

D9T

Dozer



Engine

Engine Model	Cat® C18 ACERT™	
Emissions	U.S. EPA Tier 2/EU Stage II Equivalent U.S. EPA Tier 3/EU Stage IIIA Equivalent	
Net SAE J1349/ISO 9249	306 kW	410 hp

Weights

Operating Weight	47 872 kg	105,539 lb
Shipping Weight	35 746 kg	78,806 lb

Helping you get more done at the lowest cost per unit of material moved.

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The durable construction of the D9T is well suited for tough working conditions. It has excellent productivity, optimal operator comfort and robust reliability. Today's D9T will help you meet your business objectives every day.

Mainframe Strength – Built to Last

Helping you get more done with maximum availability, the D9T's durable design makes repair and maintenance easy. Customers can rebuild these tractors several times using the same frame with only minor repairs. With unparalleled support from Cat dealers it is not unusual for a Cat large dozer to log more than 100,000 hours.

- The D9T mainframes are built to absorb high impact shock loads and twisting forces encountered during severe dozing and ripping applications.
- The main case, equalizer bar saddle, and front cross member are heavy duty steel castings incorporated into highly loaded areas of the mainframe to improve stress distribution for improved durability.
- Top and bottom rails are made from continuous rolled sections, providing superior mainframe durability.
- The main case elevates the final drives well above the ground level work area to protect them from impact loads, abrasion and contaminants.
- The pivot shaft and pinned equalizer bar maintain track roller frame alignment and allow the roller frame to oscillate for smoother ride.

Tag-Link

Tag-Link blade mounting brings the blade closer to the machine for excellent maneuverability, machine balance and blade penetration. This design also eliminates the need for diagonal bracing by transferring side loads to the mainframe, instead of the dozer push arms.



Structures

Engineered for maximum production and service life.



Equalizer Bar End Pins

Proper grease lubrication on working surfaces can significantly extend component life and help lower maintenance cost.

- Remote lubrication is performed from a service point conveniently located on the left hand side of the engine compartment and allows an operator or service technician to lubricate both the left-hand and right-hand equalizer bar end pin bearings and pins from one service point.

C18 Engine with ACERT Technology

Power and reliability to help you move more.

C18 ACERT

Performing at full-rated net power of 306 kW (410 hp), the large displacement and high torque rise allow the D9T to rip through tough material. Matched to the high-efficiency torque converter and electronically controlled power shift transmission, it will provide years of reliable service.

ADEM™ A4 Engine Controller

Manages fuel delivery for optimal performance per liter (gallon) of fuel used. Provides flexible fuel mapping, allowing the engine to respond quickly to application needs. Tracks conditions and keeps engine operating at peak efficiency.

Air-to-Air Aftercooling and Airflow

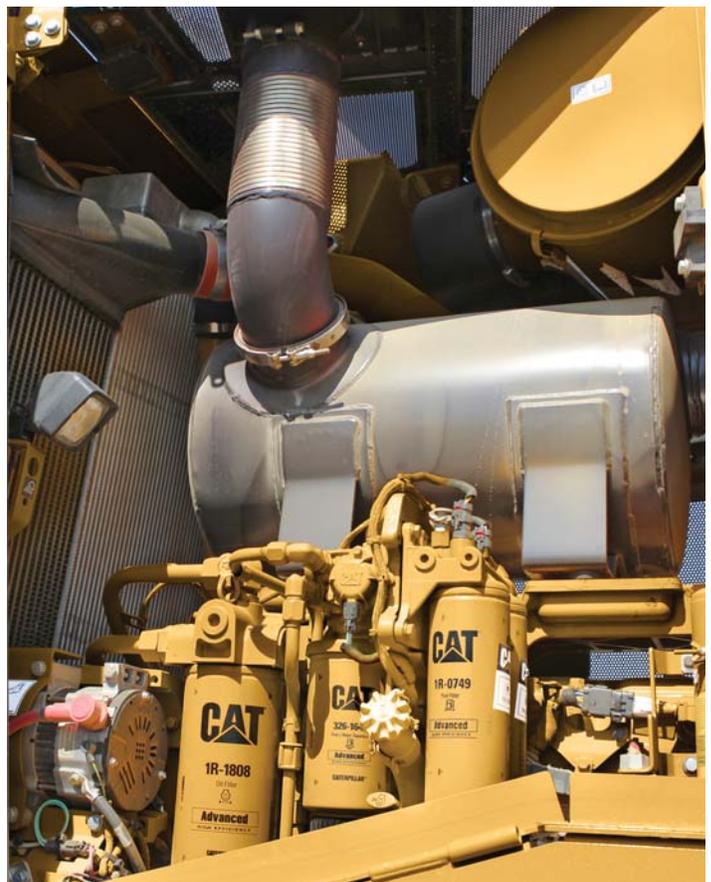
Air-to-air aftercooling keeps air intake temperatures down and, in concert with the tight tolerance combustion chamber components, maximizes fuel efficiency and minimizes emissions. Significant improvements in air flow are generated by a water-cooled turbocharger, unique cross-flow head and single overhead cam.

Fuel Heater (optional)

Uses the temperature of the engine coolant to warm the cold fuel coming directly from the tank. The fuel heater allows an easier transition to winter blended fuels during season changes.

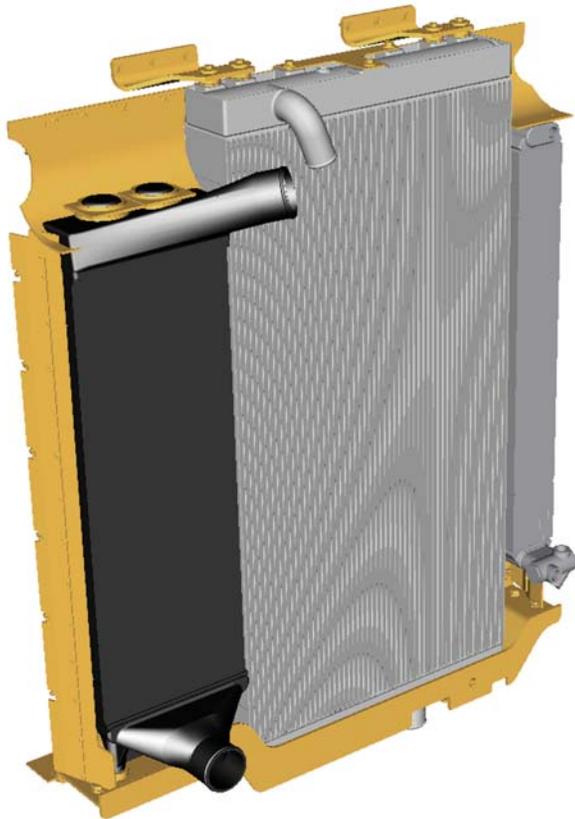
High Altitude Arrangement (optional)

The attachment provides an updated turbo and control software that allows full tractor performance up to 4420 m (14,500 ft) altitude.



Cooling System

Superior cooling keeps you moving in the most demanding work conditions.



Aluminum Bar Plate Radiator – 6 Fins Per Inch (fpi)

Cooling system uses a radiator built with rugged, highly efficient aluminum bar plate cores. The aluminum bar plate construction aids durability and allows for higher heat transfer and superior corrosion resistance.

Hydraulic Oil to Air Cooler

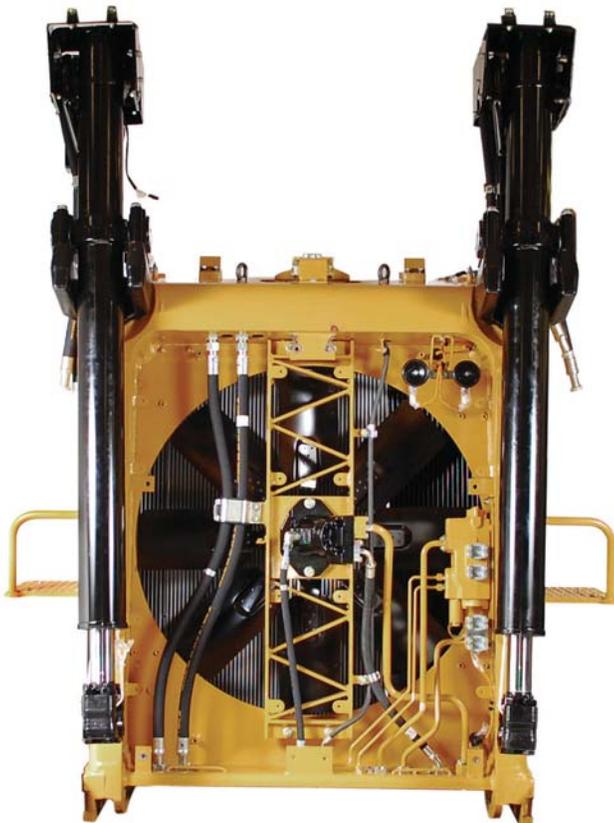
Helping to save on repair and maintenance costs, the oil to air hydraulic cooler helps extend component life by reducing hydraulic oil temperatures.

Hydraulically Variable, Demand Fan

Customers experience increased production and fuel economy as well as reductions in fan noise and engine over cooling with the hydraulically variable demand fan. The demand fan changes speed to match ambient conditions. In cooler environments, the fan turns at a slower speed; consuming only the power required to cool the tractor system, providing more power to the tracks to help you lower your cost per unit of material moved.

Attachments

- Reversing cooling fan for heavy debris applications with ultra low speed for cold weather.





Power Train

Power and control to efficiently move your material.

High Availability Is Key

Major power train components are modular in design, so being able to quickly remove and reinstall a new pre-tested component gives you the ability to keep the dozer up and running and producing.

Planetary Powershift Transmission

- Three speeds forward and three speeds reverse, utilizing large diameter, high capacity, oil-cooled clutches.
- Oil-to-water cooler for maximum cooling capacity.
- Forced oil flow lubricates and cools clutch packs to provide maximum clutch life.
- Modular transmission and bevel gear slide into rear case for easy servicing, even with ripper installed.

Power Turn with Differential Steering

With differential steering, large blade loads can be smoothly maneuvered throughout a turn.

- Differential steering has the ability to work in tight areas by providing a tight turning radius.
- Differential steering maintains a high ground speed while turning keeping productivity high.

The D9T power train design optimizes performance and the ease of operation helps customers get more done for the lowest cost per unit.

Torque Converter

A high efficiency torque converter with fixed stator provides high torque multiplication while shielding the drive train from sudden torque shocks and vibration.

Enhanced Autoshift (EAS)

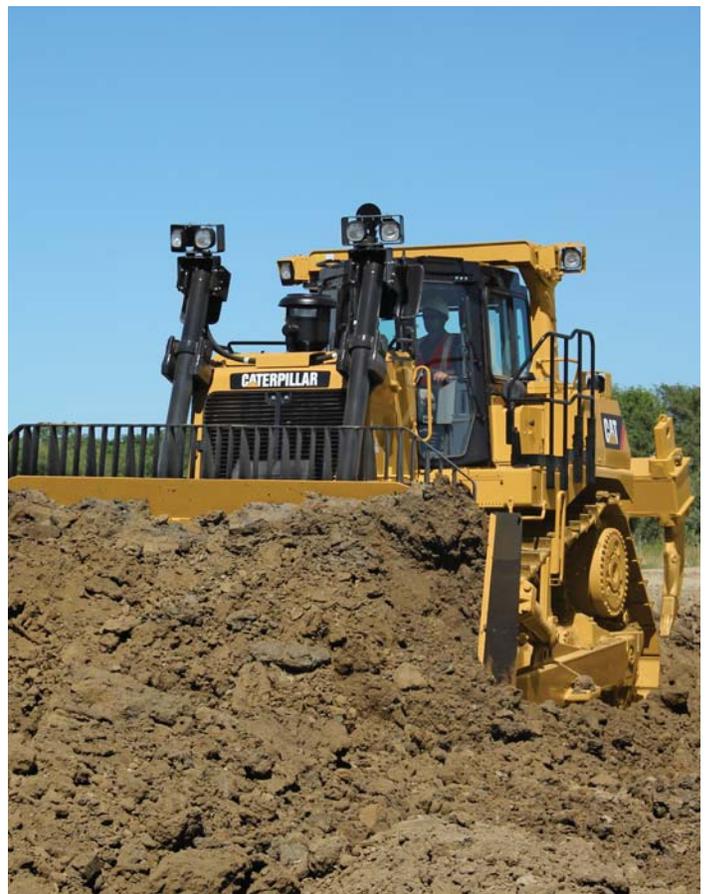
A standard feature for the D9T is EAS. EAS improves fuel efficiency and productivity by automatically selecting the optimal gear and engine speed combination based upon power train load and desired ground speed. This feature functions similar to an automatic transmission.

Bi-directional Shift

This convenience feature helps reduce operator work load during operation. Bi-directional shift allows the operator, by just making a directional change, to automatically select the desired forward and reverse gears or the desired forward and reverse speeds when EAS is activated.

Auto Downshift

This feature adds value by enhancing safety and productivity during the dozing cycle. When not in EAS mode, auto downshift can be used to automatically downshift the transmission when significant load increases are detected, but this feature will not automatically up-shift when load is reduced. Auto downshift provides optimal performance with minimal operator effort. The operator may override these automatic shift features at any time.



Undercarriage

Designed for optimized machine balance and best performance at your site.



The elevated sprocket and fully suspended undercarriage work together, increasing traction while creating a smoother ride for your operators. The elevated sprocket design transfers impact loads to the mainframe, so final drives, axles and steering components are isolated from harsh impacts. These benefits translate into higher production and longer component life.

- Bogie Suspension allows the track to conform to ground condition, providing up to 15% more ground contact, especially in hard, uneven terrain. Higher traction means less slippage, better balance, and a smoother ride.
- Roller frames are tubular to resist bending and twisting, with added reinforcement where operating loads are highest.
- The undercarriage idler guard provides additional wear protection from abrasive material to the moving undercarriage. Includes rubber idler protectors.
- Positive Pin Retention (PPR) sealed and lubricated track is designed for high-impact and high load applications. The Caterpillar design locks the link to the pin reducing the opportunity for premature loss of lubrication. Sealed design permanently coats the track pin with lubricant, minimizing metal-to-metal contact and virtually eliminating internal pin and bushing wear.



Work Tools

Provide flexibility to match the machine to your job.

Bulldozers

All blades feature a strong box-section design that resists twisting and cracking. Blades are made of high tensile strength steel that stands up to the most demanding applications.

- **High-Capacity Universal Blade** – Maximizes capacity for moving big loads over long distances.
- **Semi-Universal Blade** – Built for tough applications where penetration is important.
- **Optional Dual Tilt** – Allows the operator to optimize the blade pitch angle.
- **Cutting Edges and End Bits** – Cutting edges are made of DH-2 steel. End bits are made of DH-3™ steel for maximum service life. For extremely severe applications, moldboard wear plates, extended wear life end bits and cutting edges are available.
- **Cat Work Tools** offer a range of special application blades, including coal stockpile blade, landfill blade, cushion dozer blade, reclamation blades and wood chip blade.



Rippers

- **Single-Shank Ripper** – Built for the tough ripping conditions and greater ripping depth. Operator can adjust the shank depth from the seat using an optional single-shank pin puller. Large one piece shank, available in deep rip configuration.
- **Multi-Shank Ripper** – Generally for lighter duty ripping applications in less severe materials. Provides high levels of productivity. Tailors the tractor to the material by using one, two or three shanks.

CapSure™ Hammerless Ripper Tip and Shank Protector Retention System

The tip and shank protector are easily installed with a 180 degree turn of a ¾ inch ratchet. This simple installation means no hammering and therefore improved safety. It also means quicker change outs and less downtime.

Rear Counterweights

Provide proper tractor balance to maximize dozing production.

Recommended if dozer is not equipped with any other rear attachment.

Operator Station

Designed for your comfort, convenience, and productivity.



The D9T cab is designed and equipped for operator productivity, safety and comfort. The standard isolation-mounted cab reduces noise and vibration. Overall operator sound levels have been reduced by 2 dB(A).

Large windows, tapered hood, and notched fuel tank provide excellent visibility to all sides of the machine and around the job site.

The Advisor Monitoring System tracks machine operating conditions in real time.

Operators will enjoy comfort features like standard Cat Optimized Seat, adjustable arm rests and automatic climate control. The climate control system automatically adjusts heater and air conditioning controls to maintain a consistent cab temperature throughout the day. Both heater and air conditioner deliver filtered, pressurized, temperature controlled air to the operator and/or windows. The system performs five functions: heating, cooling, defrosting, pressurizing and defogging.

Additional cab features include:

- Entertainment radio ready and IPOD/MP3 player ready
- Communications radio mounting
- Finishes that make the cab easy to clean
- Heated and ventilated seat option
- Deep storage space
- Two cup holders
- Window wipers (intermittent, low and high speeds)



Implement and Steering Controls

Ergonomically designed for ease of operation.



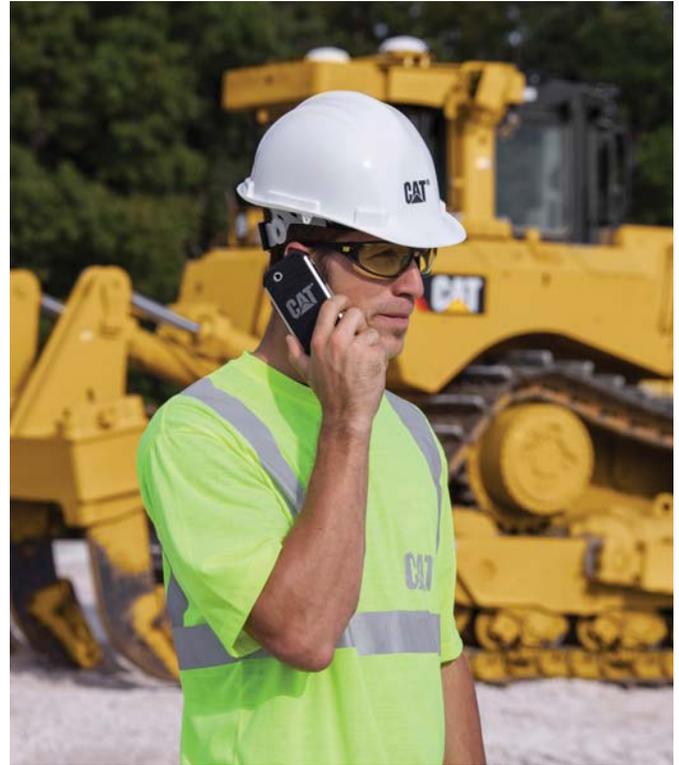
- A single ergonomic handle with a thumb roller controls direction, turning, forward/reverse shifting and gear selection. Tiller style control helps you work more precisely in tight spaces.
- One touch of the throttle rocker switch automatically adjusts engine speed to high or low idle. The operator can press and hold until desired engine speed is reached, then release for the machine to maintain the new chosen speed.
- A low-effort electronic dozer control handle gives the operator complete control of all dozer functions with one hand.
- The ripper control handle is located to the operator's right, directly behind the dozer joystick. A rigidly mounted hand grip provides firm support for the operator even when ripping in the roughest terrain.

Integrated Technologies

Monitor, manage, and enhance job site operations.

No matter the job; whether you work in heavy construction, medium commercial sites, mine sites, or landfills Caterpillar integrates technology and services to improve your job site efficiency. Using the data from technology-equipped machines, you'll get more information and insight into your equipment and operations than ever before.

- **Auto Blade Assist (ABA) (optional)** – Increases efficiency while reducing operator workload. ABA makes use of preset blade pitch positions for the load, carry, and spread portions of the cycle. ABA is standard on the D9T when it is equipped with optional dual tilt. Works with AutoCarry™.
- **AutoCarry (optional)** – Automates blade lift to maintain desired blade load, improve load consistency, reduce track slip, and reduces operator fatigue. Works seamlessly with Cat Grade Control.
- **Cat Grade Control 3D (optional)** – The system uses dual ROPS mounted Global Navigation Satellite System (GNSS) antennas and in-cylinder sensors to provide precise positioning of the cutting edge. Three operating modes – Rough Grade, Grade Protection, and Grade Control – enable consistent grades.
- **Cat AccuGrade™ (optional)** – AccuGrade is a dealer-installed aftermarket grade control system that provides higher accuracy capabilities by adding laser and GPS technology when required.
- **Terrain for Grading (optional)** – Enables an electronic site plan to be sent to the machine from the office in real-time, directing the operator where to cut and fill. Provides high precision management of dozing and grading applications for enhanced safety, productivity and efficiency.
- **Automatic Ripper Control (optional)** – Automatically controls ripper height to limit track slip in hard ripping applications. Lessens fatigue so operator can focus on the job. Reduces machine and component wear, and operating costs.



Safety

Focused on keeping everyone safe.



Anchorage Points

On the D9T, anchorage points provide your people with a positioning system to perform repairs and maintenance. The D9T consist of eight (8) total anchorage points.

- Two (2) on lift cylinder spray shields
- Two (2) on front top of cab
- Four (4) on ROPS structure

Operator Not Present Monitoring System

This feature locks out the power train and hydraulics to prevent unintentional movement when the operator is not in the seat.

Heavy Duty Steps and Handles

Strategically placed grab handles plus non-slip steps and decking aid operator getting on and off the machine.

Fender Guard Rails

Standard heavy duty guard rails are strategically placed to aid the operator outside the cab.

Lighting Packages

The D9T offers several lighting package options to enhance the operators' view of their surroundings during night operation.

- Halogen
- High Intensity Discharge (HID)
- Cat Light Emitting Diode (LED) Work Lights

Visibility Packages

The D9T offers multiple visibility package options that enhance the operator's visibility of his or her surroundings and provides a broader view of the work area.

- Mirror in cab
- Mirrors on bulldozer lift cylinders
- Single rear facing camera with 7" display



Serviceability

Reduce service time to increase your uptime.

You will benefit from high uptime and lower upkeep costs with the reliable D9T. The modular design supports efficient servicing and quick turnaround on repairs. Through the ability to swap out a component with a pretested rebuilt or remanufactured unit, the D9T returns to the job faster.

Serviceability

Minimizes maintenance and repair downtime. Sight gauges, filter locations, improved access to oil and coolant sampling ports, and an engine compartment mounted work lamp, make daily and periodic service faster and easier.

Ground Level Service Center

Is mounted on the left hand fender to provide easy access to:

- Access/ Egress lighting switch
- Electrical disconnect switch with built in lockout/tag-out capability
- Engine shutdown switch
- Hour meter

Ok-to-Start

The Ok-to-Start strategy provides electronic fluid level verification at startup on the engine coolant, engine oil and power train oil systems. All information is available via the Advisor Display within the cab.

Fast Fuel System

The fast fuel system at ground level, with positive fuel shut-off to prevent fuel spillage, can reduce fuel waste and decrease downtime.



VIMS™ 3G

This system gathers historical trends, histograms, events and more through a wired connection for off-board analysis in applications such as VIMS PC. Additional subscription is required.

Product Link™/VisionLink®

Product Link enables the remote transmission of information about the location, operation, and condition of your equipment. Efficiently and effectively monitor performance of your assets to help keep your jobs on schedule, maintain equipment condition, and reduce the costs of owning and operating your fleet.

Sustainability

Thinking about your legacy for future generations.

The D9T offers a number of sustainable benefits:

- The D9T is Grade Control Ready for easy installation of machine control and guidance systems like AccuGrade and Cat Grade Control 3D. These systems improve operator productivity, as well as save fuel and wear and tear on the machine. The need for grade checking crews on the ground is eliminated which increases site safety.
- Ground level service centers enhance safety for operators and service personnel.
- Major components of Cat dozers are built to be rebuilt. The Cat Certified Rebuild program conserves natural resources by delivering a cost effective second and even third, life for our machines.



Customer Support

Your Cat dealer knows how to keep your machines moving.



Legendary Cat Dealer Support

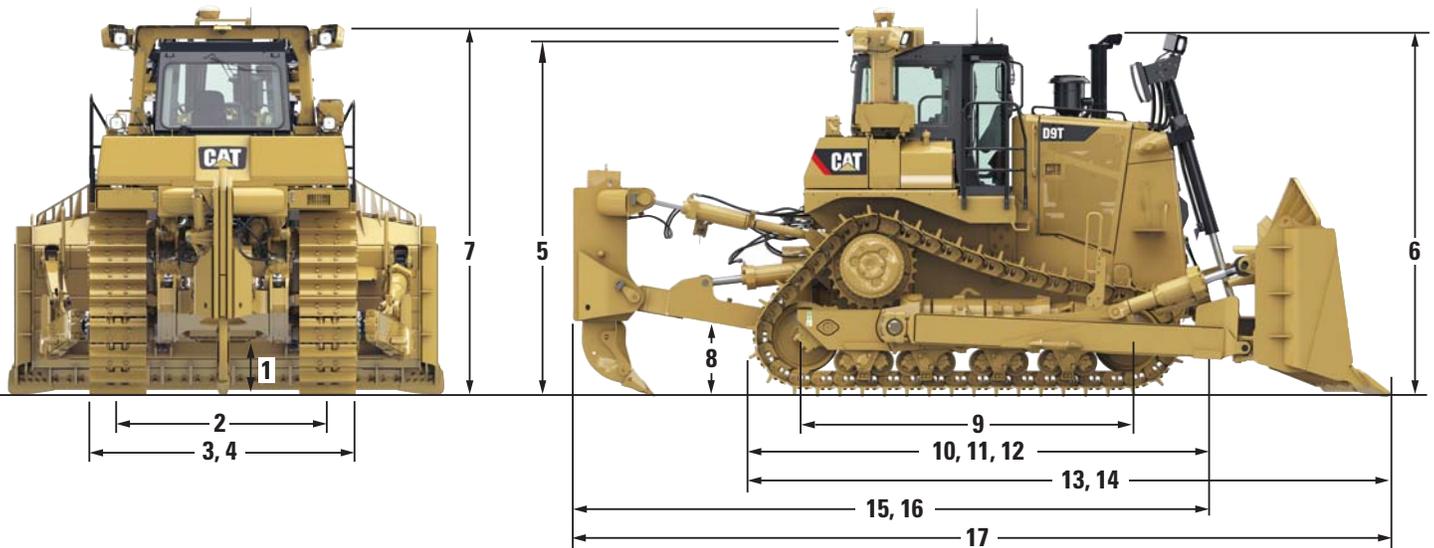
From helping you choose the right machine to knowledgeable ongoing support, Cat dealers provide you with unmatched sales and service.

- Preventive maintenance programs and guaranteed maintenance contracts.
- Best-in-class parts availability.
- Operator training to help boost your profits.
- Genuine Cat Remanufactured parts.

D9T Dozer Specifications

Dimensions

All dimensions are approximate.



1 Ground Clearance*	596 mm	23.4 in
2 Track Gauge	2250 mm	88.6 in
3 Width without Trunnions (Standard Shoe)	2880 mm	113.4 in
4 Width over Trunnions	3300 mm	129.9 in
5 Height (FOPS Cab)*	3820 mm	150.4 in
6 Height (Top of Stack)*	3919 mm	154.3 in
7 Height (ROPS/Canopy)*	4000 mm	157.5 in
8 Drawbar Height (Center of Clevis)*	763 mm	30.0 in
9 Length of Track on Ground	3470 mm	136.6 in
10 Overall Length Basic Tractor	4910 mm	193.3 in
11 Length Basic Tractor with Drawbar	5180 mm	204.0 in
12 Length Basic Tractor with Winch	5545 mm	218.3 in
13 Length with SU-Blade**	6880 mm	270.9 in
14 Length with U-Blade	6967 mm	274.3 in
15 Length with Single-Shank Ripper	6529 mm	257.0 in
16 Length with Multi-Shank Ripper	6538 mm	257.4 in
17 Overall Length (SU-Blade/SS Ripper)	8230 mm	324.0 in

*Includes grouser height for total dimensions on hard surfaces.

**Includes drawbar.

Engine

Engine Model	Cat C18 ACERT	
Bore	145 mm	5.7 in
Stroke	183 mm	7.2 in
Displacement	18.1 L	1,106 in ³
Engine Power		
Gross SAE J1995*	334 kW	448 hp
ISO 14396	329 kW	441 hp
Net SAE J1349/ISO 9249	306 kW	410 hp

* Excludes all fan losses.

- Engine ratings apply at 1,833 rpm.
- Net power advertised is the power available at the flywheel when the engine is equipped with fan at max speed, air cleaner, muffler and alternator.
- No derating required up to 2286 m (7,500 ft) altitude. High altitude attachment available for greater than 2286 m (7,500 ft).

Service Refill Capacities

Fuel Tank	889 L	235 gal
Cooling System	101 L	26.7 gal
Engine Crankcase*	34 L	9 gal
Power Train	164 L	43.3 gal
Final Drives (each)	15 L	3.9 gal
Roller Frames (each)	45 L	11.9 gal
Pivot Shaft Compartment	30 L	7.9 gal
Hydraulic Tank Oil (only)	89 L	23.5 gal

* With oil filters.

Weights

Operating Weight	47 872 kg	105,539 lb
Shipping Weight	35 746 kg	78,806 lb

- **Operating Weight:** Includes hydraulic controls, blade tilt cylinder, coolant, lubricants, full fuel tank, ROPS, FOPS cab, SU-Blade, Single-Shank Ripper, 610 mm (24 in) ES shoes, and operator.
- **Shipping Weight:** Base machine chassis with cab, pivot shaft, roller frames, track and ROPS.

Undercarriage

Shoe Type	Extreme Service	
Width of Shoe	610 mm	24 in
Shoes/Side	43	
Grouser Height	84 mm	3.3 in
Pitch	240 mm	9.44 in
Ground Clearance	596 mm	23.5 in
Track Gauge	2250 mm	88.6 in
Length of Track on Ground	3470 mm	136.6 in
Ground Contact Area	4.24 m ²	6,569 in ²
Track Rollers/Side	8	
Number of Carrier Rollers	1 per side (optional)	

- Positive Pin Retention Track.

Hydraulic Controls

Pump Type	Piston-type pump geared from flywheel	
Pump Output (Steering)	387 L/min	102 gal/min
Pump Output (Implement)	226 L/min	60 gal/min
Tilt Cylinder Rod End Flow	140 L/min	37 gal/min
Tilt Cylinder Head End Flow	188 L/min	50 gal/min
Bulldozer Relief Valve Setting	26 200 kPa	3,800 psi
Tilt Cylinder Relief Valve Setting	19 300 kPa	2,800 psi
Ripper (Lift) Relief Valve Setting	26 200 kPa	3,800 psi
Ripper (Pitch) Relief Valve Setting	26 200 kPa	3,800 psi
Steering	40 500 kPa	5,875 psi
Tank Capacity	89 L	23.5 gal

- Steering Pump output measured at 1,800 rpm and 30 000 kPa (4,351 psi).
- Implement Pump output measured at 1,800 rpm and 20 000 kPa (2,900 psi).
- Electro-hydraulic pilot valve assists operations of ripper and dozer controls. Standard hydraulic systems includes four valves.
- Complete system consists of pump, tank with filter, oil cooler, valves, lines, linkage and control levers.

D9T Dozer Specifications

Transmission

1 Forward	3.9 km/h	2.4 mph
2 Forward	6.8 km/h	4.2 mph
3 Forward	11.7 km/h	7.3 mph
1 Reverse	4.7 km/h	2.9 mph
2 Reverse	8.4 km/h	5.2 mph
3 Reverse	14.3 km/h	8.9 mph
1 Forward – Drawbar Pull	716 500 N	161,000 lbf
2 Forward – Drawbar Pull	400 500 N	90,000 lbf
3 Forward – Drawbar Pull	222 500 N	50,000 lbf

Blades

Type	9SU	
Capacity (SAE J1265)	13.5 m ³	17.7 yd ³
Width (over end bits)	4310 mm	14 ft 2 in
Height	1934 mm	6 ft 4 in
Digging Depth	606 mm	23.9 in
Ground Clearance	1422 mm	56 in
Maximum Tilt	940 mm	37 in
Weight* (without hydraulic controls)	6863 kg	15,130 lb
Total Operating Weight** (with Blade and Single-Shank Ripper)	47 872 kg	105,539 lb

Type	9U	
Capacity (SAE J1265)	16.4 m ³	21.4 yd ³
Width (over end bits)	4650 mm	15 ft 3 in
Height	1934 mm	6 ft 4 in
Digging Depth	606 mm	23.9 in
Ground Clearance	1422 mm	56 in
Maximum Tilt	1014 mm	39.9 in
Weight* (without hydraulic controls)	7388 kg	16,288 lb
Total Operating Weight** (with Blade and Single-Shank Ripper)	48 460 kg	106,836 lb

* Includes blade installation arrangement, blade tilt cylinder, and blade lift cylinders.

** **Total Operating Weight:** Includes hydraulic controls, blade tilt cylinder, coolant, lubricants, full fuel tank, ROPS, FOPS cab, Blade, Single-Shank Ripper, 610 mm (24 in) ES shoes, and operator.

Winches

Winch Model	PA140VS	
Weight*	1790 kg	3,950 lb
Oil Capacity	15 L	4 gal
Increased Tractor Length	557 mm	21.9 in
Drum Width	320 mm	12.6 in
Wire Cable Diameter		
Recommended	28 mm	1.13 in
Optional	32 mm	1.25 in
Maximum Drum Capacity		
Recommended Cable Length	78 m	257 ft
Optional Cable Length	62 m	204 ft
Wire Cable Ferrule Size – Outside Diameter	60 mm	2.4 in
Wire Cable Ferrule Size – Length	70 mm	2.8 in

• Variable speed, hydraulically driven, dual braking system, three-roller fairlead.

* Weight shown is base winch only. Does not include mounting arrangement, control arrangement, oil, or wire rope. With counterweight: 3700 kg (8,150 lb).

Rippers

Type	Adjustable Parallelogram Single-Shank Standard/Deep	
Overall Beam Width	NA	
Number of Shank Holes	3	
Maximum Clearance Raised (under tip, pinned in bottom hole)	882 mm/ 817 mm	34.7 in/ 32.2 in
Maximum Penetration (standard tip)	1231 mm/ 1727 mm	48.5 in/ 68 in
Maximum Penetration Force (shank vertical)	158 kN/ 172 kN	35,520 lbf/ 38,667 lbf
Pry out Force	332 kN/ 331 kN	74,637 lbf/ 74,412 lbf
Weight (with one shank)	4293 kg/ 4420 kg	9,464 lb/ 9,744 lb
Total Operating Weight* (with SU-Blade and Ripper)	47 872 kg	105,539 lb

Type	Adjustable Parallelogram +Multi-shank	
Number of Shank Holes	2	
Overall Beam Width	1330 mm	4 ft 4 in
Maximum Clearance Raised (under tip, pinned in bottom hole)	879 mm	34.6 in
Maximum Penetration (standard tip)	798 mm	31.4 in
Maximum Penetration Force (shank vertical)	154 kN	34,621 lb
Pry out Force (Multi-Shank Ripper with one tooth)	361 kN	81,156 lb
Weight (with one shank)	4153 kg	9,156 lb
Total Operating Weight* (with SU-Blade and Ripper)	48 221 kg	106,309 lb

* **Total Operating Weight:** Includes hydraulic controls, blade tilt cylinder, coolant, lubricants, full fuel tank, ROPS, FOPS cab, SU-Blade, Ripper, 610 mm (24 in) ES shoes, and operator.

+ Includes (1) shank, add 347 kg for each additional shank.

Note: Single-shank ripping arrangement weight includes pin puller.

Standards

ROPS/FOPS

- ROPS (Rollover Protective Structure) offered by Caterpillar for the machine meets ROPS criteria SAE J1040 MAY94, ISO 3471:1994.
- FOPS (Falling Object Protective Structure) meets ISO 3449:2005 Level II.

Sound

- Operator sound exposure Leq (equivalent sound pressure level) measured according to the work cycle procedures specified in ANSI/SAE J1166 OCT98 is 77 dB(A), for cab offered by Caterpillar, when properly installed and maintained and tested with the doors and windows closed.
- The exterior sound pressure level for the standard machine measured at a distance of 15 m (49 ft) according to the test procedures specified in SAE J88 APR95, mid-gear-moving operation, is 87 dB(A).

Standard Equipment

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

ELECTRICAL

- Alternator, 95-amp
- Back-up alarm
- Batteries (2), 12-volt, 200 amp-hour
- Converter, 12-volt, 10-amp and 20 amp
- Diagnostic connector
- Horn, forward warning
- Light, engine compartment
- Lighting system, six (6) Halogen
- Starting receptacle

OPERATOR ENVIRONMENT

- Advisor-electronic monitoring system
- Air conditioner and heater
- Armrest, adjustable
- Cab, FOPS
- Deactivation switch, hydraulic controls
- Decelerator pedal
- Governor switch, electronic
- Hydraulic system, electronically controlled for bulldozer and ripper control
- Mirror, rearview
- MP3/IPOD ready
- Radio ready, entertainment
- ROPS, rollbar
- Seat, cloth – air suspension
- Seat belt, retractable 76 mm (3 in)
- Wipers, intermittent low and high speeds

OTHER STANDARD EQUIPMENT

- CD ROM Parts Book
- Ecology drains
- Fluid sampling ports
- Grade Control Ready
- Ground level service center
- Product Link
- Vandalism protection (8 caplocks)
- VIMS 3G

POWER TRAIN

- Aftercooler, air-to-air
- Air filter, with precleaner
- Aluminum bar plate radiator, 6 fpi
- C18 with ACERT Technology
 - 24-volt electric start
- Controlled throttle shifting
- Coolant, extended life
- Engine idle shutdown timer
- Ether starting aid, automatic
- Fast fuel system
- Fuel priming pump, electric
- High speed oil change system, engine and power train
- Muffler
- Parking brake, electronic
- Prescreener
- Separator, water/fuel
- Shift Management
- Three planet, double-reduction planetary final drives
- Torque converter
- Transmission, electronic control (ECPC), (3F/3R speeds)

SAFETY AND SECURITY

- Anchorage points
- Fender guard rails
- Heavy duty steps and handles
- Operator Not Present Monitor System

UNDERCARRIAGE

- Equalizer bar end pin grease fittings, remote
- Rollers and idlers, lifetime lubricated
- Sprocket rim segments, replaceable
- Suspension-type undercarriage
 - Eight-roller tubular track roller frame
- Track adjusters, hydraulic
- Track guides
- Two-piece master links

Optional Equipment

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

BULLDOZER ATTACHMENTS

- 9SU Blade
- 9SU Blade, Push plate
- 9SU Abrasion resistant blade
- 9SU Abrasion resistant blade, black
- 9SU Landfill blade
- 9U Blade
- 9U Abrasion resistant blade
- 9U Abrasion resistant blade, black

ELECTRICAL

- Light, warning strobe
- Lights, supplemental
 - Nine (9) LED
 - Nine (9) HID
 - Ten (10) Halogen

GUARDS

- Bottom
 - Front counterweight
 - Partial
 - Sealed
- Guard, fuel tank
- Guard, fuel tank with transmission guard
- Striker bar, front
- Undercarriage idlers

OPERATOR ENVIRONMENT

- Air conditioner – ROPS mounted
- Cab glass
 - 276 kPa (40 psi)
 - Impact resistant – dual pane
- Operators arrangements
 - 5th percentile arrangement
 - Quick opening floor plates
- Powered precleaner
- Seat
 - Vinyl with air suspension
 - Heated and ventilated cloth seat with air suspension
- Visibility package
 - Mirrors
 - Single camera
- Window shades

OTHER ATTACHMENTS

- Engine exhaust shields
- Heater, engine coolant
- Heater, fuel
- Battery, cold weather (includes two additional heavy-duty batteries and additional starting motor)
- Prelube, engine

POWER TRAIN

- Final drives
 - Cold weather
 - Guarded
 - Waste handling
- High altitude arrangement

REAR ATTACHMENTS

- Counterweight
- CapSure Hammerless Installation and Positive Retention System
 - Single Shank
 - Multi Shank
 - Single Shank Deep
- Drawbar
- Multi Shank ripper
 - Standard
- Rear window screen
- Single Shank ripper
 - Pin Puller
 - Standard
- Striker Bar
- Winch*

SPECIAL ARRANGEMENTS

- High debris
- Sound
- Stockpile
- Waste handling

TECHNOLOGY

- AccuGrade
- Cat Grade Control 3D
- Performance
 - AutoCarry
 - Automatic Ripper Control
- Terrain for Grading

UNDERCARRIAGE

- Arrangements
 - Abrasion
 - Cold weather
 - Waste handling
- Carrier rollers
- Carrier rollers, cold weather
- Tracks, PPR, sealed and lubricated
 - 560 mm (22 in), Extreme Service
 - 610 mm (24 in), Extreme Service
 - 610 mm (24 in), Extreme Service trapezoidal holes
 - 610 mm (24 in), Super Extreme Service
 - 610 mm (24 in), Super Extreme Service trapezoidal holes
 - 685 mm (27 in), Extreme Service
 - 685 mm (27 in), Extreme Service clip
 - 685 mm (27 in), Extreme Service trapezoidal holes
 - 685 mm (27 in), Super Extreme Service
 - 760 mm (30 in), Moderate Service
 - 760 mm (30 in), Moderate Service trapezoidal holes

*A rear attachment and/or counterweight is recommended for improved performance and balance.

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