

PRODUCT SPECIFICATIONS FOR D5

ENGINE

Engine Model	Cat C7.1
Power - Net	127 kW
Emissions	U.S. EPA Tier 4 Final/EU Stage V/Japan 2014 (Tier 4 Final)/Korea Tier 4 Final
Net Power - Rated - ISO 9249/SAE J1349	127 kW
Net Power - Rated - ISO 9249/SAE J1349 (DIN)	172 mhp
Build Number	17B
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)	All non-road Tier 4 Interim and Final, Stage IIIB, IV and V, Japan 2014 (Tier 4 Final) and Korea Tier 4 Final diesel engines are required to use only Ultra Low Sulfur Diesel (ULSD) fuels containing 15 ppm EPA/10 ppm EU (mg/kg) sulfur or less. Biodiesel blends up to B20 (20% blend by volume) are acceptable when blended with 15 ppm (mg/kg) sulfur or less ULSD. B20 should meet ASTM D7467 specification (biodiesel blend stock should meet Cat biodiesel spec, ASTM D6751 or EN 14214). Cat DEO-ULS™ or oils that meet the Cat ECF-3, API CJ-4, and ACEA E9 specification are required. Consult your OMM for further machine specific fuel recommendations.
Note (3)	Diesel Exhaust Fluid (DEF) used in Cat Selective Catalytic Reduction (SCR) systems must meet the requirements outlined in the International Organization for Standardization (ISO) standard 22241.
Note (4)	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.

WEIGHTS

Operating Weight	19170 kg
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TRANSMISSION

Power Train	Fully Automatic 3-Speed
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SERVICE REFILL CAPACITIES

Fuel Tank	315 l
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DEF Tank	16 l
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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.
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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
Ground Pressure	32.6 kPa
Width of Standard Shoe	840 mm
Blade	LGP VPAT
Blade Capacity	4 m ³

FINE GRADING VPAT

Operating Weight	17780 kg
Ground Pressure	41.4 kPa
Width of Standard Shoe	610 mm
Blade	VPAT
Blade Capacity	3.5 m ³

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 m ³

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

Remote Control Ready

Remote Flash/Remote Troubleshoot

Operator ID

Machine Security - Passcode

BLADES

VPAT

Semi-Universal

UNDERCARRIAGE

Hydro Boost 4WD with Dual Drive or Cat Adaptive

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: includes Slope Assist, Traction Control, Stable Blade, Blade Load Monitor, AutoCarry, Third Party Grade Control Ready

Cat Grade with 3D: includes full-color 10-inch (254 mm) touchscreen grade display

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.