

# PRODUCT SPECIFICATIONS FOR 320 GC

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## ENGINE

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<b>Net Power - ISO 9249</b>	109 kW
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<b>Engine Model</b>	Cat C4.4e TA
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<b>Engine Power - ISO 14396</b>	110 kW
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<b>Bore</b>	105 mm
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<b>Stroke</b>	127 mm
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<b>Displacement</b>	4.4 l
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## HYDRAULIC SYSTEM

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<b>Main System - Maximum Flow</b>	442 l/min (116 gal/min)
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<b>Maximum Pressure - Equipment</b>	35000 kPa
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<b>Maximum Pressure - Travel</b>	34300 kPa
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<b>Maximum Pressure - Swing</b>	25000 kPa
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## SWING MECHANISM

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<b>Swing Speed</b>	11.6 r/min
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<b>Maximum Swing Torque</b>	74.4 kN·m
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## WEIGHTS

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<b>Operating Weight</b>	21900 kg
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## SERVICE REFILL CAPACITIES

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<b>Fuel Tank Capacity</b>	345 l
<b>Cooling System</b>	25 l
<b>Engine Oil</b>	15 l
<b>Swing Drive - Each</b>	12 l
<b>Final Drive - Each</b>	4 l
<b>Hydraulic System - Including Tank</b>	234 l
<b>Hydraulic Tank</b>	115 l
<b>DEF Tank</b>	39 l

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## DIMENSIONS

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<b>Boom</b>	Reach 5.7 m (18'8")
<b>Stick</b>	R2.9B1 (9'6")
<b>Bucket</b>	1.00 m <sup>3</sup> (1.31 yd <sup>3</sup> )
<b>Shipping Height - Top of Cab</b>	2960 mm
<b>Handrail Height</b>	2950 mm
<b>Shipping Length</b>	9530 mm
<b>Tail Swing Radius</b>	2830 mm
<b>Counterweight Clearance</b>	1050 mm
<b>Ground Clearance</b>	470 mm
<b>Track Length</b>	3270 mm
<b>Length to Center of Rollers</b>	3650 mm
<b>Track Gauge</b>	2200 mm
<b>Transport Width</b>	3170 mm

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## WORKING RANGES & FORCES

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<b>Maximum Digging Depth</b>	6720 mm
<b>Boom</b>	Reach 5.7 m (18.8)
<b>Stick</b>	R2.9B1 (9'6")
<b>Bucket</b>	1.00 m <sup>3</sup> (1.31 yd <sup>3</sup> )
<b>Maximum Reach at Ground Level</b>	9860 mm
<b>Maximum Cutting Height</b>	9450 mm
<b>Maximum Loading Height</b>	6490 mm
<b>Minimum Loading Height</b>	2170 mm
<b>Maximum Depth Cut for 2440 mm (8 ft) Level Bottom</b>	6550 mm
<b>Maximum Vertical Wall Digging Depth</b>	5690 mm
<b>Bucket Digging Force - ISO</b>	129 kN
<b>Stick Digging Force - ISO</b>	99 kN

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## 320 GC STANDARD EQUIPMENT

### NOTE

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

### ENGINE

Cat C4.4 electronically-controlled turbo-charged Tier 4 Final diesel engine

Meets U.S. EPA Tier 4 Final and EU Stage IV emissions standards.

Two selectable power modes

One-touch low idle with auto engine speed control

Auto engine idle shutdown

Recommended for use up to 4500 m altitude (14,764 ft) with engine power derate above 3000 m (9,842.5 ft).

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