

Product Specifications For D6 - Tier 4/Stage V



Engine

Engine Model	Cat C9.3B
Power - Net	161 kW
Net Power - Rated - ISO 9249/SAE J1349	161 kW
Net Power (Rated) - ISO 9249 (DIN)	219 mhp
Emissions	U.S. EPA Tier 4 Final, EU Stage V, Korea Stage V
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. 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 100% biodiesel (for use of blends higher than 20% biodiesel, consult your Cat dealer).
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 20B

Weights

Operating Weight	23012 kg
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Transmission

Service Refill Capacities

Fuel Tank	341 l
DEF Tank	28 l

D6 Push Arm

Operating Weight	22130 kg
Ground Pressure	54 kPa
Width of Standard Shoe	610 mm
Blade	Semi-Universal (SU)
Blade Capacity	5.7 m ³

D6 LGP (30-In) Push Arm

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

D6 LGP (36-In) Push Arm

Operating Weight	23911 kg
Ground Pressure	36 kPa
Width of Standard Shoe	915 mm

Blade	Straight
Blade Capacity	3.8 m ³

D6 VPAT

Operating Weight	22275 kg
Ground Pressure	49 kPa
Width of Standard Shoe	610 mm
Blade	VPAT
Blade Capacity	4.1 m ³

D6 LGP (30-In) VPAT

Operating Weight	23012 kg
Ground Pressure	40 kPa
Width of Standard Shoe	760 mm
Blade	VPAT
Blade Capacity	4.5 m ³

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

Sustainability

Recyclability

98%

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.

D6 - Tier 4/Stage V 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
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

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 - Tier 4/Stage V 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 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

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

FirstCut cutting edges (SU blades)

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)

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