

# Product Specifications For 336 -Tier 4 / Stage V



## 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) 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.

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

<b>Main System - Maximum Flow</b>	148 gal/min
<b>Maximum Pressure - Equipment</b>	5076 psi
<b>Maximum Pressure - Equipment - Lift Mode</b>	5511 psi
<b>Maximum Pressure - Travel</b>	5076 psi
<b>Maximum Pressure - Swing</b>	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

<b>Boom</b>	Reach 6.5 m (21'4")
<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 (Global Warming Potential = 1430). The system contains 1.00 kg of refrigerant, which has a CO2 equivalent of 1.430 metric tonnes.
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## 336 -Tier 4 / Stage V 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 -Tier 4 / Stage V 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 Productivity  
VisionLink Productivity 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