6 gal
Final Drive (each)	6 L	1.6 gal
Hydraulic System (including tank)	218 L	57.6 gal
Hydraulic Tank	115 L	30.4 gal

Standards

Brakes	ISO 10265: 2008
Cab	ISO 10262: 1998 – Level I

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.

Operating Weights and Ground Pressures

	600 mm (24") Triple Grouser Track Shoes			
	Weight		Ground Pressure	
Base Machine Configurations	kg	(lb)	kPa	(psi)
Base Frame with Track Rollers and Carrier Rollers				
Base Machine with 3650 kg (8,050 lb) Counterweight and 4.1 m (13'5") Standard Undercarriage				
5.7 m (18'8") Reach boom, R2.25 m (7'5") stick, 1.0 m ³ (1.31 yd ³) GD bucket	19 300	(42,600)	44.4	(6.4)
5.7 m (18'8") Reach boom, R2.5 m (8'2") stick, 1.0 m ³ (1.31 yd ³) GD bucket	19 300	(42,600)	44.4	(6.4)
Base Machine with 3650 kg (8,050 lb) Counterweight and 4.25 m (13'11") Medium Undercarriage				
5.7 m (18'8") Reach boom, R2.25 m (7'5") stick, 1.0 m ³ (1.31 yd ³) GD bucket	19 700	(43,500)	43.2	(6.3)
5.7 m (18'8") Reach boom, R2.5 m (8'2") stick, 1.0 m ³ (1.31 yd ³) GD bucket	19 700	(43,500)	43.2	(6.3)

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

321 Hydraulic Excavator Specifications

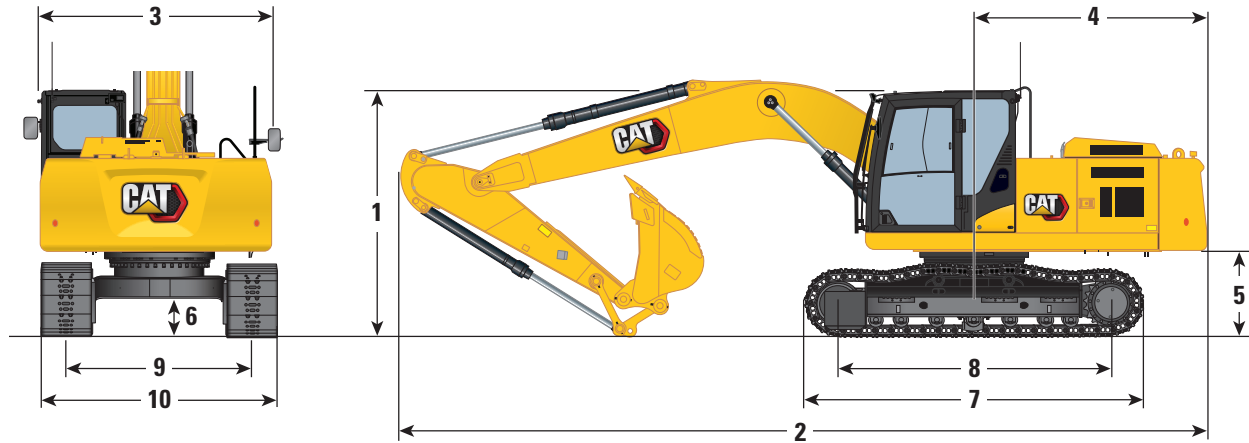
Major Component Weights

	kg	lb
Base machine (with counterweight, undercarriage, swing frame, base frame with track rollers and carrier rollers, two boom cylinders, pins, 90% fuel tank and 75 kg [165 lb] operator – does not include boom, stick, bucket, boom cylinders, stick cylinder, bucket cylinder, tracks).		
With 3650 kg (8,050 lb) Counterweight and 4.1 m (13'5") Standard Undercarriage	13 470	29,690
With 3650 kg (8,050 lb) Counterweight and 4.25 m (13'11") Medium Undercarriage	13 740	30,300
Track Shoes:		
600 mm (24") Wide, 8.5 mm (0.34") Thick, Triple Grouser Track Shoes for 4.1 m (13'5") Standard Undercarriage	2390	5,270
600 mm (24") Wide, 8.5 mm (0.34") Thick, Triple Grouser Track Shoes for 4.25 m (13'11") Medium Undercarriage	2500	5,500
Two Boom Cylinders	360	790
Weight of 90% Fuel Tank and 75 kg (165 lb) Operator	350	770
Counterweight:		
3650 kg (8,050 lb) Counterweight	3650	8,050
Swing Frame:		
Standard Swing Frame	1860	4,100
Undercarriages:		
Base Frame with Standard Track Rollers and Carrier Rollers for 4.1 m (13'5") Standard Undercarriage	4160	9,160
Base Frame with Standard Track Rollers and Carrier Rollers for 4.25 m (13'11") Medium Undercarriage	4430	9,760
Boom (including lines, pins, stick cylinder):		
5.7 m (18'8") Reach Boom	1690	3,730
Sticks (including lines, pins, bucket cylinder, bucket linkage):		
2.25 m (7'5") Reach Stick	960	2,110
2.5 m (8'2") Reach Stick	960	2,110
Bucket (without linkage):		
1.0 m ³ (1.31 yd ³) GD Bucket	820	1,810

321 Hydraulic Excavator Specifications

Dimensions

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



Boom Option

Reach Boom
5.7 m (18'8")

Stick Options

Reach Stick
R2.25 m (7'5")

Reach Stick
R2.5 m (8'2")

Reach Stick
R2.25 m (7'5")

Reach Stick
R2.5 m (8'2")

Undercarriage Options

4.1 m (13'5") Standard

4.25 m (13'11") Medium

1 Machine Height:

Cab Height (without shoe lug height)	2940 mm	9'8"	2940 mm	9'8"	2940 mm	9'8"	2940 mm	9'8"
Shipping Height (including shoe lug height)	3250 mm	10'8"	3350 mm	11'0"	3250 mm	10'8"	3350 mm	11'0"
Handrail Height	3010 mm	9'11"	3010 mm	9'11"	3010 mm	9'11"	3010 mm	9'11"

2 Machine Length:

With Boom/Stick/Bucket Installed	9570 mm	31'5"	9520 mm	31'3"	9570 mm	31'5"	9520 mm	31'3"
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3 Upperframe Width

	2760 mm	9'1"	2760 mm	9'1"	2760 mm	9'1"	2760 mm	9'1"
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4 Tail Swing Radius

	2830 mm	9'3"	2830 mm	9'3"	2830 mm	9'3"	2830 mm	9'3"
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5 Counterweight Clearance (without shoe lug)

	1020 mm	3'4"	1020 mm	3'4"	1020 mm	3'4"	1020 mm	3'4"
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6 Ground Clearance (without shoe lug)

	430 mm	1'5"	430 mm	1'5"	430 mm	1'5"	430 mm	1'5"
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7 Track Length

	4080 mm	13'5"	4080 mm	13'5"	4250 mm	13'11"	4250 mm	13'11"
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8 Track Length – Length to Center of Rollers

	3270 mm	10'9"	3270 mm	10'9"	3450 mm	11'4"	3450 mm	11'4"
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9 Track Gauge – Standard Undercarriage

	2200 mm	7'3"	2200 mm	7'3"	2380 mm	7'10"	2380 mm	7'10"
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10 Transportation Width

600 mm (24") Shoes	2800 mm	9'2"	2800 mm	9'2"	2980 mm	9'9"	2980 mm	9'9"
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Bucket Type

GD

GD

GD

GD

Bucket Capacity

	1.00 m ³	1.31 yd ³	1.00 m ³	1.31 yd ³	1.00 m ³	1.31 yd ³	1.00 m ³	1.31 yd ³
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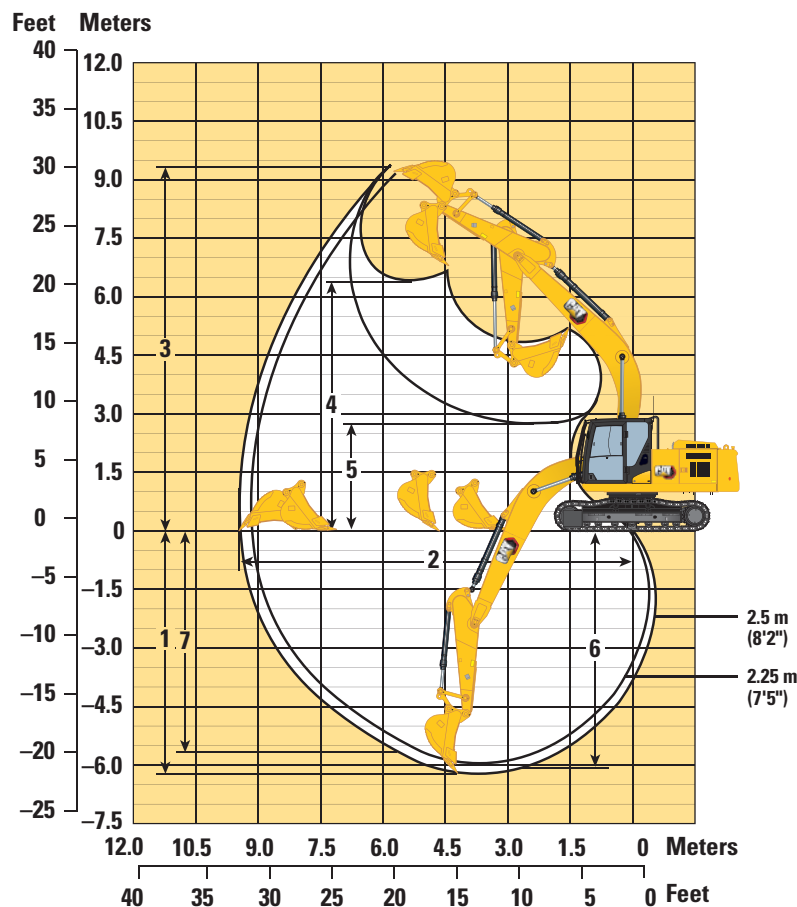
Bucket Tip Radius

	1490 mm	4'11"	1490 mm	4'11"	1490 mm	4'11"	1490 mm	4'11"
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321 Hydraulic Excavator Specifications

Working Ranges

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

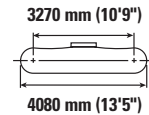
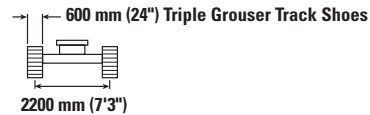
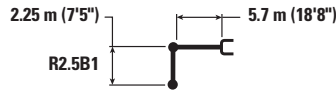














Boom Option	Reach Boom 5.7 m (18'8")							
Stick Options	Reach Stick R2.25 m (7'5")		Reach Stick R2.5 m (8'2")		Reach Stick R2.25 m (7'5")		Reach Stick R2.5 m (8'2")	
Undercarriage Options	4.1 m (13'5") Standard				4.25 m (13'11") Medium			
1 Maximum Digging Depth	5970 mm	19'7"	6220 mm	20'5"	5970 mm	19'7"	6220 mm	20'5"
2 Maximum Reach at Ground Line	9150 mm	30'0"	9380 mm	30'9"	9150 mm	30'0"	9380 mm	30'9"
3 Maximum Cutting Height	9120 mm	29'11"	9240 mm	30'4"	9120 mm	29'11"	9240 mm	30'4"
4 Maximum Loading Height	6250 mm	20'6"	6370 mm	20'11"	6250 mm	20'6"	6370 mm	20'11"
5 Minimum Loading Height	2920 mm	9'7"	2670 mm	8'9"	2920 mm	9'7"	2670 mm	8'9"
6 Maximum Depth Cut for 2440 mm (8 ft) Level Bottom	5760 mm	18'11"	6030 mm	19'9"	5760 mm	18'11"	6030 mm	19'9"
7 Maximum Vertical Wall Digging Depth	5360 mm	17'7"	5610 mm	18'5"	5360 mm	17'7"	5610 mm	18'5"
Bucket Digging Force (ISO)	135 kN	30,280 lbf	135 kN	30,440 lbf	135 kN	30,280 lbf	135 kN	30,440 lbf
Stick Digging Force (ISO)	119 kN	26,800 lbf	111 kN	25,040 lbf	119 kN	26,800 lbf	111 kN	25,040 lbf
Bucket Type	GD		GD		GD		GD	
Bucket Capacity	1.00 m³	1.31 yd³	1.00 m³	1.31 yd³	1.00 m³	1.31 yd³	1.00 m³	1.31 yd³
Bucket Tip Radius	1490 mm	4'11"	1490 mm	4'11"	1490 mm	4'11"	1490 mm	4'11"

321 Hydraulic Excavator Specifications

Reach Boom Lift Capacities – Counterweight: 3650 kg (8,050 lb) – without Bucket

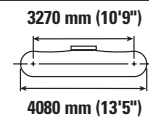
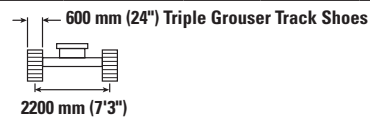
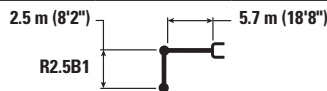
4080 mm (13'5") Standard Undercarriage


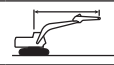












	3000 mm/10'0"		4500 mm/15'0"		6000 mm/20'0"		7500 mm/25'0"				mm ft/in
											
7500 mm 25'0"	kg lb								*5100 *11,400	*5100 *11,400	5250 16'78"
6000 mm 20'0"	kg lb				*5600 *12,350	4250 9,050			*4650 *10,300	3650 8,150	6550 21'28"
4500 mm 15'0"	kg lb			*7050 *15,200	6400 13,750	*6000 12,950	4100 8,850		*4350 *9,650	3000 6,600	7320 23'92"
3000 mm 10'0"	kg lb			*8800 *18,900	5850 12,650	5800 12,450	3900 8,400	4100 8,850	3950 8,650	2650 5,900	7720 25'31"
1500 mm 5'0"	kg lb			8600 18,450	5450 11,750	5600 12,000	3700 8,000	4050 8,650	3800 8,350	2550 5,600	7820 25'66"
0 mm 0'0"	kg lb			8400 18,000	5300 11,400	5450 11,700	3600 7,700	4000	3900 8,550	2600 5,750	7620 25'00"
-1500 mm -5'0"	kg lb	*10 850 *24,700	10 100 21,650	8400 18,000	5300 11,350	5400 11,650	3550 7,650		4300 9,450	2850 6,300	7100 23'24"
-3000 mm -10'0"	kg lb	*12 600 *27,350	10 300 22,100	8500 18,250	5400 11,600	5500 11,900	3650 7,900		5300 11,800	3550 7,850	6170 20'11"

Reach Boom Lift Capacities – Counterweight: 3650 kg (8,050 lb) – without Bucket

4080 mm (13'5") Standard Undercarriage



	3000 mm/10'0"		4500 mm/15'0"		6000 mm/20'0"		7500 mm/25'0"				mm ft/in
											
7500 mm 25'0"	kg lb								*4500 *10,050	*4250 *10,050	5590 17'92"
6000 mm 20'0"	kg lb				*5350 *11,750	4300 9,200			*4150 *9,100	3450 7,650	6830 22'19"
4500 mm 15'0"	kg lb			*6750 *14,450	6450 13,900	*5800 *12,600	4150 8,900	4250 2900	*4050 *8,900	2850 6,300	7570 24'74"
3000 mm 10'0"	kg lb			*8500 *18,250	5950 12,850	5850 12,550	3950 8,500	4150 8,900	3800 8,300	2550 5,650	7960 26'08"
1500 mm 5'0"	kg lb			8650 18,600	5500 11,900	5600 12,050	3750 8,050	4050 8,700	3650 8,000	2450 5,400	8050 26'41"
0 mm 0'0"	kg lb			8400 18,050	5300 11,450	5450 11,700	3600 7,750	4000 8,550	3750 8,200	2500 5,500	7860 25'77"
-1500 mm -5'0"	kg lb	*10 500 *23,900	10 050 21,550	8400 17,950	5300 11,350	5400 11,600	3550 7,650		4100 9,000	2750 6,000	7350 24'08"
-3000 mm -10'0"	kg lb	*13 250 *28,700	10 250 21,950	8500 18,200	5350 11,550	5450 11,800	3600 7,800		4950 11,000	3300 7,300	6460 21'08"
-4500 mm -15'0"	kg lb			*7150 *15,000	5600 12,150				*6200 *13,600	4900 11,000	4980 16'03"



ISO 10567:2007



* Indicates that the load is limited by hydraulic lifting capacity rather than tipping load. The above loads are in compliance with hydraulic excavator lift capacity standard ISO 10567:2007. They do not exceed 87% of hydraulic lifting capacity or 75% of tipping load. Weight of all lifting accessories must be deducted from the above lifting capacities. Lifting capacities are based on the machine standing on a firm, uniform supporting surface. The use of a work tool attachment point to handle/lift objects, could affect the machine lift performance.

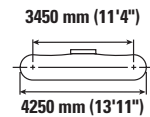
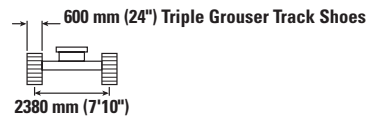
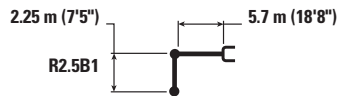
Lift capacity stays with $\pm 5\%$ for all available track shoes.













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

321 Hydraulic Excavator Specifications

Reach Boom Lift Capacities – Counterweight: 3650 kg (8,050 lb) – without Bucket

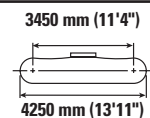
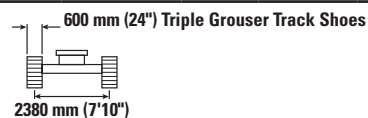
4250 mm (13'11") Medium Undercarriage


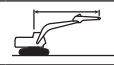












		3000 mm/10'0"		4500 mm/15'0"		6000 mm/20'0"		7500 mm/25'0"				mm ft/in
												
7500 mm 25'0"	kg lb									*5100 *11,400	*5100 *11,400	5250 16'78"
6000 mm 20'0"	kg lb					*5600 *12,350	4300 9,200			*4650 *10,300	3700 8,300	6550 21'28"
4500 mm 15'0"	kg lb			*7050 *15,200	6500 13,950	*6000 13,000	4200 9,000			*4400 *9,700	3050 6,700	7320 23'92"
3000 mm 10'0"	kg lb			*8800 *18,900	5950 12,850	5850 12,550	3950 8,550	4150 8,900	2850 6,100	3950 8,750	2700 6,000	7720 25'31"
1500 mm 5'0"	kg lb			8650 18,550	5500 12,000	5600 12,050	3800 8,150	4050 8,700	2750 5,950	3800 8,400	2600 5,750	7820 25'66"
0 mm 0'0"	kg lb			8450 18,150	5400 11,600	5500 11,800	3650 7,850	4000	2700	3900 8,600	2650 5,850	7620 25'00"
-1500 mm -5'0"	kg lb	*10 850 *24,700	10 300 22,050	8450 18,100	5400 11,600	5450 11,700	3650 7,800			4350 9,550	2950 6,450	7100 23'24"
-3000 mm -10'0"	kg lb	*12 600 *27,350	10 500 22,500	8550 18,400	5500 11,850	5550 11,950	3700 8,050			5350 11,900	3600 8,000	6170 20'11"

Reach Boom Lift Capacities – Counterweight: 3650 kg (8,050 lb) – without Bucket

4250 mm (13'11") Medium Undercarriage



		3000 mm/10'0"		4500 mm/15'0"		6000 mm/20'0"		7500 mm/25'0"				mm ft/in
												
7500 mm 25'0"	kg lb									*4500 *10,050	*4500 *10,050	5590 17'92"
6000 mm 20'0"	kg lb					*5350 *11,750	4350 9,350			*4150 *9,100	3500 7,800	6830 22'19"
4500 mm 15'0"	kg lb			*6750 *14,550	6550 14,150	*5800 12,600	4200 9,050	4250	2950	*4050 *8,900	2900 6,400	7570 24'74"
3000 mm 10'0"	kg lb			*8500 *18,250	6050 13,050	5850 12,600	4000 8,650	4200 8,950	2900 6,150	3800 8,350	2600 5,750	7960 26'08"
1500 mm 5'0"	kg lb			8700 18,700	5600 12,100	5650 12,150	3800 8,200	4050 8,750	2800 5,950	3650 8,050	2500 5,500	8050 26'41"
0 mm 0'0"	kg lb			8500 18,200	5400 11,650	5500 11,800	3650 7,900	4000 8,600	2700 5,850	3750 8,050	2550 5,600	7860 25'77"
-1500 mm -5'0"	kg lb	*10 500 *23,900	10 250 21,950	8450 18,100	5400 11,600	5450 11,700	3600 7,800			4100 9,050	2800 6,150	7350 24'08"
-3000 mm -10'0"	kg lb	*13 250 *28,700	10 450 22,350	8550 18,300	5450 11,750	5500 11,850	3700 7,950			4950 11,050	3350 7,450	6460 21'08"
-4500 mm -15'0"	kg lb			*7150 *15,000	5700 12,350					6200 13,600	5000 11,300	4980 16'03"



ISO 10567:2007



* Indicates that the load is limited by hydraulic lifting capacity rather than tipping load. The above loads are in compliance with hydraulic excavator lift capacity standard ISO 10567:2007. They do not exceed 87% of hydraulic lifting capacity or 75% of tipping load. Weight of all lifting accessories must be deducted from the above lifting capacities. Lifting capacities are based on the machine standing on a firm, uniform supporting surface. The use of a work tool attachment point to handle/lift objects, could affect the machine lift performance.

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

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

321 Hydraulic Excavator Specifications

Bucket Specifications and Compatibility

	Linkage	Width		Capacity		Weight		Fill	4.1 m (13'5") Standard Undercarriage		4.25 m (13'11") Medium Undercarriage	
									Reach Boom		Reach Boom	
		mm	in	m³	yd³	kg	lb	%	R2.25 m (7'5") Stick	R2.5 m (8'2") Stick	R2.25 m (7'5") Stick	R2.5 m (8'2") Stick
Pin-On (No Quick Coupler)												
General Duty	B	1256	50	1.00	1.31	802	1,768	95	☉	☉	☉	☉
Maximum load with pin-on (payload + bucket)								kg	2642	2514	2700	2570
								lb	5,825	5,542	5,952	5,666

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:

☉ 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

PIN-ON ATTACHMENTS

Boom Type	Reach Boom	
Stick Length	R2.25 m (7'5") Reach Stick	R2.5 m (8'2") Reach Stick
Hydraulic Hammers	H120GC S	✓

321 Standard and Optional Equipment

Standard and Optional Equipment

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

	Standard	Optional		Standard	Optional
ENGINE			CAB		
Cat C3.6 single turbo diesel engine	✓		Sound suppressed cab with viscous mounts	✓	
Three selectable modes: Power, Smart, Eco	✓		Front windshield guard (wire mesh)		✓
One-touch low idle with automatic engine speed control (AEC)	✓		Mechanical-suspension seat with headrest and armrest angle adjustment	✓	
Two stage fuel filtration system with water separator and indicator	✓		High-resolution 203 mm (8") LCD touchscreen monitor	✓	
4000 m (13,120 ft) altitude capability with derate from 3000 m (9,840 ft)	✓		Keyless push to start engine control	✓	
52 °C (126 °F) high-ambient cooling capacity with derate above 48 °C (118 °F)	✓		51 mm (2") orange seat belt	✓	
-10 °C (14 °F) cold start capability	✓		AM/FM Bluetooth® radio with USB/Auxiliary ports	✓	
100 Amp alternator	✓		Auto bi-level air conditioner with pressurized function	✓	
Radial sealed double element air filter	✓		Fixed left-side console	✓	
Electric fuel priming pump	✓		One-button joysticks	✓	
HYDRAULIC SYSTEM			24V DC outlet	✓	
Electronic main control valve	✓		Storage compartments	✓	
Hydraulic boom and stick regeneration circuits	✓		Cup holder	✓	
Automatic hydraulic warm up	✓		Coat hook	✓	
Single type electronic main pump	✓		Openable steel hatch	✓	
Automatic two speed travel	✓		Openable skylight	✓	
High performance hydraulic return filter	✓		Openable tempered front upper windshield	✓	
Hydraulic auxiliary lines (hammer)		✓	Rear window emergency exit	✓	
			Sun visor		✓
			Dome interior lights	✓	
			Washable floor mat	✓	

(continued on next page)

Standard and Optional Equipment *(continued)*

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

	Standard	Optional		Standard	Optional
UNDERCARRIAGE AND STRUCTURES			CAT TECHNOLOGY		
4.1 m (13'5") Standard undercarriage		✓	VisionLink™	✓ ¹	
4.25 m (13'11") Medium undercarriage		✓	SERVICE AND MAINTENANCE		
Grease lubricated track link	✓		Scheduled Oil Sampling (S·O·S SM) ports	✓	
Bottom guard	✓		Radiator screen for radiator/oil cooler to prevent plugging by debris	✓	
Center track guiding guard	✓		SAFETY AND SECURITY		
3650 kg (8,050 lb) counterweight	✓		Rearview mirrors; handrail mounted (one), cab handhold mounted (one)	✓	
600 mm (24") triple grouser track shoes	✓		Bolt free service platform with anti-skid plate	✓	
BOOM, STICK AND LINKAGE			Neutral lever (lock out) for all controls	✓	
5.7 m (18'8") Reach boom	✓		Ground level accessible secondary engine shutoff switch in cab	✓	
2.25 m (7'5") Reach stick		✓	Handrail and handhold	✓	
2.5 m (8'2") Reach stick		✓	Signaling/warning horn	✓	
Bucket linkage, B1 family with lifting eye	✓		Rearview camera		✓
ELECTRICAL SYSTEM			Travel alarm		✓
Two 750 CCA maintenance free batteries	✓				
Simplified electrohydraulic (EH) control system/harness	✓				
Centralized electrical disconnect switch	✓				
LED chassis and cab lights	✓				
LED left-side boom light	✓				
LED right-side boom light		✓			

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.

321 Attachments

Dealer Installed Kit and Attachments

Attachments may vary. Consult your Cat dealer for details.

CAB

- Right Hand (RH) Floor pedal for hammer
- Sun visor

GUARDS

- Cabin front windshield mesh guard

SAFETY AND SECURITY

- Travel alarm

OTHER ATTACHMENTS

- Rearview camera
- Hammer lines kit (R2.25 m [7'5"] stick)
- Track guiding guard kit
- 1.0 m³ (1.31 yd³) GD bucket reinforcement kit
- Ground Engaging Tools (GET) tip kit
- Adaptor kit

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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