

Product Specifications For 336



Engine

Net Power - ISO 9249	300 hp
Net Power - ISO 9249 (DIN)	304 hp (metric)
Engine Model	Cat C7.1 TTA
Engine Power - ISO 14396	302 hp
Engine Power - ISO 14396 (DIN)	306 hp (metric)
Bore	4 in
Stroke	5 in
Displacement	428 in ³
Biodiesel Capability	Up to B20 ¹
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 2,000 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) and are compatible* with ULSD blended with the following lower-carbon intensity fuels** up to: 20% biodiesel FAME (fatty acid methyl ester)*** 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. *While Caterpillar engines are compatible with these alternative fuels, some regions may not allow their use. ** Tailpipe greenhouse gas emissions from lower-carbon intensity fuels are essentially the same as traditional fuels. *** Engines with no aftertreatment devices are compatible with higher blends, up to 100% biodiesel (for use of blends higher than 20% biodiesel, consult your Cat dealer).

Weights

Operating Weight	81100 lb
-------------------------	----------

Working Ranges And Forces

Maximum Digging Depth	26.11 ft
------------------------------	----------

Boom	Reach 6.5 m (21'4")
-------------	---------------------

Stick	Reach 3.9 m (12'10")
--------------	----------------------

Bucket	HD 2.00 m ³ (2.61 yd ³)
---------------	--

Maximum Reach at Ground Level	38.7 ft
--------------------------------------	---------

Maximum Cutting Height	35.3 ft
-------------------------------	---------

Maximum Loading Height	24.6 ft
-------------------------------	---------

Minimum Loading Height	6.2 ft
-------------------------------	--------

Maximum Depth Cut for 2440 mm (8 ft) Level Bottom	26.6 ft
--	---------

Maximum Vertical Wall Digging Depth	21.4 ft
--	---------

Bucket Digging Force - ISO	47190 lbf·ft
-----------------------------------	--------------

Stick Digging Force - ISO	32480 lbf·ft
----------------------------------	--------------

Hydraulic System

Main System - Maximum Flow	148 gpm
Maximum Pressure - Equipment	5076 psi
Maximum Pressure - Equipment - Lift Mode	5511 psi
Maximum Pressure - Travel	5076 psi
Maximum Pressure - Swing	4264 psi

Swing Mechanism

Maximum Swing Torque	105250 lbf·ft
-----------------------------	---------------

Note (1) *For CE-marked machine default value may be set lower

Service Refill Capacities

Fuel Tank Capacity	158.5 gal (US)
Cooling System	10.2 gal (US)
Engine Oil	6.6 gal (US)
Swing Drive - Each	4.8 gal (US)
Final Drive - Each	2.1 gal (US)
Hydraulic System - Including Tank	98.5 gal (US)
Hydraulic Tank	42.5 gal (US)
DEF Tank	13.2 gal (US)

Dimensions

Boom	Reach 6.5 m (21'4")
-------------	---------------------

Stick	Reach 3.9 m (12'10")
Bucket	HD 2.00 m ³ (2.61 yd ³)
Shipping Height - Top of Cab	10.5 ft
Handrail Height	10.5 ft
Shipping Length	36.8 ft
Tail Swing Radius	11.7 ft
Counterweight Clearance	4.2 ft
Ground Clearance	1.8 ft
Track Length	16.6 ft
Track Length to Center of Rollers	13.3 ft
Track Gauge	9 ft
Transport Width	10.5 ft
Transport Width - 850 mm (33") Shoes	11.9 ft

Sustainability

Recyclability	98%
----------------------	-----

Air Conditioning System

Air Conditioning	The air conditioning system on this machine contains the fluorinated greenhouse gas refrigerant R134a or R1234yf. See the label or instruction manual for identification of the gas. If equipped with R134a (Global Warming Potential = 1430), the system contains 0.90 kg (1.984 lb) of refrigerant, which has a CO ₂ equivalent of 1.287 metric tonnes (1.419 tons). If equipped with R1234yf (Global Warming Potential = 0.501), the system contains 0.780 kg (1.719 lb) of refrigerant, which has a CO ₂ equivalent of 0.001 metric tonnes (0.001 tons).
-------------------------	--

336 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 heavy lift

Auto dig boost

Auto hydraulic oil warmup

Bio hydraulic oil capability

Reverse swing damping valve

Auto swing parking brake

High performance hydraulic return filter

Two speed travel

SAFETY AND SECURITY

Cat E-Fence

Auto hammer stop

- Lockable door, fuel, and hydraulic tank locks
- Lockable fuel drain compartment
- Service platform with anti-skid plate & recessed bolts
- RH handrail and handhold
- Signaling / warning horn
- Ground-level secondary engine shutoff switch
- Rearview camera
- Lockable disconnect switch

SERVICE AND MAINTENANCE

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

UNDERCARRIAGE AND STRUCTURES

- Towing eye on base frame
- Swivel guard
- HD bottom guard
- HD travel motor guards
- Grease lubricated track

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
- Document storage
- Overhead storage and rear storage with nets
- Cup holder
- Openable two-piece front window
- Rear window emergency exit
- Radial wiper with washer
- Openable polycarbonate skylight hatch
- LED dome light
- Floor welcome light
- Roof sunscreen
- Roller front sunscreen
- Washable floor mat
- Beacon ready

PREMIUM CAB

- High-resolution 254 mm (10") 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 and ventilated air-suspension seat
- Monitor integrated Bluetooth radio with USB/Aux ports
- 12V DC outlets
- Document storage
- Overhead storage and rear storage with nets
- Cup holder
- Openable two-piece front window
- Rear window emergency exit
- Parallel wiper
- Openable polycarbonate skylight hatch
- LED dome light
- Floor welcome light
- Roof sunscreen
- Roller front sunscreen
- Washable floor mat
- Beacon ready

336 Optional Equipment

NOTE

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

BOOMS AND STICKS

- 6.18 m (20'3") Mass boom
- 6.5 m (21'4") Reach boom
- 2.55 m (8'4") Mass stick
- 2.8 m (9'2") Reach stick
- 3.2 m (10'6") Reach stick
- 3.9 m (12'10") 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

Cold start block heater

52° C (126° F) high-ambient cooling

Hydraulic reverse fan

-32° C (-25° F) cold start capability

HYDRAULIC SYSTEM

Single one-way circuit

Combined two-way circuit

Hydraulic efficiency monitoring

SAFETY AND SECURITY

Cat Command (remote control)

Swing alarm

Boom lowering check valve

Stick lowering check valve

UNDERCARRIAGE AND STRUCTURES

Full-length track guiding guards

Segmented two-piece track guiding guards

HD rollers

HD swing frame

HD swing bearing

6.8 mt (14,991 lb) counterweight

7.56 mt (16,667 lb) counterweight

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

700 mm (28") triple grouser track shoes

800 mm (31") triple grouser track shoes

850 mm (33") triple grouser track shoes

DELUXE CAB

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

Roller rear sunscreen

Cat Stick Steer

Auxiliary relay

PREMIUM CAB

One-piece front windshield

Cat Stick Steer

Auxiliary relay