

PRODUCT SPECIFICATIONS FOR 317

Net Power - ISO 9249	130 HP
Engine Model	Cat C4.4
Engine Power - ISO 14396	131 HP
Bore	4 in
Stroke	5 in
Displacement	269 in³
Main System - Maximum Flow	296 L/min (78 gal/min)
Maximum Pressure - Equipment	5076 psi
Maximum Pressure - Travel	5076 psi
Maximum Pressure - Swing	3741 psi
Swing Speed	8.7 r/min
Maximum Swing Torque	44990 ft·lbf
Operating Weight	40200 lb
Fuel Tank Capacity	71.6 gal (US)
Cooling System	7.4 gal (US)

Engine Oil	4 gal (US)
Final Drive - Each	1.6 gal (US)
Hydraulic System - Including Tank	24.8 gal (US)
Hydraulic Tank	23 gal (US)
DEF Tank	5.9 gal (US)
Boom	Reach 5.1 m (16'9")
Stick	Reach R2.9 m (9'6")
Bucket	GD 0.76 m³ (0.99 yd³)
Shipping Height - Top of Cab	9.6 ft
Handrail Height	9.6 ft
Shipping Length	28.1 ft
Tail Swing Radius	8.2 ft
Counterweight Clearance	3.3 ft
Ground Clearance	1.4 ft
Track Length	13 ft
Length to Center of Rollers	10.4 ft
Track Gauge	6.5 ft
Transport Width	8.8 ft

Maximum Digging Depth	21 ft
Boom	Reach 5.1 m (16'9")
Stick	Reach R2.9 m (9'6")
Bucket	GD 0.76 m³ (0.99 yd³)
Maximum Reach at Ground Level	29.6 ft
Maximum Cutting Height	29.1 ft
Maximum Loading Height	20.6 ft
Minimum Loading Height	6.5 ft
Maximum Depth Cut for 2440 mm (8 ft) Level Bottom	20.2 ft
Maximum Vertical Wall Digging Depth	16.3 ft
Minimum Working Equipment Radius	9.6 ft
Bucket Digging Force - ISO	27650 lbf
Stick Digging Force - ISO	16860 lbf

Air Conditioning	The air conditioning system on this machine contains the fluorinated greenhouse gas refrigerant R134a (Global Warming Potential = 1430). The system contains 0.9 hg of refrigerant which has a CO2 equivalent of 1.287 metric tonnes.
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317 STANDARD EQUIPMENT

NOTE

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

BOOM AND STICKS

5.1 m (16'9") Reach Boom

CAB

ROPS, sound suppression

Deluxe Cab: air suspension heated seat, 10" touch screen monitor

CAT TECHNOLOGIES

Cat Product Link

Cat Grade with 2D

Cat Payload

Cat Assist

2D E-Fence

Remote Flash capability

Remote Troubleshoot capability

Work tool recognition

Work tool tracking

Auto hammer stop

ELECTRICAL SYSTEM

Maintenance free battery

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

Programmable time-delay LED working lights

ENGINE

C4.4 Tier 4 Final diesel engine

One-touch low idle with automatic engine speed control

Automatic engine shutdown

Electric fuel priming pump

Two-stage fuel filtration system with water separator and indicator

Sealed double element air filter with integrated precleaner

Electric cooling fans

Biodiesel capability up to B20

HYDRAULIC SYSTEM

Boom and stick regeneration circuit

Auto hydraulic warm up

Auto two speed travel

Electric main control valve

Boom and stick drift reduction valve

Element-type main hydraulic filter

Single-type electronic main pump

SAFETY AND SECURITY

Rear and right-side-view cameras

Ground-level engine shutoff switch

Service platform with anti-skid plate and countersunk bolts

Signaling/warning horn

Hydraulic lock out lever

SERVICE AND MAINTENANCE

Side entry to service platform

Grouped engine oil and fuel filters

Ground-level engine oil dipstick

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

UNDERCARRIAGE AND STRUCTURES

Grease lubricated track link

Tie down points on base frame

317 OPTIONAL EQUIPMENT

NOTE

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

CAB

Cat Stick Steer

BOOM AND STICKS

R2.6 m (8'6") stick

R2.9 m (9'6") stick

2.9 m (9'6") thumb ready stick

R3.1 m (10'2") stick

CAT TECHNOLOGIES

Cat Grade with Advanced 2D

Cat Grade with 3D

ELECTRICAL SYSTEM

360° lighting

ENGINE

-18°C (-0°F) cold start capability

-25°C (-13°F) cold start capability

HYDRAULIC SYSTEM

Boom and stick lowering check valves

SAFETY AND SECURITY

360° visibility

UNDERCARRIAGE AND STRUCTURES

600 mm (24 in) triple grouser shoes

600 mm (24 in) rubber track shoe

700 mm (28 in) triple grouser shoes

3.05 mt (6,720 lb) counterweight

3.57 mt (7,870 lb) counterweight

