

Product Specifications For D5



Engine

Engine Model	Cat C7.1
Power - Net	127 kW
Net Power - Rated - ISO 9249/SAE J1349	127 kW
Net Power (Rated) - ISO 9249 (DIN)	172 mhp
Emissions	U.S. EPA Tier 4 Final/EU Stage V/Japan 2014 (Tier 4 Final)/Korea Stage V
Note (1)	Rated horsepower at 1770 rpm. Net power advertised is the power available at the engine flywheel when the engine is equipped with a fan, air cleaner, clean emissions module and alternator. Advertised power is tested per the specified standard in effect at the time of manufacture.
Note (2)	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 30% biodiesel.
Note (3)	Basic machine specs provided below. For complete specifications and dimensions by configuration, blade and track shoe offerings and more, please visit the product download section to view the full Technical Specifications document.
Note (4)	Machine Build Number 17B

Weights

Operating Weight	19170 kg
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Transmission

Powertrain

Fully Automatic 3-Speed

Service Refill Capacities

Fuel Tank	315 l
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DEF Tank	16 l
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VPAT

Operating Weight	17180 kg
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Ground Pressure	47.6 kPa
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Width of Standard Shoe	610 mm
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Blade	VPAT
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Blade Capacity	3.5 m ³
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LGP VPAT

Operating Weight	19170 kg
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Ground Pressure	32.6 kPa
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Width of Standard Shoe	840 mm
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Blade	LGP VPAT
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Blade Capacity	4 m ³
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Fine Grading VPAT

Operating Weight	17780 kg
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Ground Pressure	41.4 kPa
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Width of Standard Shoe	610 mm
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Blade	VPAT
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Blade Capacity	3.5 m³
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Push Arm

Operating Weight	17340 kg
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Ground Pressure	48.2 kPa
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Width of Standard Shoe	610 mm
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Blade	Semi-Universal (SU)
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Blade Capacity	4.3 m³
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Sustainability

Recyclability	97%
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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 1.36 kg (3 lb) of refrigerant which has a CO2 equivalent of 1.95 metric tonnes (2.14 tons).
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Note (1)	Configurations and features may vary by region. Please consult your Cat dealer for availability in your area.
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D5 Standard Equipment

NOTE

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

Power Train

Cat C7.1 diesel engine
Fully-automatic 3-speed transmission
Infinite ground speed adjustment

Operator Environment

Fully redesigned cab, sound suppressed, with Integrated Roll Over Protective Structure (IROPS)

Full-color 10-inch (254 mm) touchscreen display

Integrated rearview camera

Premium cab with adjustable operator controls/armrests

Cab mounted modular HVAC system

Added storage areas

Electrohydraulic implement and steering controls

Cloth seat

Lights: 6 LED

Cat Technology

Slope Indicate

Product Link, Cellular

Grade Control Ready Cab

Remote Control Ready

Remote Flash/Remote Troubleshoot

Operator ID

Machine Security - Passcode

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

Capability to install 3D grade systems from Trimble, Topcon, and Leica

Blades

VPAT

Semi-Universal

Undercarriage

Heavy Duty (HDXL with DuraLink) or Cat Abrasion

Redesigned track roller frame

Moderate Service or Extreme Service track shoes

Service And Maintenance

30-minute cab removal

Ecology drains

Ground level service center

Hydraulic fan

Rear access ladder

Shovel holder

Attachments

Drawbar

D5 Optional Equipment

NOTE

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

Operator Environment

Deluxe leather heated/ventilated seat

Premium lights: 12 LED

Integrated warning lights

Communication radio ready

Cat Technology

ARO with Assist Package: Includes Attachment Ready Option (ARO), Slope Assist, Steer Assist, Stable Blade, Blade Load Monitor, Traction Control, AutoCarry

Grade 3D with Assist Package: Includes full-color 10-inch (254 mm) touchscreen grade display, Steer Assist 3D, Grade receivers and antennas, Grade Software Enabled Attachment (SEA), ARO with Assist package features

Product Link Dual Cellular/Satellite

Grade Connectivity

Machine Security - Bluetooth

Cat Command for Dozing

Blades

Foldable VPAT

Waste/Landfill

Service And Maintenance

Fast fuel pump

Hydraulics

Independent steering and implement pumps

Load sensing hydraulics

Attachments

Ripper-ready rear hydraulics

Winch-ready rear hydraulics

Ripper with straight or curved shanks

Winch

Side screens

Rear screen: hinged or fixed

Sweeps

Fine Grading arrangement

Forestry and Waste special arrangements

Fire Dozer configuration

Note

Not all features are available in all regions. Please check with your local Cat dealer for specific offering availability in your area.