

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

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.