

# PRODUCT SPECIFICATIONS FOR 320

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## ENGINE

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Net Power - ISO 9249	172 HP
Engine Model	Cat C4.4e TTA
Engine Power - ISO 14396	173 HP
Bore	4 in
Stroke	5 in
Displacement	269 in <sup>3</sup>

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## HYDRAULIC SYSTEM

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Main System - Maximum Flow	429 l/min (113 gal/min)
Maximum Pressure - Equipment	5075 psi
Maximum Pressure - Travel	4974 psi
Maximum Pressure - Swing	3988 psi

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## SWING MECHANISM

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Maximum Swing Torque	60300 ft·lbf
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## WEIGHTS

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Operating Weight	50265 lb
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## SERVICE REFILL CAPACITIES

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<b>Fuel Tank Capacity</b>	86.6 gal (US)
<b>Cooling System</b>	6.6 gal (US)
<b>Engine Oil</b>	4 gal (US)
<b>Swing Drive - Each</b>	3.2 gal (US)
<b>Final Drive - Each</b>	1.3 gal (US)
<b>Hydraulic System - Including Tank</b>	61.8 gal (US)
<b>Hydraulic Tank</b>	30.4 gal (US)
<b>DEF Tank</b>	10.3 gal (US)

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## DIMENSIONS

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<b>Boom</b>	Reach 5.7 m (18'8")
<b>Stick</b>	Reach 2.9 m (9'6")
<b>Bucket</b>	1.19 m <sup>3</sup> (1.56 yd <sup>3</sup> )
<b>Shipping Height - Top of Cab</b>	9.8 ft
<b>Handrail Height</b>	9.8 ft
<b>Shipping Length</b>	31 ft
<b>Tail Swing Radius</b>	9.3 ft
<b>Counterweight Clearance</b>	3.4 ft
<b>Ground Clearance</b>	1.6 ft
<b>Track Length</b>	14.7 ft
<b>Length to Center of Rollers</b>	12 ft
<b>Track Gauge</b>	7.9 ft
<b>Transport Width</b>	9.8 ft

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## WORKING RANGES & FORCES

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Maximum Digging Depth	22.1 ft
Boom	Reach 5.7 m (18'8")
Stick	Reach 2.9 m (9'6")
Bucket	1.19 m <sup>3</sup> (1.56 yd <sup>3</sup> )
Maximum Reach at Ground Level	32.4 ft
Maximum Cutting Height	30.8 ft
Maximum Loading Height	21.4 ft
Minimum Loading Height	7.1 ft
Maximum Depth Cut for 2440 mm (8 ft) Level Bottom	21.5 ft
Maximum Vertical Wall Digging Depth	17 ft
Bucket Digging Force - ISO	38811 lbf
Stick Digging Force - ISO	23911 lbf

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## 320 STANDARD EQUIPMENT

### NOTE

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

### CAB

ROPS, sound suppression

Mechanically adjustable seat

High-resolution 203 mm (8 in) LCD touchscreen monitor

### CAT TECHNOLOGY

Cat Product Link

Cat GRADE with 2D

### CAT TECHNOLOGY

Cat GRADE with Assist

Cat PAYLOAD

2D E-Fence

Lift Assist

Auto Dig Boost

Remote troubleshoot

## ENGINE

Three selectable power modes

Auto engine speed control

52°C (126°F) ambient cooling capacity

-32°C (-25°F) cold start capability

Reversing electric cooling fans

Biodiesel capability up to B20

## HYDRAULIC SYSTEM

Boom and stick regeneration circuits

Slide joysticks

Auto hydraulic warm up

Auto two-speed travel

Boom and stick drift reduction valve

Advanced tool control - Europe only

## BOOM AND STICKS

5.7 m (18'8") reach boom, 2.9 m (9'6") stick

## UNDERCARRIAGE AND STRUCTURES

Tie-down points on base frame

## ELECTRICAL SYSTEM

Two 1,000 CCA maintenance-free batteries

Programmable time-delay LED working lights

LED chassis light, left-hand/right-hand boom lights, cab lights

## SERVICE AND MAINTENANCE

Sampling ports for Scheduled Oil Sampling (S·O·S)

Ground-level and platform-level engine oil dipsticks

## SAFETY AND SECURITY

Rear and right-hand-sideview cameras

Signaling/warning horn

Right-hand mirror

Ground-level engine shutoff switch

Right-hand handrail and hand hold

Signaling/warning horn

## 320 OPTIONAL EQUIPMENT

### NOTE

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

### CAB

Air-adjustable seat with heat (Deluxe only)

High-resolution 254 mm (10 in) LCD touchscreen monitor

### CAT TECHNOLOGY

Cat GRADE with 3D

Cat GRADE with Advanced 2D (not available on SLR)

Cat GRADE with 3D (not available on SLR)

## SAFETY AND SECURITY

Cat Command remote control

Right-hand-side camera

360° visibility

### ENGINE

52°C (125°F) high-ambient cooling capacity

### HYDRAULIC SYSTEM

Boom and stick lowering check valves

Hammer return filter circuit

Combined flow/high-pressure auxiliary circuit

Medium-pressure circuit

Quick coupler circuit for Cat Pin Grabber

## BOOM AND STICKS

8.85 m (29'0") SLR boom, 6.28 m (20'7") SLR stick

## UNDERCARRIAGE AND STRUCTURES

600 mm (24") triple grouser shoes

700 mm (28") triple grouser shoes

790 mm (31") triple grouser shoes

900 mm (35") triple grouser shoes

4200 kg (9,300 lb) counterweight for HD boom and stick

## ELECTRICAL SYSTEM

Premium surround lighting package