

PRODUCT SPECIFICATIONS FOR 320

ENGINE

Net Power - ISO 9249	128 kW
Engine Model	Cat C4.4e TTA
Engine Power - ISO 14396	129 kW
Bore	105 mm
Stroke	127 mm
Displacement	4.4 l

HYDRAULIC SYSTEM

Main System - Maximum Flow	429 l/min (113 gal/min)
Maximum Pressure - Equipment	35000 kPa
Maximum Pressure - Travel	34300 kPa
Maximum Pressure - Swing	27500 kPa

SWING MECHANISM

Maximum Swing Torque	82 kN·m
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WEIGHTS

Operating Weight	22800 kg
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SERVICE REFILL CAPACITIES

Fuel Tank Capacity	345 l
Cooling System	25 l
Engine Oil	15 l
Swing Drive - Each	12 l
Final Drive - Each	5 l
Hydraulic System - Including Tank	234 l
Hydraulic Tank	115 l
DEF Tank	39 l

DIMENSIONS

Boom	Reach 5.7 m (18'8")
Stick	Reach 2.9 m (9'6")
Bucket	1.19 m ³ (1.56 yd ³)
Shipping Height - Top of Cab	2960 mm
Handrail Height	2950 mm
Shipping Length	9530 mm
Tail Swing Radius	2830 mm
Counterweight Clearance	1048 mm
Ground Clearance	470 mm
Track Length	4450 mm
Length to Center of Rollers	3650 mm
Track Gauge	2380 mm
Transport Width	2980 mm

WORKING RANGES & FORCES

Maximum Digging Depth	6720 mm
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Boom	Reach 5.7 m (18'8")
Stick	Reach 2.9 m (9'6")
Bucket	1.19 m ³ (1.56 yd ³)
Maximum Reach at Ground Level	9860 mm
Maximum Cutting Height	9370 mm
Maximum Loading Height	6490 mm
Minimum Loading Height	2170 mm
Maximum Depth Cut for 2440 mm (8 ft) Level Bottom	6550 mm
Maximum Vertical Wall Digging Depth	5190 mm
Bucket Digging Force - ISO	150 kN
Stick Digging Force - ISO	106 kN

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

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

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