

PRODUCT SPECIFICATIONS FOR 320 GC



Net Power - ISO 9249	146 HP
Engine Model	Cat C4.4e TA
Engine Power - ISO 14396	148 HP
Bore	4 in
Stroke	5 in
Displacement	269 in ³
Main System - Maximum Flow	442 l/min (116 gal/min)
Maximum Pressure - Equipment	5075 psi
Maximum Pressure - Travel	4974 psi
Maximum Pressure - Swing	3625 psi
Swing Speed	11.6 r/min
Maximum Swing Torque	54900 ft·lbf
Operating Weight	48300 lb
Fuel Tank Capacity	86.6 gal (US)
Cooling System	6.6 gal (US)

Engine Oil	4 gal (US)
Swing Drive - Each	3.2 gal (US)
Final Drive - Each	1.1 gal (US)
Hydraulic System - Including Tank	61.8 gal (US)
Hydraulic Tank	30.4 gal (US)
DEF Tank	10.3 gal (US)
Boom	Reach 5.7 m (18'8")
Stick	R2.9B1 (9'6")
Bucket	1.00 m ³ (1.31 yd ³)
Shipping Height - Top of Cab	9.7 ft
Handrail Height	9.8 ft
Shipping Length	31.3 ft
Tail Swing Radius	9.3 ft
Counterweight Clearance	3.4 ft
Ground Clearance	1.5 ft
Track Length	14.7 ft
Length to Center of Rollers	12 ft
Track Gauge	7.9 ft

Transport Width	10.4 ft
Maximum Digging Depth	22 ft
Boom	Reach 5.7 m (18.8)
Stick	R2.9B1 (9'6")
Bucket	1.00 m ³ (1.31 yd ³)
Maximum Reach at Ground Level	32.3 ft
Maximum Cutting Height	31 ft
Maximum Loading Height	21.3 ft
Minimum Loading Height	7.1 ft
Maximum Depth Cut for 2440 mm (8 ft) Level Bottom	21.6 ft
Maximum Vertical Wall Digging Depth	18.7 ft
Bucket Digging Force - ISO	28935 lbf
Stick Digging Force - ISO	22281 lbf

320 GC STANDARD EQUIPMENT

NOTE

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

BOOM AND STICKS

5.7 m (18'8") Reach boom

CAB

Rollover protective structure (ROPS)

Mechanical-suspension seat

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

CAT TECHNOLOGY

Cat Product Link™

Remote Flash

Remote Troubleshoot

Auto hammer stop

ELECTRICAL

Two 1,000 CCA maintenance-free batteries

Programmable time-delay LED working lights

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

ENGINE

Cat C4.4 single turbo engine

Two selectable power modes

Auto engine speed control

Auto engine idle shutdown

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

-32° C (-25° F) cold start capability

Double element air filter with integrated pre-cleaner

Reversible electric cooling fans

HYDRAULIC SYSTEM

Boom and stick regeneration circuits

Boom and stick lowering check valves

Auto warm up

Auto two-speed travel

Boom and stick drift reduction valve

Slider joysticks

Tool control (two pumps, one/two way high-pressure flow)

SAFETY AND SECURITY

Rearview and right-hand-sideview cameras

Ground-level engine shutoff switch

Right-hand handrail and hand hold

Signaling/warning horn

SERVICE AND MAINTENANCE

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

Ground-level and platform-level engine oil dipsticks

UNDERCARRIAGE AND STRUCTURES

Tie-down points on base frame

3700 kg (8,160 lb) counterweight (Turkey only)

4200 kg (9,300 lb) counterweight

320 GC OPTIONAL EQUIPMENT

NOTE

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

BOOM AND STICKS

2.9 m (9'6") Reach stick

2.5 m (8'2") Reach stick

2.9 m (9'6") Semi-HD Reach stick

2.5 m (8'2") Semi-HD Reach stick

SAFETY AND SECURITY

Swing alarm

Inspection lighting

SERVICE AND MAINTENANCE

Integrated vehicle health management system

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

