



Cat[®] D6T

Track-Type Tractor

The new D6T dozer makes high efficiency dozing as easy as driving your pickup truck. 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 (17.7 tons) per year.

*Compared to previous model.

(■) = Standard

(●) = Optional

Cat Connect Technology

- Automatically maintain established blade mainfall/cross slope 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.



Cat® D6T Track-Type Tractor

Engine		
Engine Model	Cat C9.3 ACERT™	
Emissions	U.S. EPA Tier 4 Final	
Build Number	19	
Net Power (Rated) – 2,200 rpm		
ISO 9249/SAE J1349	161 kW	215 hp
Net Power (Maximum) – 1,200 rpm		
ISO 9249/SAE J1349	183 kW	245 hp
Displacement	9.3 L	567 in ³
<ul style="list-style-type: none"> All non road Tier 4 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. 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. 		

Service Refill Capacities		
Fuel Tank	368 L	97.2 gal
DEF Tank	17.1 L	4.5 gal
Cooling System	46 L	12.2 gal
Engine Crankcase	24.6 L	6.5 gal
Power Train	148.0 L	39.1 gal
Final Drives (each)	13.5 L	3.6 gal
Roller Frames (each)	25.0 L	6.6 gal
Pivot Shaft Compartment	5.0 L	1.3 gal
Hydraulic Tank	62.5 L	16.5 gal

Dimensions												
	XL		XW		LGP		XL VPAT		XW VPAT		LGP VPAT	
Width of Tractor Without Trunnions (standard track)	2440 mm	8 ft 0 in	2792 mm	9 ft 2 in	3201 mm	10 ft 6 in	2717 mm	8 ft 11 in	2996 mm	9 ft 10 in	3143 mm	10 ft 4 in
Machine Height to Product Link Antenna ⁽¹⁾	3253 mm	10 ft 8 in	3253 mm	10 ft 8 in	3303 mm	10 ft 10 in	3253 mm	10 ft 8 in	3303	10 ft 10 in	3303 mm	10 ft 10 in
Length of Track on Ground	2814 mm	9 ft 3 in	2814 mm	9 ft 3 in	3245 mm	10 ft 8 in	2814 mm	9 ft 3 in	3245 mm	10 ft 8 in	3245 mm	10 ft 8 in
Length of Basic Tractor ⁽²⁾	4210 mm	13 ft 10 in	4210 mm	13 ft 10 in	4415 mm	14 ft 6 in	4894 mm	16 ft 1 in	5002 mm	16 ft 5 in	5002 mm	16 ft 5 in
Ground Clearance	375 mm	15 in	375 mm	15 in	406 mm	16 in	375 mm	15 in	406 mm	16 in	406 mm	16 in
Ground Pressure (ISO 16754) ⁽³⁾	59.7 kPa	8.66 psi	45.8 kPa	6.64 psi	35.2 kPa	5.11 psi	67.4 kPa	9.78 psi	47.7 kPa	6.92 psi	43.3 kPa	6.28 psi

⁽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 (3.2 in).

⁽²⁾ Add 218 mm (9 in) for drawbar. Add 1387 mm/1291 mm (4'7"/4'3") 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.

Blades					
	Capacity			Width	
XL SU-Blade	5.55 m ³	7.26 yd ³		3261 mm	10.7 ft
XL A-Blade	3.95 m ³	5.17 yd ³		4160 mm	13.7 ft
XL VPAT-Blade	4.64 m ³	6.07 yd		3880 mm	12.7 ft
XW SU-Blade	5.64 m ³	7.38 yd ³		3562 mm	11.7 ft
XW A-Blade	4.35 m ³	5.69 yd ³		4520 mm	14.8 ft
XW VPAT-Blade	5.02 m ³	6.57 yd ³		4160 mm	13.7 ft
LGP S-Blade	3.79 m ³	4.96 yd ³		4063 mm	13.3 ft
LGP A-Blade	4.94 m ³	6.46 yd ³		5072 mm	16.6 ft
LGP VPAT-Blade	5.02 m ³	6.57 yd ³		4160 mm	13.7 ft

Operating Weight			
XL A		21 703 kg	47,846 lb
XL SU		21 382 kg	47,138 lb
XL VPAT		24 060 kg	53,042 lb
XW A		22 588 kg	49,797 lb
XW SU		22 185 kg	48,909 lb
XW VPAT		24 515 kg	54,045 lb
LGP S		23 299 kg	51,385 lb
LGP A		24 417 kg	53,829 lb
LGP VPAT		24 733 kg	54,526 lb
<ul style="list-style-type: none"> Operating weight includes blade, lubricants, coolant, full fuel tank, standard track, ROPS/FOPS cab, drawbar and operator. 			

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