



Cat[®] D4

Track-Type Tractor

The Cat[®] D4 (formerly D6K2) dozer combines best-in-class fuel efficiency with the power and precision to excel in a wide range of jobs. This versatile bulldozer features a reliable power train and a design optimized for finish grading. Boost your grading productivity even more with technology options that help you get more quality work done in less time.

Performance

- Cat[®] C4.4 engine with twin turbochargers is combined with a hydrostatic transmission for outstanding fuel efficiency and the most power-dense drive train in its size class.
- Superior maneuverability, faster steering response, greater capability to utilize full blade loads.
- Eco Modes optimize engine speed, while maintaining ground speed, saving up to 17 percent fuel* in lighter blade load applications like finish grading.
- Bi-directional control lets you dial preselected forward/reverse gears for reduced effort and improved efficiency. Save the settings as operator profile for even more convenience.
- Efficiency features reduce engine speed when idling, or shut the machine down after a specified time, to further save fuel and meet idling regulations.
- Optimized undercarriage – eight bottom rollers/two carrier rollers for smoother ride and improved finish grading. Equalizer bar design supports faster fine grading speed.
- Wide blade helps you get more work done in fewer passes.

Ease of Operation

- Fast response with intuitive, precise electro-hydraulic controls. Adjust sensitivity to fine, medium or coarse.
- Liquid Crystal Display (LCD) is easy to read – includes your Slope Assist and rear camera displays (if equipped).
- Power Pitch option lets you easily adjust blade to optimum pitch for your application using buttons on the right hand control.
- Automatic Traction Control reduces track slip in poor underfoot conditions.
- Standard rear vision camera provides enhanced visibility.
- Easy maintenance with grouped service and diagnostic points.
- Easy to transport without blade removal when equipped with foldable blade option.

*Compared to previous model.

Cat Technology

- Hit target grade faster and more accurately with Cat GRADE technologies – Finish jobs in fewer passes, and with less operator effort, saving you time and helping to increase your profit.
- Cat GRADE with Slope Assist[™] automatically maintains pre-established blade position without a GPS signal.
- Updated Cat GRADE with 3D offers greater speed, accuracy and flexibility.
 - Factory-integrated system eliminates position sensing cylinders.
 - Antennas integrated into the cab roof for better protection.
 - More intuitive 10-inch (254 mm) touchscreen display is easier to use.
- Cat Stable Blade works with electro-hydraulic controls to complement operator input. Get better finish grades faster and with less effort.
- AutoCarry[™] automates blade lift to maximize blade load, improve load consistency, reduce track slip.
- Standard Cat Slope Indicate displays machine cross-slope and fore/aft orientation right on the main display.
- Factory Attachment Ready Option (ARO) simplifies installation of all brands of grade control system.
- 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 job site.

Efficiency

- Eco Modes optimize engine rpm while maintaining ground speed, saving up to 18 percent fuel in lighter blade load applications like finish grading.
- Auto Engine Speed Control reduces engine speed when idling for added fuel savings.
- Engine Idle Shutdown Timer shuts down machine after specified idle time to help save fuel and meet idling regulations.



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Engine			
Engine Model	Cat C4.4		
Emissions	U.S. EPA Tier 4 Final/ EU Stage IV/Japan 2014/ Korea Tier 4 Final		
Engine Power (Maximum)			
SAE J1995	119 kW	160 hp	
ISO 14396	117 kW	157 hp	
ISO 14396 (DIN)	159 hp		
Net Power (Rated)			
SAE J1349	95 kW	128 hp	
ISO 9249	97 kW	130 hp	
ISO 9249 (DIN)	132 hp		
Displacement	4.4 L	268.5 in ³	
<ul style="list-style-type: none"> All non road Tier 4 Interim and Final, Stage IIIB and IV, Japan 2014 (Tier 4 Final) and Korea Tier 4 Final diesel engines are required to use only Ultra Low Sulfur Diesel (ULSD) fuels containing 15 ppm EPA/10 ppm EU (mg/kg) sulfur or less. Biodiesel blends up to B20 (20% blend by volume) are acceptable when blended with 15 ppm (mg/kg) sulfur or less ULSD. B20 should meet ASTM D7467 specification (biodiesel blend stock should meet Cat biodiesel spec, ASTM D6751 or EN 14214). Cat DEO-ULS™ or oils that meet the Cat ECF-3, API CJ-4, and ACEA E9 specification are required. Consult your OMM for further machine specific fuel recommendations. Diesel Exhaust Fluid (DEF) used in Cat Selective Catalytic Reduction (SCR) systems must meet the requirements outlined in the International Organization for Standardization (ISO) standard 22241. The air conditioning system on this machine contains the fluorinated greenhouse gas refrigerant R134a (Global Warming Potential = 1430). The system contains 1.3 kg of refrigerant which has a CO₂ equivalent of 1.859 metric tonnes. 			

Service Refill Capacities			
Fuel Tank	260 L	69 gal	
DEF Tank	19 L	5 gal	
Cooling System	30 L	7.9 gal	
Engine Crankcase	11 L	2.9 gal	
Final Drives (each)	18.5 L	4.9 gal	
Hydraulic Tank	64 L	16.9 gal	

Transmission – Travel Speed			
Transmission Type	Hydrostatic		
Forward	0-10 km/h	0-6.2 mph	
Reverse	0-10 km/h	0-6.2 mph	

Weights			
Operating Weight	13 497 kg	29,756 lb	
Operating Weight – LGP	14 141 kg	31,176 lb	

Blades			
Blade Type	VPAT/Foldable VPAT		
VPAT – Blade Capacity	3.26 m ³	4.26 yd ³	
LGP VPAT – Blade Capacity	3.81 m ³	4.98 yd ³	
VPAT – Blade Width over End Bits	3196 mm	10.5 ft	
LGP VPAT – Blade Width over End Bits	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
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	31.1 kPa	4.5 psi



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