



Cat[®] D4

Track-Type Tractor

The versatile new Cat[®] D4 dozer offers the power and precision to get jobs done quickly, plus gives you up to 30 percent more visibility in front of the blade. Easy-to-use technology features help you get more quality work done in less time. Fuel efficiency and service improvements help reduce your owning and operating costs.

Big Performance, Better Visibility

- Get a better view of the work at hand with a lower sloping hood line that gives you up to 30 percent better visibility to the area in front of the blade.
- Superior maneuverability, fast steering response gives you the agility to get the job done quickly.
- The undercarriage design, with eight bottom rollers and two carrier rollers, is optimized for smooth finish grading and a better ride, even at faster grading speeds.
- Cat C4.4 engine with twin turbochargers combined with a hydrostatic transmission to give you excellent fuel efficiency and the most power-dense drive train in its size class.

Easy on Operators

- Updated cab offers more comfort and convenience for long days in the seat.
- Easy-to-use 10-in (254 mm) touchscreen main display is common across the latest models in the Cat dozer lineup.
- Standard High Definition rearview camera shows prominently in the main display.
- New, more comfortable seat offers improved suspension and multiple adjustments for personalized comfort.
- Bi-directional control lets you preselect forward/reverse gears for reduced effort and to match your application. Save the settings as operator profile for even more convenience.
- Additional storage spaces throughout the cab.
- New USB jack and additional 12V ports for added convenience.
- Larger step on the C-frame aids access/egress.

Unprecedented Technology Choices

- Grade technologies help operators of varied skill levels hit target grade faster and more accurately.
- Cat Grade with Slope Assist[™] automatically maintains pre-established blade position without a GPS signal – no additional hardware or software needed.

- Factory integrated Cat Grade with 3D uses GPS to control the blade so you can get to design plan faster.
- Cat Grade with 3D has no blade masts – antennas and receivers are housed in a low-profile roof-mounted spoiler.
- Grade operator interface is intuitive and easier to use: 10-in (254 mm) touchscreen, Android OS platform, operates like a smart phone.
- Slope Indicate shows machine cross-slope and fore/aft orientation right on the main display to help operators with slope work.
- Attachment Ready Option (ARO) comes from the factory with key sensors and wiring installed so you can easily upgrade to fully integrated grade control or blade mounted system.
- Install the aftermarket grade control system of your choice easily with optimal mounting locations in the cab.

Boost Operator Productivity

- Stable Blade seamlessly works with operator inputs to help produce a smoother surface.
- Traction Control automatically reduces track slip to save you time, fuel and track wear.
- AutoCarry[™] automates blade lift to help you maintain consistent blade load and help reduce track slip.¹
- Power Turn provides power to each track to allow dozer to carry heavy loads around turns.
- Application Profile lets you save machine settings based on application or operator preference – save multiple profiles for various jobs or multiple operators.
- Operator ID allows you to save machine settings and to track individual operator productivity via Product Link[™].²
- Operator ID with Security (Machine Security System) helps prevent theft and unauthorized operation by requiring an operator to enter an ID to start the machine.²

All comparisons to D6K2/previous model D4.

¹Requires Grade with 3D package. Feature not operational indoors or in areas where a GPS signal is not available.

²Can be enabled by dealer technician.



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Connect to Greater Efficiency

- Product Link collects machine data that can be viewed online through web and mobile applications.
- Access information anytime, anywhere with VisionLink® – and use it to make informed decisions that boost productivity, lower costs, simplify maintenance, and improve safety and security on your jobsite.
- The Cat App helps you manage your assets – at any time – right from your smartphone. See fleet location and hours, get critical required maintenance alerts, and even request service from your local Cat dealer.
- Remote Troubleshoot saves time and money by allowing your Cat dealer to perform diagnostic testing remotely.
- Remote Flash updates on-board software without a technician being present, at a time that is convenient for you, potentially reducing update time by as much as 50 percent.

Operating Cost Savers

- Eco modes optimize engine speed, while maintaining ground speed and power, to save you fuel in lighter blade load applications like finish grading.
- Efficiency features reduce engine speed when idling, or shut the machine down after a specified time, to further save fuel and meet idling regulations.
- Efficient cooling package has better air flow, helping to reduce fan speed and save even more fuel in cooler conditions/lighter applications.
- New Cat Abrasion™ undercarriage is your lowest cost-per-hour solution for high abrasion and low impact jobsites. The new design offers double the seal life and eliminates bushing turns, reducing your costs up to 50 percent per hour compared to traditional undercarriage.

Because Uptime Counts

- Reduce maintenance cost with longer service intervals, Remote Services and easier service access.
- Updated fuel system and more than three-times longer Diesel Exhaust Fluid (DEF) filter service interval.
- LED lights offer up to six times the life of halogen.
- Larger engine compartment door for easier access to service and maintenance points.
- Remove lower service panel without tools for quick access to inspect engine compartment and filters.
- Ground level access to hydraulic filters and primary fuel filter/water separator.
- Optional bracket mounts to rear of machine to keep a shovel handy.
- Monitoring system with automatic checks at start up.
- Easier access to trunnion grease points.
- Optional ground level fast fuel fill.
- Longer drawbar platform for more convenient fuel fill/rear camera cleaning.

Standard and Optional Equipment

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

	Standard	Optional		Standard	Optional
POWER TRAIN			ELECTRICAL		
Cat® C4.4 diesel engine	✓		Integrated halogen lights – 4 front, 2 rear	✓	
Air cleaner with integrated precleaner, dust ejector and under hood air intake	✓		6 LED lights		✓
Aluminum bar plate cooling system	✓		8 LED lights – premium		✓
Auto engine speed control	✓		Flashing beacon		✓
Electric fuel pump	✓		UNDERCARRIAGE		
Engine idle shutdown	✓		Cat Abrasion™ or Heavy Duty undercarriage	✓	
Hydrostatic, infinite variable speed transmission	✓		Lifetime lubricated track rollers (8 + 2 carrier rollers) and idlers	✓	
Precleaner with turbine		✓	Track guiding guards – full, center, front/rear		✓
Auto reversing fan		✓	SERVICE AND MAINTENANCE		
OPERATOR ENVIRONMENT			Ecology drains	✓	
Standard ROPS/FOPS cab	✓		Fast fill ready		✓
Comfort cab package		✓	Bio hydraulic oil		✓
Heavy duty cab package		✓	Cold weather package (120V or 240V)		✓
Integrated air conditioning	✓		Shovel mounting bracket		✓
Air-suspension cloth seat	✓		High speed oil change		✓
Adjustable armrests	✓		BLADES		
10-in (254 mm) touchscreen display	✓		VPAT blade		✓
Rear vision camera	✓		Folding VPAT blade		✓
Electronically programmable speed selector	✓		Manual blade pitch	✓	
Electronic engine air cleaner service indicator	✓		Powered blade pitch		✓
Entertainment Radio ready	✓		ATTACHMENTS		
Radio, AM/FM/AUX/USB Bluetooth®		✓	Ripper Ready package		✓
CAT TECHNOLOGY			Winch ready		✓
Standard	✓		Dual Ripper/Winch Ready package		✓
– Stable Blade			Winch (dealer installed)		✓
– Traction Control			Ripper with curved or straight shanks		✓
– Slope Indicate			Drawbar		✓
ARO with Assist (Grade Ready + Assist Features)		✓	Rear counterweight		✓
– Slope Assist			Front pull device	✓	
– Attachment Ready Option (ARO)			Protection packages		✓
– Third Party Grade Control Ready			Rear screen		✓
– Standard Features					
Cat Grade with 3D		✓			
– Full-color 10-in (254 mm) touchscreen grade display					
– Grade receivers and antennas					
– Grade Software Enabled Attachment (SEA)					
– ARO with Assist features					
Product Link™, Cellular	✓				
Product Link – Dual Cellular/Satellite		✓			
Remote Flash/Troubleshoot	✓				
Operator ID	✓				
Machine Security – Passcode	✓				
Machine Security – Bluetooth		✓			

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Technical Specifications

Engine		
Engine Model	Cat C4.4	
Emissions	U.S. EPA Tier 4 Final/EU Stage V/ Japan 2014/Korea Tier 4 Final	
Build Number	16A	
Transmission Type	Hydrostatic	
Net Power (2,100 rpm)		
ISO 9249/SAE J1349	97 kW	130 hp
ISO 9249/SAE J1349 (DIN)	132 mhp	
Displacement	4.4 L	268.5 in ³
<ul style="list-style-type: none"> • Net power available at the flywheel when the engine is equipped with fan, air cleaner, aftertreatment, and alternator with engine speed at 2,100 rpm. • Advertised power is tested per the specified standard in effect at the time of manufacture. • The air conditioning system on this machine contains the fluorinated greenhouse gas refrigerant R134a (Global Warming Potential = 1430). The system contains 1.6 kg of refrigerant which has a CO₂ equivalent of 2.288 metric tonnes. 		

Operating Weights		
D4	13 272 kg	29,259 lb
D4 LGP	14 008 kg	30,882 lb

Service Refill Capacities		
Fuel Tank	260 L	69 gal
DEF Tank	19 L	5 gal

Blades				
Blade Type	VPAT/Foldable VPAT			
	Capacity		Width	
VPAT	3.26 m ³	4.26 yd ³	3196 mm	10.5 ft
LGP VPAT	3.81 m ³	4.98 yd ³	3682 mm	12.0 ft

- VPAT foldable blades have the same capacity and width as the VPAT blades.

Dimensions				
	D4		D4 LGP	
Width of Tractor				
Standard Shoes without Blade	2330 mm	92 in	2760 mm	109 in
Standard Shoes with VPAT Blade Angled 25°	2896 mm	114 in	3337 mm	131 in
Standard Shoes with Foldable Blade in Transport Position	2364 mm	93 in	2850 mm	112 in
Machine Height from Tip of Grouser – ROPS Cab	2965 mm	117 in	2965 mm	117 in
Width of Standard Shoe	560 mm	22 in	760 mm	30 in
Length of Track on Ground	2653 mm	104 in	2653 mm	104 in
Length of Basic Tractor (with C-Frame and drawbar)	4618 mm	181 in	4618 mm	181 in
With the Following Attachments:				
VPAT Blade, Straight	5000 mm	196 in	5000 mm	196 in
VPAT Blade, Angled 25° (Standard and Foldable)	5630 mm	221 in	5630 mm	221 in
Ground Clearance from Ground Face of Shoe (per SAE J1234)	350 mm	14 in	350 mm	14 in
Ground Pressure (ISO 16754)	40.5 kPa	5.9 psi	31 kPa	4.5 psi
Note: all weights and dimensions with Cat Abrasion undercarriage.				

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