

# 320 GC, GC Narrow

## Hydraulic Excavators

# 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 | 109 kW | 146 hp |
| ISO 9249 (DIN) | 148 hp (metric) | |
| Engine Power | | |
| ISO 14396 | 110 kW | 148 hp |
| ISO 14396 (DIN) | 150 hp (metric) | |
| Bore | 105 mm | 4 in |
| Stroke | 127 mm | 5 in |
| Displacement | 4.4 L | 269 $in^3$ |
| Biodiesel Capability | Up to B20(1) | |

- Meets U.S. EPA Tier 4 Final, EU Stage V, and Japan 2014 emission standards.
- 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 specified standard in effect at the time of manufacture.
- Net power advertised is the power available at the flywheel when the engine is equipped with fan, air intake system, exhaust system and alternator.
- Engine speed at 2,200 rpm.

(1)Cat diesel engines are required to use ULSD (ultra-low sulfur diesel fuel with 15 ppm of sulfur or less) and are compatible* with ULSD blended with the following lower-carbon intensity fuels** up to:

- ✓ 20% biodiesel FAME (fatty acid methyl ester)***
- ✓ 100% renewable diesel, HVO (hydrogenated vegetable oil) and GTL (gas-to-liquid) fuels

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

**While Caterpillar engines are compatible with these alternative fuels, some regions may not allow their use.*

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

****Engines with no aftertreatment devices are compatible with higher blends, up to 100% biodiesel (for use of blends higher than 20% biodiesel, consult your Cat dealer).*

## Swing Mechanism

| | | |
|---|---|---|
| Swing Speed* | 11.6 rpm | |
| Maximum Swing Torque | 74.4 kN·m | 54,900 lbf·ft |

*For CE-marked machine default value may be set lower.

## Weights

| | | |
|---|---|---|
| Operating Weight | 22 000 kg | 48,500 lb |

- Long undercarriage, Reach boom, R2.9 (9'6") stick, General Duty (GD) 1.0 m3 (1.31 yd3) bucket, 700 mm (28 in) triple grouser shoes and 4200 kg (9,300 lb) counterweight.

## Track

| | | |
|---|---|---|
| Optional Track Shoes Width | 600 mm | 24 in |
| Optional Track Shoes Width | 700 mm | 28 in |
| Optional Track Shoes Width | 790 mm | 31 in |
| Optional Track Shoes Width | 900 mm | 35 in |
| Number of Shoes (each side) | 49 | |
| Number of Track Rollers (each side) | 8 | |
| Number of Carrier Rollers (each side) | 2 | |

## Drive

| | | |
|---|---|---|
| Gradeability | 35°/70% | |
| Maximum Travel Speed | 5.9 km/h | 3.6 mph |
| Maximum Drawbar Pull | 200 kN | 45,000 lbf |

## Hydraulic System

| | | |
|---|---|---|
| Main System – Maximum Flow – Implement | 442 L/min (221 × 2 pumps) | 117 gal/min (58.5 × 2 pumps) |
| Maximum Pressure – Equipment – Normal | 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 | 91.1 gal |
| Cooling System | 25 L | 6.6 gal |
| Engine Oil | 15 L | 4.0 gal |
| Swing Drive | 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 |
| Diesel Exhaust Fluid (DEF) Tank | 39 L | 10.3 gal |

## Standards

| | |
|---|---|
| Brakes | ISO 10265:2008 |
| Cab/Rollover Protective Structure (ROPS) | ISO 12117-2:2008 |
| Operator Protective Guards (OPG) (optional) | ISO 10262:1998 Level II |

## Sound Performance

| | |
|---|---|
| ISO 6395:2008 (external) | 101 dB(A) |
| ISO 6396:2008 (inside cab) | 70 dB(A) |

- External Sound – The labeled spectator sound power level represents the Guaranteed Value per 2000/14/EC, when properly equipped, and is measured according to the test procedures and conditions specified in ISO 6395:2008. The measurements were conducted at 70% of the maximum engine cooling fan speed.
- Internal Sound – The operator sound pressure level is measured according to the test procedures and conditions specified in ISO 6396:2008 for a cab offered by Caterpillar, when properly installed and maintained and tested with the door and windows closed. The measurements were conducted at 70% of the maximum engine cooling fan speed.
- Hearing protection may be needed when operating with an open operator station and cab (when not properly maintained for doors/windows open) for extended periods or in noisy environment(s).

## Air Conditioning System

The air conditioning system on this machine contains the fluorinated greenhouse gas refrigerant R134a or R1234yf. See the label or instruction manual for identification of the gas.

– If equipped with R134a (Global Warming Potential = 1430), the system contains 0.85 kg (1.9 lb) of refrigerant which has a $CO_2$ equivalent of 1.216 metric tonnes (1.340 tons).

– If equipped with R1234yf (Global Warming Potential = 0.501), the system contains 0.75 kg (1.7 lb) of refrigerant which has a $CO_2$ equivalent of 0.001 metric tonnes (0.001 tons).

# 320 GC Hydraulic Excavator Specifications

## Operating Weights and Ground Pressures

| | 600 mm (24 in) Triple Grouser Shoes | | 700 mm (28 in) Triple Grouser Shoes | | 790 mm (31 in) Triple Grouser Shoes | | 900 mm (35 in) Triple Grouser Shoes | |
|---|---|---|---|---|---|---|---|---|
| | Weight | Ground Pressure | Weight | Ground Pressure | Weight | Ground Pressure | Weight | Ground Pressure |
| **Base Machine Configurations** | kg (lb) | kPa (psi) | kg (lb) | kPa (psi) | kg (lb) | kPa (psi) | kg (lb) | kPa (psi) |
| **Base Frame with Track Rollers and Carrier Rollers** | | | | | | | | |
| **4.2 mt (9,300 lb) Counterweight + Long Undercarriage Base Machine** | | | | | | | | |
| Reach Boom + R2.9 (9'6") Stick + 1.0 $m^3$ (1.31 $yd^3$) GD Bucket | 21 600 (47,600) | 44.9 (6.5) | 22 000 (48,500) | 39.2 (5.7) | 22 200 (49,000) | 35.1 (5.1) | 22 500 (49,600) | 31.2 (4.5) |

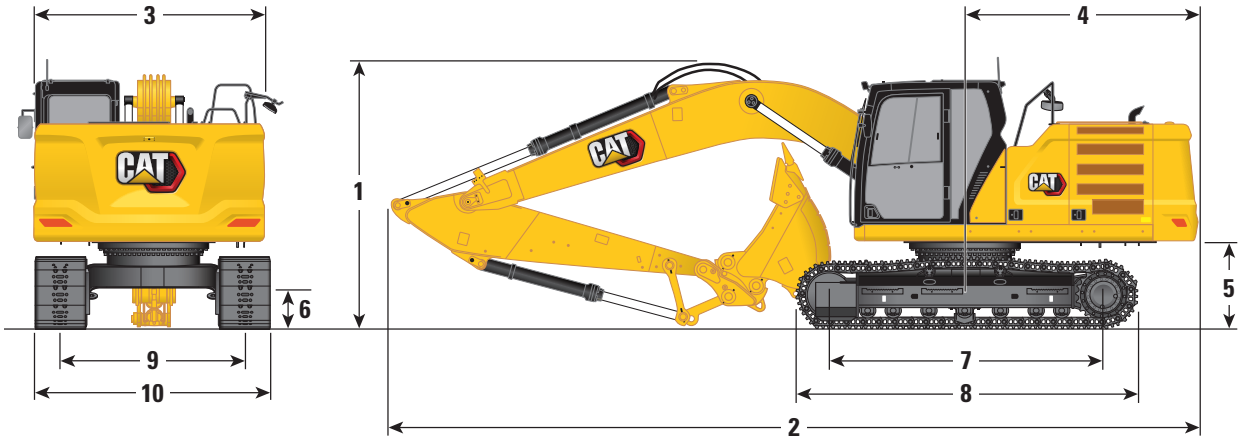
All operating weights include a 90% fuel tank with 75 kg (165 lb) operator.

## Major Component Weights

| | kg | lb |
|---|---|---|
| Base Machine Weight (with 4.2 mt [9,300 lb] counterweight, upper frame, long undercarriage with track rollers – does not include boom cylinders, boom, stick, bucket, stick cylinder, bucket cylinder, tracks, 90% fuel tank and 75 kg [165 lb] operator). | 14 800 | 32,600 |
| Track Shoes: | | |
| 600 mm (24 in) Width, 8.5 mm (0.33") Thick Triple Grouser Track Shoes | 2600 | 5,700 |
| 700 mm (28 in) Width, 10 mm (0.39") Thick Triple Grouser Track Shoes | 3020 | 6,700 |
| 790 mm (31 in) Width, 10 mm (0.39") Thick Triple Grouser Track Shoes with Step Extension | 3290 | 7,300 |
| 900 mm (35 in) Width, 10 mm (0.39") Thick Triple Grouser Track Shoes with Step Extension | 3570 | 7,900 |
| Two Boom Cylinders | 340 | 700 |
| Weight of 90% Fuel Tank and 75 kg (165 lb) Operator | 310 | 700 |
| Counterweight: | | |
| 4.2 mt (9,300 lb) Counterweight | 4200 | 9,300 |
| Swing Frame: | | |
| Swing Frame | 1910 | 4,200 |
| Undercarriage: | | |
| Standard Base Frame with Heavy Duty (HD) Track Rollers and Standard Carrier Rollers for Long Undercarriage | 4390 | 9,700 |
| Boom (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 R2.5 (8'2") | 1020 | 2,200 |
| Reach Stick R2.9 (9'6") | 1080 | 2,400 |
| Bucket (without linkage): | | |
| 1.0 $m^3$ (1.31 $yd^3$) GD | 735 | 1,600 |
| Quick Couplers (QC): | | |
| CW Dedicated QC | 230 | 500 |
| Pin Grabber QC | 390 | 900 |

## Dimensions

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

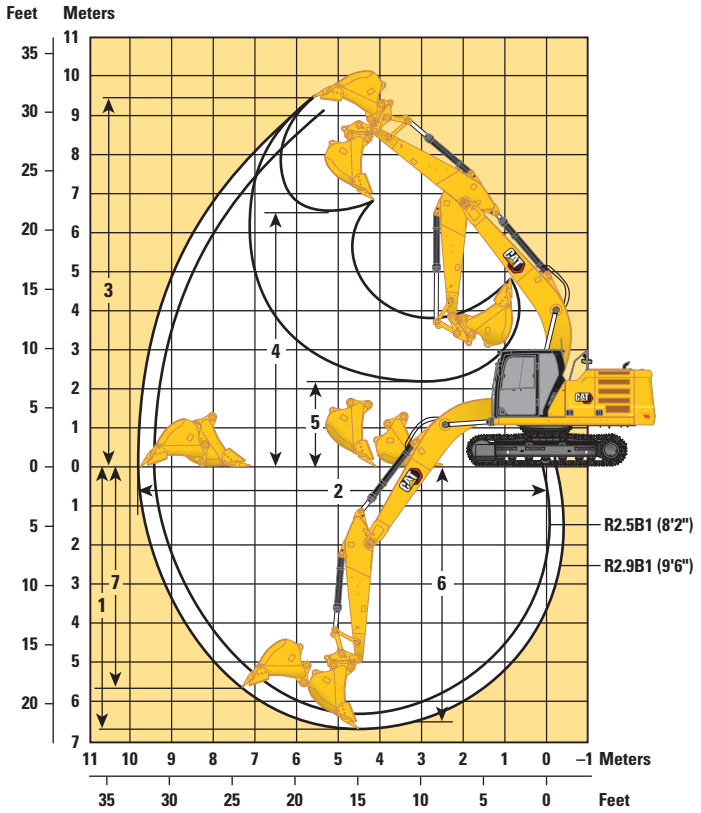



| Boom Option | Reach Boom 5.7 m (18'8") | | | |
|---|---|---|---|---|
| **Stick Options** | **Reach Stick R2.9B1 (9'6")** | | **Reach Stick R2.5B1 (8'2")** | |
| **1** Machine Height: | | | | |
| Top of Cab Height | 2960 mm | 9'8" | 2960 mm | 9'8" |
| Top of OPG Height | 3100 mm | 10'2" | 3100 mm | 10'2" |
| Handrail Height | 2950 mm | 9'8" | 2950 mm | 9'8" |
| With Boom/Stick/Bucket Installed | 3160 mm | 10'4" | 3080 mm | 10'1" |
| With Boom/Stick Installed | 2910 mm | 9'6" | 2830 mm | 9'3" |
| With Boom Installed | 2480 mm | 8'1" | 2480 mm | 8'1" |
| **2** Machine Length: | | | | |
| With Boom/Stick/Bucket Installed | 9530 mm | 31'3" | 9530 mm | 31'3" |
| With Boom/Stick Installed | 9500 mm | 31'1" | 9480 mm | 31'1" |
| With Boom Installed | 8450 mm | 27'8" | 8450 mm | 27'8" |
| **3** Upperframe Width | 2780 mm | 9'1" | 2780 mm | 9'1" |
| **4** Tail Swing Radius | 2830 mm | 9'3" | 2830 mm | 9'3" |
| **5** Counterweight Clearance | 1050 mm | 3'5" | 1050 mm | 3'5" |
| **6** Ground Clearance | 470 mm | 1'6" | 470 mm | 1'6" |
| **7** Length to Center of Rollers | 3650 mm | 11'11" | 3650 mm | 11'11" |
| **8** Track Length | 4450 mm | 14'7" | 4450 mm | 14'7" |
| **9** Track Gauge | 2380 mm | 7'9" | 2380 mm | 7'9" |
| **10** Undercarriage Width: | | | | |
| 600 mm (24 in) Shoes | 2980 mm | 9'9" | 2980 mm | 9'9" |
| 700 mm (28 in) Shoes | 3080 mm | 10'1" | 3080 mm | 10'1" |
| 790 mm (31 in) Shoes | 3170 mm | 10'4" | 3170 mm | 10'4" |
| 900 mm (35 in) Shoes | 3280 mm | 10'9" | 3280 mm | 10'9" |
| Bucket Type | GD | | GD | |
| Bucket Capacity | 1.0 m3 | 1.31 yd3 | 1.0 m3 | 1.31 $yd^3$ |
| Bucket Tip Radius | 1570 mm | 5'1" | 1570 mm | 5'1" |

# 320 GC Hydraulic Excavator Specifications

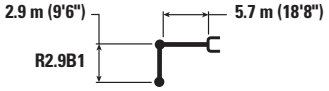
## Working Ranges

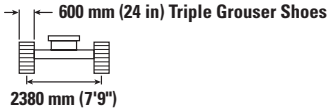
All dimensions are approximate and may vary depending on bucket selection.

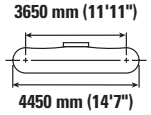



| Boom Option | Reach Boom 5.7 m (18'8") | | | |
|---|---|---|---|---|
| **Stick Options** | **Reach Stick R2.9B1 (9'6")** | | **Reach Stick R2.5B1 (8'2")** | |
| **1** Maximum Digging Depth | 6720 mm | 22'0" | 6300 mm | 20'8" |
| **2** Maximum Reach at Ground Line | 9860 mm | 32'4" | 9470 mm | 31'0" |
| **3** Maximum Cutting Height | 9450 mm | 31'0" | 9250 mm | 30'4" |
| **4** Maximum Loading Height | 6490 mm | 21'3" | 6290 mm | 20'7" |
| **5** Minimum Loading Height | 2170 mm | 7'1" | 2590 mm | 8'5" |
| **6** Maximum Depth Cut for 2440 mm (8'0") Level Bottom | 6550 mm | 21'5" | 6110 mm | 20'0" |
| **7** Maximum Vertical Wall Digging Depth | 5690 mm | 18'8" | 5290 mm | 17'4" |
| Bucket Digging Force (ISO) | 129 kN | 28,935 lbf | 129 kN | 28,935 lbf |
| Stick Digging Force (ISO) | 99 kN | 22,281 lbf | 110 kN | 24,688 lbf |
| Bucket Type | GD | | GD | |
| Bucket Capacity | 1.0 m3 | 1.31 $yd^3$ | 1.0 m3 | 1.31 $yd^3$ |
| Bucket Tip Radius | 1570 mm | 5'1" | 1570 mm | 5'1" |

## Reach Boom Lift Capacities – Counterweight: 4.2 mt (9,300 lb) – without Bucket

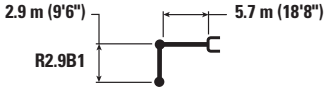


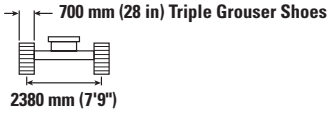



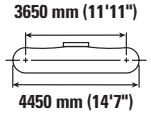




| | | 1500 mm/60 in | | 3000 mm/120 in | | 4500 mm/180 in | | 6000 mm/240 in | | 7500 mm/300 in | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | mm<br>in |
| 7500 mm<br>**300 in** | kg<br>**lb** | | | | | | | *4350 | *4350 | | | *3750<br>***8,350** | *3750<br>***8,350** | 6150<br>**240** |
| 6000 mm<br>**240 in** | kg<br>**lb** | | | | | | | *4950<br>***10,900** | *4950<br>***10,900** | | | *3500<br>***7,650** | *3500<br>***7,650** | 7290<br>**290** |
| 4500 mm<br>**180 in** | kg<br>**lb** | | | | | | | *5450<br>***11,850** | 5300<br>**11,450** | *5150<br>***10,950** | 3800<br>**8,100** | *3400<br>***7,500** | 3400<br>***7,500** | 7990<br>**320** |
| 3000 mm<br>**120 in** | kg<br>**lb** | | | | | *7950<br>***17,150** | 7750<br>**16,700** | *6250<br>***13,600** | 5100<br>**10,950** | *5450<br>***11,900** | 3700<br>**7,900** | *3500<br>***7,650** | 3100<br>**6,850** | 8360<br>**330** |
| 1500 mm<br>**60 in** | kg<br>**lb** | | | | | *9650<br>***20,800** | 7250<br>**15,650** | *7100<br>***15,400** | 4850<br>**10,500** | 5550<br>**11,900** | 3550<br>**7,650** | *3700<br>***8,100** | 3000<br>**6,600** | 8450<br>**340** |
| 0 mm<br>**0 in** | kg<br>**lb** | | | *5800<br>***13,250** | *5800<br>***13,250** | *10 600<br>***22,900** | 7000<br>**15,050** | 7500<br>**16,150** | 4700<br>**10,150** | 5450<br>**11,700** | 3500<br>**7,500** | *4100<br>***9,000** | 3050<br>**6,750** | 8260<br>**330** |
| –1500 mm<br>**–60 in** | kg<br>**lb** | *6150<br>***13,800** | *6150<br>***13,800** | *10 000<br>***22,700** | *10 000<br>***22,700** | *10 700<br>***23,150** | 6900<br>**14,850** | 7450<br>**16,000** | 4650<br>**10,000** | 5400<br>**11,650** | 3450<br>**7,450** | *4800<br>***10,600** | 3300<br>**7,250** | 7780<br>**310** |
| –3000 mm<br>**–120 in** | kg<br>**lb** | *10 600<br>***23,800** | *10 600<br>***23,800** | *14 150<br>***30,650** | 13 450<br>**28,750** | *10 000<br>***21,600** | 6950<br>**15,000** | *7450<br>***15,950** | 4650<br>**10,050** | | | 6100<br>***13,400** | 3850<br>**8,550** | 6950<br>**280** |
| –4500 mm<br>**–180 in** | kg<br>**lb** | | | *11 300<br>***24,200** | *11 300<br>***24,200** | *8150<br>***17,300** | 7150<br>**15,450** | | | | | *6150<br>***13,500** | 5300<br>**11,950** | 5600<br>**220** |

## Reach Boom Lift Capacities – Counterweight: 4.2 mt (9,300 lb) – without Bucket




| | | 1500 mm/60 in | | 3000 mm/120 in | | 4500 mm/180 in | | 6000 mm/240 in | | 7500 mm/300 in | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | mm<br>in |
| 7500 mm<br>**300 in** | kg<br>**lb** | | | | | | | *4350 | *4350 | | | *3750<br>***8,350** | *3750<br>***8,350** | 6150<br>**240** |
| 6000 mm<br>**240 in** | kg<br>**lb** | | | | | | | *4950<br>***10,900** | *4950<br>***10,900** | | | *3500<br>***7,650** | *3500<br>***7,650** | 7290<br>**290** |
| 4500 mm<br>**180 in** | kg<br>**lb** | | | | | | | *5450<br>***11,850** | 5350<br>**11,550** | *5150<br>***10,950** | 3800<br>**8,150** | *3400<br>***7,500** | *3400<br>***7,500** | 7990<br>**320** |
| 3000 mm<br>**120 in** | kg<br>**lb** | | | | | *7950<br>***17,150** | 7800<br>**16,850** | *6250<br>***13,600** | 5150<br>**11,050** | *5450<br>***11,900** | 3700<br>**8,000** | *3500<br>***7,650** | 3150<br>**6,950** | 8360<br>**330** |
| 1500 mm<br>**60 in** | kg<br>**lb** | | | | | *9650<br>***20,800** | 7350<br>**15,800** | *7100<br>***15,400** | 4900<br>**10,600** | 5600<br>**12,000** | 3600<br>**7,750** | *3700<br>***8,100** | 3050<br>**6,700** | 8450<br>**340** |
| 0 mm<br>**0 in** | kg<br>**lb** | | | *5800<br>***13,250** | *5800<br>***13,250** | *10 600<br>***22,900** | 7050<br>**15,200** | 7600<br>**16,300** | 4750<br>**10,250** | 5500<br>**11,800** | 3500<br>**7,550** | *4100<br>***9,000** | 3100<br>**6,800** | 8260<br>**330** |
| –1500 mm<br>**–60 in** | kg<br>**lb** | *6150<br>***13,800** | *6150<br>***13,800** | *10 000<br>***22,700** | *10 000<br>***22,700** | *10 700<br>***23,150** | 7000<br>**15,000** | 7500<br>**16,150** | 4700<br>**10,050** | 5450<br>**11,750** | 3500<br>**7,500** | *4800<br>***10,600** | 3350<br>**7,350** | 7780<br>**310** |
| –3000 mm<br>**–120 in** | kg<br>**lb** | *10 600<br>***23,800** | *10 600<br>***23,800** | *14 150<br>***30,650** | 13 550<br>**29,000** | *10 000<br>***21,600** | 7050<br>**15,150** | *7450<br>***15,950** | 4700<br>**10,150** | | | *6100<br>***13,400** | 3900<br>**8,650** | 6950<br>**280** |
| –4500 mm<br>**–180 in** | kg<br>**lb** | | | *11 300<br>***24,200** | *11 300<br>***24,200** | *8150<br>***17,300** | 7250<br>**15,600** | | | | | *6150<br>***13,500** | 5350<br>**12,050** | 5600<br>**220** |

* **ISO 10567:2007**

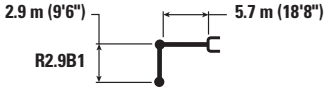
* Indicates that the load is limited by hydraulic lifting capacity rather than tipping load. The above loads are in compliance with hydraulic excavator lift capacity standard ISO 10567:2007. They do not exceed 87% of hydraulic lifting capacity or 75% of tipping load. Weight of all lifting accessories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

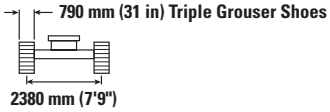
Lift capacity stays with ±5% for all available track shoes.

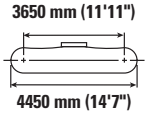
Always refer to the appropriate Operation and Maintenance Manual for specific product information.

# 320 GC Hydraulic Excavator Specifications

## Reach Boom Lift Capacities – Counterweight: 4.2 mt (9,300 lb) – without Bucket

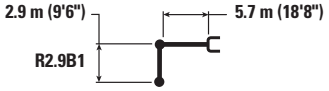


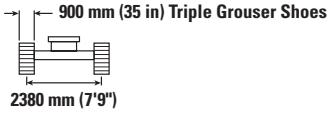



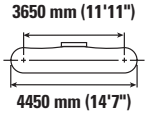




| | | 1500 mm/60 in | | 3000 mm/120 in | | 4500 mm/180 in | | 6000 mm/240 in | | 7500 mm/300 in | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | mm<br>in |
| 7500 mm<br>**300 in** | kg<br>**lb** | | | | | | | *4350 | *4350 | | | *3750<br>***8,350** | *3750<br>***8,350** | 6150<br>**240** |
| 6000 mm<br>**240 in** | kg<br>**lb** | | | | | | | *4950<br>***10,900** | *4950<br>***10,900** | | | *3500<br>***7,650** | *3500<br>***7,650** | 7290<br>**290** |
| 4500 mm<br>**180 in** | kg<br>**lb** | | | | | | | *5450<br>***11,850** | 5450<br>**11,700** | *5150<br>***10,950** | 3850<br>**8,250** | *3400<br>***7,500** | *3400<br>***7,500** | 7990<br>**320** |
| 3000 mm<br>**120 in** | kg<br>**lb** | | | | | *7950<br>***17,150** | 7900<br>**17,000** | *6250<br>***13,600** | 5200<br>**11,200** | *5450<br>***11,900** | 3750<br>**8,100** | *3500<br>***7,650** | 3200<br>**7,050** | 8360<br>**330** |
| 1500 mm<br>**60 in** | kg<br>**lb** | | | | | *9650<br>***20,800** | 7400<br>**16,000** | *7100<br>***15,400** | 5000<br>**10,700** | 5650<br>**12,150** | 3650<br>**7,850** | *3700<br>***8,100** | 3100<br>**6,800** | 8450<br>**340** |
| 0 mm<br>**0 in** | kg<br>**lb** | | | *5800<br>***13,250** | *5800<br>***13,250** | *10 600<br>***22,900** | 7150<br>**15,400** | 7700<br>**16,550** | 4800<br>**10,350** | 5550<br>**11,950** | 3550<br>**7,650** | *4100<br>***9,000** | 3150<br>**6,900** | 8260<br>**330** |
| –1500 mm<br>**–60 in** | kg<br>**lb** | *6150<br>***13,800** | *6150<br>***13,800** | *10 000<br>***22,700** | *10 000<br>***22,700** | *10 700<br>***23,150** | 7050<br>**15,200** | 7600<br>**16,350** | 4750<br>**10,200** | 5550<br>**11,900** | 3550<br>**7,650** | *4800<br>***10,600** | 3400<br>**7,450** | 7780<br>**310** |
| –3000 mm<br>**–120 in** | kg<br>**lb** | *10 600<br>***23,800** | *10 600<br>***23,800** | *14 150<br>***30,650** | 13 700<br>**29,400** | *10 000<br>***21,600** | 7150<br>**15,350** | *7450<br>***15,950** | 4750<br>**10,300** | | | *6100<br>***13,400** | 3950<br>**8,750** | 6950<br>**280** |
| –4500 mm<br>**–180 in** | kg<br>**lb** | | | *11 300<br>***24,200** | *11 300<br>***24,200** | *8150<br>***17,300** | 7300<br>**15,800** | | | | | *6150<br>***13,500** | 5450<br>**12,200** | 5600<br>**220** |

## Reach Boom Lift Capacities – Counterweight: 4.2 mt (9,300 lb) – without Bucket




| | | 1500 mm/60 in | | 3000 mm/120 in | | 4500 mm/180 in | | 6000 mm/240 in | | 7500 mm/300 in | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | mm<br>in |
| 7500 mm<br>**300 in** | kg<br>**lb** | | | | | | | *4350 | *4350 | | | *3750<br>***8,350** | *3750<br>***8,350** | 6150<br>**240** |
| 6000 mm<br>**240 in** | kg<br>**lb** | | | | | | | *4950<br>***10,900** | *4950<br>***10,900** | | | *3500<br>***7,650** | *3500<br>***7,650** | 7290<br>**290** |
| 4500 mm<br>**180 in** | kg<br>**lb** | | | | | | | *5450<br>***11,850** | *5450<br>***11,850** | *5150<br>***10,950** | 4000<br>**8,550** | *3400<br>***7,500** | *3400<br>***7,500** | 7990<br>**320** |
| 3000 mm<br>**120 in** | kg<br>**lb** | | | | | *7950<br>***17,150** | *7950<br>***17,150** | *6250<br>***13,600** | 5350<br>**11,550** | *5450<br>***11,900** | 3900<br>**8,350** | *3500<br>***7,650** | 3300<br>**7,250** | 8360<br>**330** |
| 1500 mm<br>**60 in** | kg<br>**lb** | | | | | *9650<br>***20,800** | 7650<br>**16,500** | *7100<br>***15,400** | 5150<br>**11,050** | 5850<br>**12,600** | 3800<br>**8,100** | *3700<br>***8,100** | 3200<br>**7,000** | 8450<br>**340** |
| 0 mm<br>**0 in** | kg<br>**lb** | | | *5800<br>***13,250** | *5800<br>***13,250** | *10 600<br>***22,900** | 7400<br>**15,900** | *7700<br>***16,700** | 5000<br>**10,700** | 5750<br>**12,400** | 3700<br>**7,950** | *4100<br>***9,000** | 3250<br>**7,150** | 8260<br>**330** |
| –1500 mm<br>**–60 in** | kg<br>**lb** | *6150<br>***13,800** | *6150<br>***13,800** | *10 000<br>***22,700** | *10 000<br>***22,700** | *10 700<br>***23,150** | 7300<br>**15,700** | 7900<br>**16,950** | 4900<br>**10,550** | 5750<br>**12,350** | 3650<br>**7,900** | *4800<br>***10,600** | 3500<br>**7,700** | 7780<br>**310** |
| –3000 mm<br>**–120 in** | kg<br>**lb** | *10 600<br>***23,800** | *10 600<br>***23,800** | *14 150<br>***30,650** | *14 150<br>**30,350** | *10 000<br>***21,600** | 7350<br>**15,850** | *7450<br>***15,950** | 4950<br>**10,650** | | | *6100<br>***13,400** | 4100<br>**9,050** | 6950<br>**280** |
| –4500 mm<br>**–180 in** | kg<br>**lb** | | | *11 300<br>***24,200** | *11 300<br>***24,200** | *8150<br>***17,300** | 7550<br>**16,300** | | | | | *6150<br>***13,500** | 5600<br>**12,600** | 5600<br>**220** |

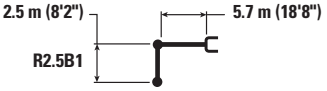
* **ISO 10567:2007**

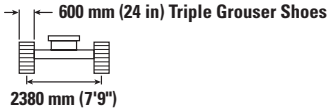
* Indicates that the load is limited by hydraulic lifting capacity rather than tipping load. The above loads are in compliance with hydraulic excavator lift capacity standard ISO 10567:2007. They do not exceed 87% of hydraulic lifting capacity or 75% of tipping load. Weight of all lifting accessories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

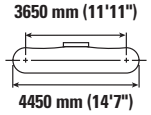
Lift capacity stays with ±5% for all available track shoes.

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

## Reach Boom Lift Capacities – Counterweight: 4.2 mt (9,300 lb) – without Bucket

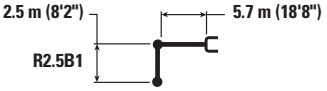


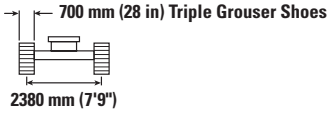



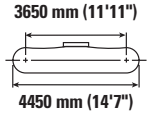




| | | 3000 mm/120 in | | 4500 mm/180 in | | 6000 mm/240 in | | 7500 mm/300 in | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | mm<br>in |
| 7500 mm<br>300 in | kg<br>lb | | | | | | | | | *4550<br>*10,100 | *4550<br>*10,100 | 5600<br>220 |
| 6000 mm<br>240 in | kg<br>lb | | | | | *5400<br>*11,800 | *5400<br>11,600 | | | *4150<br>*9,150 | *4150<br>*9,150 | 6830<br>270 |
| 4500 mm<br>180 in | kg<br>lb | | | *6750<br>*14,600 | *6750<br>*14,600 | *5800<br>*12,650 | 5250<br>11,350 | *4600 | 3750 | *4050<br>*8,950 | 3700<br>8,150 | 7570<br>300 |
| 3000 mm<br>120 in | kg<br>lb | | | *8500<br>*18,350 | 7600<br>16,450 | *6600<br>*14,250 | 5050<br>10,850 | 5600<br>12,050 | 3650<br>7,850 | *4150<br>*9,150 | 3350<br>7,350 | 7960<br>320 |
| 1500 mm<br>60 in | kg<br>lb | | | *10 050<br>*21,700 | 7200<br>15,500 | *7350<br>*15,900 | 4850<br>10,450 | 5500<br>11,850 | 3550<br>7,650 | *4450<br>*9,750 | 3250<br>7,100 | 8050<br>320 |
| 0 mm<br>0 in | kg<br>lb | | | *10 750<br>*23,200 | 7000<br>15,000 | 7500<br>16,150 | 4700<br>10,150 | 5450<br>11,700 | 3500<br>7,500 | *4950<br>*10,950 | 3300<br>7,250 | 7860<br>310 |
| –1500 mm<br>–60 in | kg<br>lb | *10 550<br>*23,950 | *10 550<br>*23,950 | *10 600<br>*22,950 | 6950<br>14,950 | 7450<br>16,050 | 4650<br>10,050 | | | 5600<br>12,350 | 3600<br>7,900 | 7350<br>290 |
| –3000 mm<br>–120 in | kg<br>lb | *13 300<br>*28,800 | *13 300<br>*28,800 | *9650<br>*20,800 | 7050<br>15,150 | *7100<br>*15,250 | 4700<br>10,200 | | | *6400<br>*14,050 | 4300<br>9,550 | 6470<br>260 |
| –4500 mm<br>–180 in | kg<br>lb | | | *7200<br>*15,100 | *7200<br>*15,100 | | | | | *6250<br>*13,650 | *6250<br>*13,650 | 4980<br>200 |

## Reach Boom Lift Capacities – Counterweight: 4.2 mt (9,300 lb) – without Bucket




| | | 3000 mm/120 in | | 4500 mm/180 in | | 6000 mm/240 in | | 7500 mm/300 in | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | mm<br>in |
| 7500 mm<br>300 in | kg<br>lb | | | | | | | | | *4550<br>*10,100 | *4550<br>*10,100 | 5600<br>220 |
| 6000 mm<br>240 in | kg<br>lb | | | | | *5400<br>*11,800 | *5400<br>11,700 | | | *4150<br>*9,150 | *4150<br>*9,150 | 6830<br>270 |
| 4500 mm<br>180 in | kg<br>lb | | | *6750<br>*14,600 | *6750<br>*14,600 | *5800<br>*12,650 | 5300<br>11,450 | *4600 | 3750 | *4050<br>*8,950 | 3700<br>8,200 | 7570<br>300 |
| 3000 mm<br>120 in | kg<br>lb | | | *8500<br>*18,350 | 7700<br>16,550 | *6600<br>*14,250 | 5100<br>10,950 | 5700<br>12,200 | 3700<br>7,950 | *4150<br>*9,150 | 3400<br>7,450 | 7960<br>320 |
| 1500 mm<br>60 in | kg<br>lb | | | *10 050<br>*21,700 | 7250<br>15,600 | *7350<br>*15,900 | 4900<br>10,500 | 5550<br>12,000 | 3600<br>7,750 | *4450<br>*9,750 | 3250<br>7,150 | 8050<br>320 |
| 0 mm<br>0 in | kg<br>lb | | | *10 750<br>*23,200 | 7050<br>15,150 | *7600<br>16,300 | 4750<br>10,200 | 5500<br>11,850 | 3550<br>7,600 | *4950<br>*10,950 | 3350<br>7,300 | 7860<br>310 |
| –1500 mm<br>–60 in | kg<br>lb | *10 550<br>*23,950 | *10 550<br>*23,950 | *10 600<br>*22,950 | 7000<br>15,100 | 7550<br>16,200 | 4700<br>10,150 | | | 5650<br>12,450 | 3600<br>8,000 | 7350<br>290 |
| –3000 mm<br>–120 in | kg<br>lb | *13 300<br>*28,800 | *13 300<br>*28,800 | *9650<br>*20,800 | 7100<br>15,250 | *7100<br>*15,250 | 4750<br>10,300 | | | *6400<br>*14,050 | 4350<br>9,650 | 6470<br>260 |
| –4500 mm<br>–180 in | kg<br>lb | | | *7200<br>*15,100 | *7200<br>*15,100 | | | | | *6250<br>*13,650 | *6250<br>*13,650 | 4980<br>200 |

* ISO 10567:2007

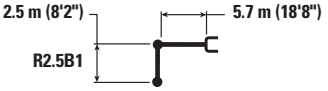
* Indicates that the load is limited by hydraulic lifting capacity rather than tipping load. The above loads are in compliance with hydraulic excavator lift capacity standard ISO 10567:2007. They do not exceed 87% of hydraulic lifting capacity or 75% of tipping load. Weight of all lifting accessories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

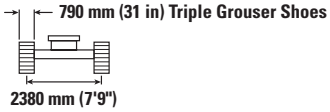
Lift capacity stays with ±5% for all available track shoes.

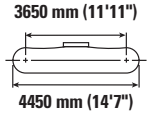
Always refer to the appropriate Operation and Maintenance Manual for specific product information.

# 320 GC Hydraulic Excavator Specifications

## Reach Boom Lift Capacities – Counterweight: 4.2 mt (9,300 lb) – without Bucket

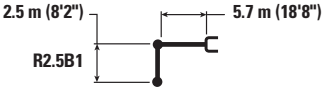


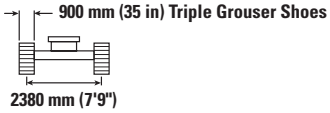



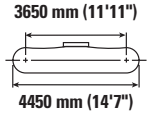




| | | 3000 mm/120 in | | 4500 mm/180 in | | 6000 mm/240 in | | 7500 mm/300 in | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | mm<br>in |
| 7500 mm<br>300 in | kg<br>lb | | | | | | | | | *4550<br>*10,100 | *4550<br>*10,100 | 5600<br>220 |
| 6000 mm<br>240 in | kg<br>lb | | | | | *5400<br>*11,800 | *5400<br>*11,800 | | | *4150<br>*9,150 | *4150<br>*9,150 | 6830<br>270 |
| 4500 mm<br>180 in | kg<br>lb | | | *6750<br>*14,600 | *6750<br>*14,600 | *5800<br>*12,650 | 5400<br>11,550 | *4600 | 3800 | *4050<br>*8,950 | 3750<br>8,300 | 7570<br>300 |
| 3000 mm<br>120 in | kg<br>lb | | | *8500<br>*18,350 | 7800<br>16,750 | *6600<br>*14,250 | 5150<br>11,100 | *5700<br>12,350 | 3750<br>8,050 | *4150<br>*9,150 | 3400<br>7,550 | 7960<br>320 |
| 1500 mm<br>60 in | kg<br>lb | | | *10 050<br>*21,700 | 7350<br>15,800 | *7350<br>*15,900 | 4950<br>10,650 | 5650<br>12,150 | 3650<br>7,850 | *4450<br>*9,750 | 3300<br>7,250 | 8050<br>320 |
| 0 mm<br>0 in | kg<br>lb | | | *10 750<br>*23,200 | 7150<br>15,350 | 7700<br>16,500 | 4800<br>10,350 | 5550<br>12,000 | 3600<br>7,700 | *4950<br>*10,950 | 3350<br>7,400 | 7860<br>310 |
| –1500 mm<br>–60 in | kg<br>lb | *10 550<br>*23,950 | *10 550<br>*23,950 | *10 600<br>*22,950 | 7100<br>15,300 | 7650<br>16,400 | 4750<br>10,250 | | | 5750<br>12,650 | 3650<br>8,100 | 7350<br>290 |
| –3000 mm<br>–120 in | kg<br>lb | *13 300<br>*28,800 | *13 300<br>*28,800 | *9650<br>*20,800 | 7200<br>15,450 | *7100<br>*15,250 | 4850<br>10,400 | | | *6400<br>*14,050 | 4400<br>9,750 | 6470<br>260 |
| –4500 mm<br>–180 in | kg<br>lb | | | *7200<br>*15,100 | *7200<br>*15,100 | | | | | *6250<br>*13,650 | *6250<br>*13,650 | 4980<br>200 |

## Reach Boom Lift Capacities – Counterweight: 4.2 mt (9,300 lb) – without Bucket




| | | 3000 mm/120 in | | 4500 mm/180 in | | 6000 mm/240 in | | 7500 mm/300 in | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | mm<br>in |
| 7500 mm<br>300 in | kg<br>lb | | | | | | | | | *4550<br>*10,100 | *4550<br>*10,100 | 5600<br>220 |
| 6000 mm<br>240 in | kg<br>lb | | | | | *5400<br>*11,800 | *5400<br>*11,800 | | | *4150<br>*9,150 | *4150<br>*9,150 | 6830<br>270 |
| 4500 mm<br>180 in | kg<br>lb | | | *6750<br>*14,600 | *6750<br>*14,600 | *5800<br>*12,650 | 5550<br>11,900 | *4600 | 3950 | *4050<br>*8,950 | 3900<br>8,600 | 7570<br>300 |
| 3000 mm<br>120 in | kg<br>lb | | | *8500<br>*18,350 | 8000<br>17,300 | *6600<br>*14,250 | 5300<br>11,450 | *5700<br>*12,450 | 3850<br>8,300 | *4150<br>*9,150 | 3550<br>7,800 | 7960<br>320 |
| 1500 mm<br>60 in | kg<br>lb | | | *10 050<br>*21,700 | 7600<br>16,350 | *7350<br>*15,900 | 5100<br>11,000 | 5850<br>12,550 | 3750<br>8,100 | *4450<br>*9,750 | 3400<br>7,500 | 8050<br>320 |
| 0 mm<br>0 in | kg<br>lb | | | *10 750<br>*23,200 | 7400<br>15,850 | *7850<br>*17,000 | 5000<br>10,700 | 5750<br>12,400 | 3700<br>7,950 | *4950<br>*10,950 | 3500<br>7,650 | 7860<br>310 |
| –1500 mm<br>–60 in | kg<br>lb | *10 550<br>*23,950 | *10 550<br>*23,950 | *10 600<br>*22,950 | 7350<br>15,800 | *7850<br>17,000 | 4950<br>10,600 | | | 5950<br>13,100 | 3800<br>8,350 | 7350<br>290 |
| –3000 mm<br>–120 in | kg<br>lb | *13 300<br>*28,800 | *13 300<br>*28,800 | *9650<br>*20,800 | 7450<br>16,000 | *7100<br>*15,250 | 5000<br>10,750 | | | *6400<br>*14,050 | 4550<br>10,100 | 6470<br>260 |
| –4500 mm<br>–180 in | kg<br>lb | | | *7200<br>*15,100 | *7200<br>*15,100 | | | | | *6250<br>*13,650 | *6250<br>*13,650 | 4980<br>200 |

* 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.

## Bucket Specifications and Compatibility

| | Linkage | Width | | Capacity | | Weight | | Fill | Long Undercarriage 4.2 mt (9,300 lb) Counterweight Reach Boom | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | mm | in | $m^3$ | $yd^3$ | kg | lb | % | R2.5 (8'2") | R2.9 (9'6") |
| **Pin-On (No Quick Coupler)** | | | | | | | | | | |
| General Duty | B | 600 | 24 | 0.46 | 0.61 | 555 | 1,223 | 100 | ● | ● |
| | B | 750 | 30 | 0.64 | 0.84 | 626 | 1,380 | 100 | ● | ● |
| | B | 1200 | 48 | 1.19 | 1.56 | 812 | 1,789 | 100 | ● | ◉ |
| | B | 1300 | 51 | 1.30 | 1.70 | 835 | 1,841 | 100 | ● | ◉ |
| | B | 1400 | 55 | 1.43 | 1.87 | 879 | 1,937 | 100 | X | X |
| | B | 600 | 24 | 0.46 | 0.60 | 550 | 1,212 | 100 | ● | ● |
| | B | 750 | 30 | 0.64 | 0.84 | 621 | 1,368 | 100 | ● | ● |
| | B | 1000 | 39 | 0.93 | 1.22 | 717 | 1,580 | 100 | ● | ● |
| | B | 1200 | 48 | 1.19 | 1.56 | 807 | 1,778 | 100 | ● | ◉ |
| | B | 1400 | 55 | 1.43 | 1.87 | 874 | 1,926 | 100 | X | X |
| | B | 1500 | 60 | 1.58 | 2.06 | 914 | 2,014 | 100 | X | X |
| Heavy Duty | B | 1050 | 42 | 1.00 | 1.31 | 892 | 1,967 | 100 | ● | ● |
| | B | 1200 | 48 | 1.19 | 1.56 | 917 | 2,022 | 100 | ● | ◉ |
| | B | 1300 | 52 | 1.30 | 1.70 | 974 | 2,148 | 100 | ◉ | ⊖ |
| Severe Duty | B | 1050 | 42 | 1.00 | 1.31 | 948 | 2,091 | 90 | ● | ● |
| Severe Duty Spade | B | 1200 | 48 | 1.20 | 1.57 | 1011 | 2,229 | 90 | ● | ● |
| Ditch Cleaning | B | 2000 | 78 | 1.22 | 1.60 | 869 | 1,916 | 100 | ● | ◉ |
| Ditch Cleaning Tilt | B | 2000 | 79 | 1.23 | 1.61 | 1096 | 2,417 | 100 | ◉ | ⊖ |
| Maximum load with pin-on (payload + bucket) | | | | | | | | kg | 3440 | 3180 |
| | | | | | | | | lb | 7,584 | 7,011 |

The above loads are in compliance with hydraulic excavator standard EN 474-5:2022/AC:2022, they do not exceed 87% of hydraulic lifting capacity or 75% of tipping capacity with front linkage fully extended at ground line with bucket curled.

Capacity based on ISO 7451:2007.

Bucket weight with General Duty tips.

**Maximum Material Density:**

- ● 2100 kg/$m^3$ (3,500 lb/$yd^3$)
- ◉ 1800 kg/$m^3$ (3,000 lb/$yd^3$)
- ⊖ 1500 kg/$m^3$ (2,500 lb/$yd^3$)
- 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.

*(continued on next page)*

## Bucket Specifications and Compatibility *(continued)*

| | Linkage | Width | | Capacity | | Weight | | Fill | Long Undercarriage 4.2 mt (9,300 lb) Counterweight Reach Boom | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | mm | in | $m^3$ | $yd^3$ | kg | lb | % | R2.5 (8'2") | R2.9 (9'6") |
| **With Cat Pin Grabber Coupler** | | | | | | | | | | |
| General Duty | B | 600 | 24 | 0.46 | 0.61 | 555 | 1,223 | 100 | ● | ● |
| | B | 750 | 30 | 0.64 | 0.84 | 626 | 1,380 | 100 | ● | ● |
| | B | 1200 | 48 | 1.19 | 1.56 | 812 | 1,789 | 100 | ◉ | ⊖ |
| | B | 1300 | 51 | 1.30 | 1.70 | 835 | 1,841 | 100 | ⊖ | ⊖ |
| | B | 1400 | 55 | 1.43 | 1.87 | 879 | 1,937 | 100 | ⊖ | ○ |
| | B | 600 | 24 | 0.46 | 0.60 | 550 | 1,212 | 100 | ● | ● |
| | B | 750 | 30 | 0.64 | 0.84 | 621 | 1,368 | 100 | ● | ● |
| | B | 1000 | 39 | 0.93 | 1.22 | 717 | 1,580 | 100 | ● | ● |
| | B | 1200 | 48 | 1.19 | 1.56 | 807 | 1,778 | 100 | ◉ | ⊖ |
| | B | 1400 | 55 | 1.43 | 1.87 | 874 | 1,926 | 100 | ⊖ | ○ |
| | B | 1500 | 60 | 1.58 | 2.06 | 914 | 2,014 | 100 | ○ | ○ |
| Heavy Duty | B | 1050 | 42 | 1.00 | 1.31 | 892 | 1,967 | 100 | ● | ◉ |
| | B | 1200 | 48 | 1.19 | 1.56 | 917 | 2,022 | 100 | ◉ | ⊖ |
| | B | 1300 | 52 | 1.30 | 1.70 | 974 | 2,148 | 100 | ⊖ | ○ |
| Severe Duty | B | 1050 | 42 | 1.00 | 1.31 | 948 | 2,091 | 90 | ● | ● |
| Severe Duty Spade | B | 1200 | 48 | 1.20 | 1.57 | 1011 | 2,229 | 90 | ◉ | ⊖ |
| Ditch Cleaning | B | 2000 | 78 | 1.22 | 1.60 | 869 | 1,916 | 100 | ◉ | ⊖ |
| Ditch Cleaning Tilt | B | 2000 | 79 | 1.23 | 1.61 | 1096 | 2,417 | 100 | ⊖ | ○ |
| Maximum load with coupler (payload + bucket) | | | | | | | | kg | 3019 | 2760 |
| | | | | | | | | lb | 6,657 | 6,086 |

The above loads are in compliance with hydraulic excavator standard EN 474-5:2022/AC:2022, they do not exceed 87% of hydraulic lifting capacity or 75% of tipping capacity with front linkage fully extended at ground line with bucket curled.

Capacity based on ISO 7451:2007.

Bucket weight with General Duty tips.

**Maximum Material Density:**

- ● 2100 kg/$m^3$ (3,500 lb/$yd^3$)
- ◉ 1800 kg/$m^3$ (3,000 lb/$yd^3$)
- ⊖ 1500 kg/$m^3$ (2,500 lb/$yd^3$)
- ○ 1200 kg/$m^3$ (2,000 lb/$yd^3$)

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.

*(continued on next page)*

## Bucket Specifications and Compatibility *(continued)*

| | Linkage | Width | | Capacity | | Weight | | Fill | Long Undercarriage 4.2 mt (9,300 lb) Counterweight Reach Boom | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | mm | in | $m^3$ | $yd^3$ | kg | lb | % | R2.5 (8'2") | R2.9 (9'6") |
| **With CW-40 Quick Coupler** | | | | | | | | | | |
| General Duty | B | 900 | 36 | 0.81 | 1.06 | 664 | 1,463 | 100 | ● | ● |
| | B | 1050 | 42 | 1.00 | 1.31 | 711 | 1,567 | 100 | ● | ● |
| | B | 1200 | 48 | 1.19 | 1.56 | 781 | 1,721 | 100 | ● | ◉ |
| | B | 1300 | 51 | 1.30 | 1.70 | 813 | 1,791 | 100 | ◉ | ⊖ |
| Heavy Duty | B | 600 | 24 | 0.46 | 0.61 | 618 | 1,363 | 100 | ● | ● |
| | B | 1200 | 48 | 1.19 | 1.56 | 886 | 1,953 | 100 | ◉ | ◉ |
| | B | 1300 | 52 | 1.30 | 1.71 | 944 | 2,081 | 100 | X | X |
| Ditch Cleaning | B | 2100 | 83 | 1.29 | 1.69 | 792 | 1,746 | 100 | ◉ | ⊖ |
| | B | 2100 | 83 | 1.46 | 1.91 | 809 | 1,784 | 100 | ⊖ | ⊖ |
| | B | 1800 | 72 | 1.50 | 1.96 | 775 | 1,709 | 100 | ⊖ | ⊖ |
| | B | 1800 | 72 | 1.50 | 1.96 | 737 | 1,624 | 100 | ⊖ | ⊖ |
| | B | 2100 | 83 | 1.76 | 2.31 | 864 | 1,905 | 100 | ○ | ○ |
| Ditch Cleaning – Tilt | B | 2000 | 79 | 1.23 | 1.61 | 1161 | 2,560 | 100 | ⊖ | ⊖ |
| Maximum load with coupler (payload + bucket) | | | | | | | | kg | 3191 | 2932 |
| | | | | | | | | lb | 7,035 | 6,464 |
| **With CW-40S Quick Coupler** | | | | | | | | | | |
| General Duty | B | 600 | 24 | 0.46 | 0.61 | 508 | 1,119 | 100 | ● | ● |
| | B | 750 | 30 | 0.64 | 0.84 | 592 | 1,305 | 100 | ● | ● |
| | B | 900 | 36 | 0.81 | 1.06 | 661 | 1,457 | 100 | ● | ● |
| | B | 1300 | 51 | 1.30 | 1.70 | 810 | 1,785 | 100 | ◉ | ⊖ |
| | B | 1400 | 55 | 1.43 | 1.87 | 845 | 1,862 | 100 | ⊖ | ⊖ |
| Heavy Duty | B | 600 | 24 | 0.46 | 0.61 | 585 | 1,289 | 100 | ● | ● |
| | B | 1200 | 48 | 1.19 | 1.56 | 875 | 1,928 | 100 | ◉ | ◉ |
| | B | 1300 | 52 | 1.30 | 1.70 | 931 | 2,052 | 100 | X | X |
| Ditch Cleaning | B | 2000 | 78 | 1.22 | 1.60 | 815 | 1,797 | 100 | ◉ | ◉ |
| | B | 2200 | 87 | 1.36 | 1.78 | 880 | 1,940 | 100 | ◉ | ⊖ |
| Ditch Cleaning – Tilt | B | 2000 | 79 | 1.23 | 1.61 | 1142 | 2,518 | 100 | ⊖ | ⊖ |
| Maximum load with coupler (payload + bucket) | | | | | | | | kg | 3209 | 2949 |
| | | | | | | | | lb | 7,075 | 6,501 |

The above loads are in compliance with hydraulic excavator standard EN 474-5:2022/AC:2022, they do not exceed 87% of hydraulic lifting capacity or 75% of tipping capacity with front linkage fully extended at ground line with bucket curled.

Capacity based on ISO 7451:2007.

Bucket weight with General Duty tips.

**Maximum Material Density:**

- ● 2100 kg/$m^3$ (3,500 lb/$yd^3$)
- ◉ 1800 kg/$m^3$ (3,000 lb/$yd^3$)
- ⊖ 1500 kg/$m^3$ (2,500 lb/$yd^3$)
- ○ 1200 kg/$m^3$ (2,000 lb/$yd^3$)
- 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.

## Attachments Offering Guide

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

✓ Match † Allowed usage on machine less than 50% No Match

### PIN-ON ATTACHMENTS

| | | | |
|---|---|---|---|
| **Undercarriage** | | **Long** | |
| **Counterweight** | | **4.2 mt (9,300 lb)** | |
| **Boom Type** | | **Reach** | |
| **Stick Length** | | **R2.5 (8'2")** | **R2.9 (9'6")** |
| Hydraulic Hammers | H115 GC S | ✓ | ✓ |
| | H115 S | ✓ | ✓ |
| | H120 GC S | ✓ | ✓ |
| | H120 S | ✓ | ✓ |
| | H130 GC 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 | G317 GC | ✓ | ✓ |
| | G318 | ✓ | ✓ |
| | G318 WH-800 | ✓ | ✓ |
| | G318 WH-1100 | ✓ | ✓ |
| Mobile Scrap and Demolition Shears | S3025 Flat Top | ✓ | ✓ |
| Pulverizers | P218 Secondary Pulverizer | ✓ | ✓ |
| | P318 Primary Pulverizer | ✓ | ✓ |
| Compactors (Vibratory Plate) | CVP110 | ✓ | ✓ |
| Rotary Cutters | RC20 | ✓ | ✓ |

*(continued on next page)*

## Attachments Offering Guide *(continued)*

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

● 1800 kg/m³ (3,000 lb/yd³) ○ 1200 kg/m³ (2,000 lb/yd³) ◇ 600 kg/m³ (1,000 lb/yd³) No Match

### PIN-ON ATTACHMENTS *(continued)*

| **Undercarriage** | | **Long** | |
|---|---|---|---|
| **Counterweight** | | **4.2 mt (9,300 lb)** | |
| **Boom Type** | | **Reach** | |
| **Stick Length** | | **2.50 m (8'2")** | **2.92 m (9'7")** |
| Orange Peel Grapples | GSH420-500 | ● | ● |
| | GSH420-600 | ● | ● |
| | GSH420-750 | ● | ● |
| | GSH425-750 | ● | ○ |
| | GSH425-950 | ○ | ○ |
| | GSH425-1150 | ○ | |
| | GSH520-500 | ● | ● |
| | GSH520-600 | ● | ● |
| | GSH520-750 | ● | ● |
| | GSH525-750 | ○ | ○ |
| | GSH525-950 | ○ | |
| | GSV420-400 | ● | ● |
| | GSV420-500 | ● | ● |
| | GSV420-600 | ● | ● |
| | GSV420-750 | ● | ● |
| | GSV420-1250 | ◇ | ◇ |
| | GSV425-600 | ● | ● |
| | GSV425-750 | ● | ○ |
| | GSV425-950 | ○ | ○ |
| | GSV425-1150 | ○ | |
| | GSV425-1550 | ◇ | ◇ |
| | GSV520 GC-400 | ● | ● |
| | GSV520 GC-500 | ● | ● |
| | GSV520 GC-600 | ● | ● |
| | GSV520 GC-750 | ● | ● |
| | GSV520 GC-1250 | ◇ | ◇ |
| | GSV520-400 | ● | ● |
| | GSV520-500 | ● | ● |
| | GSV520-600 | ● | ● |
| | GSV520-750 | ● | ● |
| | GSV520-1250 | ◇ | ◇ |
| | GSV525-600 | ● | ● |
| | GSV525-750 | ○ | ○ |
| | GSV525-950 | ○ | |
| | GSV525-1550 | ◇ | |
| Clamshell Grapples | CTV15-1000 | ● | ○ |
| | CTV15-1200 | ○ | ○ |

*(continued on next page)*

## Attachments Offering Guide *(continued)*

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

✓ Match | * Working range front only | † Allowed usage on machine less than 50% | No Match

### CAT PIN GRABBER COUPLER ATTACHMENTS

| **Undercarriage** | | **Long** | |
|---|---|---|---|
| **Counterweight** | | **4.2 mt (9,300 lb)** | |
| **Boom Type** | | **Reach** | |
| **Stick Length** | | **R2.5 (8'2")** | **R2.9 (9'6")** |
| Hydraulic Hammers | H115 GC S | ✓ | ✓ |
| | H115 S | ✓ | ✓ |
| | H120 GC S | ✓† | ✓† |
| | H120 S | ✓† | ✓† |
| | H130 GC 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 | G317 GC | ✓ | ✓ |
| | G318 | ✓ | ✓ |
| | G318 WH-800 | ✓ | ✓ |
| | G318 WH-1100 | ✓ | ✓* |
| Mobile Scrap and Demolition Shears | S3025 Flat Top | ✓ | |
| Pulverizers | P218 Secondary Pulverizer | ✓ | ✓ |
| | P318 Primary Pulverizer | ✓ | ✓ |
| Compactors (Vibratory Plate) | CVP110 | ✓ | ✓ |
| Rotary Cutters | RC20 | ✓ | ✓ |

*(continued on next page)*

## Attachments Offering Guide *(continued)*

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

✓ Match  † Allowed usage on machine less than 50%

### CW-40s DEDICATED COUPLER ATTACHMENTS

| | | | |
|---|---|---|---|
| **Undercarriage** | | **Long** | |
| **Counterweight** | | **4.2 mt (9,300 lb)** | |
| **Boom Type** | | **Reach** | |
| **Stick Length** | | **R2.5 (8'2")** | **R2.9 (9'6")** |
| Hydraulic Hammers | H115 GC S | ✓ | ✓ |
| | H115 S | ✓ | ✓ |
| | 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 | G317 GC | ✓ | ✓ |
| | G318 | ✓ | ✓ |
| | G318 WH-800 | ✓ | ✓ |
| | G318 WH-1100 | ✓ | ✓ |
| Mobile Scrap and Demolition Shears | S3025 Flat Top | ✓ | ✓ |
| Pulverizers | P218 Secondary Pulverizer | ✓ | ✓ |
| | P318 Primary Pulverizer | ✓ | ✓ |
| Compactors (Vibratory Plate) | CVP110 | ✓ | ✓ |
| Rotary Cutters | RC20 | ✓ | ✓ |

*(continued on next page)*

## Attachments Offering Guide *(continued)*

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

✓ Match  † Allowed usage on machine less than 50%

### CW-40 DEDICATED COUPLER ATTACHMENTS

| | | | |
|---|---|---|---|
| **Undercarriage** | | **Long** | |
| **Counterweight** | | **4.2 mt (9,300 lb)** | |
| **Boom Type** | | **Reach** | |
| **Stick Length** | | **R2.5 (8'2")** | **R2.9 (9'6")** |
| Hydraulic Hammers | H115 GC S | ✓ | ✓ |
| | H115 S | ✓ | ✓ |
| | H120 GC S | ✓† | ✓† |
| | H120 S | ✓† | ✓† |
| | H130 GC 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 | G317 GC | ✓ | ✓ |
| | G317 GC fixed CAN | ✓ | ✓ |
| | G318 | ✓ | ✓ |
| | G318 fixed CAN | ✓ | ✓ |
| | G318 WH-800 | ✓ | ✓ |
| | G318 WH-1100 | ✓ | ✓ |
| Mobile Scrap and Demolition Shears | S3025 Flat Top | ✓ | ✓ |
| Pulverizers | P218 Secondary Pulverizer | ✓ | ✓ |
| | P318 Primary Pulverizer | ✓ | ✓ |
| Compactors (Vibratory Plate) | CVP110 | ✓ | ✓ |
| Rotary Cutters | RC20 | ✓ | ✓ |

*(continued on next page)*

## Attachments Offering Guide *(continued)*

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

✓ Match | * Working range front only | † Allowed usage on machine less than 50% | No Match

### HCCW-40 DEDICATED COUPLER ATTACHMENTS

| | | | |
|---|---|---|---|
| **Undercarriage** | | **Long** | |
| **Counterweight** | | **4.2 mt (9,300 lb)** | |
| **Boom Type** | | **Reach** | |
| **Stick Length** | | **R2.5 (8'2")** | **R2.9 (9'6")** |
| Hydraulic Hammers | H115 GC S | ✓ | ✓ |
| | H115 S | ✓ | ✓ |
| | H120 GC S | ✓† | ✓† |
| | H120 S | ✓† | ✓† |
| | H130 GC 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 | G317 GC | ✓ | ✓ |
| | G318 | ✓ | ✓ |
| | G318 WH-800 | ✓ | ✓ |
| | G318 WH-1100 | ✓ | ✓* |
| Mobile Scrap and Demolition Shears | S3025 Flat Top | ✓* | |
| Pulverizers | P218 Secondary Pulverizer | ✓ | ✓ |
| | P318 Primary Pulverizer | ✓ | ✓* |
| Compactors (Vibratory Plate) | CVP110 | ✓ | ✓ |
| Rotary Cutters | RC20 | ✓ | ✓ |

### S70 DEDICATED COUPLER ATTACHMENTS

| | | | |
|---|---|---|---|
| **Undercarriage** | | **Long** | |
| **Counterweight** | | **4.2 mt (9,300 lb)** | |
| **Boom Type** | | **Reach** | |
| **Stick Length** | | **R2.5 (8'2")** | **R2.9 (9'6")** |
| Hydraulic Hammers | H115 GC S | ✓ | ✓ |
| | H115 S | ✓ | ✓ |
| | 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 | G317 GC | ✓ | ✓ |
| | G318 | ✓ | ✓ |
| | G318 WH-800 | ✓ | ✓ |
| | G318 WH-1100 | ✓ | ✓ |
| Mobile Scrap and Demolition Shears | S3025 Flat Top | ✓ | ✓ |
| Pulverizers | P218 Secondary Pulverizer | ✓ | ✓ |
| | P318 Primary Pulverizer | ✓ | ✓ |
| Compactors (Vibratory Plate) | CVP110 | ✓ | ✓ |
| Rotary Cutters | RC20 | ✓ | ✓ |

*(continued on next page)*

## Attachments Offering Guide *(continued)*

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

✓ Match | * Working range front only | † Allowed usage on machine less than 50% | No Match

### HCS70 COUPLER ATTACHMENTS

| | | | |
|---|---|---|---|
| **Undercarriage** | | **Long** | |
| **Counterweight** | | **4.2 mt (9,300 lb)** | |
| **Boom Type** | | **Reach** | |
| **Stick Length** | | **R2.5 (8'2")** | **R2.9 (9'6")** |
| Hydraulic Hammers | H115 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 | G317 GC | ✓ | ✓ |
| | G318 | ✓ | ✓ |
| | G318 WH-800 | ✓ | ✓ |
| | G318 WH-1100 | ✓ | ✓* |
| Mobile Scrap and Demolition Shears | S3025 Flat Top | ✓ | |
| Pulverizers | P218 Secondary Pulverizer | ✓ | ✓ |
| | P318 Primary Pulverizer | ✓ | ✓ |
| Compactors (Vibratory Plate) | CVP110 | ✓ | ✓ |
| Rotary Cutters | RC20 | ✓ | ✓ |

*(continued on next page)*

## Attachments Offering Guide *(continued)*

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

✓ Match | * Working range front only | † Allowed usage on machine less than 50% | No Match

### HCS70/55 COUPLER ATTACHMENTS

| **Undercarriage** | | **Long** | |
|---|---|---|---|
| **Counterweight** | | **4.2 mt (9,300 lb)** | |
| **Boom Type** | | **Reach** | |
| **Stick Length** | | **R2.5 (8'2")** | **R2.9 (9'6")** |
| Hydraulic Hammers | H115 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 | G317 GC | ✓ | ✓ |
| | G318 | ✓ | ✓ |
| | G318 WH-800 | ✓ | ✓ |
| | G318 WH-1100 | ✓ | ✓* |
| Mobile Scrap and Demolition Shears | S3025 Flat Top | ✓* | |
| Pulverizers | P218 Secondary Pulverizer | ✓ | ✓ |
| | P318 Primary Pulverizer | ✓ | ✓* |
| Compactors (Vibratory Plate) | CVP110 | ✓ | ✓ |
| Rotary Cutters | RC20 | ✓ | ✓ |

### BOOM-MOUNT ATTACHMENTS

| **Undercarriage** | | **Long** |
|---|---|---|
| **Counterweight** | | **4.2 mt (9,300 lb)** |
| **Boom Type** | | **Reach** |
| Mobile Scrap and Demolition Shears | S2050 | ✓ |
| | S3035 Flat Top | ✓ |

# 320 GC Standard and Optional Equipment

## Standard and Optional Equipment

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

| | Standard | Optional |
|---|---|---|
| **CAB** | | |
| ROPS | ✓ | |
| OPG | | ✓ |
| High-resolution 203 mm (8") LCD touchscreen monitor | ✓ | |
| Auto bi-level air conditioner | ✓ | |
| Jog dial and shortcut keys for monitor control | ✓ | |
| Keyless push-to-start engine control | ✓ | |
| Height-adjustable console, three steps with tool | ✓ | |
| Fixed left-side console | ✓ | |
| Air-suspension seat | ✓ | |
| 51 mm (2") seat belt | ✓ | |
| Digital Audio Broadcasting (DAB)/DAB+ radio with Bluetooth® (includes USB/Aux ports) | ✓ | |
| 12V DC outlets | ✓ | |
| Document storage | ✓ | |
| Cup and bottle holders | ✓ | |
| Openable two-piece front window | ✓ | |
| Rear window emergency exit | ✓ | |
| Radial wiper with washer | ✓ | |
| Openable steel hatch | ✓ | |
| LED dome light | ✓ | |
| Roller front sunscreen | ✓ | |
| Roller rear sunscreen | | ✓ |
| Washable floor mat | ✓ | |
| Beacon ready | ✓ | |

| | Standard | Optional |
|---|---|---|
| **ENGINE** | | |
| Cat® C4.4 single turbo engine | ✓ | |
| Two selectable power modes | ✓ | |
| Auto engine speed control | ✓ | |
| Auto engine idle shutdown | ✓ | |
| 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 | ✓ | |
| **HYDRAULIC SYSTEM** | | |
| Boom and stick regeneration circuits | ✓ | |
| Boom/stick lowering check valves | ✓ | |
| SmartBoom™ | | ✓ |
| Electronic main control valve | ✓ | |
| Auto warm up | ✓ | |
| Auto two-speed travel | ✓ | |
| Boom and stick drift reduction valve | ✓ | |
| Element type main hydraulic filter | ✓ | |
| Slider joysticks | ✓ | |
| Tandem type electronic main pump | ✓ | |
| Advanced Tool Control (two pumps, one/two way high-pressure flow) | ✓ | |
| Medium pressure circuit | | ✓ |
| Quick coupler circuit for Cat pin grabber | ✓ | |

*(continued on next page)*

## Standard and Optional Equipment *(continued)*

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

| | Standard | Optional |
|---|---|---|
| **UNDERCARRIAGE AND STRUCTURES** | | |
| 600 mm (24 in) triple grouser track shoes | | ✓ |
| 700 mm (28 in) triple grouser track shoes | | ✓ |
| 790 mm (31 in) triple grouser track shoes | | ✓ |
| 900 mm (35 in) triple grouser track shoes | | ✓ |
| Segmented track guiding guards | ✓ | |
| Bottom guard | ✓ | |
| Swivel guard | | ✓ |
| Travel motor guards | ✓ | |
| Grease lubricated track links | ✓ | |
| 4.2 mt (9,300 lb) counterweight | ✓ | |
| Swing frame | ✓ | |
| Base frame with HD track rollers and standard carrier rollers | ✓ | |
| Final drive with bio oil capable travel motor | ✓ | |
| **BOOM, STICKS AND LINKAGES** | | |
| 5.7 m (18'8") Reach boom | ✓ | |
| 2.9 m (9'6") Reach stick | | ✓ |
| 2.5 m (8'2") Reach stick | | ✓ |
| Bucket linkage, B1-family with lifting eye | | ✓ |
| Bucket linkage, B1-family without lifting eye | | ✓ |
| **ELECTRICAL SYSTEM** | | |
| 1,000 CCA maintenance-free batteries (×2) | ✓ | |
| Centralized electrical disconnect switch | ✓ | |
| Programmable time-delay LED working lights | ✓ | |
| LED chassis light, boom lights, cab lights | ✓ | |

[1]Provides core telematics data to manage health, maintenance insights, and condition monitoring. Other plans available for more comprehensive data reporting. Consult your Cat dealer for details.

| | Standard | Optional |
|---|---|---|
| **CAT TECHNOLOGY** | | |
| Cat Equipment Management: | | |
| VisionLink™ | ✓[1] | |
| Remote Flash | ✓ | |
| **SERVICE AND MAINTENANCE** | | |
| S·O·S℠ ports | ✓ | |
| Grouped location for engine oil and fuel filters | ✓ | |
| Ground-level second dipstick for engine oil | ✓ | |
| Side entry to service platform | ✓ | |
| Electric refueling pump with automatic shutoff | ✓ | |
| Integrated vehicle health management system | ✓ | |
| **SAFETY AND SECURITY** | | |
| Auto hammer stop | ✓ | |
| Rear and right-hand-sideview cameras | ✓ | |
| Cab mirror for right-hand (RH) side track edge | ✓ | |
| Cat PL161 attachment locator | | ✓ |
| Neutral lever (lock out) for all controls | ✓ | |
| Anti-skid plate and countersunk bolts on service platform | ✓ | |
| Lockable disconnect switch | ✓ | |
| Swing alarm | | ✓ |
| Travel alarm | | ✓ |
| Ground-level accessible secondary engine shutoff switch | ✓ | |
| RH handrail and handhold | ✓ | |
| OPG guards | | ✓ |
| Inspection lighting | | ✓ |

## Dealer Installed Kit and Attachments

Attachments may vary. Consult your Cat dealer for details.

### CAB

- Lower radial wiper
- Rain protector plus cab light cover
- Polycarbonate roof hatch
- Sun visor, slider
- Laminated P5A glass front windshield
- Left Hand (LH)/RH electrical pedal for tool control
- Armrest kit
- Dual exit rear window kit
- 75 mm (3") retractable seat belt
- Lunch box net
- Rear storage
- Tool box

### GUARDS

- Swivel guard
- Side rubber bumper guard
- Operator Protective Guards
- Mesh guard full front
- Mesh guard half front
- Full protecting vandalism guard

### MAINTENANCE

- Duct ready kit

### SAFETY AND SECURITY

- Bluetooth receiver

# 320 GC Environmental Declaration

The following information applies to the machine at the time of final manufacture as configured for sale in the regions covered in this document. The content of this declaration is valid as of the date issued; however, content related to machine features and specifications are subject to change without notice. For additional information, please see the machine's Operation and Maintenance Manual.

For more information on sustainability in action and our progress, please visit https://www.caterpillar.com/en/company/sustainability.

## Engine

- The Cat® C4.4 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) and are compatible* with ULSD blended with the following lower-carbon intensity fuels** up to:
  - ✓ 20% biodiesel FAME (fatty acid methyl ester)***
  - ✓ 100% renewable diesel, HVO (hydrogenated vegetable oil) and GTL (gas-to-liquid) fuels

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

**While Caterpillar engines are compatible with these alternative fuels, some regions may not allow their use.*

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

****Engines with no aftertreatment devices are compatible with higher blends, up to 100% biodiesel (for use of blends higher than 20% biodiesel, consult your Cat dealer).*

## Air Conditioning System

- The air conditioning system on this machine contains the fluorinated greenhouse gas refrigerant R134a or R1234yf. See the label or instruction manual for identification of the gas.
  - – If equipped with R134a (Global Warming Potential = 1430), the system contains 0.85 kg (1.9 lb) of refrigerant which has a $CO_2$ equivalent of 1.216 metric tonnes (1.340 tons).
  - – If equipped with R1234yf (Global Warming Potential = 0.501), the system contains 0.75 kg (1.7 lb) of refrigerant which has a $CO_2$ equivalent of 0.001 metric tonnes (0.001 tons).

## Paint

- Based on best available knowledge, the maximum allowable concentration, measured in parts per million (PPM), of the following heavy metals in paint are:
  - – Barium < 0.01%
  - – Cadmium < 0.01%
  - – Chromium < 0.01%
  - – Lead < 0.01%

## Sound Performance

ISO 6395:2008 (external) – 101 dB(A)

ISO 6396:2008 (inside cab) – 70 dB(A)

- External Sound – The labeled spectator sound power level represents the Guaranteed Value per 2000/14/EC, when properly equipped, and is measured according to the test procedures and conditions specified in ISO 6395:2008. The measurements were conducted at 70% of the maximum engine cooling fan speed
- Internal Sound – The operator sound pressure level is measured according to the test procedures and conditions specified in ISO 6396:2008 for a cab offered by Caterpillar, when properly installed and maintained and tested with the door and windows closed. The measurements were conducted at 70% of the maximum engine cooling fan speed.
- Hearing protection may be needed when operating with an open operator station and cab (when not properly maintained for doors/windows open) for extended periods or in noisy environment(s).

## Oils and Fluids

- Caterpillar factory fills with ethylene glycol coolants. Cat Diesel Engine Antifreeze/Coolant (DEAC) and Cat Extended Life Coolant (ELC) can be recycled. Consult your Cat dealer for more information.
- Cat Bio HYDO™ 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
  - – Extended service intervals help decrease maintenance costs
  - – Programmable high-efficiency cooling fans run only when needed
  - – The latest hydraulic oil filter provides longer life with a 3,000-hour replacement interval

## Recycling

- The materials included in machines are categorized as below with approximate weight percentage. Because of variations of product configurations, the following values in the table may vary.

| Material Type | Weight Percentage |
|---|---|
| Steel | 82.67% |
| Iron | 5.61% |
| Nonferrous Metal | 2.68% |
| Mixed Metal | 1.28% |
| Mixed-Metal and Nonmetal | 1.07% |
| Plastic | 1.35% |
| Rubber | 0.08% |
| Mixed Nonmetallic | 0.23% |
| Fluid | 3.33% |
| Other | 1.70% |
| Uncategorized | 0.00% |
| Total | 100% |

- A machine with higher recyclability rate will ensure more efficient usage of valuable natural resources and enhance End-of-Life value of the product. According to ISO 16714:2008 (Earthmoving machinery – Recyclability and recoverability – Terminology and calculation method), recyclability rate is defined as percentage by mass (mass fraction in percent) of the new machine potentially able to be recycled, reused or both.

  All parts in the bill of material are first evaluated by component type based on a list of components defined by the ISO 16714:2008 and Japan CEMA (Construction Equipment Manufacturers Association) standards. Remaining parts are further evaluated for recyclability based on material type.

  Because of variations of product configurations, the following value in the table may vary.

  Recyclability – 97%



# 320 GC Narrow

## Hydraulic Excavator

***The Cat 320 GC Narrow excavator is designed with transportation in mind. Its undercarriage is sized just right to make it fit nicely on trailers and space-restricted jobsites.***

### High Performance

- The excavator's 2.54 m (8'3") width makes it easier to get into space-restricted areas compared to a standard width model.
- Additional counterweight enables the excavator to lift like a standard width model.
- The C4.4 engine is fuel efficient and meets EU Stage V emission standards.
- High-ambient cooling and cold start capability help enable year-round work.
- Smart mode automatically matches engine and hydraulic power to digging conditions.
- Do different jobs quickly and efficiently with purpose-built Cat attachments.

### Simple to Operate

- Start the engine with a push button or use a Bluetooth key fob, smartphone app, or Operator ID passcode.
- Program power mode and joystick response and pattern using Operator ID; the machine will remember the settings each time you go to work.
- Navigate quickly on the standard high-resolution 203 mm (8 in) touchscreen monitor or with the aid of the jog dial control.
- Not sure how a function works? The operator's manual is at your fingertips in the touchscreen monitor.

### Work in Comfort

- The wide seat is adjustable for operators of all sizes.
- Easy-to-reach controls all located in front of you reduce twisting and turning.
- Standard automatic climate control keeps you at the right temperature all shift long.
- Advanced viscous mounts reduce cab vibration.
- Convenience features include a radio, auxiliary port for headphones, and a USB port for connecting and charging devices.
- Stow your gear with plenty of storage, including a cup holder, cell phone slot, and space behind the seat for a large lunchbox.

### Easy to Maintain

- Do all routine maintenance at ground level.
- The hydraulic oil system requires no maintenance for 3,000 hours
- Expect the latest  air intake filters with pre-cleaner to last up to 1,000 hours.

### Built-In Safety

- No need to climb on top of the machine with daily maintenance points at ground level.
- The right-hand service platform design enables trouble-free access to upper service platform.
- Serrated steps and anti-skid punch plate prevent slipping.
- Keep your excavator secure with Operator ID; use your PIN code to enable pushbutton starting.
- Enjoy great visibility into the trench, in each swing direction, and behind you with the help of smaller cab posts and larger windows.

## Engine

| | | |
|---|---|---|
| Engine model | Cat® C4.4 | |
| Net Power | | |
| ISO 9249 | 109 kW | 146 hp |
| ISO 9249 (DIN) | 148 hp (metric) | |
| Engine Power | | |
| ISO 14396 | 110 kW | 148 hp |
| ISO 14396 (DIN) | 150 hp (metric) | |
| Bore | 105 mm | 4 in |
| Stroke | 127 mm | 5 in |
| Displacement | 4.40 L | 269 in³ |
| Biodiesel Capability | Up to B20(1) | |

- Meets U.S. EPA Tier 4 Final, EU Stage V, and Japan 2014 emission standards.
- No engine power derating required below 3000 m (9,842.5 ft) altitude. (4500 m [14,764 ft] altitude with engine power derate.)
- Advertised power is tested per the specified standard in effect at the time of manufacture.
- Net power advertised is the power available at the flywheel when the engine is equipped with fan, air intake system, exhaust system and alternator.
- Engine speed at 2,200 rpm.

(1)Cat diesel engines are required to use ULSD (ultra-low sulfur diesel fuel with 15 ppm of sulfur or less) and are compatible* with ULSD blended with the following lower-carbon intensity fuels** up to:

- ✓ 20% biodiesel FAME (fatty acid methyl ester)***
- ✓ 100% renewable diesel, HVO (hydrogenated vegetable oil) and GTL (gas-to-liquid) fuels

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

**While Caterpillar engines are compatible with these alternative fuels, some regions may not allow their use.*

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

****Engines with no aftertreatment devices are compatible with higher blends, up to 100% biodiesel (for use of blends higher than 20% biodiesel, consult your Cat dealer).*

## Swing Mechanism

| | | |
|---|---|---|
| Swing Speed* | 11.12 rpm | |
| Maximum Swing Torque | 74 kN·m | 54,435 lbf·ft |

*For CE-marked machine default value may be set lower.

## Weights

| | | |
|---|---|---|
| Operating Weight | 22 600 kg | 49,800 lb |

- Long Narrow undercarriage, Reach boom, R2.5 (8'2") Stick, GD 1.3 m³ (1.70 yd³) bucket, 500 mm (20 in) triple grouser shoes and 4.55 mt (10,000 lb) counterweight.

## Track

| | | |
|---|---|---|
| Standard Track Shoes Width | 500 mm | 20 in |
| Number of Shoes (each side) | 49 | |
| Number of Track Rollers (each side) | 8 | |
| Number of Carrier Roller (each side) | 2 | |

## Drive

| | | |
|---|---|---|
| Gradeability | 35°/70% | |
| Maximum Travel Speed | 5.9 km/h | 3.6 mph |
| Maximum Drawbar Pull – Long Undercarriage | 205 kN | 46,063 lbf |

## Standards

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

## Hydraulic System

| | | |
|---|---|---|
| Main System – Maximum Flow – Implement | 442 L/min (221 × 2 pumps) | 117 gal/min (58.5 × 2 pumps) |
| Swing System – Maximum Flow | No swing pump | |
| Maximum Pressure – Equipment – Normal | 35 000 kPa | 5,075 psi |
| Maximum Pressure – Travel | 35 000 kPa | 5,075 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 | 140 mm | 6 in |
| Stick Cylinder – Stroke | 1504 mm | 59 in |
| Bucket Cylinder – Bore | 120 mm | 5 in |
| Bucket Cylinder – Stroke | 1104 mm | 43 in |

## Service Refill Capacities

| | | |
|---|---|---|
| Fuel Tank | 267 L | 70.5 gal |
| Cooling System | 12.5 L | 3.3 gal |
| Engine Oil | 15 L | 4.0 gal |
| Swing Drive | 5.5 L | 1.5 gal |
| Final Drive (each) | 4.5 L | 1.2 gal |
| Hydraulic System (including tank) | 218 L | 57.6 gal |
| Hydraulic Tank | 115 L | 30.4 gal |
| DEF Tank | 26 L | 6.9 gal |

## Sound Performance

| | |
|---|---|
| ISO 6395:2008 (external) | 103 dB(A) |
| ISO 6396:2008 (inside cab) | 70 dB(A) |

- External Sound – The labeled spectator sound power level represents the Guaranteed Value per 2000/14/EC, when properly equipped, and is measured according to the test procedures and conditions specified in ISO 6395:2008. The measurements were conducted at 70% of the maximum engine cooling fan speed.
- Internal Sound – The operator sound pressure level is measured according to the test procedures and conditions specified in ISO 6396:2008 for a cab offered by Caterpillar, when properly installed and maintained and tested with the door and windows closed. The measurements were conducted at 70% of the maximum engine cooling fan speed.
- Hearing protection may be needed when operating with an open operator station and cab (when not properly maintained for doors/windows open) for extended periods or in noisy environment(s).

## Air Conditioning System

The air conditioning system on this machine contains the fluorinated greenhouse gas refrigerant R134a or R1234yf. See the label or instruction manual for identification of the gas.

– If equipped with R134a (Global Warming Potential = 1430), the system contains 0.85 kg (1.9 lb) of refrigerant which has a $CO_2$ equivalent of 1.216 metric tonnes (1.340 tons).

– If equipped with R1234yf (Global Warming Potential = 0.501), the system contains 0.75 kg (1.7 lb) of refrigerant which has a $CO_2$ equivalent of 0.001 metric tonnes (0.001 tons).

## Operating Weights and Ground Pressures

| Base Machine Configurations | 500 mm (20 in) Triple Grouser Shoes | |
|---|---|---|
| | Weight | Ground Pressure |
| | kg (lb) | kPa (psi) |
| **Base Frame with Track Rollers and Carrier Rollers** | | |
| **4.55 mt (10,000 lb) Counterweight + Long Narrow Undercarriage Base Machine** | | |
| Reach Boom + R2.5 (8'2") Stick + 1.30 $m^3$ (1.70 $yd^3$) Bucket + QC without pins | 22 600 (49,800) | 56.4 (8.2) |

All operating weights include a 90% fuel tank with 75 kg (165 lb) operator.
The formula in the Machine Weight and Ground Pressure cells could be used for the specific configuration calculation by flipping the below major component weight.

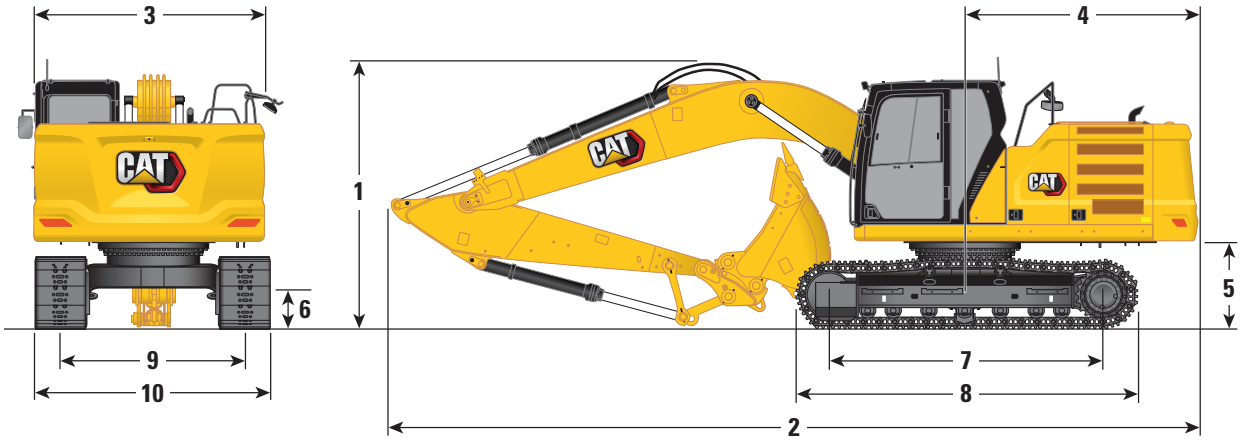
## Major Component Weights

| | kg | lb |
|---|---|---|
| Base Machine Weight (with 4.55 mt [10,000 lb] counterweight, upper frame, long narrow undercarriage with track rollers and two boom cylinders – does not include boom, stick, bucket, stick cylinder, bucket cylinder, tracks, 90% fuel tank and 75 kg [165 lb] operator). | 15 870 | 35,000 |
| Track Shoes: | | |
| 500 mm (20") Width, 8.5 mm (0.33") Thick Triple Grouser Shoes | 2440 | 5,400 |
| Two Boom Cylinders | 360 | 800 |
| Weight of 90% Fuel Tank and 75 kg (165 lb) Operator | 280 | 600 |
| Counterweight: | | |
| 4.55 mt (10,000 lb) Counterweight | 4550 | 10,000 |
| Boom (including lines, pins, stick cylinder): | | |
| Reach Boom 5.7 m (18'8") | 1830 | 4,000 |
| Sticks (including lines, pins, bucket cylinder, bucket linkage): | | |
| Reach stick R2.5B1 (8'2") | 1050 | 2,300 |
| Reach stick R2.9B1 (9'6") | 1100 | 2,400 |
| Buckets (without linkage, with tips and side cutters): | | |
| 1.30 $m^3$ (1.70 $yd^3$) GD | 880 | 1,900 |
| 1.30 $m^3$ (1.70 $yd^3$) GD for CW QC | 850 | 1,900 |
| Quick Couplers: | | |
| Pin Grabber QC B Without Pins | 430 | 900 |
| CW QC B Without Pins | 250 | 600 |

# 320 GC Narrow Hydraulic Excavator Specifications

## Dimensions

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

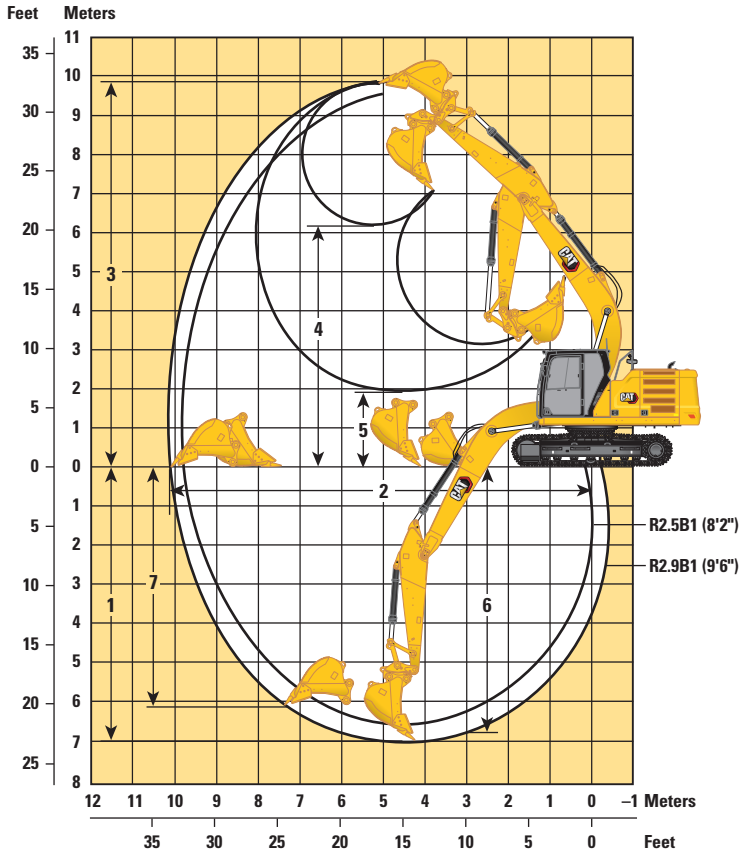



| Boom Option | Reach Boom 5.7 m (18'8") | | | |
|---|---|---|---|---|
| **Stick Options** | **Reach Stick R2.5B1 (8'2")** | | **Reach Stick R2.9B1 (9'6")** | |
| **Undercarriage Type** | **Long Narrow** | | | |
| **1** Machine Height: | | | | |
| Top of Cab Height | 2980 mm | 9'9" | 2980 mm | 9'9" |
| Top of OPG Height | 3120 mm | 10'3" | 3120 mm | 10'3" |
| Handrail Height | 2970 mm | 9'9" | 2970 mm | 9'9" |
| With Boom/Stick/Bucket Installed | 3100 mm | 10'2" | 3060 mm | 10'1" |
| With Boom/Stick Installed | 2850 mm | 9'4" | 2940 mm | 9'8" |
| With Boom Installed | 2400 mm | 7'10" | 2400 mm | 7'10" |
| **2** Machine Length: | | | | |
| With Boom/Stick/Bucket Installed | 9570 mm | 31'5" | 9550 mm | 31'4" |
| With Boom/Stick Installed | 9520 mm | 31'3" | 9530 mm | 31'3" |
| With Boom Installed | 8490 mm | 27'10" | 8490 mm | 27'10" |
| **3** Upperframe Width | 2540 mm | 8'4" | 2540 mm | 8'4" |
| **4** Tail Swing Radius | 2820 mm | 9'3" | 2820 mm | 9'3" |
| **5** Counterweight Clearance* | 1040 mm | 3'5" | 1040 mm | 3'5" |
| **6** Ground Clearance | 440 mm | 1'5" | 440 mm | 1'5" |
| **7** Length to Center of Rollers | 3650 mm | 12'0" | 3650 mm | 12'0" |
| **8** Crawler Overall Length | 4460 mm | 14'7" | 4460 mm | 14'7" |
| **9** Track Gauge – Extended | 2000 mm | 6'7" | 2000 mm | 6'7" |
| **10** Undercarriage Width: | | | | |
| 500 mm (20 in) Shoes | 2500 mm | 8'2" | 2500 mm | 8'2" |
| Bucket Type | GD | | GD | |
| Bucket Capacity | 1.30 $m^3$ | 1.87 yd3 | 1.30 $m^3$ | 1.87 $yd^3$ |
| Bucket Tip Radius | 1570 mm | 5'2" | 1570 mm | 5'2" |

*Without grouser height.

## Working Ranges

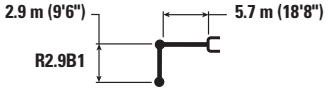
All dimensions are approximate and may vary depending on bucket selection.

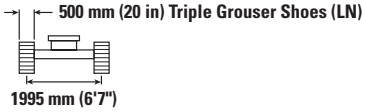


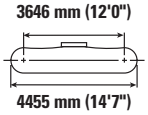

| Boom Option | Reach Boom 5.7 m (18'8") | | | |
|---|---|---|---|---|
| **Stick Options** | **Reach Stick R2.5B1 (8'2")** | | **Reach Stick R2.9B1 (9'6")** | |
| **Undercarriage Type** | **Long Narrow** | | | |
| **1** Maximum Digging Depth | 6580 mm | 21'7" | 7000 mm | 23'0" |
| **2** Maximum Reach at Ground Line | 9740 mm | 31'11" | 10 140 mm | 33'3" |
| **3** Maximum Cutting Height | 9600 mm | 31'6" | 9810 mm | 32'2" |
| **4** Maximum Loading Height | 6010 mm | 19'9" | 6220 mm | 20'5" |
| **5** Minimum Loading Height | 2320 mm | 7'7" | 1900 mm | 6'3" |
| **6** Maximum Depth Cut for 2440 mm (8'0") Level Bottom | 6400 mm | 21'0" | 6840 mm | 22'5" |
| **7** Maximum Vertical Wall Digging Depth | 5780 mm | 19'0" | 6190 mm | 20'4" |
| Bucket Digging Force (ISO) | 141 kN | 31,586 lbf | 141 kN | 31,586 lbf |
| Stick Digging Force (ISO) | 118 kN | 26,492 lbf | 107 kN | 23,987 lbf |
| Bucket Type | GD | | GD | |
| Bucket Capacity | 1.30 m3 | 1.87 $yd^3$ | 1.30 $m^3$ | 1.87 $yd^3$ |
| Bucket Tip Radius | 1574 mm | 5'2" | 1574 mm | 5'2" |

# 320 GC Narrow Hydraulic Excavator Specifications

## Reach Boom Lift Capacities – Counterweight: 4.55 mt (10,000 lb) – without Bucket

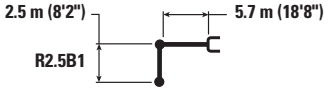


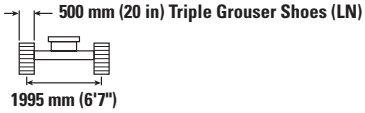



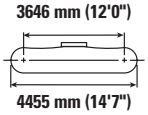




| | | 1500 mm/5'0" | | 3000 mm/10'0" | | 4500 mm/15'0" | | 6000 mm/20'0" | | 7500 mm/25'0" | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | mm<br>ft/in |
| 7500 mm<br>25'0" | kg<br>lb | | | | | | | *4950 | *4950 | | | *4250<br>*9,450 | *4250<br>*9,450 | 6160<br>19'9" |
| 6000 mm<br>20'0" | kg<br>lb | | | | | | | *5400<br>*11,800 | 4950<br>10,650 | | | *3950<br>*8,700 | 3600<br>8,000 | 7290<br>23'8" |
| 4500 mm<br>15'0" | kg<br>lb | | | | | | | *5900<br>*12,900 | 4800<br>10,300 | *5550<br>*12,200 | 3400<br>7,300 | *3850<br>*8,500 | 3050<br>6,750 | 7990<br>26'1" |
| 3000 mm<br>10'0" | kg<br>lb | | | | | *8650<br>*18,650 | 6850<br>14,750 | *6800<br>*14,750 | 4550<br>9,800 | *5950<br>12,750 | 3300<br>7,050 | *3950<br>*8,650 | 2800<br>6,150 | 8360<br>27'4" |
| 1500 mm<br>5'0" | kg<br>lb | | | | | *10 500<br>*22,600 | 6350<br>13,700 | *7700<br>*16,700 | 4300<br>9,300 | 5800<br>12,500 | 3200<br>6,850 | *4200<br>*9,200 | 2700<br>5,900 | 8450<br>27'8" |
| 0 mm<br>0'0" | kg<br>lb | | | *6800<br>*15,600 | *6800<br>*15,600 | *11 500<br>*24,850 | 6100<br>13,100 | 7900<br>16,950 | 4150<br>8,950 | 5700<br>12,250 | 3100<br>6,650 | *4650<br>*10,200 | 2700<br>5,950 | 8260<br>27'0" |
| –1500 mm<br>–5'0" | kg<br>lb | *7250<br>*16,200 | *7250<br>*16,200 | *11 700<br>*26,600 | 11 050<br>23,650 | *11 600<br>*25,100 | 6000<br>12,900 | 7800<br>16,800 | 4100<br>8,800 | 5650<br>12,200 | 3050<br>6,600 | 5400<br>11,900 | 2950<br>6,450 | 7780<br>25'5" |
| –3000 mm<br>–10'0" | kg<br>lb | *12 450<br>*27,850 | *12 450<br>*27,850 | *15 350<br>*33,250 | 11 200<br>24,050 | *10 850<br>*23,400 | 6050<br>13,050 | 7850<br>16,850 | 4100<br>8,850 | | | 6400<br>14,150 | 3450<br>7,600 | 6940<br>22'7" |
| –4500 mm<br>–15'0" | kg<br>lb | | | *12 200<br>*26,150 | 11 550<br>24,800 | *8800<br>*18,700 | 6250<br>13,500 | | | | | *6650<br>*14,600 | 4700<br>10,600 | 5590<br>18'0" |

## Reach Boom Lift Capacities – Counterweight: 4.55 mt (10,000 lb) – without Bucket




| | | 3000 mm/10'0" | | 4500 mm/15'0" | | 6000 mm/20'0" | | 7500 mm/25'0" | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | mm<br>ft/in |
| 7500 mm<br>25'0" | kg<br>lb | | | | | | | | | *5150<br>*11,400 | *5150<br>*11,400 | 5610<br>17'11" |
| 6000 mm<br>20'0" | kg<br>lb | | | | | *5850<br>*12,850 | 4900<br>10,500 | | | *4700<br>*10,400 | 3950<br>8,800 | 6840<br>22'2" |
| 4500 mm<br>15'0" | kg<br>lb | | | *7350<br>*15,900 | 7250<br>15,650 | *6300<br>*13,750 | 4750<br>10,200 | *5250 | 3350 | *4600<br>*10,150 | 3300<br>7,300 | 7570<br>24'8" |
| 3000 mm<br>10'0" | kg<br>lb | | | *9250<br>*19,950 | 6750<br>14,550 | *7150<br>*15,500 | 4550<br>9,750 | 5900<br>12,700 | 3300<br>7,050 | *4750<br>*10,400 | 3000<br>6,600 | 7960<br>26'1" |
| 1500 mm<br>5'0" | kg<br>lb | | | *10 950<br>*23,600 | 6300<br>13,600 | *8000<br>*17,300 | 4300<br>9,300 | 5800<br>12,500 | 3200<br>6,850 | *5050<br>*11,100 | 2900<br>6,300 | 8050<br>26'4" |
| 0 mm<br>0'0" | kg<br>lb | | | *11 650<br>*25,250 | 6100<br>13,100 | 7900<br>17,000 | 4150<br>8,950 | 5750<br>12,300 | 3100<br>6,700 | 5350<br>11,800 | 2950<br>6,450 | 7860<br>25'9" |
| –1500 mm<br>–5'0" | kg<br>lb | *12 350<br>*28,100 | 11 200<br>24,000 | *11 500<br>*24,900 | 6050<br>13,050 | 7850<br>16,900 | 4100<br>8,850 | | | 5900<br>13,000 | 3200<br>7,050 | 7350<br>24'0" |
| –3000 mm<br>–10'0" | kg<br>lb | *14 400<br>*31,250 | 11 350<br>24,400 | *10 450<br>*22,600 | 6150<br>13,250 | *7750<br>*16,550 | 4200<br>9,050 | | | *6900<br>*15,250 | 3850<br>8,500 | 6460<br>21'0" |
| –4500 mm<br>–15'0" | kg<br>lb | | | *7800<br>*16,300 | 6400<br>13,850 | | | | | *6750<br>*14,800 | 5650<br>12,750 | 4970<br>15'11" |

* 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.

## Bucket Specifications and Compatibility

| | Linkage | Width | | Capacity | | Weight | | Fill | Long Narrow Undercarriage 4.55 mt (10,000 lb) Reach Boom | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | mm | in | $m^3$ | $yd^3$ | kg | lb | % | R2.5 (8'2") | R2.9 (9'6") |
| **Pin On (No Coupler)** | | | | | | | | | | |
| General Duty | B | 600 | 24 | 0.46 | 0.61 | 555 | 1,223 | 100 | ● | ● |
| | B | 750 | 30 | 0.64 | 0.84 | 626 | 1,380 | 100 | ● | ● |
| | B | 1300 | 51 | 1.30 | 1.70 | 835 | 1,841 | 100 | ⊖ | ⊖ |
| | B | 1400 | 55 | 1.43 | 1.87 | 879 | 1,937 | 100 | ○ | ○ |
| General Duty | B | 600 | 24 | 0.46 | 0.60 | 550 | 1,212 | 100 | ● | ● |
| | B | 750 | 30 | 0.64 | 0.84 | 621 | 1,368 | 100 | ● | ● |
| | B | 1000 | 39 | 0.93 | 1.22 | 717 | 1,580 | 100 | ● | ● |
| | B | 1200 | 48 | 1.19 | 1.56 | 807 | 1,778 | 100 | ◉ | ⊖ |
| | B | 1400 | 55 | 1.43 | 1.87 | 874 | 1,926 | 100 | ○ | ○ |
| | B | 1500 | 60 | 1.58 | 2.06 | 914 | 2,014 | 100 | ○ | ◇ |
| Heavy Duty | B | 1050 | 42 | 1.00 | 1.31 | 892 | 1,967 | 100 | ● | ◉ |
| | B | 1200 | 48 | 1.19 | 1.56 | 917 | 2,022 | 100 | ⊖ | ⊖ |
| | B | 1300 | 52 | 1.30 | 1.70 | 974 | 2,148 | 100 | ⊖ | ○ |
| Severe Duty | B | 1050 | 42 | 1.00 | 1.31 | 948 | 2,091 | 90 | ● | ◉ |
| | B | 1200 | 48 | 1.20 | 1.57 | 1011 | 2,229 | 90 | ◉ | ⊖ |
| Ditch Cleaning | B | 2000 | 78 | 1.22 | 1.60 | 869 | 1,916 | 100 | ⊖ | ⊖ |
| Ditch Cleaning Tilt | B | 2000 | 79 | 1.23 | 1.61 | 1096 | 2,417 | 100 | ⊖ | ○ |
| Maximum load with pin-on (payload + bucket) | | | | | | | | kg | 2900 | 2705 |
| | | | | | | | | lb | 6,393 | 5,964 |

The above loads are in compliance with hydraulic excavator standard EN 474-5:2022/AC:2022, they do not exceed 87% of hydraulic lifting capacity or 75% of tipping capacity with front linkage fully extended at ground line with bucket curled.

Capacity based on ISO 7451:2007.

Bucket weight with General Duty tips.

**Maximum Material Density:**

- ● 2100 kg/$m^3$ (3,500 lb/$yd^3$)
- ◉ 1800 kg/$m^3$ (3,000 lb/$yd^3$)
- ⊖ 1500 kg/$m^3$ (2,500 lb/$yd^3$)
- ○ 1200 kg/$m^3$ (2,000 lb/$yd^3$)
- ◇ 900 kg/$m^3$ (1,500 lb/$yd^3$)

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.

*(continued on next page)*

# 320 GC Narrow Hydraulic Excavator Specifications

## Bucket Specifications and Compatibility *(continued)*

| | Linkage | Width | | Capacity | | Weight | | Fill | Long Narrow Undercarriage 4.55 mt (10,000 lb) Reach Boom | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | mm | in | $m^3$ | $yd^3$ | kg | lb | % | R2.5 (8'2") | R2.9 (9'6") |
| **With Pin Grabber Coupler** | | | | | | | | | | |
| General Duty | B | 600 | 24 | 0.46 | 0.61 | 555 | 1,223 | 100 | ● | ● |
| | B | 750 | 30 | 0.64 | 0.84 | 626 | 1,380 | 100 | ● | ● |
| | B | 1300 | 51 | 1.30 | 1.70 | 835 | 1,841 | 100 | ○ | ◇ |
| | B | 1400 | 55 | 1.43 | 1.87 | 879 | 1,937 | 100 | ◇ | ◇ |
| General Duty | B | 600 | 24 | 0.46 | 0.60 | 550 | 1,212 | 100 | ● | ● |
| | B | 750 | 30 | 0.64 | 0.84 | 621 | 1,368 | 100 | ● | ● |
| | B | 1000 | 39 | 0.93 | 1.22 | 717 | 1,580 | 100 | ◉ | ⊖ |
| | B | 1200 | 48 | 1.19 | 1.56 | 807 | 1,778 | 100 | ○ | ○ |
| | B | 1400 | 55 | 1.43 | 1.87 | 874 | 1,926 | 100 | ◇ | ◇ |
| | B | 1500 | 60 | 1.58 | 2.06 | 914 | 2,014 | 100 | ◇ | ◇ |
| Heavy Duty | B | 1050 | 42 | 1.00 | 1.31 | 892 | 1,967 | 100 | ⊖ | ○ |
| | B | 1200 | 48 | 1.19 | 1.56 | 917 | 2,022 | 100 | ○ | ○ |
| | B | 1300 | 52 | 1.30 | 1.70 | 974 | 2,148 | 100 | ○ | ◇ |
| Severe Duty | B | 1050 | 42 | 1.00 | 1.31 | 948 | 2,091 | 90 | ⊖ | ⊖ |
| | B | 1200 | 48 | 1.20 | 1.57 | 1011 | 2,229 | 90 | ○ | ○ |
| Ditch Cleaning | B | 2000 | 78 | 1.22 | 1.60 | 869 | 1,916 | 100 | ○ | ○ |
| Ditch Cleaning Tilt | B | 2000 | 79 | 1.23 | 1.61 | 1096 | 2,417 | 100 | ◇ | ◇ |
| Maximum load with coupler (payload + bucket) | | | | | | | | kg | 2478 | 2283 |
| | | | | | | | | lb | 5,464 | 5,034 |

The above loads are in compliance with hydraulic excavator standard EN 474-5:2022/AC:2022, they do not exceed 87% of hydraulic lifting capacity or 75% of tipping capacity with front linkage fully extended at ground line with bucket curled.

Capacity based on ISO 7451:2007.

Bucket weight with General Duty tips.

**Maximum Material Density:**

- ● 2100 kg/$m^3$ (3,500 lb/$yd^3$)
- ◉ 1800 kg/$m^3$ (3,000 lb/$yd^3$)
- ⊖ 1500 kg/$m^3$ (2,500 lb/$yd^3$)
- ○ 1200 kg/$m^3$ (2,000 lb/$yd^3$)
- ◇ 900 kg/$m^3$ (1,500 lb/$yd^3$)

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*(continued on next page)*

## Bucket Specifications and Compatibility *(continued)*

| | Linkage | Width | | Capacity | | Weight | | Fill | Long Narrow Undercarriage 4.55 mt (10,000 lb) Reach Boom | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | mm | in | $m^3$ | $yd^3$ | kg | lb | % | R2.5 (8'2") | R2.9 (9'6") |
| **With CW40 Coupler** | | | | | | | | | | |
| General Duty | B | 900 | 36 | 0.81 | 1.06 | 664 | 1,463 | 100 | ● | ● |
| | B | 1050 | 42 | 1.00 | 1.31 | 711 | 1,567 | 100 | ◉ | ◉ |
| | B | 1200 | 48 | 1.19 | 1.56 | 781 | 1,721 | 100 | ⊖ | ○ |
| | B | 1300 | 51 | 1.30 | 1.70 | 813 | 1,791 | 100 | ○ | ○ |
| | B | 1400 | 55 | 1.43 | 1.87 | 863 | 1,903 | 100 | ○ | ◇ |
| General Duty with Leveling Edge | B | 650 | 26 | 0.70 | 0.92 | 567 | 1,249 | 100 | ● | ● |
| | B | 800 | 31 | 0.68 | 0.89 | 614 | 1,353 | 100 | ● | ● |
| | B | 1200 | 47 | 1.19 | 1.56 | 787 | 1,734 | 100 | ⊖ | ○ |
| | B | 1400 | 55 | 1.43 | 1.87 | 855 | 1,884 | 100 | ○ | ◇ |
| | B | 1500 | 60 | 1.58 | 2.06 | 895 | 1,972 | 100 | ◇ | ◇ |
| Heavy Duty | B | 600 | 24 | 0.46 | 0.61 | 618 | 1,363 | 100 | ● | ● |
| | B | 1200 | 48 | 1.19 | 1.56 | 886 | 1,953 | 100 | ⊖ | ○ |
| | B | 1300 | 52 | 1.30 | 1.71 | 944 | 2,081 | 100 | ○ | ○ |
| Ditch Cleaning | B | 2100 | 83 | 1.29 | 1.69 | 792 | 1,746 | 100 | ⊖ | ○ |
| | B | 2100 | 83 | 1.46 | 1.91 | 809 | 1,784 | 100 | ○ | ◇ |
| | B | 1800 | 72 | 1.50 | 1.96 | 775 | 1,709 | 100 | ○ | ◇ |
| | B | 1800 | 72 | 1.50 | 1.96 | 737 | 1,624 | 100 | ○ | ○ |
| | B | 2100 | 83 | 1.76 | 2.31 | 864 | 1,905 | 100 | ◇ | ◇ |
| Ditch Cleaning Tilt | B | 2000 | 79 | 1.23 | 1.61 | 1161 | 2,560 | 100 | ○ | ◇ |
| | | | | | | | | kg | 2650 | 2455 |
| Maximum load with coupler (payload + bucket) | | | | | | | | lb | 5,842 | 5,412 |
| **With CW40s Coupler** | | | | | | | | | | |
| General Duty | B | 600 | 24 | 0.46 | 0.61 | 508 | 1,119 | 100 | ● | ● |
| | B | 750 | 30 | 0.64 | 0.84 | 592 | 1,305 | 100 | ● | ● |
| | B | 900 | 36 | 0.81 | 1.06 | 661 | 1,457 | 100 | ● | ● |
| | B | 1300 | 51 | 1.30 | 1.70 | 810 | 1,785 | 100 | ⊖ | ○ |
| | B | 1400 | 55 | 1.43 | 1.87 | 845 | 1,862 | 100 | ○ | ○ |
| Heavy Duty | B | 600 | 24 | 0.46 | 0.61 | 585 | 1,289 | 100 | ● | ● |
| | B | 1200 | 48 | 1.19 | 1.56 | 875 | 1,928 | 100 | ⊖ | ○ |
| | B | 1300 | 52 | 1.30 | 1.70 | 931 | 2,052 | 100 | ○ | ○ |
| Ditch Cleaning | B | 2000 | 78 | 1.22 | 1.60 | 815 | 1,797 | 100 | ⊖ | ○ |
| | B | 2200 | 87 | 1.36 | 1.78 | 880 | 1,940 | 100 | ○ | ○ |
| Ditch Cleaning Tilt | B | 2000 | 79 | 1.23 | 1.61 | 1142 | 2,518 | 100 | ○ | ◇ |
| | | | | | | | | kg | 2672 | 2478 |
| Maximum load with coupler (payload + bucket) | | | | | | | | lb | 5,890 | 5,463 |

The above loads are in compliance with hydraulic excavator standard EN 474-5:2022/AC:2022, they do not exceed 87% of hydraulic lifting capacity or 75% of tipping capacity with front linkage fully extended at ground line with bucket curled.

Capacity based on ISO 7451:2007.

Bucket weight with General Duty tips.

**Maximum Material Density:**

- ● 2100 kg/$m^3$ (3,500 lb/$yd^3$)
- ◉ 1800 kg/$m^3$ (3,000 lb/$yd^3$)
- ⊖ 1500 kg/$m^3$ (2,500 lb/$yd^3$)
- ○ 1200 kg/$m^3$ (2,000 lb/$yd^3$)
- ◇ 900 kg/$m^3$ (1,500 lb/$yd^3$)

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*(continued on next page)*

# 320 GC Narrow Hydraulic Excavator Specifications

## Attachments Offering Guide

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

| **Undercarriage** | | **Long Narrow** | |
|---|---|---|---|
| **Counterweight** | | **4.55 mt (10,000 lb)** | |
| **Boom Type** | | **Reach** | |
| **Stick Length** | | **R2.5 (8'2")** | **R2.9 (9'6")** |
| Hydraulic Hammers | H115 GC S | ✓ | ✓ |
| | H115 S | ✓ | ✓ |
| | H120 GC S | ✓ | ✓ |
| | H120 S | ✓ | ✓ |
| | H130 GC 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 | G317 GC | ✓ | ✓ |
| | G318 | ✓ | ✓ |
| | G318 WH-800 | ✓ | ✓ |
| | G318 WH-1100 | ✓ | ✓ |
| Mobile Scrap and Demolition Shears | S3025 Flat Top | ✓ | ✓* |
| Pulverizers | P218 Secondary Pulverizer | ✓ | ✓ |
| | P318 Primary Pulverizer | ✓ | ✓ |
| Compactors (Vibratory Plate) | CVP110 | ✓ | ✓ |
| Rotary Cutters | RC20 | ✓ | ✓ |

*(continued on next page)*

## Attachments Offering Guide *(continued)*

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

● 1800 kg/m³ (3,000 lb/yd³) ○ 1200 kg/m³ (2,000 lb/yd³) ◇ 600 kg/m³ (1,000 lb/yd³) No Match

### PIN-ON ATTACHMENTS *(continued)*

| **Undercarriage** | | **Long Narrow** | |
|---|---|---|---|
| **Counterweight** | | **4.55 mt (10,000 lb)** | |
| **Boom Type** | | **Reach** | |
| **Stick Length** | | **R2.5 (8'2")** | **R2.9 (9'6")** |
| Orange Peel Grapples | GSH420-500 | ● | ● |
| | GSH420-600 | ● | ● |
| | GSH420-750 | ● | ● |
| | GSH425-750 | ○ | ○ |
| | GSH425-950 | ○ | |
| | GSH425-1150 | | |
| | GSH520-500 | ● | ● |
| | GSH520-600 | ● | ● |
| | GSH520-750 | ● | ○ |
| | GSH525-750 | ○ | |
| | GSH525-950 | | |
| | GSV420-400 | ● | ● |
| | GSV420-500 | ● | ● |
| | GSV420-600 | ● | ● |
| | GSV420-750 | ● | ● |
| | GSV420-1250 | ◇ | ◇ |
| | GSV425-600 | ● | ● |
| | GSV425-750 | ○ | ○ |
| | GSV425-950 | ○ | |
| | GSV425-1150 | | |
| | GSV425-1550 | ◇ | |
| | GSV520 GC-400 | ● | ● |
| | GSV520 GC-500 | ● | ● |
| | GSV520 GC-600 | ● | ● |
| | GSV520 GC-750 | ● | ● |
| | GSV520 GC-1250 | | |
| | GSV520-400 | ● | ● |
| | GSV520-500 | ● | ● |
| | GSV520-600 | ● | ● |
| | GSV520-750 | ● | ● |
| | GSV520-1250 | | |
| | GSV525-600 | ● | ○ |
| | GSV525-750 | ○ | |
| | GSV525-950 | | |
| | GSV525-1550 | | |
| Clamshell Grapples | CTV15-1000 | ○ | ○ |
| | CTV15-1200 | ○ | |

*(continued on next page)*

## Attachments Offering Guide *(continued)*

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

✓ Match | * Working range front only | † Allowed usage on machine less than 50% | No Match

### CAT PIN GRABBER COUPLER ATTACHMENTS

| **Undercarriage** | | **Long Narrow** | |
|---|---|---|---|
| **Counterweight** | | **4.55 mt (10,000 lb)** | |
| **Boom Type** | | **Reach** | |
| **Stick Length** | | **R2.5 (8'2")** | **R2.9 (9'6")** |
| Hydraulic Hammers | H115 GC S | ✓ | ✓ |
| | H115 S | ✓ | ✓ |
| | H120 GC S | ✓† | ✓† |
| | H120 S | ✓† | ✓† |
| | H130 GC 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 | G317 GC | ✓ | ✓ |
| | G318 | ✓ | ✓* |
| | G318 WH-800 | ✓ | ✓* |
| | G318 WH-1100 | | |
| Mobile Scrap and Demolition Shears | S3025 Flat Top | | |
| Pulverizers | P218 Secondary Pulverizer | ✓* | |
| | P318 Primary Pulverizer | ✓* | |
| Compactors (Vibratory Plate) | CVP110 | ✓ | ✓ |
| Rotary Cutters | RC20 | ✓ | ✓ |

*(continued on next page)*

## Attachments Offering Guide *(continued)*

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

✓ Match | * Working range front only | † Allowed usage on machine less than 50% | No Match

### CW-40s DEDICATED COUPLER ATTACHMENTS

| **Undercarriage** | | **Long Narrow** | |
|---|---|---|---|
| **Counterweight** | | **4.55 mt (10,000 lb)** | |
| **Boom Type** | | **Reach** | |
| **Stick Length** | | **R2.5 (8'2")** | **R2.9 (9'6")** |
| Hydraulic Hammers | H115 GC S | ✓ | ✓ |
| | H115 S | ✓ | ✓ |
| | 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 | G317 GC | ✓ | ✓ |
| | G318 | ✓ | ✓ |
| | G318 WH-800 | ✓ | ✓ |
| | G318 WH-1100 | ✓ | ✓* |
| Mobile Scrap and Demolition Shears | S3025 Flat Top | ✓* | |
| Pulverizers | P218 Secondary Pulverizer | ✓ | ✓* |
| | P318 Primary Pulverizer | ✓ | ✓* |
| Compactors (Vibratory Plate) | CVP110 | ✓ | ✓ |
| Rotary Cutters | RC20 | ✓ | ✓ |

*(continued on next page)*

## Attachments Offering Guide *(continued)*

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

✓ Match | * Working range front only | † Allowed usage on machine less than 50% | No Match

### CW-40 DEDICATED COUPLER ATTACHMENTS

| **Undercarriage** | | **Long Narrow** | |
|---|---|---|---|
| **Counterweight** | | **4.55 mt (10,000 lb)** | |
| **Boom Type** | | **Reach** | |
| **Stick Length** | | **R2.5 (8'2")** | **R2.9 (9'6")** |
| Hydraulic Hammers | H115 GC S | ✓ | ✓ |
| | H115 S | ✓ | ✓ |
| | H120 GC S | ✓† | ✓† |
| | H120 S | ✓† | ✓† |
| | H130 GC 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 | G317 GC | ✓ | ✓ |
| | G317 GC fixed CAN | ✓ | ✓ |
| | G318 | ✓ | ✓ |
| | G318 fixed CAN | ✓ | ✓ |
| | G318 WH-800 | ✓ | ✓ |
| | G318 WH-1100 | ✓ | ✓* |
| Mobile Scrap and Demolition Shears | S3025 Flat Top | ✓* | |
| Pulverizers | P218 Secondary Pulverizer | ✓ | ✓* |
| | P318 Primary Pulverizer | ✓ | ✓* |
| Compactors (Vibratory Plate) | CVP110 | ✓ | ✓ |
| Rotary Cutters | RC20 | ✓ | ✓ |

*(continued on next page)*

## Attachments Offering Guide *(continued)*

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

✓ Match | * Working range front only | † Allowed usage on machine less than 50% | No Match

### HCCW-40 DEDICATED COUPLER ATTACHMENTS

| | | | |
|---|---|---|---|
| **Undercarriage** | | **Long Narrow** | |
| **Counterweight** | | **4.55 mt (10,000 lb)** | |
| **Boom Type** | | **Reach** | |
| **Stick Length** | | **R2.5 (8'2")** | **R2.9 (9'6")** |
| Hydraulic Hammers | H115 GC S | ✓ | ✓ |
| | H115 S | ✓ | ✓ |
| | H120 GC S | ✓† | ✓† |
| | H120 S | ✓† | ✓† |
| | H130 GC 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 | G317 GC | ✓ | ✓ |
| | G318 | ✓* | |
| | G318 WH-800 | ✓ | ✓* |
| | G318 WH-1100 | | |
| Mobile Scrap and Demolition Shears | S3025 Flat Top | | |
| Pulverizers | P218 Secondary Pulverizer | ✓* | |
| | P318 Primary Pulverizer | | |
| Compactors (Vibratory Plate) | CVP110 | ✓ | ✓ |
| Rotary Cutters | RC20 | ✓ | ✓ |

### S70 DEDICATED COUPLER ATTACHMENTS

| | | | |
|---|---|---|---|
| **Undercarriage** | | **Long Narrow** | |
| **Counterweight** | | **4.55 mt (10,000 lb)** | |
| **Boom Type** | | **Reach** | |
| **Stick Length** | | **R2.5 (8'2")** | **R2.9 (9'6")** |
| Hydraulic Hammers | H115 GC S | ✓ | ✓ |
| | H115 S | ✓ | ✓ |
| | 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 | G317 GC | ✓ | ✓ |
| | G318 | ✓ | ✓* |
| | G318 WH-800 | ✓ | ✓ |
| | G318 WH-1100 | ✓* | |
| Mobile Scrap and Demolition Shears | S3025 Flat Top | | |
| Pulverizers | P218 Secondary Pulverizer | ✓ | ✓* |
| | P318 Primary Pulverizer | ✓ | |
| Compactors (Vibratory Plate) | CVP110 | ✓ | ✓ |
| Rotary Cutters | RC20 | ✓ | ✓ |

*(continued on next page)*

## Attachments Offering Guide *(continued)*

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

✓ Match | * Working range front only | † Allowed usage on machine less than 50% | No Match

### HCS70 COUPLER ATTACHMENTS

| **Undercarriage** | | **Long Narrow** | |
|---|---|---|---|
| **Counterweight** | | **4.55 mt (10,000 lb)** | |
| **Boom Type** | | **Reach** | |
| **Stick Length** | | **R2.5 (8'2")** | **R2.9 (9'6")** |
| Hydraulic Hammers | H115 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 | G317 GC | ✓ | ✓ |
| | G318 | ✓ | |
| | G318 WH-800 | ✓ | ✓* |
| | G318 WH-1100 | | |
| Mobile Scrap and Demolition Shears | S3025 Flat Top | | |
| Pulverizers | P218 Secondary Pulverizer | ✓* | |
| | P318 Primary Pulverizer | ✓* | |
| Compactors (Vibratory Plate) | CVP110 | ✓ | ✓ |
| Rotary Cutters | RC20 | ✓ | ✓ |

*(continued on next page)*

## Attachments Offering Guide *(continued)*

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

✓ Match | * Working range front only | † Allowed usage on machine less than 50% | No Match

### HCS70/55 COUPLER ATTACHMENTS

| **Undercarriage** | | **Long Narrow** | |
|---|---|---|---|
| **Counterweight** | | **4.55 mt (10,000 lb)** | |
| **Boom Type** | | **Reach** | |
| **Stick Length** | | **R2.5 (8'2")** | **R2.9 (9'6")** |
| Hydraulic Hammers | H115 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 | G317 GC | ✓* | ✓ |
| | G318 | ✓* | |
| | G318 WH-800 | ✓ | ✓* |
| | G318 WH-1100 | | |
| Mobile Scrap and Demolition Shears | S3025 Flat Top | | |
| Pulverizers | P218 Secondary Pulverizer | | |
| | P318 Primary Pulverizer | | |
| Compactors (Vibratory Plate) | CVP110 | ✓ | ✓ |
| Rotary Cutters | RC20 | ✓ | ✓ |

### BOOM-MOUNT ATTACHMENTS

| **Undercarriage** | | **Long Narrow** |
|---|---|---|
| **Counterweight** | | **4.55 mt (10,000 lb)** |
| **Boom Type** | | **Reach** |
| Mobile Scrap and Demolition Shears | S2050 | ✓ |
| | S3035 Flat Top | ✓ |

# 320 GC Narrow Standard and Optional Equipment

## Standard and Optional Equipment

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

| | Standard | Optional |
|---|---|---|
| **CAB** | | |
| ROPS | ✓ | |
| OPG | | ✓ |
| High-resolution 203 mm (8") LCD touchscreen monitor | ✓ | |
| Auto bi-level air conditioner | ✓ | |
| Jog dial and shortcut keys for monitor control | ✓ | |
| Keyless push-to-start engine control | ✓ | |
| Height-adjustable console, three steps with tool | ✓ | |
| Fixed left-side console | ✓ | |
| Air-suspension seat | ✓ | |
| 51 mm (2") seat belt | ✓ | |
| DAB radio with Bluetooth (includes USB/Aux ports) | ✓ | |
| 12V DC outlets | ✓ | |
| Document storage | ✓ | |
| Beverage holder | ✓ | |
| Cup holder | ✓ | |
| Openable two-piece front window | ✓ | |
| Rear window emergency exit | ✓ | |
| Radial wiper with washer | ✓ | |
| Openable steel hatch | ✓ | |
| LED dome light | ✓ | |
| Roller front sunscreen | ✓ | |
| Roller rear sunscreen | | ✓ |
| Washable floor mat | ✓ | |
| Beacon ready | ✓ | |

| | Standard | Optional |
|---|---|---|
| **ENGINE** | | |
| Cat C4.4 single turbo engine | ✓ | |
| Two selectable power modes | ✓ | |
| Auto engine speed control | ✓ | |
| Auto engine idle shutdown | ✓ | |
| 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 | ✓ | |
| **HYDRAULIC SYSTEM** | | |
| Boom and stick regeneration circuits | ✓ | |
| Boom/stick lowering check valves | ✓ | |
| SmartBoom™ | | ✓ |
| Electronic main control valve | ✓ | |
| Auto warm up | ✓ | |
| Auto two-speed travel | ✓ | |
| Boom and stick drift reduction valve | ✓ | |
| Element type main hydraulic filter | ✓ | |
| Slider joysticks | ✓ | |
| Tandem type electronic main pump | ✓ | |
| Advanced Tool Control | ✓ | |
| Medium pressure circuit | | ✓ |
| Quick coupler circuit for Cat Pin Grabber and CW Dedicated | ✓ | |

*(continued on next page)*

## Standard and Optional Equipment *(continued)*

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

| | Standard | Optional |
|---|---|---|
| **UNDERCARRIAGE AND STRUCTURES** | | |
| 500 mm (20 in) triple grouser track shoes | ✓ | |
| Segmented track guiding guards | | ✓ |
| Bottom guard | ✓ | |
| Swivel guard | | ✓ |
| Travel motor guards | ✓ | |
| Grease lubricated track links | ✓ | |
| 4.55 mt (10,000 lb) counterweight | ✓ | |
| Semi-HD swing frame | | ✓ |
| Base frame with HD track rollers and standard carrier rollers | ✓ | |
| Final drive with bio oil capable travel motor | ✓ | |
| **BOOM, STICKS AND LINKAGES** | | |
| 5.7 m (18'8") Reach boom | ✓ | |
| 2.9 m (9'6") Reach stick | | ✓ |
| 2.5 m (8'2") Reach stick | | ✓ |
| Bucket linkage, B1-family with lifting eye | | ✓ |
| Bucket linkage, B1-family without lifting eye | | ✓ |
| **ELECTRICAL SYSTEM** | | |
| 1,000 CCA maintenance-free batteries (×2) | ✓ | |
| Centralized electrical disconnect switch | ✓ | |
| Programmable time-delay LED working lights | ✓ | |
| LED chassis light, boom lights, cab lights | ✓ | |

| | Standard | Optional |
|---|---|---|
| **CAT TECHNOLOGY** | | |
| Cat Equipment Management: | | |
| VisionLink™ | ✓[1] | |
| Remote Flash | ✓ | |
| **SERVICE AND MAINTENANCE** | | |
| S·O·S℠ ports | ✓ | |
| Ground-level second dipstick for engine oil | ✓ | |
| Side entry to service platform | ✓ | |
| Integrated vehicle health management system | ✓ | |
| **SAFETY AND SECURITY** | | |
| Auto hammer stop | ✓ | |
| Rear and right-hand-sideview cameras | | ✓ |
| Cab mirror for RH side track edge | ✓ | |
| Cat PL161 attachment locator | | ✓ |
| Neutral lever (lock out) for all controls | ✓ | |
| Anti-skid plate and countersunk bolts on service platform | ✓ | |
| Ground-level accessible secondary engine shutoff switch | ✓ | |
| Lockable disconnect switch | ✓ | |
| Swing alarm | | ✓ |
| RH handrail and handhold | ✓ | |
| OPG guards | | ✓ |
| Inspection lighting | | ✓ |

[1]Provides core telematics data to manage health, maintenance insights, and condition monitoring. Other plans available for more comprehensive data reporting. Consult your Cat dealer for details.

# 320 GC Narrow Attachments

## Dealer Installed Kit and Attachments

Attachments may vary. Consult your Cat dealer for details.

### CAB

- Lower radial wiper
- Rain protector plus cab light cover
- Polycarbonate roof hatch
- Sun visor, slider
- Laminated P5A glass front windshield
- LH/RH electrical pedal for tool control
- Armrest kit
- Dual exit rear window kit
- 75 mm (3") retractable seat belt
- Lunch box net
- Rear storage
- Tool box

### GUARDS

- Swivel guard
- Side rubber bumper guard
- Operator Protective Guards
- Mesh guard full front
- Mesh guard half front
- Full protecting vandalism guard

### MAINTENANCE

- Duct ready kit

### SAFETY AND SECURITY

- Bluetooth receiver

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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