



Cat[®] D6T

Track-Type Tractor

Technology

- The D6T offers a full range of Cat[®] Connect technologies so you can choose features to match your job site needs for scalability, capability and budget.
- **Cat Slope Indicate (S)** displays machine cross-slope and fore/aft orientation on the primary monitor, helping operators work more accurately on slopes.
- **Cat Stable Blade (S)** complements the operator's blade-control input for attaining finish grades quicker with less effort.
- **Cat GRADE with 3D (O)** is an integrated grade control system that enables operators to improve grading efficiency, accuracy and productivity in production dozing and fine grading applications. Antennas mount on top of the cab to eliminate masts and cables traditionally on the blade and **AutoCarry™** is included in the package to help maximize productivity.
- **Cat AccuGrade™ (O)** is a dealer-installed aftermarket grade-control system that provides increased grading versatility and the ability to scale capacity to changing needs, providing a choice of lasers for 2D flat-plane and slope work, Global Navigation Satellite System (GNSS) control for complex 3D cuts and contours, and/or systems using a Universal Total Station (UTS) for fine and finish grading.
- **Cat AccuGrade Ready Option (ARO) (O)** allows you to easily install or upgrade to Cat AccuGrade 2D and 3D grade-control systems to add versatility and resale value to your machine.
- Remote monitoring with **Product Link™/VisionLink®** helps you manage your fleet more effectively and profitably.

(S) = Standard
(O) = Optional

Ease of Operation

- The D6T delivers outstanding versatility – the pushing power you want for heavy dozing applications and the fine control you need for finish grading – all in one easy-to-transport machine.
- Operators enjoy added comforts like a quieter cab, easy closing cab doors, manually adjustable arm rests and a cup holder with auxiliary power port.
- Emissions technology is transparent – no action required from the operator, no stopping for regeneration.
- Enhanced Auto Shift helps save fuel by automatically upshifting/downshifting to maintain the most efficient gear based on load.
- Selectable electro-hydraulic maps let you set implement response to match operator preferences and tailor the machine to individual applications.
- Seat belt indicator on dash enhances safety.

Sustainability

- Meets U.S. EPA Tier 4 Final emission standards.
- Improved fuel economy over Tier 4 Interim and efficient use of Diesel Exhaust Fluid (DEF) gives you excellent overall fluid efficiency.

Serviceability

- New guard rail enhances safety when filling both fuel and DEF, or cleaning the back window.
- Larger engine compartment doors and a lower panel that can be removed without tools make service even easier.
- Hour meter now standard on Ground Level Service Center.
- New cab (ROPS) mounted air conditioning gives you more cooling capability, and removes condenser from under the hood for easier service.



Cat® D6T Track-Type Tractor

Engine		
Engine Model	Cat C9.3 ACERT™	
Emissions	Tier 4 Final	
Net Power (Rated) – 2,000 rpm		
ISO 9249/SAE J1349	154 kW	207 hp
Net Power (Maximum) – 1,600 rpm		
ISO 9249/SAE J1349	180 kW	241 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. 		

Blades				
	Capacity		Width	
XL SU-Blade	5.31 m ³	6.94 yd ³	3260 mm	10'8"
XL A-Blade	3.93 m ³	5.14 yd ³	4160 mm	13'8"
XL VPAT-Blade	4.73 m ³	6.19 yd ³	3880 mm	12'9"
XW SU-Blade	5.05 m ³	6.6 yd ³	3560 mm	11'8"
XW A-Blade	4.3 m ³	5.63 yd ³	4500 mm	14'9"
XW VPAT-Blade	5.08 m ³	6.65 yd ³	4160 mm	13'8"
LGP S-Blade	3.7 m ³	4.83 yd ³	4040 mm	13'3"
LGP A-Blade	5.22 m ³	6.82 yd ³	5070 mm	16'8"
LGP VPAT-Blade	5.08 m ³	6.65 yd ³	4160 mm	13'8"

Service Refill Capacities		
Fuel Tank	411 L	108.7 gal
DEF Tank	17.1 L	4.5 gal
Cooling System	51 L	13.4 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	65.5 L	17.3 gal

Operating Weight		
XL A	21 306 kg	46,791 lb
XL SU	20 985 kg	46,263 lb
XL VPAT	23 663 kg	52,167 lb
XW A	22 191 kg	48,922 lb
XW SU	21 788 kg	48,034 lb
XW VPAT	24 118 kg	53,170 lb
LGP S	22 902 kg	50,490 lb
LGP A	24 020 kg	52,954 lb
LGP VPAT	24 336 kg	53,651 lb

Dimensions												
	XL		XW		LGP		XL VPAT		XW VPAT		LGP VPAT	
Width of Tractor (without trunnions)	2.59 m	8'6"	2.79 m	9'2"	3.20 m	10'6"	2.72 m	8'11"	3.00 m	9'10"	3.14 m	10'4"
Machine Height*** (to ROPS)	3.19 m	10'5"	3.19 m	10'5"	3.24 m	10'7"	3.19 m	10'5"	3.24 m	10'7"	3.24 m	10'7"
Length of Track on Ground	2.86 m	9'5"	2.86 m	9'5"	3.27 m	10'9"	2.86 m	9'5"	3.27 m	10'9"	3.27 m	10'9"
Length of Basic Tractor*	4.25 m	13'9"	4.25 m	13'9"	4.55 m	14'11"	4.95 m	16'3"	5.09 m	16'8"	5.09 m	16'8"
Ground Clearance	372 mm	15"	372 mm	15"	372 mm	15"	406 mm	16"	406 mm	16"	406 mm	16"
Ground Pressure**	58.1 kPa	8.4 psi	44.5 kPa	6.4 psi	34.4 kPa	4.99 psi	65.5 kPa	9.5 psi	46.4 kPa	6.7 psi	42.6 kPa	6.2 psi

*Add 220 mm (9 in) for drawbar.

Add 1395 mm/1260 mm (4'7"/4'2") for ripper on short track roller frame and long track roller frame machines respectively.

**XL/XW with SU blade, LGP with S blade and no rear attachments unless otherwise specified and calculated per ISO 16754.

***When Cat Grade Control 3D antennas are installed, overall machine height increases by approximately 82 mm (3.2 in).

For more complete information on Cat products, dealer services, and industry solutions, visit us on the web at www.cat.com

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