

D6T WH

Waste Handler



Engine

| | | |
|----------------------------|-----------------------------------|--------|
| Engine Model | Cat® C9.3 ACERT™ | |
| Emissions | U.S. Tier 4 Interim/EU Stage IIIB | |
| Net Power – ISO 9249 | 153 kW | 205 hp |
| Net Power – ISO 9249 (DIN) | | 208 hp |

Weights

| | | |
|-----------------------------|-----------|-----------|
| Operating Weight – XL A | 23 448 kg | 51,586 lb |
| Operating Weight – XL SU | 23 237 kg | 51,121 lb |
| Operating Weight – XW A | 24 500 kg | 53,900 lb |
| Operating Weight – XW SU | 24 221 kg | 53,286 lb |
| Operating Weight – XW VPAT | 26 544 kg | 58,397 lb |
| Operating Weight – LGP S | 24 905 kg | 54,791 lb |
| Operating Weight – LGP A | 25 939 kg | 57,066 lb |
| Operating Weight – LGP VPAT | 27 026 kg | 59,457 lb |

D6T Waste Handler Features

Powerful Productivity

Standard electro-hydraulic controls help improve precision and response. Dedicated hydraulics and machine control systems aid overall productivity. Features like Eco Reverse, Multi Velocity Program and hydraulic demand fan help reduce overall fuel use and reduce operating costs.

Operator Station

Ease of operation, cab comfort and layout help keep operators focused and more productive.

Engine and Emissions Technology

Cat® C9.3 ACERT™ engine and Cat aftertreatment solutions meet U.S. EPA Tier 4 Interim and EU Stage IIIB emission standards.

Waste Handling Features

Application specific guarding and attachments help optimize the machine for landfill performance, service life and uptime.

Integrated Technologies

Grade Control Ready feature means easy installation of the performance enhancing Cat AccuGrade™ system. Cat Product Link helps fleet managers maximize utilization and control costs.

Serviceability and Customer Support

Ease of serviceability, Cat dealer support expertise and machine rebuild capability help to reduce overall owning and operating costs.

Note: Some options and blades may not be available in all areas. Please see your Cat dealer for details.



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The Cat® D6T Waste Handler has earned a reputation for best-in-class versatility, productivity and resale value. Landfill customers choose the D6T WH because it excels at multiple tasks from pushing trash and spreading cover to cell construction and closing. Cat waste handlers are designed and built from the frame up to handle the demands of landfill work – and they do it with industry leading comfort and reliability. The D6T WH meets U.S. Tier 4 Interim/ EU Stage IIIB emission standards.

Operator Station and Controls

Ergonomically designed for ease of operation

The D6T cab is designed and equipped for operator productivity, safety and comfort. An isolation-mounted cab reduces noise and vibration. Large windows, tapered hood and notched fuel tank offer excellent all-around visibility.

Updated dash and instrumentation streamline the display in a format that is more common across the Cat tractor line. Features like a standard air-ride suspension seat, conveniently located heating and air conditioning controls and well placed air vents add to operator comfort. Carbon filters are available for the cab air filters to help reduce odor.

Steering and Dozer Controls

Responsive electro-hydraulic differential steering controls direction and degree of turns, forward-reverse shifting, and gear selection in a single control handle. Ergonomically designed dozer and rear implement controls offer ease of operation, precise control and enhanced operator comfort.

Implement/Work Tool Lock-Out Switch

Lock-out feature prevents inadvertent operation of hydraulic work tool attachments.

Auto-Shift/Auto-Kickdown

Operators can pre-select a forward and reverse speed setting for easy, efficient directional changes. Auto-shift settings include first forward to second reverse and second forward to second reverse. Auto-kickdown allows the transmission to automatically downshift when significant load increases are detected.



Engine and Emissions Technology

Reliable, integrated solutions



The D6T features a Cat C9.3 ACERT™ engine and a Cat Clean Emissions Module to deliver the performance and efficiency that customers demand, while meeting U.S. EPA Tier 4 Interim/EU Stage IIIB emission standards.

Cat NO_x Reduction System

The Cat NO_x Reduction System captures and cools a small quantity of exhaust gas, then routes it into the combustion chamber where it drives down combustion temperatures and reduces NO_x emissions.

Aftertreatment Technologies

A **Diesel Oxidation Catalyst (DOC)** uses a chemical process to convert regulated emissions in the exhaust system. The **Diesel Particulate Filter (DPF)** traps particulate matter that is carried into the exhaust stream. System components are contained in the Cat Clean Emissions Module (CEM) to protect components, minimize the aftertreatment footprint and simplify maintenance. In Waste Handlers, the Clean Emissions Module is insulated for protection in high debris applications.

Cat Regeneration System

The Cat Regeneration System is designed to work transparently, without any interaction needed from the operator. Under most operating conditions, engine exhaust is hot enough to oxidize soot through passive regeneration.

If supplemental regeneration is needed, the Cat Regeneration System elevates exhaust gas temperatures to burn off soot in the Diesel Particulate Filter (DPF). This process happens automatically, but the operator can initiate the cycle when convenient or interrupt regeneration as needed. A soot level monitor and regeneration indicator lights are integrated into the dash display.

Key Off Regeneration – Optional Key Off Regeneration allows the operator to initiate a regeneration cycle after the key has been turned off. If a cycle takes place, the engine will complete regeneration, followed by a cool down period prior to shutting down.

Delayed Engine Shutdown – Delayed Engine Shutdown feature is available to allow the machine to cool immediately after a heavy work load or regeneration cycle.

Engine Idle Shutdown Timer – An optional Engine Idle Shutdown timer will sound a warning and shut down the engine after the machine has been idling for a pre-set period of time.



Powertrain

Powerful efficiency



The power shift transmission and differential steering work with the C9.3 ACERT engine to deliver the outstanding power, productive performance and reliability expected from Cat Track-Type Tractors.

Differential steering maintains full power to both tracks to provide best-in-class turning with a loaded blade. When one track speeds up, the other slows down an equal amount. Maneuverability – especially with large blade loads – is improved, as well as cycle times in some applications. Greater load capacity, power and speed control are possible in soft underfoot conditions on steep slopes.

Exclusive **Multi Velocity Program** machine control system allows the operator to choose from five speed ranges in Forward and Reverse to best match machine speed to applications and ground conditions. Operators maximize production, minimize fuel consumption, and reduce overall machine operating costs.

Standard **Eco Reverse** feature reduces engine speed during the reverse portion of the dozing cycle. Once set, no additional operator input is needed. Eco Reverse can reduce fuel use by up to 5 percent, depending on the application.

Cooling System

Durable and efficient

The engine radiator, Air To Air After Cooler (ATAAC), and hydraulic oil cooler are packaged in a single plane. Aluminum bar plate construction provides durability and allows for higher heat transfer and superior corrosion resistance. The standard cores feature six fins per inch to allow debris to pass through and reduce plugging concerns.

In cooler conditions, a hydraulically driven demand fan reduces speed to conserve power, save fuel and decrease sound levels.

An automatic reversing fan changes the fan rotation while the machine is backing up or stationary. This feature includes access slots in the side of the radiator guard for cleaning access. Roof-mounted air conditioning removes the condenser unit from under the hood. This helps reduce heat load, improves cleaning access and increases ambient capability.



Waste Handling Guarding and Seals

Features to help maximize performance



Cat Waste Handlers are purpose-built to handle the rigors of landfill work. Factory installed guarding and debris-resistant features help protect vital machine components to maximize service life and uptime.

- Hinged radiator guard protects cooling system and offers quick access to the radiator for cleaning.
- Engine enclosures have perforated hood and side panels to help prevent airborne debris from entering engine compartment and helps reduce radiator plugging. (Sound suppression arrangement features solid doors. Perforated hood is replaced with larger rectangular perforations.)
- Insulated Cat Clean Emissions Module.
- Clamshell guards installed over the final drives help prevent wire wrap. Idler and final drive seal guards help keep debris from wrapping around and damaging the Duo-Cone™ seals.
- Bottom guards, chassis guards and tilt cylinder guards help protect against contact damage and help keep debris out of vital machine components.
- Guarding helps protect implement hydraulic oil tank, battery box and fuel tank in high debris applications.
- Lights are mounted up and away from the concentrated debris environment for excellent illumination of the work area and protection from debris.
- Heavy-duty handles are manufactured from solid steel to withstand the rigors of landfill work.
- Additional sealing helps eliminate debris entry from key areas like engine enclosures, platforms, hydraulic tank, Roll Over Protection Structure (ROPS) support, battery box, striker bar box, and rear case opening.
- High-capacity ducted alternator provides additional power required for electrical accessories. Ducting helps prevent debris from entering into the alternator for longer life.
- Air conditioner condenser and fans are mounted on the back of the ROPS to protect from waste materials and reduce heat/potential debris load under the hood for better cooling. Machine height is maintained.
- Rear striker bars incorporate a rigid drawbar and housing with large access doors for storage on machines not equipped with rippers. The rear striker bars are counterweight-ready.
- Turbine air precleaner with screen – delivers clean air and provides longer filter life.



Optional Waste Handling Attachments

Recommended for improved performance in landfill applications

A number of optional features are recommended to help customers get optimal performance from Cat Waste Handlers.

- Cat landfill blades increase the dozing capacity in trash and help prevent material from spilling over the blade and entering the radiator. Wear plates help prolong service life when working in highly abrasive materials.
- Front striker bars angled design helps prevent debris from riding up the track for greater machine protection.
- Center-hole track shoes help extend service life by reducing refuse packing within the track. The center hole design allows the sprocket to punch out most dirt and debris.
- Multi-shank rippers are available to penetrate tough material fast.
- Cab roof-mounted strobe light indicates the machine is operational.
- Auxiliary disconnect switch, located on the left side of the operator seat at knee level, allows the operator to access the disconnect switch quickly.
- Enhanced clean air module increases cab air pressure to help keep dust out and provide additional air filtration, greatly increasing cab air filter life.
- Rear vision camera – display mounted in the front of the cab helps the operator more easily see behind the machine, enhancing overall visibility and safety.
- High intensity discharge lighting with additional lamps for optimum visibility under low light conditions.



Integrated Technologies

Solutions to make work easier and more efficient

Computer Aided Earthmoving System (CAES)

The Computer Aided Earthmoving System (CAES) is a high-technology landfill tool that allows machine operators to hold tighter grades/slopes. This helps conserve valuable airspace and cover soil without stakes and crews. The system uses Global Navigation Satellite System (GNSS) technology, machine mounted components, a radio network and office management software to deliver real-time information on an in-cab display. Additionally, CAES permits the identification of site specific storage areas such as hazardous waste, medical, industrial, organic, and other materials which require special handling or a record of their placement.

AccuGrade™

AccuGrade™ is a dealer installed machine control and guidance system that uses Laser, Global Navigation Satellite System (GNSS) and/or Universal Tracking Station (UTS) technology, machine mounted components and off-board hardware. This system provides accurate blade positioning information and automatics for greater efficiency. The D6T Waste Handler is Grade Control Ready, with deeply integrated harnesses incorporated into the machine during assembly. It can also be ordered AccuGrade Ready, with optional brackets and hardware installed, making the tractor ready to plug in the dealer installed AccuGrade system.

Cat Product Link

Remote monitoring with Product Link improves overall fleet-management effectiveness. Product Link is deeply integrated into machine systems. Events and diagnostic codes, as well as hours, fuel, idle time and other detailed information are transmitted to a secure web based application, VisionLink™. VisionLink includes powerful tools to convey information to users and dealers, including mapping, working and idle time, fuel level and more.

Undercarriage

Engineered for performance

The D6T WH features the Cat elevated sprocket design that isolates final drives, axles, and steering components from harsh impacts. The undercarriage is designed for easy clean-out, and a modular design aids serviceability to help reduce maintenance costs.

Heavy Duty Undercarriage is recommended for waste handling applications. Components are designed for extended wear life in abrasive conditions and high impact applications.

Customers may also choose a SystemOne™ Undercarriage for the D6T WH. SystemOne can help reduce total undercarriage owning and operating costs in many applications. Lifetime sealed and lubricated cartridges eliminate bushing turns and sprockets require no replacement during the life of the chain. All SystemOne undercarriage components are designed to work and wear as a system for longer track life.

Several track shoe options are available, but a center-hole track shoe is recommended when working in trash to help shed waste that might otherwise help accelerate internal track wear.



Sustainability

Thinking generations ahead

The Cat D6T WH is designed to benefit your business, and reduce emissions.

- Meets U.S. Tier 4 Interim/EU Stage IIIB emission standards.
- Fuel efficient engine, and features like Eco Reverse and a hydraulic demand fan, helps decrease overall fuel consumption.
- Technologies like AccuGrade and Product Link help improve overall efficiency, saving fuel and fluids, as well as wear and tear on equipment.
- Grab handles, steps, lighting packages and a ground level service center help enhance job site safety.
- Major components are built to be rebuilt, eliminating waste and saving customers money by giving the machine and/or major components a second – and even third – life.

Serviceability and Customer Support

When uptime counts



Enclosures and Guarding

Several key engine enclosure panels are hinged or feature tool-less removal for easy access during inspection or service work. Larger side engine enclosures provide direct access to the back side of the cooling package for inspection and cleaning. Heavy duty radiator grill doors are now standard and maintain their robust bolt-on, hinged design for easy access to the fan and the front side of the cooling package.

Ground Level Service Center

The new ground level service center is accessible on the left hand fender without setting foot on the machine, giving easy access to the battery disconnect and secondary engine shutdown switches. Optional access light switch, digital hour meter and jacket water heater plug are also available.

Access/Egress

Newly designed steps and handles make climbing on and off the tractor easier than ever. An access light switch is included with optional light packages that turns on the cab-mounted exterior light for night time visibility when mounting/dismounting the machine.

An Operator Presence Detection system allows the machine to idle when an operator is not in the seat. The system locks out the powertrain so any unintentional movements during ingress or egress will not physically move the machine.

Renowned Cat Dealer Support

From helping you choose the right machine to knowledgeable ongoing support, Cat dealers provide the best in sales and service. Manage costs with preventive maintenance programs like Custom Track Service, Scheduled Oil Sampling (S·O·SSM) analysis, and guaranteed maintenance contracts. Stay productive with best-in-class parts availability. Cat dealers can even help you with operator training to help boost your profits.

And when it's time for machine replacement, your Cat dealer can help you save even more with Genuine Cat Remanufactured parts. Receive the same warranty and reliability as new products at cost savings of 40 to 70 percent for powertrain and hydraulic components.



D6T Waste Handler Specifications

Engine

| | | |
|-----------------------------------|---------------------------------------|---------------------|
| Engine Model | Cat® C9.3 ACERT™ | |
| Emissions | U.S. Tier 4 Interim/ EU Stage IIIB | |
| Gross Power – SAE J1995 | 171 kW | 229 hp |
| Engine Power – ISO 14396 | 169 kW | 227 hp |
| Engine Power – ISO 14396 (DIN) | | 230 hp |
| Net Power – SAE J1349 | 153 kW | 205 hp |
| Net Power – ISO 9249 | 153 kW | 205 hp |
| Net Power – ISO 9249 (DIN) | | 208 hp |
| Net Power – 80/1269/EEC | 153 kW | 205 hp |
| Bore | 115 mm | 4.5 in |
| Stroke | 149 mm | 5.9 in |
| Displacement | 9.3 L | 567 in ³ |

- Engine ratings apply at 1,850 rpm.
- Net power advertised is the power available at the engine flywheel when the engine is equipped with a fan at maximum speed, air cleaner, muffler and alternator.
- No deratings required up to 2286 m (7,500 ft) altitude, beyond 2286 m (7,500 ft) automatic derating occurs.

Transmission

| | | |
|---------------|----------|-----------|
| 1.5 Forward | 3.8 kph | 2.3 mph |
| 2.0 Forward | 5.1 kph | 3.2 mph |
| 2.5 Forward | 6.6 kph | 4.1 mph |
| 3.0 Forward | 8.5 kph | 5.3 mph |
| 3.5 Forward | 11.4 kph | 7.1 mph |
| 1.5 Reverse | 4.8 kph | 3.0 mph |
| 2.0 Reverse | 6.6 kph | 4.1 mph |
| 2.5 Reverse | 8.4 kph | 5.2 mph |
| 3.0 Reverse | 8.5 kph | 5.3 mph |
| 3.5 Reverse | 14.6 kph | 9.0 mph |
| Drawbar Pull: | | |
| 1.5 Forward | 355.5 kN | 79,910 lb |
| 2.0 Forward | 206.4 kN | 46,410 lb |
| 2.5 Forward | 206.4 kN | 46,410 lb |
| 3.0 Forward | 113 kN | 25,360 lb |
| 3.5 Forward | 113 kN | 25,360 lb |

Undercarriage

| | | |
|-----------------------------|---------------------|-----------------------|
| Shoe Type | Moderate Service | |
| Width of Shoe: | | |
| XL | 560 mm | 22 in |
| XW | 760 mm | 30 in |
| XW VPAT | 710 mm | 28 in |
| LGP | 915 mm | 36 in |
| LGP VPAT | 790 mm | 31 in |
| Shoes/Side: | | |
| XL/XW | 41 | |
| LGP | 45 | |
| Grouser Height | 65 mm | 2.6 in |
| Pitch | 203 mm | 8.0 in |
| Ground Clearance | 384 mm | 15.0 in |
| Track Gauge: | | |
| XL | 1880 mm | 74 in |
| XW | 2032 mm | 80 in |
| XW VPAT/LGP/ LGP VPAT | 2286 mm | 90 in |
| Track on Ground: | | |
| XL/XW | 2840 mm | 112 in |
| LGP | 3250 mm | 128 in |
| Ground Contact Area: | | |
| XL | 3.18 m ² | 4,929 in ² |
| XW | 4.31 m ² | 6,680 in ² |
| LGP | 5.95 m ² | 9,223 in ² |
| XW VPAT | 4.03 m ² | 6,246 in ² |
| LGP VPAT | 5.10 m ² | 7,905 in ² |
| Ground Pressure: | | |
| XL | 57.2 kPa | 8.3 psi |
| XW | 43.9 kPa | 6.4 psi |
| LGP | 33.5 kPa | 4.86 psi |
| XW VPAT | 52.0 kPa | 7.5 psi |
| LGP VPAT | 42.8 kPa | 6.2 psi |
| Carrier Rollers/Side | 1 | |
| Track Rollers/Side | | |
| XL/XW | 7 | |
| LGP | 8 | |
| Oscillation at Front Idler: | | |
| XL/XW VPAT | 103 mm | 4.0 in |
| XW | 100 mm | 3.9 in |
| LGP/LGP VPAT | 117 mm | 4.6 in |

Note: Some configurations may not be available in all areas. Please consult your Cat dealer for availability.

Service Refill Capacities

| | | |
|----------------------------|---------|-----------|
| Fuel Tank | 425.0 L | 112.0 gal |
| Cooling System | 64.4 L | 17.0 gal |
| Engine Crankcase | 24.6 L | 6.5 gal |
| Powertrain | 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 |

All nonroad U.S. EPA Tier 4, European Union (EU) Stage IIIB and IV, and Japan (MLIT) Step IV certified diesel engines are required to use:

- Ultra Low Sulfur Diesel (ULSD) and Sulfur-Free fuels that are 15 ppm (mg/kg) sulfur or less.
- Cat® DEO-ULS™ or oils that meet the Cat ECF-3, API CJ-4, and ACEA E9 specification.

Hydraulic Controls – Maximum Operating Pressure

| | | |
|--------------------|------------|-----------|
| Bulldozer – Lift: | | |
| Non-VPAT | 19 300 kPa | 2,800 psi |
| VPAT | 21 550 kPa | 3,125 psi |
| Bulldozer – Tilt: | | |
| Non-VPAT | 19 300 kPa | 2,800 psi |
| VPAT | 21 550 kPa | 3,125 psi |
| Bulldozer – Angle: | | |
| VPAT | 21 550 kPa | 3,125 psi |
| Ripper – Lift: | | |
| Non-VPAT | 19 300 kPa | 2,800 psi |
| VPAT | 21 550 kPa | 3,125 psi |
| Steering | 40 000 kPa | 5,800 psi |

D6T Waste Handler Specifications

Hydraulic Controls – Pump

| | | |
|----------------------------|-----------|------------|
| Type | | |
| RPM at Rated Engine Speed: | | |
| Fan | 2,135 rpm | |
| Implement | 2,135 rpm | |
| Steering | 2,854 rpm | |
| Pump Output: | | |
| Fan | 93 L/min | 25 gal/min |
| Implement | 205 L/min | 54 gal/min |
| Steering | 195 L/min | 52 gal/min |
| Lift Cylinder Flow | 190 L/min | 50 gal/min |
| Tilt Cylinder Flow | 110 L/min | 29 gal/min |
| Ripper Cylinder Flow | 190 L/min | 50 gal/min |
| Angle Cylinder Flow – VPAT | 170 L/min | 45 gal/min |

Hydraulic Controls – Main Relief Valve

| | | |
|-------------------------------|------------|-----------|
| Pressure Setting – Implement: | | |
| Non-VPAT | 21 700 kPa | 3,150 psi |
| VPAT | 24 400 kPa | 3,540 psi |

Winch

| | | |
|------------------------------------|---------------|-----------------|
| Winch Model | PA56 | |
| Weight | 1203 kg | 2,652 lb |
| Oil Capacity | 67 L | 17.8 gal |
| Winch and Bracket Length | 1214 mm | 47.8 in |
| Winch Case: | | |
| Length | 902 mm | 35.5 in |
| Width | 872 mm | 34.3 in |
| Increased Tractor Length: | | |
| XL/XW | 516 mm | 20.4 in |
| LGP | 365 mm | 14.4 in |
| Drum Diameter | 254 mm | 10.0 in |
| Drum Width | 315 mm | 12.4 in |
| Flange Diameter | 505 mm | 19.9 in |
| Drum Capacity: | | |
| 22 mm (0.88 in) | 85 m | 281 ft |
| 25 mm (1.0 in) | 66 m | 218 ft |
| Winch Drive | Mechanical | |
| Control | Electric | |
| Overall Width | 975 mm | 38.4 in |
| Rope Diameter (recommended) | 22 mm | 0.88 in |
| Cable Ferrule Size (O.D. × Length) | 54 mm × 67 mm | 2.1 in × 2.6 in |
| Maximum Bare Drum: | | |
| Line Pull | 40 700 kg | 89,800 lb |
| Line Speed | 39.6 m/min | 130 ft/min |
| Maximum Full Drum: | | |
| Line Pull | 34 600 kg | 76,300 lb |
| Line Speed | 68.3 m/min | 224 ft/min |

Blades

| | | |
|----------------|---------------------|----------------------|
| Capacity: | | |
| XL SU-Blade | 11.2 m ³ | 14.3 yd ³ |
| XW SU-Blade | 11.2 m ³ | 14.3 yd ³ |
| XW VPAT-Blade | 5.1 m ³ | 6.7 yd ³ |
| LGP S-Blade | 9.4 m ³ | 12.3 yd ³ |
| LGP VPAT-Blade | 4.2 m ³ | 5.5 yd ³ |
| Width: | | |
| XL SU-Blade | 3260 mm | 10.7 ft |
| XW SU-Blade | 3560 mm | 11.7 ft |
| XW VPAT-Blade | 4160 mm | 13.7 ft |
| LGP S-Blade | 4040 mm | 13.3 ft |
| LGP VPAT-Blade | 4160 mm | 13.7 ft |

Note: Some configurations may not be available in all areas. Please consult your Cat dealer for availability.

Ripper

| | | |
|---|---------------------|-----------------|
| Type | Fixed Parallelogram | |
| Ramp Angle | 26 degrees | |
| Pocket Spacing | 1000 mm | 39.4 in |
| Shank Gauge | 2000 mm | 78.8 in |
| Shank Section | 74 mm × 175 mm | 2.9 in × 6.9 in |
| Number of Pockets | 3 | |
| Overall Beam Width | 2202 mm | 87 in |
| Beam Cross Section | 219 × 254 mm | 8.8 × 10 in |
| Maximum Clearance Raised (under tip, pinned in bottom hole) | 514 mm | 20.2 in |
| Maximum Penetration | 457 mm | 18.0 in |
| Maximum Penetration Force | 6603 kg | 14,557 lb |
| Pryout Force | 9134 kg | 20,137 lb |
| Weight: | | |
| With One Shank | 1634 kg | 3,606 lb |
| Each Additional Shank | 74 kg | 163 lb |

Weights

Operating Weight:

| | | |
|----------|-----------|-----------|
| XL A | 23 448 kg | 51,586 lb |
| XL SU | 23 237 kg | 51,121 lb |
| XW A | 24 500 kg | 53,900 lb |
| XW SU | 24 221 kg | 53,286 lb |
| XW VPAT | 26 544 kg | 58,397 lb |
| LGP S | 24 905 kg | 54,791 lb |
| LGP A | 25 939 kg | 57,066 lb |
| LGP VPAT | 27 026 kg | 59,457 lb |

Shipping Weight:

| | | |
|----------|-----------|-----------|
| XL A | 20 038 kg | 44,084 lb |
| XL SU | 20 038 kg | 44,084 lb |
| XW A | 20 996 kg | 46,191 lb |
| XW SU | 20 996 kg | 46,191 lb |
| XW VPAT | 23 225 kg | 51,095 lb |
| LGP S | 21 984 kg | 48,365 lb |
| LGP A | 21 984 kg | 48,365 lb |
| LGP VPAT | 23 703 kg | 52,147 lb |

- Operating weight includes blade, lubricants, coolant, full fuel tank, standard track, ROPS/FOPS cab, drawbar and operator.
- Shipping weight includes blade lift cylinders, lubricants, coolant, ROPS/FOPS cab, standard track and 10% fuel.

Standards

| | |
|-----------|--|
| ROPS/FOPS | ROPS meets criteria ISO 3471:1994, 2008 FOPS meets ISO 3449:1992, 2005 Level II |
| Brakes | Brakes meet the International Standard ISO 10265:2008. |
| Cab | Meets appropriate standards as listed below. |

- The operator sound exposure Leq (equivalent sound pressure) measured according to the dynamic conditions in ISO 6396 is 79 dB(A) for a cab offered by Caterpillar when properly installed and maintained and with doors and windows closed when tested.
- Hearing protection may be needed when operating with an open operator station and cab (when not properly maintained or doors/windows open) for extended periods or in noisy environment.
- The exterior sound pressure level for a standard machine was measured according to the dynamic conditions in ISO 6395. On this machine equipped with a carrier roller, the sound level is 115 dB(A).

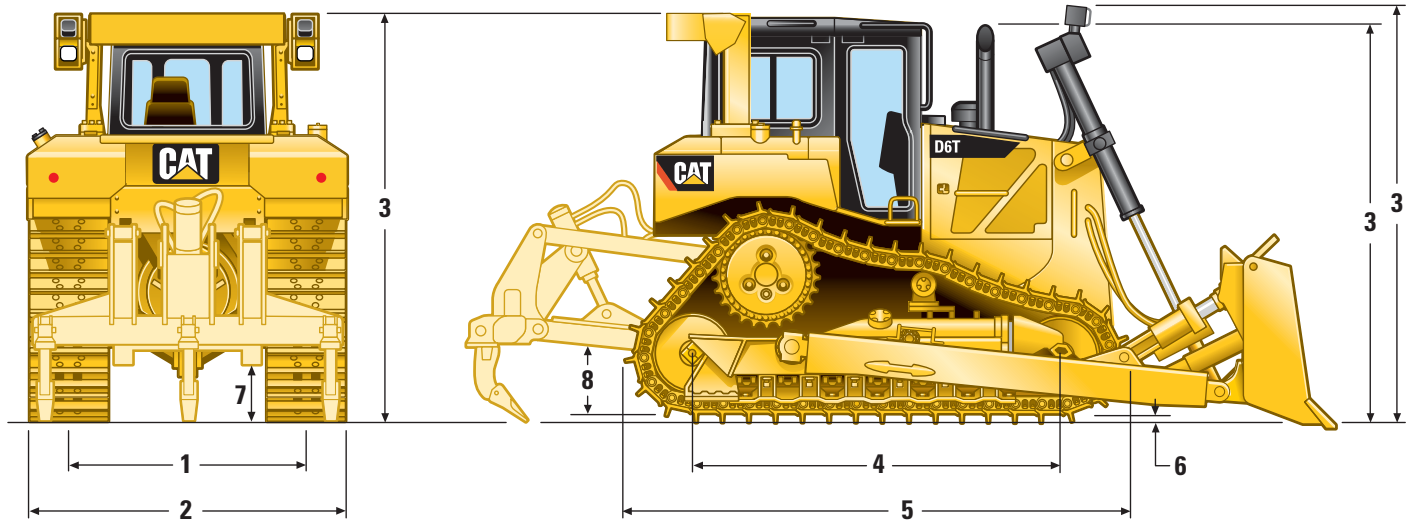
Drive Train

| | |
|------|------------|
| Type | Mechanical |
|------|------------|

D6T Waste Handler Specifications

Dimensions

All dimensions are approximate.

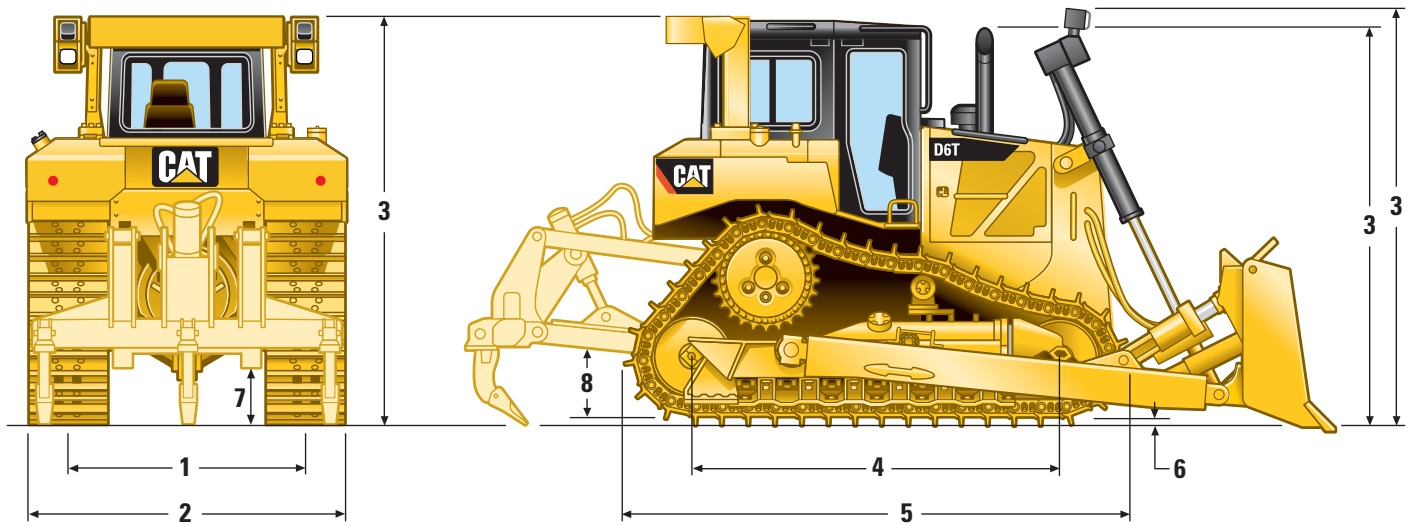


| | XL | | XW | |
|--|---------------------|-----------------------|---------------------|-----------------------|
| 1 Track gauge | 1880 mm | 6 ft 2 in | 2032 mm | 6 ft 8 in |
| 2 Width of tractor | | | | |
| Over trunnions | 2640 mm | 8 ft 8 in | 2950 mm | 9 ft 8 in |
| Without trunnions (std. track) | 2440 mm | 8 ft 0 in | 2794 mm | 9 ft 2 in |
| 3 Machine height from tip of grouser: | | | | |
| Exhaust stack | 3126 mm | 10 ft 3 in | 3126 mm | 10 ft 3 in |
| Top of ROPS-Mounted Precleaner (not shown) | 3378 mm | 11 ft 1 in | 3378 mm | 11 ft 1 in |
| Premium Light Package | 3310 mm | 10 ft 10 in | 3310 mm | 10 ft 10 in |
| 4 Length of track on ground | 2840 mm | 9 ft 4 in | 2840 mm | 9 ft 4 in |
| 5 Length of basic tractor | 3860 mm | 12 ft 8 in | 3860 mm | 12 ft 8 in |
| With following attachments add: | | | | |
| Striker box with 2 counterweights | 613 mm | 24 in | 613 mm | 24 in |
| Ripper Multi-Shank (tip at ground line) | 1370 mm | 4 ft 6 in | 1370 mm | 4 ft 6 in |
| Winch | 517 mm | 20 in | 517 mm | 20 in |
| S Blade | — | — | — | — |
| SU Blade | 1271 mm | 4 ft 2 in | 1271 mm | 4 ft 2 in |
| VPAT Blade | — | — | — | — |
| 6 Height of grouser | 65 mm | 2.6 in | 65 mm | 2.6 in |
| 7 Ground clearance | 384 mm | 15 in | 384 mm | 15 in |
| Track pitch | 203 mm | 8 in | 203 mm | 8 in |
| Number of shoes per side | | 41 | | 41 |
| Number of rollers per side | | 7 | | 7 |
| Standard shoe | 560 mm | 22 in | 760 mm | 30 in |
| Ground contact area (std. track) | 3.18 m ² | 4,929 in ² | 4.31 m ² | 6,681 in ² |
| Ground pressure* | 57.2 kPa | 8.30 psi | 43.9 kPa | 6.36 psi |
| 8 Drawbar height | 576 mm | 23 in | 576 mm | 23 in |
| From ground face of shoe | 511 mm | 20 in | 511 mm | 20 in |

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

Dimensions

All dimensions are approximate.



| | XW VPAT | | LGP | | LGP VPAT | |
|--|---------------------|-----------------------|---------------------|-----------------------|---------------------|-----------------------|
| 1 Track gauge | 2286 mm | 7 ft 6 in | 2286 mm | 7 ft 6 in | 2286 mm | 7 ft 6 in |
| 2 Width of tractor | | | | | | |
| Over trunnions | — | | 3480 mm | 11 ft 5 in | — | |
| Without trunnions (std. track) | 2997 mm | 9 ft 10 in | 3193 mm | 10 ft 6 in | 3150 mm | 10 ft 4 in |
| 3 Machine height from tip of grouser: | | | | | | |
| Exhaust stack | 3126 mm | 10 ft 3 in | 3176 mm | 10 ft 5 in | 3176 mm | 10 ft 5 in |
| Top of ROPS-Mounted Precleaner (not shown) | 3378 mm | 11 ft 1 in | 3429 mm | 11 ft 3 in | 3429 mm | 11 ft 3 in |
| Premium Light Package | 3310 mm | 10 ft 10 in | 3360 mm | 11 ft 0 in | 3360 mm | 11 ft 0 in |
| 4 Length of track on ground | 2840 mm | 9 ft 4 in | 3250 mm | 10 ft 8 in | 3250 mm | 10 ft 8 in |
| 5 Length of basic tractor | 3860 mm | 12 ft 8 in | 4247 mm | 13 ft 11 in | 4247 mm | 13 ft 11 in |
| With following attachments add: | | | | | | |
| Striker box with 2 counterweights | 613 mm | 24 in | 613 mm | 24 in | 613 mm | 24 in |
| Ripper Multi-Shank (tip at ground line) | 1370 mm | 4 ft 6 in | 1370 mm | 4 ft 6 in | 1370 mm | 4 ft 6 in |
| Winch | 517 mm | 20 in | 397 mm | 16 in | 397 mm | 16 in |
| S Blade | — | | 1168 mm | 3 ft 10 in | — | |
| SU Blade | — | | — | | — | |
| VPAT Blade | 1504 mm | 4 ft 11 in | — | | 1412 mm | 4 ft 8 in |
| 6 Height of grouser | 65 mm | 2.6 in | 65 mm | 2.6 in | 65 mm | 2.6 in |
| 7 Ground clearance | 384 mm | 15 in | 434 mm | 17 in | 434 mm | 17 in |
| Track pitch | 203 mm | 8 in | 203 mm | 8 in | 203 mm | 8 in |
| Number of shoes per side | | 41 | | 45 | | 45 |
| Number of rollers per side | | 7 | | 8 | | 8 |
| Standard shoe | 710 mm | 28 in | 915 mm | 36 in | 785 mm | 31 in |
| Ground contact area (std. track) | 4.03 m ² | 6,247 in ² | 5.95 m ² | 9,223 in ² | 5.10 m ² | 7,905 in ² |
| Ground pressure* | 52.0 kPa | 7.54 psi | 33.5 kPa | 4.86 psi | 42.8 kPa | 6.20 psi |
| 8 Drawbar height | 576 mm | 23 in | 626 mm | 25 in | 626 mm | 25 in |
| From ground face of shoe | 511 mm | 20 in | 561 mm | 22 in | 561 mm | 22 in |

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

D6T WH Waste Handler

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