



Cat[®] D8T WH

Waste Handler

From pushing trash to spreading cover, and cell construction to closing, Cat[®] Waste Handlers are designed and manufactured from the frame up to take on the demands of landfill work.

Durability

- Specialized guarding throughout the machine helps protect major components like the chassis, fuel tank and hydraulic tank from impact and airborne debris.
- Final drive guarding helps prevent wire wrap and helps keep dirt and debris away from the Duo-Cone™ seals.
- 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.
- Rotating bushings on tilt cylinders helps wrapping material 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 with an air wand.
- 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.

Ease of Operation

- Comfortable, quiet operator station with excellent visibility and air handling features to help keep dust out/provide air filtration.
- Enhanced AutoShift allows your operator to select optimum ground speed for the job and helps save fuel by automatically choosing the more efficient gear based on load.
- Low effort, responsive controls for precision and ease of operation.
- Selectable electro-hydraulic maps let you set implement response to match operator preferences and application.
- Rear vision camera available to enhance visibility behind the machine.
- Meets U.S. EPA Tier 4 Final/EU Stage IV/Korea Tier 4 emission standards with emissions technology that is transparent – no action required from the operator, no stopping for regeneration.

Technology

- **Cat Slope Indicate (S)** shows cross slope and mainfall on the primary machine display to help operators work more confidently.
- **Cat GRADE with 3D (O)** is an integrated grade control system that helps operators grade with more accuracy and efficiency. Antennas mount on top of the cab – not on the blade – so they are safely out of the way of landfill debris.
- **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

*Product Link not available in all areas.

Please consult your Cat dealer for details.



Cat® D8T WH Waste Handler

Engine		
Engine Model	Cat C15 ACERT™	
Emissions	Tier 4 Final/Stage IV/ Korea Tier 4	
Net Power (Rated) – 1,900 rpm		
ISO 9249/SAE J1349	233 kW	312 hp
ISO 9249/SAE J1349 (DIN)		317 hp
Net Power (Maximum) – 1,700 rpm		
ISO 9249/SAE J1349	252 kW	335 hp
ISO 9249/SAE J1349 DIN		343 hp
Bore	137 mm	5.4 in
Stroke	172 mm	6.75 in
Displacement	15.2 L	928 in ³
<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 EPA/10 ppm EU (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 2.5 kg of refrigerant which has a CO₂ equivalent of 3.575 metric tonnes. 		

	Blades			
	Capacity (SAE J1265)		Width (over end bits)	
8 SU Landfill	19.6 m ³	25.6 yd ³	3931 mm	12.9 ft
8 U Landfill	21.2 m ³	27.7 yd ³	4251 mm	13.9 ft
8 SU LGP Landfill	22.1 m ³	28.9 yd ³	4531 mm	14.9 ft

Operating Weight		
Standard Waste Handler	39 366 kg	86,710 lb
LGP Waste Handler	41 586 kg	91,600 lb

Shipping Weight		
Standard Waste Handler	33 324 kg	73,400 lb
LGP Waste Handler	35 367 kg	77,900 lb

Transmission		
1 Forward	3.4 km/h	2.1 mph
2 Forward	6.1 km/h	3.8 mph
3 Forward	10.6 km/h	6.6 mph
1 Reverse	4.5 km/h	2.8 mph
2 Reverse	8 km/h	5 mph
3 Reverse	14.2 km/h	8.8 mph

	Dimensions					
	Standard		Non-Suspended		LGP	
Height (to top of roof-mounted precleaner)	3706 mm	145.2 in	3706 mm	145.2 in	3706 mm	145.2 in
Length Basic Tractor (with striker bars with two counterweights)*	5256 mm	206.4 in	5256 mm	206.4 in	5256 mm	206.4 in
Length of Basic Tractor (tag link trunnion to tip of rear grouser)*	4647 mm	183.0 in	4647 mm	183.0 in	4647 mm	183.0 in
Height of Grouser	78 mm	3.1 in	78 mm	3.1 in	78 mm	3.1 in
Track Gauge	2083 mm	82.0 in	2083 mm	82.0 in	2337 mm	92.0 in
Width of Tractor (over trunnions)	3057 mm	120.4 in	3057 mm	120.4 in	3311 mm	130.4 in
Without Trunnions (standard shoe width)	2693 mm	106.0 in	2693 mm	106.0 in	3302 mm	130.0 in
Machine Height (from grouser tip)						
Exhaust Stack	3472 mm	136.7 in	3463 mm	136.3 in	3295 mm	129.7 in
EROPS (to top of railing)	3566 mm	140.4 in	3575 mm	140.7 in	3566 mm	140.4 in
Length of Track on Ground	3206 mm	126.2 in	3258 mm	128.3 in	3206 mm	126.2 in
Ground Clearance	613 mm	24.1 in	606 mm	23.8 in	613 mm	24.1 in

*With the following attachments add: SU Blade 1844 mm/72.6 in; U Blade 2241 mm/88.2 in; Drawbar 406 mm/16.0 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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