

# Product Specifications For D6



## Engine

Engine Model	Cat C9.3B
Power - Net	215 hp
Net Power - Rated - ISO 9249/SAE J1349	215 hp
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	50733 lb
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## Transmission

Powertrain

Fully Automatic 4-Speed Powershift

## Service Refill Capacities

Fuel Tank	90 gal (US)
DEF Tank	7.4 gal (US)

## D6 Push Arm

Operating Weight	48788 lb
Ground Pressure	7.9 psi
Width of Standard Shoe	24 in
Blade	Semi-Universal (SU)
Blade Capacity	7.5 yd³

## D6 LGP (30-In) Push Arm

Operating Weight	50420 lb
Ground Pressure	6.5 psi
Width of Standard Shoe	30 in
Blade	Semi-Universal (SU)
Blade Capacity	7.6 yd³

## D6 LGP (36-In) Push Arm

Operating Weight	52715 lb
Ground Pressure	5.2 psi
Width of Standard Shoe	36 in

<b>Blade</b>	Straight
<b>Blade Capacity</b>	5 yd <sup>3</sup>

## D6 VPAT

<b>Operating Weight</b>	49108 lb
<b>Ground Pressure</b>	7.1 psi
<b>Width of Standard Shoe</b>	24 in
<b>Blade</b>	VPAT
<b>Blade Capacity</b>	5.4 yd <sup>3</sup>

## D6 LGP (30-In) VPAT

<b>Operating Weight</b>	50733 lb
<b>Ground Pressure</b>	5.9 psi
<b>Width of Standard Shoe</b>	30 in
<b>Blade</b>	VPAT
<b>Blade Capacity</b>	5.9 yd <sup>3</sup>

## D6 LGP (36-In) VPAT

<b>Operating Weight</b>	51912 lb
<b>Ground Pressure</b>	5 psi
<b>Width of Standard Shoe</b>	36 in
<b>Blade</b>	VPAT
<b>Blade Capacity</b>	6.5 yd <sup>3</sup>

# 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 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 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