



# 320 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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# 320 GC Hydraulic Excavator Specifications

## Engine

Engine Model	Cat® C4.4	
Net Power (ISO 9249)	107 kW	143 hp
Engine Power (ISO 14396)	108 kW	145 hp
Bore	105 mm	4 in
Stroke	127 mm	5 in
Displacement	4.4 L	269 in <sup>3</sup>

- Meets Brazil MAR-1 emission standards, equivalent to U.S. EPA Tier 3 and EU Stage IIIA.
- Recommended for use up to 4500 m (14,764 ft) altitude with engine power derate above 3000 m (9,842.5 ft).
- Advertised power is tested per the standard shown 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.
- Rated speed at 2,000 rpm.

## Swing Mechanism

Swing Speed	11.3 rpm	
Maximum Swing Torque	74.4 kN·m	54,900 lb·ft

## Weights

Operating Weight	19 800 kg	43,700 lb
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- Standard undercarriage, R2.9 (9'6") stick, GD 1.0 m<sup>3</sup> (1.31 yd<sup>3</sup>) bucket, 600 mm (24") triple grouser shoes, 3.7 mt (8,200 lb) counterweight.

## Track

Standard Track Shoes Width	600 mm	24 in
Optional Track Shoes Width	790 mm	31 in
Number of Shoes each side – STD undercarriage	45	
Number of Track Rollers each side – STD undercarriage	7	
Number of Carrier Rollers (each side)	2	

## Drive

Gradeability	35°/70%	
Maximum Travel Speed	5.7 km/h	3.5 mph
Maximum Drawbar Pull	206 kN	46,311 lbf

## Hydraulic System

Main System – Maximum Flow – Implement	429 L/min (215 × 2 pumps)	113 gal/min (57 × 2 pumps)
Maximum Pressure – Equipment	35 000 kPa	5,075 psi
Maximum Pressure – Travel	34 300 kPa	4,974 psi
Maximum Pressure – Swing	25 000 kPa	3,625 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

## Service Refill Capacities

Fuel Tank Capacity	345 L	86.6 gal
Cooling System	25 L	6.6 gal
Engine Oil	15 L	4.0 gal
Swing Drive (each)	12 L	3.2 gal
Final Drive (each)	4 L	1.1 gal
Hydraulic System (including tank)	234 L	61.8 gal
Hydraulic Tank	115 L	30.4 gal

## Standards

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

## Sound Performance

ISO 6395:2008 (external)	99 dB(A)
ISO 6396:2008 (inside cab)	70 dB(A)

- Hearing protection may be needed when operating with an open operator station and cab (when not properly maintained or doors/windows open) for extended periods or in a noisy environment.

# 320 GC Hydraulic Excavator Specifications

## Operating Weights and Ground Pressures

	600 mm (24") Triple Grouser Shoes		790 mm (31") Triple Grouser Shoes	
	Weight	Ground Pressure	Weight	Ground Pressure
	kg (lb)	kPa (psi)	kg (lb)	kPa (psi)
<b>3.7 mt (8,200 lb) Counterweight Standard Undercarriage Base Machine</b>				
Reach Boom + R2.9 (9'6") Stick + 1.0 m <sup>3</sup> (1.31 yd <sup>3</sup> ) GD Bucket	19 800 (43,700)	45.6 (6.6)	20 300 (44,800)	35.5 (5.1)

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

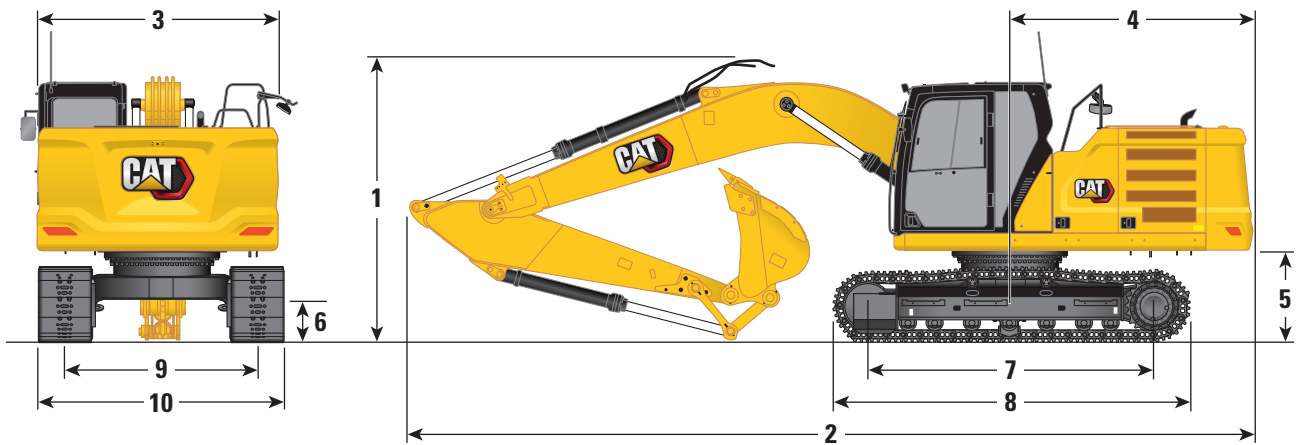
## Major Component Weights

	kg	lb
Base Machine (with 3.7 mt [8,200 lb] counterweight, standard swing frame, standard base frame with standard track rollers and standard carrier rollers for standard undercarriage, without boom cylinder – does not include 90% fuel and 75 kg [165 lb] operator)	13 200	29,100
Track Shoes:		
600 mm (24") Width, 8.5 mm (0.33") Thick Triple Grouser Track Shoes	2580	5,700
790 mm (31") Width, 10 mm (0.39") Thick Triple Grouser Track Shoes	3080	6,800
Two Boom Cylinders	340	700
Weight of 90% Fuel Tank and 75 kg (165 lb) Operator	310	700
Counterweight:		
3.7 mt Counterweight	3700	8,200
Swing Frame:		
Standard Swing Frame	1880	4,150
Undercarriage:		
Standard Base Frame with Standard Track Rollers and Standard Carrier Rollers	4030	8,900
Booms (including lines, pins, stick cylinder):		
Reach Boom (5.7 m/18'8")	1690	3,700
Sticks (including lines, pins, bucket cylinder, bucket linkage):		
Reach Stick (R2.9B1/9'6")	980	2,200
Buckets (without linkage):		
1.0 m <sup>3</sup> (1.31 yd <sup>3</sup> ) GD	730	1,600
Semi HD Reach Stick (R2.9B1/9'6")	1080	2,400

# 320 GC 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 Option

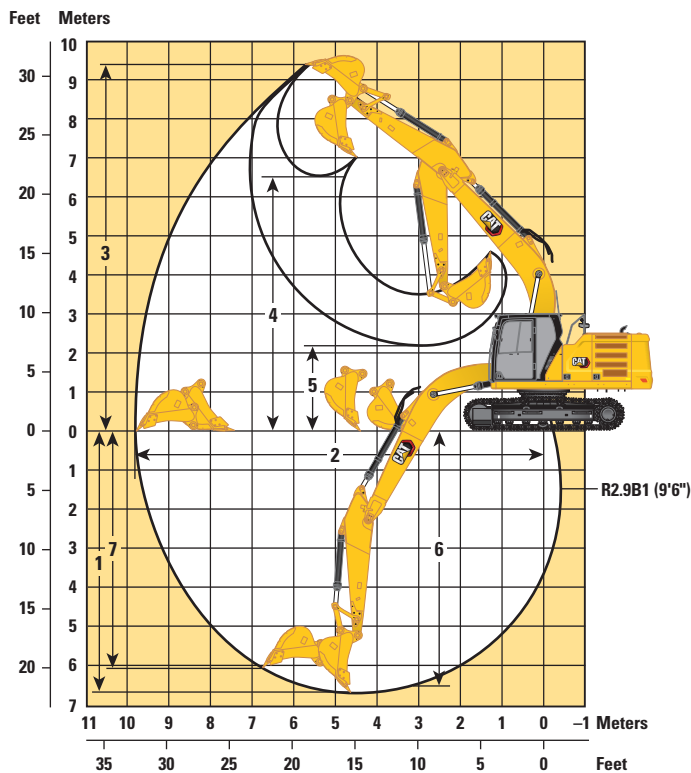
Reach Stick  
R2.9B1 (9'6")

<b>1</b> Machine Height:		
Top of Cab Height	2960 mm	9'9"
Top of FOGS Height	3100 mm	10'2"
Handrails Height	2950 mm	9'8"
With Boom/Stick/Bucket Installed	3160 mm	10'4"
With Boom/Stick Installed	2910 mm	9'7"
With Boom Installed	2480 mm	8'2"
<b>2</b> Machine Length:		
With Boom/Stick/Bucket Installed	9530 mm	31'3"
With Boom/Stick Installed	9500 mm	31'2"
With Boom Installed	8450 mm	27'9"
<b>3</b> Upperframe Width without Walkways	2780 mm	9'1"
<b>4</b> Tail Swing Radius	2830 mm	9'3"
<b>5</b> Counterweight Clearance	1050 mm	3'5"
<b>6</b> Ground Clearance	470 mm	1'7"
<b>7</b> Length to Center of Rollers	3270 mm	10'9"
<b>8</b> Track Length	4070 mm	13'4"
<b>9</b> Track Gauge	2200 mm	7'3"
<b>10</b> Undercarriage Width:		
600 mm (24") Shoes	2800 mm	9'2"
790 mm (31") Shoes	2990 mm	9'10"
Bucket Type		GD
Bucket Capacity	1.0 m <sup>3</sup>	1.31 yd <sup>3</sup>
Bucket Tip Radius	1580 mm	5'2"

# 320 GC 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")

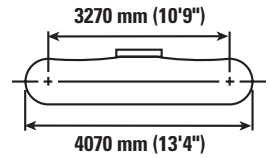
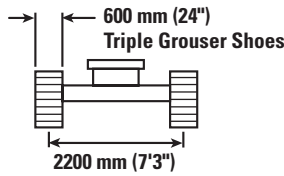
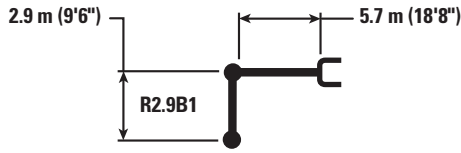
### Stick Option

Reach Stick  
R2.9B1 (9'6")

1 Maximum Digging Depth	6630 mm	21'9"
2 Maximum Reach at Ground Line	9770 mm	32'
3 Maximum Cutting Height	9440 mm	30'11"
4 Maximum Loading Height	6580 mm	21'7"
5 Minimum Loading Height	2260 mm	7'5"
6 Maximum Depth Cut for 2440 mm (8'0") Level Bottom	6460 mm	21'2"
7 Maximum Vertical Wall Digging Depth	6010 mm	19'8"
Bucket Digging Force (ISO)	129 kN	29,007 lbf
Stick Digging Force (ISO)	99 kN	22,301 lbf
Bucket Type	GD	
Bucket Capacity	1.0 m <sup>3</sup>	1.31 yd <sup>3</sup>
Bucket Tip Radius	1560 mm	5'1"

# 320 GC Hydraulic Excavator Specifications

## Reach Boom Lift Capacities – Counterweight: 3.7 mt (8,200 lb) – with Bucket Linkages, without Bucket



		1500 mm/60 in		3000 mm/120 in		4500 mm/180 in		6000 mm/240 in		7500 mm/300 in		mm in		
7500 mm 300 in	kg lb							*4350	*4350			*3750 *8,350	*3750 *8,350	6150 240
6000 mm 240 in	kg lb							*4950 *10,850	4500 9,700			*3500 *7,700	3250 7,250	7290 290
4500 mm 180 in	kg lb							*5450 *11,850	4350 9,350	4500 9,600	3050 6,550	*3450 *7,550	2750 6,050	7990 320
3000 mm 120 in	kg lb					*7950 *17,100	6250 13,500	6150 13,250	4150 8,900	4400 9,400	2950 6,350	*3500 *7,700	2500 5,500	8360 330
1500 mm 60 in	kg lb					9150 19,650	5800 12,450	5900 12,700	3900 8,400	4250 9,150	2850 6,100	3600 7,900	2400 5,250	8450 340
0 mm 0 in	kg lb			*5800 *13,300	*5800 *13,300	8850 18,950	5500 11,900	5750 12,300	3750 8,050	4200 9,000	2750 5,950	3650 8,050	2450 5,350	8260 330
-1500 mm -60 in	kg lb	*6200 *13,800	*6200 *13,800	*10 000 *22,700	*10 000 22,000	8750 18,750	5450 11,700	5650 12,150	3650 7,900	4150 8,950	2750 5,900	3950 8,700	2650 5,750	7780 310
-3000 mm -120 in	kg lb	*10 600 *23,800	*10 600 *23,800	*14 100 *30,500	10 450 22,400	8800 18,900	5500 11,850	5700 12,250	3700 8,000			4650 10,350	3100 6,850	6950 280
-4500 mm -180 in	kg lb			*11 250 *24,050	10 800 23,150	*8100 *17,200	5700 12,300					*6100 *13,450	4250 9,600	5600 220



ISO 10567



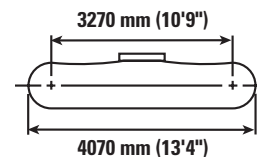
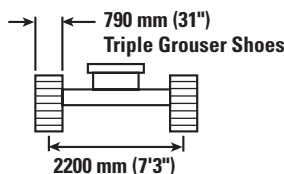
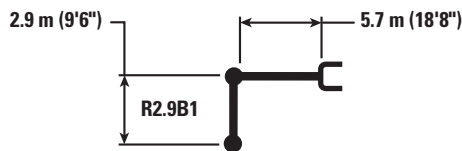
\*Indicates that the load is limited by hydraulic lifting capacity rather than tipping load. The above loads are in compliance with hydraulic excavator lift capacity standard ISO 10567:2007. They do not exceed 87% of hydraulic lifting capacity or 75% of tipping load. Weight of all lifting accessories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

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

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

# 320 GC Hydraulic Excavator Specifications

## Reach Boom Lift Capacities – Counterweight: 3.7 mt (8,200 lb) – with Bucket Linkages, without Bucket



		1500 mm/60 in		3000 mm/120 in		4500 mm/180 in		6000 mm/240 in		7500 mm/300 in		mm in		
7500 mm 300 in	kg lb							*4350	*4350			*3750 *8,350	*3750 *8,350	6150 240
6000 mm 240 in	kg lb							*4950 *10,850	4600 9,900			*3500 *7,700	3350 7,400	7290 290
4500 mm 180 in	kg lb							*5450 *11,850	4450 9,600	4600 9,900	3150 6,700	*3450 *7,550	2800 6,250	7990 320
3000 mm 120 in	kg lb					*7950 *17,100	6400 13,850	*6250 *13,550	4250 9,100	4500 9,700	3050 6,550	*3500 *7,700	2550 5,650	8360 330
1500 mm 60 in	kg lb					9400 20,150	5950 12,800	6050 13,050	4000 8,650	4400 9,450	2950 6,300	3700 8,100	2450 5,400	8450 340
0 mm 0 in	kg lb			*5800 *13,300	*5800 *13,300	9100 19,500	5700 12,200	5900 12,650	3850 8,300	4300 9,250	2850 6,100	3750 8,250	2500 5,500	8260 330
-1500 mm -60 in	kg lb	*6200 *13,800	*6200 *13,800	*10 000 *22,700	*10 000 22,600	9000 19,300	5600 12,050	5800 12,500	3800 8,150	4250 9,200	2850 6,100	4050 8,950	2700 5,950	7780 310
-3000 mm -120 in	kg lb	*10 600 *23,800	*10 600 *23,800	*14 100 *30,500	10 700 23,000	9050 19,450	5650 12,150	5850 12,600	3800 8,200			4800 10,650	3200 7,050	6950 280
-4500 mm -180 in	kg lb			*11 250 *24,050	11 100 23,800	*8100 *17,200	5850 12,650					*6100 *13,450	4400 9,850	5600 220



ISO 10567



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

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

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

# 320 GC Hydraulic Excavator Specifications

## Bucket Specifications and Compatibility – South America

	Linkage	Width		Capacity		Weight		Fill	3.7 mt (8,200 lb) Counterweight
		mm	in	m <sup>3</sup>	yd <sup>3</sup>	kg	lb		%
<b>Pin-On (No Quick Coupler)</b>									
Heavy Duty	B	1050	42	1.00	1.31	892	1,967	100	⊖
	B	1200	48	1.19	1.56	928	2,046	100	○
Heavy Duty Spade	B	1350	54	1.40	1.83	1025	2,260	100	X
Severe Duty	B	1200	48	1.19	1.56	1038	2,289	90	○
Severe Duty Spade	B	1200	48	1.20	1.57	1011	2,229	90	○
Maximum load with pin-on (payload + bucket)								kg	2425
								lb	5,346
	Linkage	Width		Capacity		Weight		Fill	3.7 mt (8,200 lb) Counterweight
		mm	in	m <sup>3</sup>	yd <sup>3</sup>	kg	lb		%
<b>With Cat Pin Grabber Coupler</b>									
Heavy Duty	B	1050	42	1.00	1.31	892	1,967	100	◇
	B	1200	48	1.19	1.56	928	2,046	100	◇
Heavy Duty Spade	B	1350	54	1.40	1.83	1025	2,260	100	X
Severe Duty	B	1200	48	1.19	1.56	1038	2,289	90	◇
Severe Duty Spade	B	1200	48	1.20	1.57	1011	2,229	90	◇
Maximum load with coupler (payload + bucket)								kg	2006
								lb	4,423

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:

⊖ 1500 kg/m<sup>3</sup> (2,500 lb/yd<sup>3</sup>)

○ 1200 kg/m<sup>3</sup> (2,000 lb/yd<sup>3</sup>)

◇ 900 kg/m<sup>3</sup> (1,500 lb/yd<sup>3</sup>)

X Not Recommended

Caterpillar recommends using appropriate work tools to maximize the value customers receive from our products. Use of work tools, including buckets, which are outside of Caterpillar's recommendations or specifications for weight, dimensions, flows, pressures, etc. may result in less-than-optimal performance, including but not limited to reductions in production, stability, reliability, and component durability. Improper use of a work tool resulting in sweeping, prying, twisting and/or catching of heavy loads will reduce the life of the boom and stick.



# 320 GC Hydraulic Excavator Specifications

## Bucket Specifications and Compatibility – Southeast Asia

	Linkage	Width		Capacity		Weight		Fill	3.7 mt (8,200 lb) Counterweight
		mm	in	m <sup>3</sup>	yd <sup>3</sup>	kg	lb		%
<b>Pin-On (No Quick Coupler)</b>									
General Duty	B	1150	46	0.90	1.18	786	1,733	100	⊙
	B	1250	50	1.00	1.31	820	1,808	100	⊖
General Duty Excavation	B	1400	56	1.14	1.49	858	1,891	100	X
Heavy Duty	B	1050	43	1.00	1.31	884	1,948	100	⊖
	B	1200	49	1.19	1.56	955	2,105	100	○
	B	1350	54	1.38	1.81	1018	2,244	100	X
Heavy Duty	B	1050	42	1.00	1.31	901	1,987	100	⊖
Severe Duty	B	1100	43	1.00	1.31	965	2,128	90	⊖
	B	1250	49	1.19	1.56	1063	2,343	90	○
Maximum load with pin-on (payload + bucket)								kg	2425
								lb	5,346
	Linkage	Width		Capacity		Weight		Fill	3.7 mt (8,200 lb) Counterweight
		mm	in	m <sup>3</sup>	yd <sup>3</sup>	kg	lb		%

### With Cat Pin Grabber Coupler

General Duty	B	1150	46	0.90	1.18	786	1,733	100	○
	B	1250	50	1.00	1.31	820	1,808	100	○
General Duty Excavation	B	1400	56	1.14	1.49	858	1,891	100	◇
Heavy Duty	B	1200	49	1.19	1.56	955	2,105	100	◇
Heavy Duty	B	1050	42	1.00	1.31	901	1,987	100	◇
Severe Duty	B	1100	43	1.00	1.31	965	2,128	90	○
	B	1250	49	1.19	1.56	1,063	2,343	90	◇
Maximum load with coupler (payload + bucket)								kg	2006
								lb	4,423

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/m<sup>3</sup> (3,000 lb/yd<sup>3</sup>)
- ⊖ 1500 kg/m<sup>3</sup> (2,500 lb/yd<sup>3</sup>)
- 1200 kg/m<sup>3</sup> (2,000 lb/yd<sup>3</sup>)
- ◇ 900 kg/m<sup>3</sup> (1,500 lb/yd<sup>3</sup>)
- X Not Recommended

Caterpillar recommends using appropriate work tools to maximize the value customers receive from our products. Use of work tools, including buckets, which are outside of Caterpillar's recommendations or specifications for weight, dimensions, flows, pressures, etc. may result in less-than-optimal performance, including but not limited to reductions in production, stability, reliability, and component durability. Improper use of a work tool resulting in sweeping, prying, twisting and/or catching of heavy loads will reduce the life of the boom and stick.

# 320 GC Hydraulic Excavator Specifications

## Attachments Offering Guide – South America, Brazil

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

<input checked="" type="checkbox"/> Match	<input type="checkbox"/> * Working range front only	<input type="checkbox"/> † Allowed usage on machine less than 50%	<input checked="" type="checkbox"/> 1800 kg/m <sup>3</sup> (3,000 lb/yd <sup>3</sup> )	<input type="checkbox"/> 1200 kg/m <sup>3</sup> (2,000 lb/yd <sup>3</sup> )
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### PIN-ON ATTACHMENTS

Counterweight	3.7 mt (8,200 lb)	
Boom Type	Reach	
Stick Length	2.9 m (9'6")	
Hydraulic Hammers	H115 S	✓
	H120 GC	✓
	H120 GC Side Mount	✓
	H120 GC S	✓
	H120 S	✓
	H130 S	✓†
Multi-Processors	MP318 Concrete Cutter Jaw	✓
	MP318 Demolition Jaw	✓
	MP318 Pulverizer Jaw	✓*
	MP318 Shear Jaw	✓
	MP318 Universal Jaw	✓
Demolition and Sorting Grapples	G318	✓
Mobile Scrap and Demolition Shears	S3025	✓*
Pulverizers	P215	✓
Orange Peel Grapples	GSH420-500	●
	GSH420-600	●
	GSH420-750	○
	GSH520-500	●
	GSH520-600	○

(continued on next page)

# 320 GC Hydraulic Excavator Specifications

## Attachments Offering Guide – South America, Brazil *(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%

### CAT PIN GRABBER COUPLER ATTACHMENTS

Counterweight		3.7 mt (8,200 lb)
Boom Type		Reach
Stick Length		2.9 m (9'6")
Hydraulic Hammers	H115 S	✓
	H120 GC	✓†*
	H120 GC Side Mount	✓†
	H120 GC S	✓†
	H120 S	✓†
	H130 S	✓†*
Pulverizers	P215	✓*

### BOOM-MOUNT ATTACHMENTS

Counterweight		3.7 mt (8,200 lb)
Boom Type		Reach
Mobile Scrap and Demolition Shears	S2050	✓*
	S3035	✓

# 320 GC Hydraulic Excavator Specifications

## Attachments Offering Guide – Southeast Asia

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

### PIN-ON ATTACHMENTS

Counterweight		3.7 mt (8,200 lb)	
Boom Type		Reach	
Stick Length		2.5 m (8'2")	2.9 m (9'6")
Hydraulic Hammers	H115 S	✓	✓
	H120 GC	✓	✓
	H120 GC S	✓	✓
	H120 S	✓	✓
	H130 GC	✓†*	
	H130 GC S	✓†	
	H130 S	✓	✓†
Compactors (Vibratory Plate)	CVP110	✓	✓

NOTE: No pin grabber matches listed.

# 320 GC Hydraulic Excavator Specifications

## Attachments Offering Guide – Pacific

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%

### PIN-ON ATTACHMENTS

Counterweight		3.7 mt (8,200 lb)
Boom Type		Reach
Stick Length		2.9 m (9'6")
Hydraulic Hammers	H115 S	✓
	H120 GC	✓
	H120 GC S	✓
	H120 S	✓
	H130 S	✓†
Demolition and Sorting Grapples	G318	✓
Mobile Scrap and Demolition Shears	S3025	✓

### CAT PIN GRABBER COUPLER ATTACHMENTS

Counterweight		3.7 mt (8,200 lb)
Boom Type		Reach
Stick Length		2.9 m (9'6")
Hydraulic Hammers	H120 GC	✓†
	H120 GC S	✓†
	H120 S	✓†
	H130 S	✓†
Demolition and Sorting Grapples	G318	✓*

# 320 GC Standard and Optional Equipment

## Standard and Optional Equipment

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

	Standard	Optional		Standard	Optional
<b>CAB</b>			<b>HYDRAULIC SYSTEM</b>		
ROPS, standard sound suppression	✓		Boom and stick regeneration circuits	✓	
High-resolution 203 mm (8") LCD touchscreen monitor	✓		Electronic main control valve	✓	
Auto bi-level air conditioner	✓		Auto warm up	✓	
Jog dial and shortcut keys for monitor control	✓		Auto two-speed travel	✓	
Keyless push-to-start engine control	✓		Boom and stick drift reduction valve	✓	
Height-adjustable console, three steps with tool	✓		Element type main hydraulic filter	✓	
Fixed left-side console	✓		Three button joysticks	✓	
Mechanically adjustable seat suspension	✓		Slider joysticks		✓
51 mm (2") orange seat belt	✓		Tandem type electronic main pump	✓	
Bluetooth® integrated radio (no USB, aux port or microphone)	✓		Hammer return filter circuit		✓
12V DC outlets	✓		Basic Tool Control (one pump, one way high-pressure flow)		✓
Document storage	✓		Advanced Tool Control (two pump, one/two way high-pressure flow)		✓
Cup and bottle holders	✓		Quick coupler circuit for Cat Pin Grabber		✓
Openable two-piece front window	✓		Operating pattern (four way)		✓
Upper radial wiper with washer	✓		Standard fluids	✓	
Openable steel hatch	✓		Multi viscous hydraulic oil	✓	
LED dome light	✓		Arctic fluids (include grease, engine oil, hydraulic oil)		✓
Roller front sunscreen	✓		<b>UNDERCARRIAGE AND STRUCTURES</b>		
Roller rear sunscreen		✓	600 mm (24") triple grouser track shoes		✓
Rear window emergency exit	✓		790 mm (31") triple grouser track shoes		✓
Washable floor mat	✓		Tie-down points on base frame	✓	
Beacon ready	✓		Center track guiding guard	✓	
<b>ENGINE</b>			Bottom guards	✓	
Two selectable power modes	✓		Travel motor guards	✓	
Automatic engine speed control	✓		Grease lubricated track links	✓	
Automatic engine idle shutdown	✓		3.7 mt (8,200 lb) counterweight	✓	
Work up to 3000 m (9,842.5 ft) above sea level without engine power de-rating	✓				
52° C (125° F) high-ambient cooling capacity	✓				
Cold starting capability for -32° C (-25° F)		✓			
Double element air filter with integrated pre-cleaner	✓				
Electric fuel priming pump	✓				
Electric cooling fans with auto-reverse function	✓				
Biodiesel capability up to B20	✓				

(continued on next page)

# 320 GC Standard and Optional Equipment

## Standard and Optional Equipment *(continued)*

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

	Standard	Optional		Standard	Optional
<b>BOOM, STICKS AND LINKAGES</b>			<b>SERVICE AND MAINTENANCE</b>		
5.7 m (18'8") Reach boom	✓		S-O-S <sup>SM</sup> sampling ports	✓	
2.9 m (9'6") Reach stick	✓		Grouped location for engine oil and fuel filters	✓	
2.9 m (9'6") Semi HD Reach stick		✓	Ground-level second dipstick for engine oil	✓	
Bucket linkage, B1-family with lifting eye	✓		Radiator screen		✓
Bucket linkage, B1-family without lifting eye		✓	Side entry to service platform	✓	
<b>ELECTRICAL SYSTEM</b>			<b>SAFETY AND SECURITY</b>		
1,000 CCA maintenance-free batteries (×2)	✓		Rearview camera and right-side mirror	✓	
Centralized electrical disconnect switch	✓		Rearview and right-hand sideview cameras		✓
Programmable time-delay LED working lights	✓		Cat PL161 Attachment Locator		✓
LED chassis light and LH boom light – 1,800 lumens	✓		Neutral lever (lock out) for all controls	✓	
LED chassis light, LH and RH boom lights, cab lights – 1,800 lumens		✓	Anti-skid plate and countersunk bolts on service platform	✓	
<b>CAT TECHNOLOGY</b>			Ground-level accessible secondary engine shutoff switch in cab		
Cat Product Link™	✓		RH handrail and handhold (ISO 2867:2011 compliant)	✓	
Auto hammer stop	✓		Travel alarm		✓

# 320 GC Attachments

## Dealer Installed Kit and Attachments

Attachments may vary. Consult your Cat dealer for details.

### CAB

- RH and LH electrical pedal
- Polycarbonate roof hatch
- Radial lower wiper for 70/30 with washer
- P5A laminated glass front windshield and roof hatch

### SAFETY AND SECURITY

- Seat belt, retractable (75 mm/3" width)
- Bluetooth receiver

### SERVICE AND MAINTENANCE

- Grease gun holder

### GUARDS

- FOGS (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
- Swivel guard
- Full protecting vandalism guard



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