

Product Specifications For 340 UHD



Weights

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| Operating Weight | 122600 lb |
| Note (1) | Hydraulic Variable Gauge undercarriage, 25 m (72'2") UHD front, 600 mm (24") Heavy Duty (HD) triple grouser shoes and 9 mt (19,842 lb) counterweight. No work tool. |
| Machine Weight - Retrofit Configuration | 118600 lb |
| Note (2) | Hydraulic Variable Gauge undercarriage, Retrofit boom, R3.2DB (10'6") stick, General Duty (GD) 2.27 m ³ (2.97 yd ³) bucket, 600 mm (24") HD triple grouser shoes and 9 mt (19,842 lb) counterweight. |
| UHD in Cradle | 18700 lb |
| Retrofit Boom in Cradle - R3.9 DB Stick | 13710 lb |
| Retrofit Boom in Cradle - R3.2 DB Stick | 13340 lb |
| Retrofit Boom in Cradle - R2.8 DB Stick | 13120 lb |
| 2-Piece Retrofit Boom in Cradle - R3.2 DB Stick | 17440 lb |

Working Ranges And Forces

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| Maximum Pin Height at Stick Nose | 72.2 ft |
| Maximum Weight at Stick Nose | 8160 lb |
| Maximum Working Pin Height at Stick Nose - 1/2 | 61 ft |
| Maximum Working Reach at Stick Nose - 1/2 | 38.4 ft |

Maximum Height at Stick Nose in Max Reach Position 41.5 ft

Maximum Reach at Stick Nose 44.4 ft

Note (1) 22 m (72' 2") UHD Front (Over-the-Front)

Engine

Engine Model Cat C9.3B

Net Power - ISO 9249 346 hp

Engine Power - ISO 14396 (DIN) 352 hp (metric)

Net Power - ISO 9249 (DIN) 351 hp (metric)

Engine Power - ISO 14396 347 hp

Bore 5 in

Stroke 6 in

Displacement 568 in³

Biodiesel Capability Up to B20¹

Emissions Meets U.S. EPA Tier 4 Final, EU Stage V, and Japan 2014 emission standards.

Note (1) Net power advertised is the power available at the flywheel when the engine is equipped with fan, air intake system, exhaust system, and alternator with engine speed at 1,900 rpm. Advertised power is tested per the specified standard in effect at the time of manufacture.

Note (2)

¹Cat diesel engines are required to use ULSD (ultra-low sulfur diesel fuel with 15 ppm of sulfur or less) or ULSD blended with the following lower-carbon intensity fuels** up to: 20% biodiesel FAME (fatty acid methyl ester)* or 100% renewable diesel, HVO (hydrotreated vegetable oil) and GTL (gas-to-liquid) fuels. Refer to guidelines for successful application. Please consult your Cat dealer or “Caterpillar Machine Fluids Recommendations” (SEBU6250) for details. *Engines with no aftertreatment devices can use higher blends, up to 100% biodiesel (for use of blends higher than 20% biodiesel, consult your Cat dealer). **Tailpipe greenhouse gas emissions from lower-carbon intensity fuels are essentially the same as traditional fuels.

Hydraulic System

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| Main System - Maximum Flow | 560 l/min (148 gal/min) |
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| Maximum Pressure - Equipment | 5076 psi |
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| Maximum Pressure - Equipment - Lift Mode | 5511 psi |
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| Maximum Pressure - Travel | 5076 psi |
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| Maximum Pressure - Swing | 4264 psi |
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Swing Mechanism - UHD Fronts

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| Swing Speed | 4.09 r/min |
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Swing Mechanism

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|-------------|---------|
| Swing Speed | 8 r/min |
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| Maximum Swing Torque | 105000 lbf·ft |
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Service Refill Capacities

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| Fuel Tank Capacity | 158.5 gal (US) |
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| Cooling System | 10.5 gal (US) |
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| Engine Oil | 8.5 gal (US) |
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| Swing Drive | 4.8 gal (US) |
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| Final Drive - Each | 2.1 gal (US) |
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| Hydraulic System - Including Tank | 145.3 gal (US) |
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| Hydraulic Tank | 42.5 gal (US) |
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| DEF Tank | 21.1 gal (US) |
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Dimensions

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| Note (1) | 22 m (72'2") UHD Front |
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| Shipping Height - Top of Cab | 11.1 ft |
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| Cab Height - With OPG | 11.8 ft |
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| Shipping Length | 49.8 ft |
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| Tail Swing Radius | 11.6 ft |
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| Counterweight Clearance | 4.6 ft |
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| Ground Clearance | 1.7 ft |
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| Track Length | 18.9 ft |
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| Track Length to Center of Rollers | 15.7 ft |
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| Working Gauge - Extended Position | 11.2 ft |
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| Shipping Gauge - Retracted Position | 7.8 ft |
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| Transport Width | 10.7 ft |
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| Machine Length - without Front, with Counterweight | 23.3 ft |
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| Machine Length - without Front and Counterweight | 22.8 ft |
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Track Width - Extended 13.1 ft

Track Width - Retracted 9.8 ft

Note (2) 600 mm (24") Track Shoes

Working Ranges And Forces - Retrofit Boom - Straight

Note 1 Straight - R3.2DB m (10' 6") Stick (Over-the-Front) - HVG Undercarriage

Bucket GD 2.27 m³ (2.97 yd³)

Maximum Pin Height at Stick Nose 39.8 ft

Maximum Weight at Stick Nose 9260 lb

Maximum Height at Stick Nose in Max Reach Position 7.6 ft

Maximum Reach at Stick Nose 34.8 ft

Maximum Digging Depth 16.1 ft

Maximum Reach - Ground Level 39.9 ft

Maximum Loading Height 34 ft

Minimum Loading Height 15.8 ft

Bucket Digging Force - ISO 47160 lbf

Stick Digging Force - ISO 37300 lbf

Working Ranges And Forces - Retrofit Boom - Bent

Note 1 Bent - R3.2DB (10'6") Stick - HVG Undercarriage

Bucket GD 2.27 m³ (2.97 yd³)

Maximum Digging Depth 21.4 ft

Maximum Reach - Ground Level 36.7 ft

Maximum Cutting Height 35.4 ft

Maximum Loading Height 24.9 ft

Minimum Loading Height 10.4 ft

Bucket Digging Force - ISO 47160 lbf

Stick Digging Force - ISO 37300 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 1 kg (2.2 lb) of refrigerant which has a CO2 equivalent of 1.430 metric tonnes (1.576 tons).

340 UHD Standard Equipment

NOTE

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

CAB

Tilt-up demolition cab with P5A laminated front and roof glass
High-resolution 254 mm (10") LCD touchscreen monitor
Heated and cooled seat with automatic adjustable suspension
Bluetooth® integrated radio
Auto bi-level air conditioner
Jog dial and shortcut keys for monitor control
Keyless push-to-start engine control
Height-adjustable console
Tilt-up left-side console
Cat Stick Steer
Auxiliary relay
Tilt rocker switch
Sky wiper switch
LED interior lights
Roller front sunscreen
P5A fixed windshield

CAT TECHNOLOGY

VisionLink®
Remote Flash
Cat Grade with 2D
Cat Payload

ELECTRICAL SYSTEM

Maintenance-free 1,000 CCA batteries (x 4)
Centralized electrical disconnect switch
LED lights - 1,800 lumens

ENGINE

Three selectable modes: Power, Smart, ECO
Auto engine speed control
Up to 4500 m (14,760 ft) altitude capability
Reversing fan
52° C (126° F) high-ambient cooling
-18° C (0° F) cold start capability
Double element air filter with integrated pre-cleaner

HYDRAULIC SYSTEM

Boom lowering check valve
Stick lower check valve
Electronic main control valve
Heavy lift mode
Auto hydraulic oil warmup
Auto swing parking brake
High performance hydraulic return filter
Two-speed travel

SAFETY AND SECURITY

2D E-Fence (swing)
Caterpillar One Key security system
Lockable external tool/storage box
Lockable door, fuel, and hydraulic tanks
Lockable fuel drain compartment
Lockable disconnect switch
Service platform with anti-skid plate
Rear and right-hand side cameras
Operator Protective Guards (OPG)

SERVICE AND MAINTENANCE

Integrated vehicle health management system
Grouped location of engine oil and fuel filters

Scheduled Oil Sampling (S·O·SSM) ports
Electric refueling pump with auto shutoff

UNDERCARRIAGE AND STRUCTURES

9.0 mt (19,842 lb) counterweight
Full-length track guiding guards
Travel motor guard
Bottom guard

340 UHD Optional Equipment

NOTE

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

BOOMS AND STICKS

22 m (72'2") UHD front
25 m (82'0") UHD front
Two-piece Retrofit Variable Adjustment boom
7.4 m (24'3") Retrofit boom
3.9 m (12'10") Retrofit stick (Europe, North America only)
3.2 m (10'6") Retrofit stick
2.8 m (9'2") Retrofit stick (Europe, North America only)
Advanced tool control, UHD
Bucket linkage, DB family
Bucket linkage, Dedicated, C family

CAB

Roller rear sunscreen

CAT TECHNOLOGY

VisionLink Productivity
Operator Coaching (VisionLink subscription required)
Cat Advanced Payload

ENGINE

-32° C (-25° F) cold start capability
Cold start block heaters
Ether starting aid

HYDRAULIC SYSTEM

SmartBoom™ with BLCV and Overload Warning Device for UHD front (Europe only)
Bio hydraulic oil capability
Combined two-way auxiliary circuits
High and medium-pressure auxiliary circuits

Quick coupler circuit

SAFETY AND SECURITY

360° visibility

SERVICE AND MAINTENANCE

QuickEvac™ maintenance ready

UNDERCARRIAGE AND STRUCTURES

Hydraulic Variable Gauge undercarriage

Fixed Gauge undercarriage

600 mm (24 in) double grouser track shoes

600 mm (24 in) HD triple grouser track shoes

700 mm (28 in) triple grouser track shoes

700 mm (28") HD triple grouser track shoes