

PRODUCT SPECIFICATIONS FOR D6

ENGINE

Engine Model	Cat C9.3B
Power - Net	161 kW
Net Power - Rated - ISO 9249/SAE J1349	161 kW
Net Power - Rated - ISO 9249/SAE J1349 (DIN)	219 mhp
Emissions	U.S. EPA Tier 4 Final, EU Stage V, Korea Tier 4 Final
Build Number	20B
Note (1)	Rated horsepower at 2,200 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. Net power is tested per ISO 9249:2007 and SAE J1349:2011.
Note (2)	All non-road Tier 4 Interim and Final, Stage IIIB, IV and V and Korea Tier 4 Final diesel engines are required to use only ultra-low sulfur diesel (ULSD) fuels containing 15 ppm (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 D6/D6 XE Technical Specifications.

WEIGHTS

Operating Weight	23012 kg
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TRANSMISSION

Power Train	Fully Automatic 4-Speed Powershift
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SERVICE REFILL CAPACITIES

Fuel Tank	341 l
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DEF Tank	28 l
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D6 PUSH ARM

Operating Weight	22130 kg
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Ground Pressure	54 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	5.7 m ³
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D6 LGP (30-IN) PUSH ARM

Operating Weight	22870 kg
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Ground Pressure	45 kPa
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Width of Standard Shoe	760 mm
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Blade	Semi-Universal (SU)
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Blade Capacity	5.8 m ³
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D6 LGP (36-IN) PUSH ARM

Operating Weight	23911 kg
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Ground Pressure	36 kPa
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Width of Standard Shoe	915 mm
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Blade	Straight
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Blade Capacity	3.8 m ³
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D6 VPAT

Operating Weight	22275 kg
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Ground Pressure	49 kPa
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Width of Standard Shoe	610 mm
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Blade	VPAT
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Blade Capacity	4.1 m ³
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D6 LGP (30-IN) VPAT

Operating Weight	23012 kg
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Ground Pressure	40 kPa
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Width of Standard Shoe	760 mm
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Blade	VPAT
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Blade Capacity	4.5 m ³
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D6 LGP (36-IN) VPAT

Operating Weight	23547 kg
Ground Pressure	34 kPa
Width of Standard Shoe	915 mm
Blade	VPAT
Blade Capacity	4.9 m ³

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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D6 STANDARD EQUIPMENT

NOTE

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

POWER TRAIN

Fully-automatic 4-speed transmission

Cat C9.3B diesel engine

Double reduction planetary final drives

Hydraulic reversing fan

OPERATOR ENVIRONMENT

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

Full-color 10-inch (254 mm) liquid crystal touch screen display

Integrated rearview camera

Adjustable operator controls/armrests

Cab mounted modular Heating/Ventilation/Air Conditioning (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

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

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

UNDERCARRIAGE

Redesigned track roller frame

SERVICE AND MAINTENANCE

Rear access ladder

Shovel holder

Ground level service center

30-minute cab removal

Fire extinguisher mounting provision

Ecology drains

Underhood work light

HYDRAULICS

Independent steering and implement pumps

Load sensing hydraulics

ATTACHMENTS

Ripper-ready rear hydraulics

D6 OPTIONAL EQUIPMENT

NOTE

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

OPERATOR ENVIRONMENT

Deluxe leather heated/ventilated seat

Powered precleaner

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

Semi-Universal

Variable Pitch Angle Tilt (VPAT)

Straight blade

Angle blade

Foldable VPAT - under 3 m (9.9 ft) transport width (Not available in all regions)

Waste/Landfill

UNDERCARRIAGE

Heavy Duty (HDXL with DuraLink) or Cat Abrasion

10-Roller Fine Grading undercarriage

Moderate Service or Extreme Service track shoes

SERVICE AND MAINTENANCE

Fast fuel fill

Refilling fuel pump (EU only)

Reming fuel pump (EU only)

High speed oil change

Rear implement work light

ATTACHMENTS

High lift ripper with straight or curved shanks

Winch

Counterweights

Ripper and winch-ready rear hydraulics

Side and/or rear screens

Sweeps

Drawbar

Forestry and Waste Special Arrangements