

Product Specifications For 340



Engine

Net Power - ISO 9249	258.3 kW
Net Power - ISO 9249 (DIN)	351 hp (metric)
Engine Model	Cat C9.3B
Engine Power - ISO 14396	259 kW
Engine Power - ISO 14396 (DIN)	352 hp (metric)
Bore	115 mm
Stroke	149 mm
Displacement	9.3 l
Biodiesel Capability	Up to B20 ¹
Emissions	Meets UN ECE R96 Stage IIIA emission standards, equivalent to U.S. EPA Tier 3 and EU Stage IIIA
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 2,000 rpm. Advertised power is tested per the specified standard in effect at the time of manufacture.

Note (2)

¹Cat engines are compatible with diesel fuel blended with the following lower-carbon intensity fuels** up to 100% biodiesel FAME (fatty acid methyl ester)* or 100% renewable diesel, HVO (hydrogenated 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. *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.

Weights

Operating Weight	36800 kg
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Working Ranges And Forces

Maximum Digging Depth	7480 mm
Boom	Reach 6.5 m (21'4")
Stick	Reach 3.2 m (10'6")
Bucket	GD 2.50 m³ (3.27 yd³)
Maximum Reach at Ground Level	11020 mm
Maximum Cutting Height	10360 mm
Maximum Loading Height	7120 mm
Maximum Depth Cut for 2440 mm (8 ft) Level Bottom	7320 mm
Maximum Vertical Wall Digging Depth	5550 mm
Bucket Digging Force - ISO	209 kN
Stick Digging Force - ISO	165 kN

Hydraulic System

Main System - Maximum Flow	560 L/min
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Handrail Height	3180 mm
Shipping Length	11160 mm
Tail Swing Radius	3530 mm
Counterweight Clearance	1260 mm
Ground Clearance	510 mm
Track Length	5030 mm
Track Length to Center of Rollers	4040 mm
Track Gauge	2740 mm
Transport Width - 600 mm (24") Shoes	3340 mm

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 1.00 kg (2.205 lb.) of refrigerant, which has a CO2 equivalent of 1.430 metric tonnes (1.576 tons).
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340 Standard Equipment

NOTE

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

CAT TECHNOLOGY

VisionLink™

Remote Flash

Remote Troubleshoot

Operator Coaching

Compatibility with radios and base stations from Trimble, Topcon, and Leica

Capability with 3D grade systems from Trimble, Topcon, and Leica

Cat Grade with 2D

Cat Assist (Grade, Boom, Bucket, Swing, Lift)

Cat Payload (On-the-go weighing, Semiautomatic calibration, Payload/cycle information, USB Reporting Capability)

Work tool recognition and tracking (Requires PL161 attachment locator on work tool and Bluetooth receiver on machine)

ELECTRICAL SYSTEM

Maintenance-free 1,000 CCA batteries (x2)

Centralized electrical disconnect switch

LED exterior chassis and boom lights

ENGINE

Three selectable modes: Power, Smart, Eco

Auto engine speed control

-18°C (0°F) cold start capability

Double element air filter with integrated pre-cleaner

Remote disable

HYDRAULIC SYSTEM

Boom and stick regeneration circuit

Electronic main control valve

Auto hydraulic oil warmup

Bio hydraulic oil capability

Fine swing

Reverse swing damping valve

Auto swing parking brake

High performance hydraulic return filter

Two speed travel

SAFETY AND SECURITY

Auto hammer stop

Caterpillar One Key security system

Lockable external tool / storage box

Lockable door, fuel, and hydraulic tank locks

Lockable fuel drain compartment

Lockable disconnect switch

Service platform with anti-skid plate & recessed bolts

RH handrail and handhold

Signaling / warning horn

Ground-level secondary engine shutoff switch

Rearview camera

Inspection lighting

SERVICE AND MAINTENANCE

Integrated vehicle health management system

Grouped location of engine oil & fuel filters

Scheduled Oil Sampling (S.O.S) ports

UNDERCARRIAGE AND STRUCTURES

Towing eye on base frame
Swivel guard
HD bottom guard
HD travel motor guards
Grease lubricated track
HD swing frame
HD swing bearing
7.56 mt (16,667 lb) counterweight

DELUXE CAB

High-resolution 203 mm (8") LCD touchscreen monitor
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
Heated air-suspension seat
Monitor integrated Bluetooth radio with USB/Aux ports
12V DC outlets
Beverage holder
Cup holder
Openable polycarbonate skylight hatch
LED dome light
Floor welcome light
Roller front sunscreen
Roller rear sunscreen
Beacon ready

ESSENTIAL CAB

High-resolution 203 mm (8") LCD touchscreen monitor
Auto bi-level air conditioner
Keyless push-to-start engine control
Air-suspension seat
Bluetooth radio with USB/Aux ports
24V DC outlet
Beverage holder
Openable steel hatch
LED dome light
Roller front sunscreen

340 Optional Equipment

NOTE

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

BOOMS AND STICKS

6.18m (20'3") Mass boom
6.5 m (21'4") HD Reach boom
2.55m (8'4") Mass stick
2.8m (9'2") HD Reach stick
3.2m (10'6") HD Reach stick
3.9 m (12'10") HD Reach stick
TB family bucket linkage with/without lifting eye
DB family bucket linkage with/without lifting eye

CAT TECHNOLOGY

VisionLink™ back office reporting
Cat Grade Connectivity
Cat Grade 2D with Attachment Ready Option (ARO)
Cat Grade with 3D (single or dual GNSS)
Cat Grade 3D Ready
GNSS antennae
Laser catcher
Cat Tilt Rotator (TRS) Integration
Operator Coaching
Advanced Payload (Daily totals, Custom lists, Smart weight target, E-ticket Integration)

ELECTRICAL SYSTEM

Maintenance-free 1,000 CCA batteries (x4)

ENGINE

Oil level sensor
Battery-operated engine heater
Cold start block heater
52°C (126°F) high-ambient cooling
Hydraulic reverse fan
-32°C (-25°F) cold start capability

HYDRAULIC SYSTEM

Auto dig boost
Auto heavy lift
Single one-way circuit
Combined two-way circuit
Hydraulic efficiency monitoring

SAFETY AND SECURITY

Cat E-Fence
Swing alarm
Boom lowering check valve
Stick lowering check valve
Inspection lighting

UNDERCARRIAGE AND STRUCTURES

Full-length track guiding guards

Segmented two-piece track guiding guards

HD rollers

600 mm (24") double grouser, triple grouser, HD triple grouser track shoes

700mm (28") triple grouser track shoes

800mm (31") triple grouser track shoes

ESSENTIAL CAB

High-resolution 254 mm (10") LCD touchscreen monitor

Roller rear sunscreen

DELUXE CAB

High-resolution 254 mm (10") LCD touchscreen monitor

Cat Stick Steer

Auxiliary relay