D7E WH

Waste Handler

CATERPILLAR®

Engine		
Engine Model	Cat® C9.3 ACERT™	
Net Power – SAE J1349	175 kW	235 hp
Drive Train		
Type	Electric Drive	

Weights		
Operating Weight – WHA SU Blade	28 820 kg	63,537 lb
Operating Weight – WHA U Blade	29 016 kg	63,969 lb
Operating Weight – LGP WHA	30 900 kg	68,123 lb

D7E WH Features

Electric Drive Power Train
The revolutionary electric drive system delivers excellent dozing efficiency and performance. It consumes considerably less fuel and fewer parts reducing your lifetime owning and operating costs.

Operator Station
New cab features a center post design for more space and improved all-around visibility, as well as reduced noise levels.

Waste Specific Guarding
More than any other equipment manufacturer, Caterpillar offers guarding solutions that support uptime in debris-filled, waste applications.

Serviceability
New tilt cab provides easy access to drive system components, hydraulic pumps and lines. Hinged guarding and access doors are easy to open and protect key machine components from waste.

Sustainability
Designed to do more work while consuming fewer resources and emitting fewer emissions – good for the landfill business and good for the planet.

Contents

Power Train....3
Operator Station....4
Structures and Undercarriage....5
Waste Handling Guarding and Seals....6
Optional Waste Handling Attachment....7
Work Tools....8
Technology Solutions....9
Serviceability....10
Sustainability....11
D7E Waste Handler Specifications....12
D7E WH Standard Equipment....16
D7E WH Optional Equipment....16
Notes....17

Landfills are a crucial part in improving the cleanliness of our air, water, soil ... even the quality of our lives. Putting an innovative, conservation-minded track-type tractor to work on the landfill just makes sense. With its unique diesel-electric drive technology, it puts out fewer emissions and uses less fuel than conventional tractors. Like all Cat track-type tractors working in landfill applications, the D7E is a heavy-duty machine with waste handling guarding to safeguard uptime and support your business. It's a powerful and highly maneuverable machine for dozing and compacting waste, and at the end of the day, will seamlessly convert to doing the fine grading required to place just the right depth of cover material.

Power Train

Heavy-duty performance and fuel economy from diesel-electric drive.

The D7E features an electric generator, power inverter and propulsion module in place of the traditional mechanical torque converter and transmission. The result is a power train that uses 10-30% less fuel (depending on application) while providing new levels of maneuverability and efficiency when delivering power to the ground.

Turning the generator is the 235 hp/175 kW Cat C9.3 turbo-charged diesel engine. The Cat® C9.3 comes from a rugged and dependable line of engines with the advantage of strong parts commonality across the Caterpillar product line.

The engine runs in a very tight speed range of 1,500 and 1,800 rpm. Cat's ACERT™ Technology governs the common rail fuel system for emissions control and precise load-driven fuel mapping. For the D7E, the engine's primary job is turning a generator to produce electricity; as a result, a lower power rating can be accommodated. The D7E's C9.3 engine won't experience the drastic load (and temperature) changes, wear or fuel use of conventional dozer power plants.

The D7E converts mechanical energy into AC current. The AC current is routed through high-quality armored cables and military-grade connectors to a propulsion module. The propulsion module delivers precisely modulated torque via axles to the final drives. Consisting of state-of-the-art AC electrical motors – and connected in turn to the D7E updated differential steering system – the propulsion module has no moving electrical contacts and few moving mechanical parts. The result is a system that more efficiently converts power to dozing and compacting waste while controlling your costs with limited wear, fewer moving parts and lower fuel consumption.

Cooling is provided by an auto reversing fan that passes air over single plane cooling cores. The D7E WHA cooling module is designed to allow small waste particles to pass through rather than be trapped by narrow-spaced cores. These cores are super efficient with their single plane design and easy to clean.

Safeguarding cooling performance are specially designed, perforated and corrugated engine compartment doors. The perforations prevent entry of large debris, while only allowing debris to pass that will fully pass through the cooling cores. The corrugation in the design slows air velocity through the doors by increasing the door's surface area, reducing the suction that attracts fly-away debris. This highly engineered cooling system provides more uptime and higher performance with less cleaning required than conventional systems.

Operator Station

Unprecedented visibility to the work area and levels of operator comfort.

The D7E has a new, industry-leading spacious cab offering important visibility in congested landfill environments. Strong emphasis was put on ergonomics for operator efficiency and comfort. Low-effort controls are simple, intuitive and comfortable for long shifts. Wide glass doors provide unobstructed visibility to both sides of the dozer blade and the waste pile. An optional camera attachment can be mounted to the rear of the machine making it easier for the operator to see what's going on directly behind the equipment. This feature can make all the difference when working in close proximity to trucks and people unloading at the dump site.

Additional cab features promote comfort and productivity with:

- Adjustable seat, controls, wrist and arm rests
- A very low noise level of 76 dB(a) in the cab
- A single-unit heating, ventilation and air conditioning system that is self contained and powered by electrical current. It has no belts, needs no long refrigerant lines and maintains max cooling efficiency even when the machine is idling
- Gauge cluster and integrated messenger display situated directly in front of the operator.
- Speed recall allows the operator to set an appropriate forward and reverse speed and resuming it with the push of a button
- Strobe light for the cab roof – active when the battery disconnect is turned on for a quick indication of machine disconnect status

Structures and Undercarriage

Heavy-duty construction and guarding for waste handling applications.

Structures

The D7E's structures are purpose built of high-quality steel and box section construction. When it comes to structures, Caterpillar goes to extremes with application specific, finite element analysis at initial design, followed by prototype shake table testing, and finally pilot machine testing prior to production. The results are long-life structures built for loads associated with quick directional changes, extreme slopes and heavy-duty pushing or pulling. On Cat waste handling machines, these structures are further protected from wrapping, impact and abrasion. Heavy-duty axles and machine fenders are standard on waste handling units and are built to withstand the demolition debris and hard knocks of a waste pile.

Undercarriage

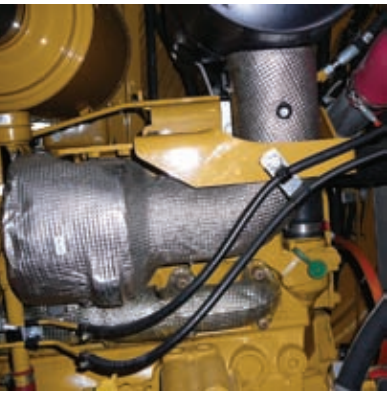
D7E waste handlers come with two undercarriage options, low ground pressure (LGP) or standard gauge. LGP machines provide flotation in soft underfoot conditions and stability on extreme slopes. The standard width option has greater compacting characteristics with the narrower shoe providing greater ground pressure.

Caterpillar offers a wide variety of shoes, but for landfill applications, recommends a trapezoidal hole shoe when working in trash. The design of this shoe allows it to shed waste that can otherwise cause accelerated internal track wear.

- Trapezoidal hole shoes with 24 inches/609.6 mm of width
- Trapezoidal hole shoes for low ground pressure configurations are 36 inches /914.4 mm wide.

Waste Handling Guarding and Seals

A commitment of long life and quality for our waste handling customers.



With a full line of waste handling equipment, Caterpillar has the experience and design know-how to keep machines running in waste. Cat Waste Handlers are designed with seals and guarding that are critical to the life of your investment and keeping the D7E productive in this application.

- Radiator Grill – heavy-duty guard protects the radiator, angled to deflect debris and hinged for convenient clean out.
- Radiator Grill Screen – tight mesh to prevent debris from entering coolers during reversing fan cleaning cycle
- Perforated and corrugated engine compartment doors safeguard cooling performance
- Rear striker bars – removes and prevents debris from traveling up the track, protecting the cab, fenders and fuel tank
- Idler and pivot shaft seal guards – prevent damage caused by wrapping wire or waste contaminants
- Chassis and bottom guarding against impact loads
- Fuel tank guarding also protects the hydraulic tank and battery box against puncture and contamination
- Dozer blade hydraulic line protection with a ring design that protects lines while shedding debris.
- Track guide guards provide track alignment on slopes
- Clamshell and Kevlar seals – new final drive seal protection comprised of heavy-duty cast guards, stepped labyrinths and Kevlar seals to protect final drives and their dual cone seals
- Cat Turbine Precleaner with screen – delivers clean air and provides longer filter life
- Thermal Shield Arrangement – lowers skin temperature of exhaust components and provides cooling to the turbo that protects bearings after shutdown.
- Black hood and lift cylinder cut glare during night shifts
- Solid bar handholds hold their form and offer three points of contact on and off the machine
- Chassis Sealing – extensive rubber, foam, and steel sealing components prevent debris from entering the engine and transmission compartments

Optional Waste Handling Attachment

Recommended Attachments for improved safety in landfill applications.

Following are features that are optional but can improve machine performance, life or operator comfort in waste applications.

- Trapezoidal hole shoe design allows debris to be extruded from the link box, reducing the risk of packing and chain stretching
- Front striker bars – deflects debris being carried up the front of the track when in reverse, reducing risk of cab damage
- Enhanced clean air module increases cab air pressure to keep dust out and provide additional air filtration, greatly increasing cab air filter life
- High intensity discharge lighting with additional lamps for optimum visibility under low light conditions
- Cab roof-mounted strobe light indicating the machine is operational
- Rear Vision Camera – allows the operator to see behind the machine from a cab-mounted display that is comfortable to use and promotes good visibility practices
- Cab door screens protect the lower half of the glass doors from demolition debris, while allowing good visibility to the blade

Work Tools

Application specific designs for dependable performance.

Caterpillar offers four landfill blades, ripper and winch options to meet site specific requirements.

Semi Universal Landfill Blade with Wear Plate

The semi universal blade is designed for high capacity loading, load retention and material penetration. For landfill applications, it carries a ½ inch wear plate on moldboard center sections and wings and an integrated 610 mm/24 inch trash rack. With the rack, this blade has a capacity of 14 cubic meters or 18.4 cubic yards.

Universal Landfill Blade with Wear Plate

The universal blade is designed with wings on each side of the blade to carry large loads, longer distances. With its unique cutting edge design, this blade is best suited to stockpile work in lighter material which makes it an excellent landfill blade. For landfill applications, it carries a ½ inch wear plate on moldboard center sections and wings and an integrated 610 mm/24 inch trash rack. With the rack, this blade has a capacity of 16.8 cubic meters or 22 cubic yards.

Straight Landfill Blade with Wear Plate

The straight blade is a smaller blade offering maneuverability and aggressive digging characteristics to the machine. It easily handles heavy or bank materials. For landfill applications, it carries a ½ inch wear plate on moldboard center sections and wings and an integrated 610 mm/24 inch trash rack. With the rack, this blade has a capacity of 10.9 cubic meters or 14.2 cubic yards.

Low Ground Pressure (LGP) Straight Blade with Wear Plate

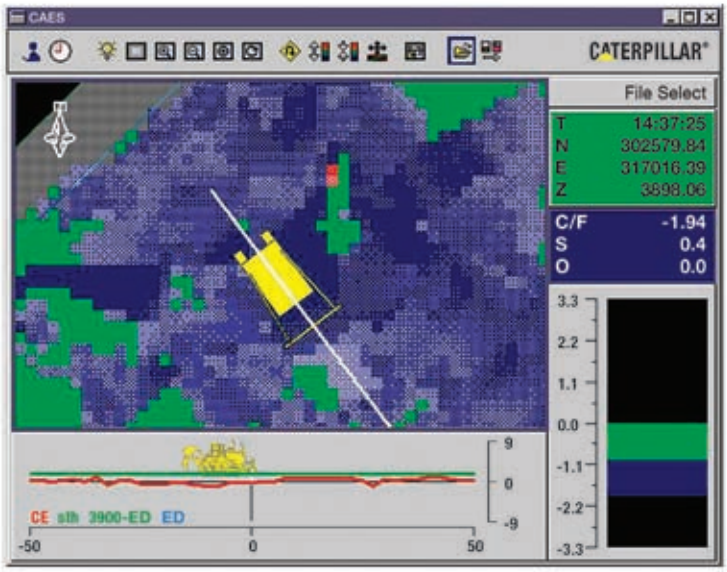
This straight blade is wider to accommodate the wider shoes of the LGP undercarriage. It easily handles heavy or bank materials. For landfill applications, it carries a ½ inch wear plate on moldboard center sections and wings and an integrated 610 mm/24 inch trash rack. With the rack, this blade has a capacity of 12.3 cubic meters or 16.1 cubic yards.

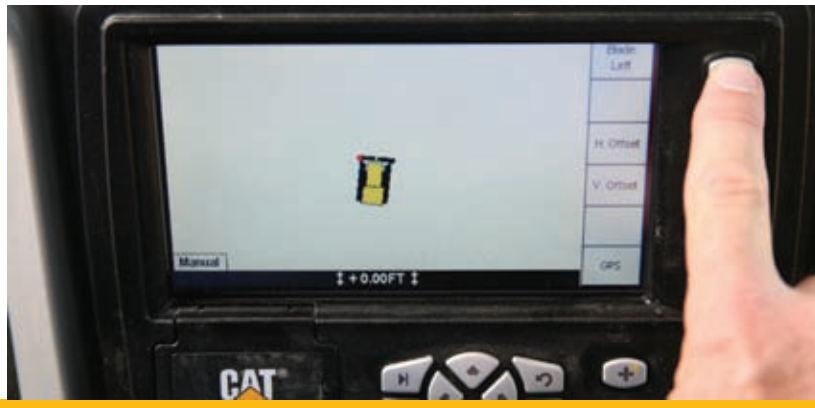
Ripper

Multi-shank rippers can make short work of excavating cover material or preparing for new cell construction. The D7E has cast-in ripper mounts allowing a ripper to be mounted quickly and easily.

Winch

A hydraulic winch with positive load control, variable speed and dual braking can pull trucks, equipment or debris with a single lever control in the cab.





Technology Solutions

Increasing operator efficiency while saving resources.

Are you interested in solutions that can help control your costs and improve the profitability of your business? What if you could put the day's plans in the cab with the operator allowing them to see real-time progress and remaining work or, conserve fuel by increasing the accuracy with which you move or place material? These are just some of the benefits of applying either AccuGrade or Computer Aided Earthmoving Systems (CAES) to your D7E Waste Handler.

AccuGrade

The AccuGrade system is designed and integrated into the machine and hydraulic systems to automate blade control or provide simple elevation guidance. Blade-mounted sensors calculate precise blade slope and elevation information. Integrated sensors and hydraulic components work together to automatically adjust the blade and maintain grade.

CAES

The Computer Aided Earthmoving System (CAES) is a high-technology landfill tool that allows machine operators to hold tighter grades/slopes, and conserve valuable cover soil without stakes and crews. Using Global Navigation Satellite System (GNSS) technology, machine mounted components, a radio network and office management software, this system delivers real-time information on an in-cab display.

Product Link

Cat Product Link enables convenient remote monitoring of equipment. Providing useable information to maximize landfill equipment uptime and reduce fleet owning and operating costs by monitoring machine health, service meter hours, idle time, fuel burn, utilization and much more.

Serviceability

Increase uptime by reducing service time.

The D7E redefines serviceability. With easy access to service points and increased servicing intervals, the D7E can significantly reduce total owning and operating costs.

- Service points are grouped on the left side of the machine for quick and easy routine maintenance.
- A tilt cab allows easy access to modular major components, such as generator, propulsion module, power electronics and hydraulics.
- A battery disconnect switch initiates safe shutdown of the electric drive system for maintenance.
- Longer service intervals on fluids and filters.
- Modular final drives can be easily accessed and serviced.
- The heating, ventilation and air conditioning (HVAC) system is self contained for improved performance, increased service intervals and ease of serviceability.
- Electric drive reduces maintenance requirements by eliminating belts, engine-mounted compressors, alternator, clutches and transmission control valves.
- Ground-level sight gauges provide quick and easy inspection of fluid levels.
- Maintenance-free, heavy duty batteries with disconnect switch.
- Remote electric priming pump and under-hood servicing light.
- Optional high-speed oil change system.
- Optional remote jumpstart receptacle.
- Cat Monitoring System.

Sustainability

Equipment solutions that conserve resources and the environment.

With Caterpillar, you have choices on creating a more sustainable work environment. Whether you choose Cat engines to produce electricity from landfill gasses, or technology solutions that allow you to work more efficiently, Caterpillar and its Dealers can support you.

The D7E is a perfect example of moving in the right direction. With its diesel-electric propulsion system, it contributes to better air quality as it emits fewer emissions by burning less fuel. Running at lower engine speeds, it has low sound levels for the operator and urban neighbors.

The D7E is designed for long life, and with rebuild options, and a full complement of guarding for waste applications, it will lower life cycle costs whether the machine has one, two or three lives. All of its steel parts are recyclable, and with the option of applying remanufactured parts, you can recycle more than just the plastic water bottles collecting in the cab.

Your Cat Dealer can help you select, finance, insure and support your business with equipment and services designed to help you, your business and our environment.

D7E Waste Handler Specifications

Engine

Engine Model	Cat® C9.3 ACERT™	
Gross Power	188 kW	252 hp
Bore	115 mm	4.5 in
Stroke	149 mm	5.9 in
Displacement	9.3 L	567 in^3
Net Power – ISO 9249	175 kW	235 hp
Net Power – SAE J1349	175 kW	235 hp
Net Power – EU 80/1269	175 kW	235 hp
Gross Power – ISO 14396	189 kW	253 hp
Net Power – Cat	175 kW	235 hp

- Ratings at 1,700 rpm.
- Net power advertised is the power available at the flywheel when engine is equipped with fan, air cleaner, and muffler.
- No derating required up to 2286 m (7,500 ft) altitude, beyond 2286 m (7,500 ft) automatic derating occurs.

Service Refill Capacities

Fuel Tank	409 L	108 gal
Fuel Tank, High Capacity	476 L	126 gal
Cooling System	87 L	22.5 gal
Engine Crankcase	30 L	8 gal
Power Train	60 L	16 gal
Final Drives (each)	34 L	9 gal
Final Drive (LGP each)	42 L	11 gal
Pivot Shaft Compartment	7 L	1.8 gal
Hydraulic Tank	76 L	20 gal

Weights

Operating Weight – WHA SU Blade	28 820 kg	63,537 lb
Operating Weight – WHA U Blade	29 016 kg	63,969 lb
Operating Weight – LGP WHA	30 900 kg	68,123 lb

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

Rippers

Type	Multi-Shank	
Number of Pockets	3	
Overall Beam Width	2088 mm	82.2 in
Beam Cross Section	355 mm	14 in
Maximum Clearance Raised (under tip, pinned in bottom hole)	588 mm	23.1 in
Maximum Penetration	650 mm	25.6 in
Maximum Penetration Force	8908 kg	19,639 lb
Pryout Force	23 902 kg	52,695 lb
Weight – with One Shank	1650 kg	3,572 lb
Each Additional Shank	150 kg	330 lb
Ramp Angle	26 Degrees	
Pocket Spacing	900 mm	35.4 in
Shank Gauge	1800 mm	70.9 in
Shank Section	72 mm × 228 mm 2.8 in × 9.0 in	

Standards

ROPS	SAE 1040, ISO 3471-1994/ ISO 3449-2005, SAE 5231
FOPS	SAE 1040, ISO 3471-1994/ ISO 3449-2005, SAE 5231
Sound	ANSI/SAE J1166 OCT 98
Brakes	ISO 10265 2008

- The operator sound exposure Leq (equivalent sound pressure level) measured according to the work cycle procedures specified in ANSI/SAE J1166 OCT 98 is 77 dB(A), and as measured by ISO 6396: 2008 is 73 dB(A), for cab offered by Caterpillar, when properly installed and maintained and tested with the doors and windows closed.
- Hearing protection may be needed when operating with an open cab (when not properly maintained or doors/windows open) for extended periods and noisy environment.
- The exterior sound pressure level for the standard machine measured at a distance of 15 meters according to the test procedures specified in SAE J88 APR 95, mid-gear-moving operation, is 80 dB(A).

Hydraulic Controls – Pump

Pump Output – Steering	312 L/min	82.4 gal/min
Pump Output – Implement	200 L/min	52.8 gal/min
Lift Cylinder Flow	190 L/min	42 gal/min
Ripper Cylinder Flow	190 L/min	42 gal/min
Pump Type	Piston, Variable Displacement	
Tilt Cylinder Flow – Head End Flow	93 L/min	24.6 gal/min
Tilt Cylinder Flow – Rod End Flow	66 L/min	17.4 gal/min

Hydraulic Controls – Main Relief Valve

Pressure Setting – Steering	27 600 kPa	4,000 psi

Hydraulic Controls – Maximum Operating Pressure

Bulldozer	27 600 kPa	4,000 psi
Tilt Cylinder	27 600 kPa	4,000 psi
Ripper (Lift)	27 600 kPa	4,000 psi
Ripper (Pitch)	27 600 kPa	4,000 psi
Steering	41 000 kPa	5,950 psi

Winch

Winch Model	PA90	
Weight	1520 kg	3,350 lb
Oil Capacity	12 L	3.2 gal
Winch and Bracket Length	1115 mm	93.9 in
Winch Case Length	1110 mm	43.7 in
Winch Case Width	826 mm	32.5 in
Increased Tractor Length – STD	1032 mm	93.9 in
Increased Tractor Length – LGP	1032 mm	93.9 in
Drum Diameter	318 mm	12.5 in
Drum Width	226 mm	8.9 in
Flange Diameter	610 mm	24 in
Drum Capacity – 24 mm (1 in)	62 m	203 ft
Drum Capacity – 29 mm (1.13 in)	56 m	185 ft
Ferrule Size (O.D. × Length)	60 mm × 65 mm 2.38 in × 2.56 in	
Winch Drive	Hydraulic	
Control	Electronic/Hydraulic	
Installed Weight	1520 kg	3,350 lb
Winch Length	1115 mm	43.9 in
Overall Width	1090 mm	43 in
Throat Clearance	218 mm	8.6 in
Rope Diameter (recommended)	25 mm	1 in
Cable Ferrule Size (O.D. × Length)	60 mm × 65 mm 2.38 in × 2.56 in	
Maximum Bare Drum Line Pull	40 800 kg	90,000 lb
Maximum Bare Drum Line Speed	21 m/min	70 ft/min
Maximum Full Drum Line Pull	25 800 kg	57,000 lb
Maximum Full Drum Line Speed	35 m/min	116 ft/min

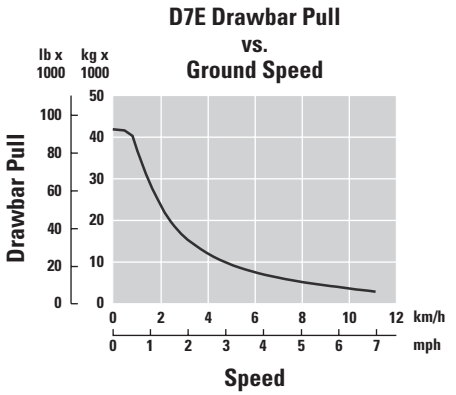
- Basic winch weight, mounting arrangement, hydraulic and electrical system weight.

Drive Train

Type	Electric Drive
AC Compressor Nominal Input Voltage	320 volts
AC Compressor Maximum Input Current	12 amps
Electric Water Pump System Nominal Input Voltage	320 volts
Electric Water Pump System Nominal Input Current	5 amps
AC Generator and Propulsion Module Voltage	480 volts

- Nominal current dependent on heat/humidity loading on HVAC unit.
- Measured with water pump operating speed of 4,400 rpm. Measurement is 1 amp with the water pump operating speed of 2,100 rpm.

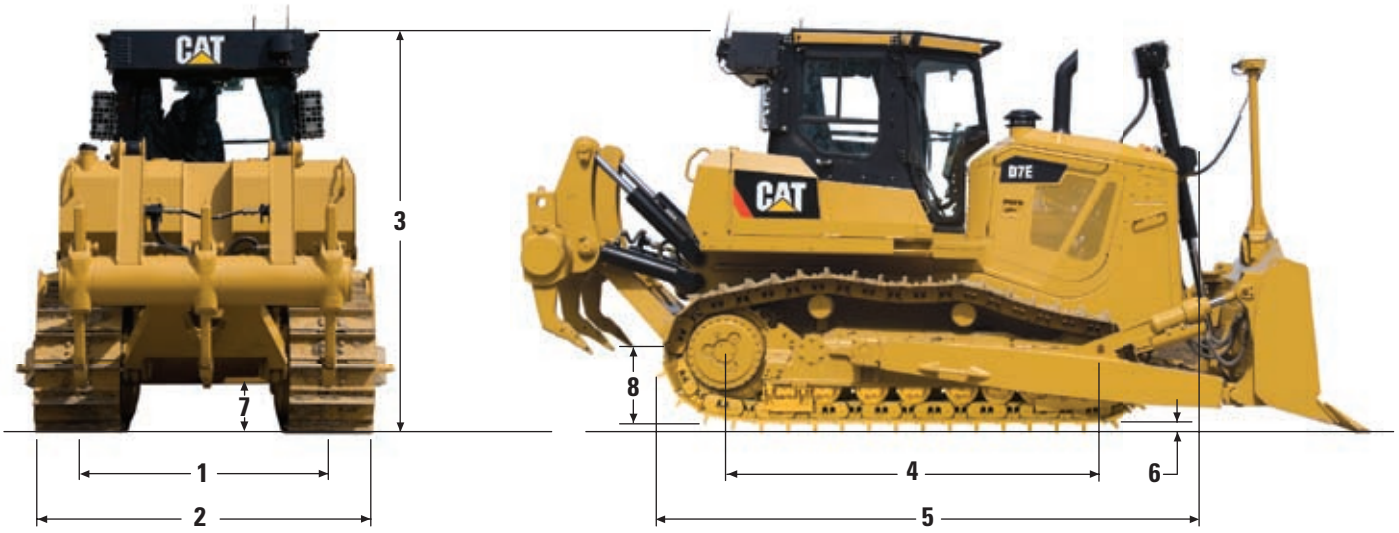
Drawbar Pull



D7E Waste Handler Specifications

Dimensions

All dimensions are approximate



		STD		LGP	
1	Track Gauge	1981 mm	78 in	2286 mm	90 in
2	Width of Tractor over Trunnions	2880 mm	113 in	3423 mm	135 in
	Width of Tractor without Trunnions (std. shoes)	2591 mm	102 in	3200 mm	126 in
3	Machine Height from Tip of Grouser				
	Top of Stack	3365 mm	132 in	3365 mm	132 in
	Top of Standard Cab	3392 mm	134 in	3392 mm	134 in
	From Ground Face of Shoe	3322 mm	131 in	3322 mm	131 in
4	Length of Track on Ground	3016 mm	119 in	3450 mm	136 in
5	Length of Basic Tractor	4608 mm	181 in	4608 mm	181 in
	With the following attachments add to basic tractor length:				
	Ripper (with tip at ground line)	1391 mm	55 in	N/A	
	Ripper (with tip fully raised)	1222 mm	48 in	N/A	
	Winch	1032 mm	41 in	1032 mm	41 in
	Drawbar	270 mm	10.6 in	270 mm	10.6 in
	S Blade	977 mm	38 in	N/A	
	SU Blade	1187 mm	47 in	N/A	
	U Blade	1425 mm	56 in	N/A	
	A Blade	1230 mm	48 in	1230 mm	48 in
6	Height of Grouser	70 mm	2.75 in	70 mm	2.75 in
7	Ground Clearance	472 mm	18.6 in	472 mm	18.6 in
	Ground Contact Area (std. shoes)	3.68 m^2	5,698 in^2	6.31 m^2	9,792 in^2
	Number of Shoes per Side	40		44	
	Standard Shoe Width and Type	610 mm	24 in	915 mm	36 in
		MS		MS	
	Ground Pressure	0.699 kg/cm^2	9.9 psi	0.446 kg/cm^2	6.3 psi
	Pitch	215.9 mm	8.5 in	215.9 mm	8.5 in
	Track Rollers/Side	7		8	
	Number of Carrier Rollers	2		2	
8	Drawbar Height (grouser tip to center of clevis)	719 mm	28 in	719 mm	28 in

Bulldozer Specifications

Blade		7S	7SU	7U	7S LGP
Blade Capacity (SAE J1265)*	m^3	10.9	14	16.8	12.3
	yd^3	14.2	18.4	22	16.1
Width (over end bits)	mm	3904	3713	3988	4545
	ft	12.81	12.18	13.08	14.91
Height	mm	1363	1524	1553	1343
	ft	4.5	5	5.1	4.4
Digging Depth	mm	586	586	586	644
	in	23.1	23.1	23.1	25.4
Ground Clearance	mm	1108	1108	1108	1264
	in	43.6	43.6	43.6	49.8
Maximum Tilt	mm	1045	987	1085	785
	in	41.1	38.9	42.7	30.9
Weight**	kg	4200	4380	4540	3860
	lb	9,240	9,636	9,988	8,492

* Capacities calculated with a trash rack installed.

** Weight includes cylinder mounting, lift cylinder and lines, blade, push arms, trunnions, and cylinder lines (Tilt).

Undercarriage

Type	Heavy Duty/SystemOne Undercarriage			
Configuration	STD		LGP	
Number of Rollers (each side)	7		8	
Number of Shoes (each side)	40		44	
Pitch	216 mm	8.5 in	216 mm	8.5 in
Shoe Width	610 mm	24 in	915 mm	36 in
Grouser Height (MS)	70 mm	2.75 in	70 mm	2.75 in
Length of Track on Ground (Heavy Duty)	3016 mm	119 in	3450 mm	136 in
Length of Track on Ground (SystemOne)	3021 mm	119 in	3455 mm	136 in
Track Gauge	1981 mm	78 in	2286 mm	90 in
Ground Contact Area (Heavy Duty)	3.68 m^2	5,698 in^2	6.31 m^2	9,792 in^2
Ground Pressure (Heavy Duty)	69.9 kPa	9.9 psi	44.6 kPa	6.3 psi
Ground Clearance	472 mm	18.6 in	472 mm	18.6 in

D7E WH Standard Equipment

Standard equipment may vary. Consult your Cat dealer for details.

ELECTRICAL
Accessory Power Converter (APC)
Alarm, Backup
Batteries, Heavy Duty
Converter, 24V to 12V, 10 Amp
Heater, Engine Coolant, 120V
Horn, Forward Warning
Product Link

OPERATOR ENVIRONMENT
Air Suspension Seat
Armrest, Adjustable
Bidirectional Shift Switch
Center Post Cab, ROPS/FOPS
Continuously Variable Speed Control
Differential Steering
Electro-Hydraulic Controls
Electronic Monitoring System
Foot Supports, Dash
Hour Meter, Electronic
Machine Isolation, Operator Presence
Mirror, Rearview
Modular HVAC, Cab Mounted
Radio Ready, 12V
Seat Belt, Retractable 3" (76 mm)
Speed Recall Button
Throttle Dial, Electronic
Tilt Cab and Tilt Cab Jack
Travel Control Pedal
Wipers, Intermittent

POWER TRAIN
Aftercooler
Air Cleaner, precleaner with strata tube dust ejector
C9.3 ACERT Engine
Continuously Variable Speed Transmission
Coolant, Extended Life
Drains, Ecology, Power Train
Electronic Air Cleaner Service Indicator
Fan, Hydraulically Driven Demand
Final Drives, Double Reduction
Fuel Priming Pump, Electronic
Muffler
Parking Brake, Electronic
Prescreener
Starting Aid, Ether
Turbocharger, Wastegated
Water Separator

UNDERCARRIAGE
Heavy Duty Track (610 mm/24" MS)
Heavy Duty Track (914 mm/36" MS) (LGP)
Guards, End Track Guiding
Idler Guards
Master Link
Rollers and Idlers, Lifetime Lubricated
Sprocket Rim Segments, Replaceable
Track Adjusters, Gas Spring Recoil, Grease Track Adjust

OTHER STANDARD EQUIPMENT
CD ROM Parts Book
Engine Enclosures, Perforated
Front Tow Hook
Grade Control Ready
Guards, Hinged Bottom
Hood, Perforated
Hydraulics, Load Sensing, Dozer Lift and Tilt
Oil Cooler, Hydraulic
S•O•S℠ Sampling Ports
Radiator Doors, Louvered, Double Hinged
Vandalism Protection for Fluid Compartments and Battery Box

D7E WH Optional Equipment

Optional equipment may vary. Consult your Cat dealer for details.

610 mm, 660 mm, 914 mm (24", 26", and 36") Track Pads
AccuGrade Ready Installation Arrangement
Black Hood and Back of Blade
Cold Weather Attachments
Engine Coolant Heater, 240 V
Enhanced Clean Cab
Fast Fuel
Final Drive Clamshell Guards
Final Drive Flange Protection
Front and Rear Screens
Heated Seat
Heavy Duty Grill Door, Hinged
Lights
Basic (6) Lights
Premium (10) HID Lights
Multi-shank Ripper and Ripper Hydraulics
Power Train Oil Change System
Rear Vision Camera
Reversible Fan
Sound Suppression (Europe)
SU (Semi-universal), U (Universal), (S) Straight, and Angle Blades
Sweeps (without canopy)
SystemOne Undercarriage
Track Guide Guards
Turbine Precleaner
Waste (Landfill) Arrangements
Winch Arrangement (PACCAR PA90)
Winch Hydraulics
Woodchip Arrangement

Notes

Notes

D7E Waste Handler

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

AEHQ6121 (05-2010)

CATERPILLAR®