



Cat[®] D9 GC

Dozer

The Cat[®] D9 GC Dozer gives you legendary Caterpillar performance and reliability in a simple, economical design. Whether it's for construction or mining, the D9 GC is built to take on a variety of tough tasks. It's easy to operate, while offering the straightforward service and maintenance you need. And easy to own...delivering the lowest owning and operating costs of any machine in its class.

Simply the Right Dozer for Your Application

- The productive and familiar D9 GC gives you performance and reliability in a simple, economical dozer.
- Designed to be used in a variety of applications, such as ripping overburden, production dozing, stockpiling, winching, site maintenance, fleet support and reclamation.
- Special arrangements are available for arctic, desert, heavy construction and steel mill applications.
- Cat three-speed planetary powershift transmission and Caterpillar exclusive torque divider help you harness more power to the ground.
- Power train and main components are built to be rebuilt – for a cost-effective second life of like-new performance at a fraction-of-new price.

Reduce Your Downtime. Reduce Your Costs.

- The D9 GC is designed to be easy to service and maintain – so it will spend less time in the maintenance shop and more time on the job.
- Powerful, proven Cat 3408C engine meets U.S. EPA Tier 1 equivalent emissions, offering longer fuel and air cleaner life, a new robust self-tensioner and a single UHE oil filter.
- Large, quick-access cover to radiator for improved cleaning.
- High-efficiency aluminum bar plate radiator.
- Sealed electrical connectors, which lock out dust and moisture better for improved electrical system reliability and servicing.
- Transmission oil sump that's separate from both final drive reservoirs, controlling cross contamination in the event of a failure of either system.

Designed for Safety and Comfort

- The D9 GC has been infused with safety to help operators feel safe and comfortable on the job.
- Operator station offers an exceptional viewing area to give the operator a clear line of sight to front and rear working areas.
- Daily power train oil check and sampling ports are easily accessed from machine platform for convenience and added safety.
- Suspended undercarriage absorbs impact and reduces shock loads transferred to the undercarriage by up to 50% – resulting in a smoother, more comfortable ride.

Cat Blades and Attachments... The Perfect Match

- Cat blades and attachments are designed for loadability and constructed of high-tensile strength materials to produce big numbers over a long life.

BLADE OPTIONS FOR THE D9 GC

- Universal (U)
- Semi-Universal (SU)
- Reclamation
- Coal
- Cushion

REAR ATTACHMENTS

- Single-Shank Ripper
- Multi-Shank Ripper
- Counterweight
- Winch



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Standard and Optional Equipment

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

	Standard	Optional		Standard	Optional
OPERATOR ENVIRONMENT			POWER TRAIN (continued)		
ROPS/FOPS, Sound-Suppressed Cab	✓		Precleaner – Strata™ Cap Dust Ejector	✓	
ROPS/FOPS, Canopy Only		✓	Precleaner – Turbine		✓
Decelerator and Governor Control	✓		Precleaner – Turbine with Screen		✓
Hydraulic Control Lever Restraints	✓		Thermal Shields	✓	
Visibility – Rearview Mirrors	✓		Engine Oil Prelubrication System		✓
Monitoring System	✓		Starting Aid – Automatic Ether		✓
Cab Access – Blade Pusharm Steps and Grab Handle	✓		Fuel Heater		✓
Air Conditioner and Heater	✓		Fuel Priming Pump – Manual	✓	
Air Conditioner – Fender-Mounted Condenser		✓	Fuel Water Separator	✓	
Heater Only		✓	Final Drives, Three-Planet Double Reduction Planetary	✓	
Seatbelt, 76 mm (3 in) Retractable	✓		Final Drive Seal – Guarded		✓
Seat – Vinyl with Mechanical Suspension		✓	Final Drive Seal – Steel Mill		✓
Seat – Cloth with Mechanical Suspension	✓		Final Drive Seal – Cold Weather		✓
Seat – Cloth with Air Suspension		✓	FLUIDS		
Rear Window Screen		✓	Coolant – Extended Life, Standard (–37° C/–25° F)	✓	
Window Wipers with Wash – Low, High, Intermittent	✓		Coolant – Extended Life, Arctic (–51° C/–60° F)		✓
Cab Glass – Single-Pane with Slider Window	✓		High Ambient Lubrication Package		✓
Cab Glass – Dual-Pane Laminated		✓	Arctic Lubrication Package		✓
Cab – Steel Mill – Single-Pane Glass with Defroster Fans		✓	Steel Mill Lubrication Package		✓
POWER TRAIN			UNDERCARRIAGE		
Cat® 3408C Engine – Equivalent to Tier 1	✓		Undercarriage Arrangement – Abrasion		✓
Clutch Brake with Combined Steering and Brake Control Levers	✓		Undercarriage Arrangement – Cold Weather		✓
Air-to-Air Aftercooler	✓		Undercarriage Arrangement – Steel Mill		✓
Air Filters – With In-Cab Service Indicator	✓		Rubber Idler Guards		✓
Radiator – High-Performance Aluminum Bar Plate	✓		Suspension-Type Undercarriage	✓	
Radiator Core Protector Grid		✓	Track Guide	✓	
Hydraulic Engine Cooling Fan	✓		Two-Piece Master Link	✓	
Hydraulic Engine Cooling Fan – Push-Button Reversing		✓	Lifetime-Lubricated Rollers and Idlers	✓	
Abrasion-Resistant Cooling Fan		✓	Hydraulic Track Adjusters	✓	
Powershift Transmission – Three-Speed	✓		Equalizer Bar – Greased End Pin Bearings	✓	
			Track Links – Heavy-Duty XL – DuraLink™		✓
			Track Shoe – Anti-Packing Round Hole		✓
			Carrier Roller		✓
			Carrier Roller – Cold Weather		✓

(continued on next page)

Standard and Optional Equipment *(continued)*

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

	Standard	Optional		Standard	Optional
HYDRAULICS			REAR ATTACHMENT		
Ripper Pin Puller		✓	Ripper – Single Shank		✓
Guarded Tilt Cylinder Lines		✓	Ripper – Single Shank (with pin puller)		✓
Ripper Pin Puller		✓	Ripper – Single-Shank Deep		✓
Dozer Blade, Dual Tilt		✓	Ripper – Multi Shank (three shank)		✓
Quick Drop	✓		Ripper – Multi Shank (steel mill)		✓
Load-Sensing, Dozer Lift and Tilt	✓		Counterweight		✓
Load-Sensing, Ripper Lift and Pitch	✓		Winch		✓
ELECTRICAL			Drawbar		✓
Alternator, 65-Amp	✓		Ripper Ready		✓
Alternator – 95-Amp		✓	BLADES		
Batteries – 2 × 4, 200-Amp Hour, 12V	✓		Semi-Universal (13.6 m ³ /17.8 yd ³)		✓
Batteries – 4 × 200, 200-Amp Hour, 12V		✓	Semi-Universal Abrasion (13.6 m ³ /17.8 yd ³)		✓
12V, 15-Amp Converter	✓		Universal (16.6 m ³ /21.7 yd ³)		✓
12V, 20-Amp Converter		✓	Universal Abrasion (16.6 m ³ /21.7 yd ³)		✓
Battery Isolation	✓		Semi-Universal Push Plate (13.6 m ³ /17.8 yd ³)		✓
Backup Alarm	✓		Coal (36.8 m ³ /48.2 yd ³)		✓
Lights – Halogen – 6 Positions	✓		<ul style="list-style-type: none"> • Some blades only available through Cat Work Tools. • SU Abrasion and U Abrasion are available with black paint on back side. 		
Lights – Halogen – 10 Positions		✓	GUARDS		
Lights – LED – 10 Positions		✓	Guarding – Fuel and Hydraulic Tank		✓
Light – Warning Strobe		✓	Bottom Guard – Full Set	✓	
Product Link™, Cellular		✓	Bottom Guard – Full Set, Sealed		✓
Product Link, Dual Mode (Cellular + Satellite)		✓	Bottom Guard – Partial Set		✓
SERVICE AND MAINTENANCE			Bottom Guard – Full Set, Front Counterweight		✓
Ecology Fluid Drains – All Compartments	✓		Guarding – Tilt Cylinder lines		✓
Hinged Bottom Guards	✓		SPECIAL ARRANGEMENTS		
High-Speed Oil Change – Engine and Transmission		✓	Desert		✓
Ground-Level Fast Fuel Fill		✓	Steel Mill		✓
S-O-S SM Fluid Sampling Ports	✓		Arctic		✓
CapSure™ Hammerless Ripper Tip and Shank Protectors	✓		Corrosion Resistant – Paint and Electrical Connector Protection		✓
Anchorage Points (2)	✓				
Hinged Quick-Access Door on Right-Side Radiator Guard		✓			
Step Group, Dual Platform on Both Sides of Radiator Guard		✓			
Vandalism Protection – 8 Caplocks	✓				

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Technical Specifications

Engine – Equivalent to Tier 1

Engine Model	Cat® 3408C	
Bore	137 mm	5.4 in ³
Stroke	152 mm	6.0 in ³
Displacement	18.0 L	1,099 in ³
Engine Power		
Gross SAE J1995*	330 kW	443 hp
ISO 14396*	326 kW	437 hp
Net SAE J1349/ISO 9249	308 kW	412 hp

Emissions Equivalent to Tier 1

- All Engine ratings apply at 1,900 rpm.
- No derating required up to 2250 m (7,381 ft) altitude.
- Advertised power is tested per the relevant standards as listed and in effect at the time of manufacture.

* Excludes all fan losses.

Weights

Operating Weight	49 441 kg	108,999 lb
Shipping Weight	37 724 kg	83,167 lb

- D9 GC 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.
- D9 GC Shipping Weight includes base machine chassis with cab, pivot shaft, roller frames, track and ROPS.

Fluid Capacities

Fuel Tank (Splash Fill)	963 L	254 gal
Cooling System	99.8 L	26 gal
Engine Crankcase*	48 L	13 gal
Power Train	150 L	40 gal
Final Drive – Each	15 L	4 gal

*With oil filters.

Transmission

1 Forward	3.9 km/h	2.4 mph
2 Forward	6.8 km/h	4.2 mph
3 Forward	11.9 km/h	7.4 mph
1 Reverse	4.7 km/h	2.9 mph
2 Reverse	8.4 km/h	5.2 mph
3 Reverse	14.7 km/h	9.1 mph
Type	Planetary powershift	

Blade

	Semi-Universal		Universal	
Blade Capacity (SAE J1265)	13.6 m ³	17.8 yd ³	16.6 m ³	21.7 yd ³
Blade Width (over end bits)	4376 mm	172.3 in	4648 mm	183.0 in
Blade Height	1934 mm	76.1 in	1934 mm	76.1 in

Dimensions

Ground Clearance	459 mm	18.1 in
Track Gauge	2250 mm	88.6 in
Width without Trunnions (standard shoes)	2870 mm	113.0 in
Width over Trunnions	3310 mm	130.3 in
Height (FOPS cab)	3820 mm	150.4 in
Height (top of stack)	3876 mm	152.6 in
Height (ROPS)	4000 mm	157.5 in
Length of Track on Ground	3470 mm	136.6 in
Overall Length – Basic Tractor	4910 mm	193.3 in
Overall Length (SU/SS)	8219 mm	323.6 in

Ripper

	Single Shank		Single-Shank Deep		Multi Shank	
Maximum Penetration (standard tip)	1231 mm	48.5 in	1727 mm	68.0 in	798 mm	31.4 in
Maximum Clearance Raised (under tip pinned in bottom hole)	882 mm	34.7 in	817 mm	32.2 in	879 mm	34.6 in
Number of Pockets	1		1		3	

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