

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 (DIN) | 219 mhp |
| Emissions | U.S. EPA Tier 4 Final, EU Stage V, Korea Tier 5 |
| 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

TRANSMISSION

Power Train

Fully Automatic 4-Speed Powershift

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 m³

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 m³

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 m³

D6 VPAT

Operating Weight 22275 kg
Ground Pressure 49 kPa
Width of Standard Shoe 610 mm
Blade VPAT
Blade Capacity 4.1 m³

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 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