

PRODUCT SPECIFICATIONS FOR 313

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|------------------------------|------------------------|
| 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 | 247 L/min (65 gal/min) |
| Maximum Pressure - Equipment | 5075 psi |
| Maximum Pressure - Travel | 5075 psi |
| Maximum Pressure - Swing | 3770 psi |
| Swing Speed | 11.5 r/min |
| Maximum Swing Torque | 25741 ft·lbf |
| Operating Weight | 30400 lb |
| Fuel Tank Capacity | 68.2 gal (US) |
| Cooling System | 4 gal (US) |

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|-----------------------------------|-----------------------|
| Engine Oil | 2.1 gal (US) |
| Final Drive - Each | 0.8 gal (US) |
| Hydraulic System - Including Tank | 22.5 gal (US) |
| Hydraulic Tank | 18.5 gal (US) |
| DEF Tank | 5.6 gal (US) |
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| 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 | 9.2 ft |
| Shipping Length | 25.5 ft |
| Shipping Length - with Blade | 26.4 ft |
| Tail Swing Radius | 7.2 ft |
| Counterweight Clearance | 3 ft |
| Ground Clearance | 1.5 ft |
| Track Length | 12.3 ft |
| Length to Center of Rollers | 9.9 ft |
| Track Gauge | 6.5 ft |

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| Transport Width | | 8.1 ft |
| Maximum Digging Depth | | 19.8 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 | | 29.4 ft |
| Maximum Cutting Height | | 28.9 ft |
| Maximum Loading Height | | 21 ft |
| Minimum Loading Height | | 5.2 ft |
| Maximum Depth Cut for 2440 mm (8 ft) Level Bottom | | 19.2 ft |
| Maximum Vertical Wall Digging Depth | | 17 ft |
| Minimum Working Equipment Radius | | 8.4 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 0.85 hg of refrigerant which has a CO2 equivalent of 1.216 metric tonnes. | |

313 STANDARD EQUIPMENT

NOTE

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

CAB

ROPS, sound suppression

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

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

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

Hydraulic lock out lever

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

2470 kg (5,445 lb) counterweight

313 OPTIONAL EQUIPMENT

NOTE

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

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

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

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

Cat Stick Steer

CAT TECHNOLOGIES

Cat GRADE with Advanced 2D

Cat GRADE with 3D

ELECTRICAL SYSTEM

Premium surround lighting package

360° lighting

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

770 mm (30 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

