

# Product Specifications For 336



## Engine

<b>Net Power - ISO 9249</b>	300 hp
<b>Net Power - ISO 9249 (DIN)</b>	304 hp (metric)
<b>Engine Model</b>	Cat C7.1 TTA
<b>Engine Power - ISO 14396</b>	302 hp
<b>Engine Power - ISO 14396 (DIN)</b>	306 hp (metric)
<b>Bore</b>	4 in
<b>Stroke</b>	5 in
<b>Displacement</b>	428 in <sup>3</sup>
<b>Biodiesel Capability</b>	Up to B20 <sup>1</sup>
<b>Emissions</b>	Meets U.S. EPA Tier 4 Final, EU Stage V, and Japan 2014 emission standards.
<b>Note (1)</b>	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)**

<sup>1</sup>Cat 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
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**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 m³ (2.61 yd³)
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
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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")
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<b>Stick</b>	Reach 3.9 m (12'10")
<b>Bucket</b>	HD 2.00 m³ (2.61 yd³)
<b>Shipping Height - Top of Cab</b>	10.5 ft
<b>Handrail Height</b>	10.5 ft
<b>Shipping Length</b>	36.8 ft
<b>Tail Swing Radius</b>	11.7 ft
<b>Counterweight Clearance</b>	4.2 ft
<b>Ground Clearance</b>	1.8 ft
<b>Track Length</b>	16.6 ft
<b>Track Length to Center of Rollers</b>	13.3 ft
<b>Track Gauge</b>	9 ft
<b>Transport Width</b>	10.5 ft
<b>Transport Width - 850 mm (33") Shoes</b>	11.9 ft

## Sustainability

<b>Recyclability</b>	98%
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## Air Conditioning System

<b>Air Conditioning</b>	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 CO2 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 CO2 equivalent of 0.001 metric tonnes (0.001 tons).
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## 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