

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 Tier 5 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 (1)	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
Note (2)	(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

TRANSMISSION

Power Train Fully Automatic 3-Speed

SERVICE REFILL CAPACITIES

Fuel Tank 315 l

DEF Tank 16 l

VPAT

Operating Weight 17180 kg

Ground Pressure 47.6 kPa

Width of Standard Shoe 610 mm

Blade VPAT

Blade Capacity 3.5 m³

LGP VPAT

Operating Weight 19170 kg

Ground Pressure 32.6 kPa

Width of Standard Shoe 840 mm

Blade LGP VPAT

Blade Capacity 4 m³

FINE GRADING VPAT

Operating Weight 17780 kg

Ground Pressure 41.4 kPa

Width of Standard Shoe 610 mm

Blade VPAT

Blade Capacity 3.5 m³

PUSH ARM

Operating Weight 17340 kg

Ground Pressure 48.2 kPa

Width of Standard Shoe 610 mm

Blade Semi-Universal (SU)

Blade Capacity 4.3 m³

SUSTAINABILITY

Recyclability 97%

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 1.36 kg of refrigerant which has a CO2 equivalent of 1.946 metric tonnes.

Note (1)

Configurations and features may vary by region. Please consult your Cat dealer for availability in your area.

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.