

PRODUCT SPECIFICATIONS FOR 315



ENGINE

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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 in ³ |

HYDRAULIC SYSTEM

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| Main System - Maximum Flow | 276 l/min (73 gal/min) |
| Maximum Pressure- Equipment | 5075 psi |
| Maximum Pressure- Travel | 5075 psi |
| Maximum Pressure- Swing | 3770 psi |

SWING MECHANISM

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| Swing Speed | 12 r/min |
| Maximum Swing Torque | 25815 ft·lbf |

WEIGHTS

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| Operating Weight | 34000 lb |
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SERVICE REFILL CAPACITIES

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| Fuel Tank Capacity | 49 gal (US) |
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| 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) |

DIMENSIONS

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| Boom | Reach 4.65 m (15'3") |
| Stick | Reach R3 m (9'10") |
| Bucket | GD 0.53 m ³ (0.69 yd ³) |
| 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 |

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| Track Gauge | 6.5 ft |
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| Transport Width | 8.1 ft |
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WORKING RANGES & FORCES

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| Maximum Digging Depth | 19.6 ft |
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| | |
|-------------|----------------------|
| Boom | Reach 4.65 m (15'3") |
|-------------|----------------------|

| | |
|--------------|--------------------|
| Stick | Reach R3 m (9'10") |
|--------------|--------------------|

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|---------------|--|
| Bucket | GD 0.53 m ³ (0.69 yd ³) |
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| Maximum Reach at Ground Level | 28.5 ft |
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| Maximum Cutting Height | 31.7 ft |
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| Maximum Loading Height | 23.6 ft |
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| Minimum Loading Height | 6.8 ft |
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| Maximum Depth Cut for 2440 mm (8 ft) Level Bottom | 19 ft |
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| Maximum Vertical Wall Digging Depth | 16.9 ft |
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| Minimum Working Equipment Radius | 7.3 ft |
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| Bucket Digging Force - ISO | 22180 lbf |
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| Stick Digging Force - ISO | 13330 lbf |
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AIR CONDITIONING SYSTEM

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| 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 CO ₂ equivalent of 1.144 metric tonnes. |
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SUSTAINABILITY

315 STANDARD EQUIPMENT

NOTE

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

CAB

Rollover Protective Structure (ROPS)

CAT TECHNOLOGIES

Cat Product Link
Remote Flash
Remote Troubleshoot
Cat Grade with 2D
Cat Assist
Cat Payload
2D E-Fence

ELECTRICAL SYSTEM

Maintenance free battery
LED chassis light, left-side/right-side boom lights, cab lights
Programmable time-delay LED working lights

ENGINE

Cat C3.6 single turbo diesel 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

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.

BOOM AND STICKS

4.65 m (15'3") Reach boom
2.4 m (7'8") stub + 2.44 (8'0") fore Variable Angle boom
4.27 m (14'4") Power Offset boom
2.2 m (7'3") Reach stick
2.5 m (8'2") Reach stick
2.8 m (9'2") Reach stick
2.8 m (9'2") Thumb Ready stick
3.0 m (9'10") Reach stick

CAB

Deluxe cab: air suspension heated seat, 254 mm (10") touchscreen monitor
Premium cab: air suspension heated and cooled seat, 10" touchscreen monitor
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

HYDRAULIC SYSTEM

Boom and stick lowering check valves

SAFETY AND SECURITY

Cat Detect - People Detection

Cat Command remote control

360° visibility

Swing alarm

Inspection lighting

SERVICE AND MAINTENANCE

Integrated vehicle health management system

UNDERCARRIAGE AND STRUCTURES

500 mm (20 in) triple grouser shoes

500 mm (20") rubber track shoes

500 mm (20 in) triple grouser shoes with rubber pad

600 mm (24 in) triple grouser shoes

600 mm (24") rubber track 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