

# PRODUCT SPECIFICATIONS FOR 317



## ENGINE

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 in <sup>3</sup>

## HYDRAULIC SYSTEM

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 MECHANISM

Swing Speed	8.7 r/min
Maximum Swing Torque	44990 ft·lbf

## WEIGHTS

Operating Weight	40200 lb
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## SERVICE REFILL CAPACITIES

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)

# DIMENSIONS

Boom	Reach 5.1 m (16'9")
Stick	Reach R2.9 m (9'6")
Bucket	GD 0.76 m <sup>3</sup> (0.99 yd <sup>3</sup> )
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

## WORKING RANGES & FORCES

Maximum Digging Depth	21 ft
Boom	Reach 5.1 m (16'9")
Stick	Reach R2.9 m (9'6")
Bucket	GD 0.76 m <sup>3</sup> (0.99 yd <sup>3</sup> )
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 SYSTEM

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

Rollover protective structure (ROPS)

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

## CAT TECHNOLOGIES

Cat Product Link

Remote Flash

Remote Troubleshoot

Cat Grade with 2D

Cat Assist

Cat Payload

2D E-Fence

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

Cat C4.4 single turbo 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.

## **BOOM AND STICKS**

2.6 m (8'6") Reach stick  
2.9 m (9'6") Reach stick  
2.9 m (9'6") Thumb Ready stick  
3.1 m (10'2") Reach stick

### **CAB**

Cat Stick Steer  
Auxiliary relay

## **CAT TECHNOLOGIES**

Cat Grade with Advanced 2D

Cat Grade with 3D single GNSS

Cat Grade with 3D dual GNSS

## **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

Swing alarm

Inspection lighting

## **SERVICE AND MAINTENANCE**

Integrated vehicle health management

## **UNDERCARRIAGE AND STRUCTURES**

600 mm (24 in) triple grouser shoes

600 mm (24 in) rubber track shoes

700 mm (28 in) triple grouser shoes

3.05 mt (6,720 lb) counterweight

3.57 mt (7,870 lb) counterweight