



Cat[®] D6T

Track-Type Tractor

The new D6T dozer makes high efficiency dozing easy. A smooth-shifting, fully automatic four-speed Cat[®] transmission continuously optimizes the power train for the application. You save fuel and operator effort, without sacrificing durability, power or productivity. Work smarter too, with a full range of Cat Connect GRADE technology features to fit your job site needs.

Performance

- New, fully automatic four-speed lock-up clutch transmission continuously optimizes gear and engine speed for the application without added operator input.
- Added gear between first and second, and seamless lock-up clutch engagement, for exceptionally smooth shifting.
- Maintains power to the ground through load changes for an aggressive feel in the dirt.
- Up to 2.5 percent more productive – move more material per hour.*
- Faster implement response*, especially with GRADE technologies.
- Versatility – pushing power you want for heavy dozing and the fine control you need for finish grading – all in one easy-to-transport machine.

Efficiency

- Full-time Auto Shift for significantly better fuel efficiency with less operator effort – without sacrificing performance.
- Up to 20 percent more fuel efficient* – as much as 30 percent better in lighter load finish grading applications.
- Sustainable: fuel savings reduces CO₂ production by an average of approximately 16.6 metric tons per year.

*Compared to previous model.

(■) = Standard

(●) = Optional

Cat Connect Technology

- Automatically maintain established blade position with **Cat GRADE with Slope Assist** (■). Finish jobs faster, with better surface quality and significantly less operator effort. No additional hardware required.
- Whether production dozing or finish grading, take on 3D design plans more efficiently with **Cat GRADE with 3D** (●). Factory integrated grade control system features cab roof-mounted GNSS antennas to eliminate blade masts and cables. Includes AutoCarry™ to further boost productivity.
- Versatile, scalable **Cat AccuGrade™** (●) is a dealer-installed grade control system. Choice of Laser, Global Navigation Satellite System (GNSS) or Universal Total Station (UTS) so you get the right level of accuracy to match your job requirements.
- Factory equip your dozer for easy installation of an AccuGrade system with the **AccuGrade Ready Option** (ARO) (●).
- Manage your fleet more effectively and profitably with **Product Link™/VisionLink®** remote monitoring.

Ease of Operation

- Change ground speeds easily – in large (half gear) or small (one-tenth gear) increments – with detented thumb roller.
- New Liquid Crystal Display (LCD) places machine data, settings menus, grade control data and more conveniently in front of the operator.
- Display enables coded start and operator profiles.
- Improved blade feedback with updated implement joystick.
- More ground clearance and better penetration with new high-lift, multi-shank ripper.
- Easier transport with available narrow blade/push arms on D6T XL, or foldable blade on XW/LGP VPAT tractors.



Cat® D6T Track-Type Tractor

Engine			
Engine Model	Cat C9.3 ACERT™		
Emissions	U.S. EPA Tier 4 Final/ EU Stage IV/Korea Tier 4 Final		
Build Number	19		
Net Power (Rated) – 2,200 rpm			
ISO 9249/SAE J1349	161 kW	215 hp	
ISO 9249/SAE J1349 (DIN)	218 hp		
Net Power (Maximum) – 1,200 rpm			
ISO 9249/SAE J1349	183 kW	245 hp	
ISO 9249/SAE J1349 (DIN)	248 hp		
Displacement	9.3 L		
<ul style="list-style-type: none"> All non-road Tier 4 Interim and Final, Stage IIIB and IV, and Korea Tier 4 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. 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. The air conditioning system on this machine contains the fluorinated greenhouse gas refrigerant R134a (Global Warming Potential = 1430). The system contains 1.8 kg of refrigerant which has a CO₂ equivalent of 2.574 metric tonnes. 			

Service Refill Capacities	
Fuel Tank	368 L
DEF Tank	17.1 L

	Dimensions									
	XL	XL Fine Grading	XL Narrow	XW	LGP	XL VPAT	XW VPAT	XW VPAT Foldable	LGP VPAT	LGP VPAT Foldable
Width of Tractor without Trunnions (standard track)	2440 mm	2440 mm	2440 mm	2792 mm	3201 mm	2717 mm	2996 mm	2996 mm	3143 mm	3143 mm
Machine Height to Product Link Antenna ⁽¹⁾	3253 mm	3253 mm	3253 mm	3253 mm	3303 mm	3253 mm	3303 mm	3303 mm	3303 mm	3303 mm
Length of Track on Ground	2814 mm	2814 mm	2814 mm	2814 mm	3245 mm	2814 mm	3245 mm	3245 mm	3245 mm	3245 mm
Length of Basic Tractor ⁽²⁾	4210 mm	4210 mm	4210 mm	4210 mm	4415 mm	4894 mm	5002 mm	5002 mm	5002 mm	5002 mm
Ground Clearance	375 mm	375 mm	375 mm	375 mm	406 mm	375 mm	406 mm	406 mm	406 mm	406 mm
Ground Pressure (ISO 16754) ⁽³⁾	59.7 kPa	64.7 kPa	64.5 kPa	45.8 kPa	35.2 kPa	67.4 kPa	47.7 kPa	52.0 kPa	43.3 kPa	47.2 kPa

⁽¹⁾ Height measured from ground line. Add grouser height for total dimension on hard surfaces. When Cat GRADE with 3D antennas are installed, overall machine height increases by approximately 82 mm.

⁽²⁾ Add 218 mm for drawbar. Add 1387 mm/1291 mm for ripper on short track roller frame and long track roller frame machines respectively.

⁽³⁾ All dimensions above with Heavy Duty undercarriage. XL and XW with SU blade, LGP with S blade with no rear attachments unless otherwise specified and calculated per ISO 16754.

Operating Weight	
XL SU	21 382 kg
XL VPAT	24 060 kg
XL Fine Grading	22 650 kg
XL Narrow	22 580 kg
XW SU	22 185 kg
XW VPAT	24 515 kg
XW VPAT with foldable blade	26 695 kg
LGP S	23 299 kg
LGP VPAT	24 733 kg
LGP VPAT with foldable blade	26 913 kg

• Operating weight includes blade, lubricants, coolant, full fuel tank, standard track, ROPS/FOPS cab, drawbar and operator.

Blades		
	Capacity	Width
6 SU – XL	5.55 m ³	3261 mm
6 SU – XL Narrow*	4.95 m ³	2990 mm
6 VPAT – XL	4.64 m ³	3880 mm
6 SU – XW	5.64 m ³	3562 mm
6 VPAT – XW	5.02 m ³	4160 mm
6 VPAT – XW Foldable	5.99 m ³	3856 mm
6 S – LGP	3.79 m ³	4063 mm
6 VPAT – LGP	5.02 m ³	4160 mm
6 VPAT – LGP Foldable	5.99 m ³	3856 mm

*Not available in all areas.

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