



Cat[®] D6T WH

Waste Handler

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 a significant amount of fuel and operator effort, without sacrificing durability, power or productivity. Specialized guarding and durability features are designed and factory installed to take on the demands of waste applications.

Durability

- Specialized guarding throughout the machine helps protect major components like the chassis, fuel tank and hydraulic tank from impact and airborne debris.
- Multi-layer final drive guards, including a labyrinth-style guard with 90-degree turns, help keep dirt and debris away from the Duo-Cone™ seal to protect final drive oil.
- Pivot shaft seal guards help prevent debris from entering and damaging seals.
- Striker bars help prevent debris from damaging the machine, and added seals help reduce the amount of material entering engine and transmission compartments.
- Tilt cylinder with rotating bushing type design help wrapping materials to roll off hoses.
- Heavy duty hinged radiator guard protects radiator and fan from penetration by material coming straight in or from under the blade.
- Cooling system designed for high debris environments, with automatic reversing fan and swing-out access for cleanout.
- Laminated thermal shields and insulated Clean Emissions Module.
- Hinged belly guard for easy cleaning.
- Landfill blades and center-hole track shoes help you optimize your waste handler for the job.
- Lights mounted up and away from main debris area for protection, while still giving you plenty of light on the work area.

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.
- 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 applications.
- Sustainable: fuel savings reduces CO₂ production by an average of approximately 16.6 metric tons (17.7 tons) per year.

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.

*Compared to previous model.

(■) = Standard

(●) = Optional



Cat® D6T WH Waste Handler

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	

- 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 ULSD (15 ppm [mg/kg] sulfur or less). 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.

Landfill Blades				
	Capacity		Width	
6 SU – XL Landfill	11.01 m ³	14.4 yd ³	3260 mm	10.7 ft
6 SU – XW Landfill	12.11 m ³	15.84 yd ³	3560 mm	11.7 ft
6S LGP Landfill	9.43 m ³	12.33 yd ³	4063 mm	13.3 ft

Operating Weight			
XL SU	23 429 kg		51,652 lb
XW SU	24 232 kg		53,423 lb
XW VPAT	26 636 kg		58,723 lb
LGP S	25 430 kg		56,063 lb
LGP VPAT	26 855 kg		59,204 lb
Operating Weight – ISO 16754			

For complete machine features and available configurations, please consult your Cat dealer or visit www.cat.com.

	Dimensions									
	XL		XW		LGP		XW VPAT		LGP VPAT	
Width of Tractor (without trunnions)	2440 mm	8 ft 0 in	2792 mm	9 ft 2 in	3201 mm	10 ft 6 in	2996 mm	9 ft 10 in	3143 mm	10 ft 4 in
Machine Height to Top of Precleaner	3.47 m	11 ft 5 in	3.47 m	11 ft 5 in	3.53 m	11 ft 7 in	3.53 m	11 ft 7 in	3.53 m	11 ft 7 in
Length of Track on Ground	2814 mm	9 ft 3 in	2814 mm	9 ft 3 in	3245 mm	10 ft 8 in	3245 mm	10 ft 8 in	3245 mm	10 ft 8 in
Length of Basic Tractor with Striker Bars	4.96 m	16 ft 3 in	4.96 m	16 ft 3 in	5.26 m	17 ft 3 in	5.82 m	19 ft 1 in	5.82 m	19 ft 1 in
Ground Clearance	375 mm	15 in	375 mm	15 in	406 mm	16 in	406 mm	16 in	406 mm	16 in
Ground Pressure (ISO 16754)	65.6 kPa	9.52 psi	50.1 kPa	7.26 psi	38.4 kPa	5.57 psi	51.7 kPa	7.50 psi	47.0 kPa	6.81 psi

Add 653 mm (25.7 in)/615 mm (24.2 in) for ripper on short track roller frame and long track roller frame machines respectively.

Add if blade is installed: SU 1068 mm (3 ft 6 in); XL A 1007 mm (3 ft 4 in); XW A 1068 mm (3 ft 6 in); LGP A 1305 mm (4 ft 4 in); VPAT 420 mm (1 ft 5 in).

Dimension to subtract if striker box is not installed: XL = 727 mm (29 in); LGP = 709 mm (28 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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Materials and specifications are subject to change without notice. Featured machines in photos may include additional equipment. See your Cat dealer for available options.

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