

PRODUCT SPECIFICATIONS FOR 315

Net Power - ISO 9249	108 HP
Engine Model	Cat C3.6
Engine Power - ISO 14396	110 HP
Bore	4 in
Stroke	5 in
Displacement	220 in³
Main System - Maximum Flow	276 l/min (65 gal/min)
Maximum Pressure - Equipment	5075 psi
Maximum Pressure - Travel	5075 psi
Maximum Pressure - Swing	3770 psi
Swing Speed	12 r/min
Maximum Swing Torque	25815 ft·lbf
Operating Weight	34000 lb
Fuel Tank Capacity	49 gal (US)
Cooling System	4 gal (US)

Engine Oil	2 gal (US)
Final Drive - Each	1 gal (US)
Hydraulic System - Including Tank	22.5 gal (US)
Hydraulic Tank	19 gal (US)
DEF Tank	6 gal (US)
Boom	Reach 4.65 m (15'3")
Stick	Reach R3 m (9'8")
Bucket	GD 0.53 m³ (0.69 yd³)
Shipping Height - Top of Cab	9.2 ft
Handrail Height	9.3 ft
Shipping Length	24.7 ft
Shipping Length - with Blade	26.5 ft
Tail Swing Radius	5.1 ft
Counterweight Clearance	2.8 ft
Ground Clearance	1.4 ft
Track Length	12.3 ft
Length to Center of Rollers	9.9 ft
Track Gauge	6.5 ft

Transport Width		8.1 ft
Maximum Digging Depth		19.6 ft
Boom		Reach 4.65 m (15'3")
Stick		Reach R3 m (9'8")
Bucket		GD 0.53 m ³ (0.69 yd ³)
Maximum Reach at Ground Level		28.5 ft
Maximum Cutting Height		31.7 ft
Maximum Loading Height		23.6 ft
Minimum Loading Height		6.8 ft
Maximum Depth Cut for 2440 mm (8 ft) Level Bottom		19 ft
Maximum Vertical Wall Digging Depth		16.9 ft
Minimum Working Equipment Radius		7.3 ft
Bucket Digging Force - ISO		22180 lbf
Stick Digging Force - ISO		13330 lbf
Air Conditioning	The air conditioning system on this machine contains the fluorinated greenhouse gas refrigerant R134a (Global Warming Potential = 1430). The system contains 0.8 hg of refrigerant which has a CO2 equivalent of 1.144 metric tonnes.	

315 STANDARD EQUIPMENT

NOTE

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

CAT TECHNOLOGIES

Cat Product Link

Cat GRADE with 2D

Cat PAYLOAD

2D E-Fence

Remote troubleshoot capability

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

CAB

ROPS, sound suppression

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

Cat Stick Steer

ENGINE

C3.6 StageV/Tier 4 Final engine

One-touch low idle with auto engine speed control
Auto engine shutdown
52°C (125°F) high-ambient cooling capacity without de-rate
-25°C (-13°F) cold start capability
Electric fuel priming pump
Variable speed fan
Single fuel filtration system
Double element air filter with integrated precleaner
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
Electric boom snubber
Auxiliary line support

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

SERVICE AND MAINTENANCE

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
3830 kg (8,440 lb) counterweight

315 OPTIONAL EQUIPMENT

NOTE

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

ROOM AND STICKS

BOOM AND STICKS

One-piece boom
Variable angle boom
R2.2 m (7'3") stick
R2.5 m (8'2") stick

R2.8 m (9'2") stick
R3.0 m (9'10") stick
VA boom

CAB

Premium Cab: air suspension heated and cooled seat, 10" touch screen monitor

ELECTRICAL SYSTEM

Premium surround lighting package
360° lighting

CAT TECHNOLOGIES

Cat GRADE with Advanced 2D
Cat GRADE with 3D

HYDRAULIC SYSTEM

Boom and stick lowering check valves
Medium-pressure line
High-pressure line
Quick coupler line

SAFETY AND SECURITY

360° visibility
Cat Detect People Detection

UNDERCARRIAGE AND STRUCTURES

500 mm (20 in) triple grouser shoes
600 mm (24 in) triple grouser shoes
700 mm (28 in) triple grouser shoes
2500 mm (8'2") blade
2600 mm (8'6") blade
2700 mm (8'10") blade
600mm rubber shoe
770 mm TG shoes for long U/C with additional steps

