



Cat[®] D6N

Track-Type Tractor

Technology

- The D6N offers a full range of Cat[®] Connect technologies so you can choose features to match your job site needs for scalability, capability and budget.
- **Cat Slope Indicate (S)** displays machine cross-slope and fore/aft orientation on the primary monitor, helping operators work more accurately on slopes.
- **Cat Stable Blade (S)** complements the operator's blade-control input for attaining finish grades quicker with less effort.
- **Cat Grade Control Slope Assist (S)** helps operators more easily achieve the required main-fall and slope orientation of the blade by automatically maintaining pre-established blade angles for the grade. The system saves time, increases finish quality and reduces operator input. Experienced operators can work more productively and less experienced operators can achieve better quality results more quickly.
- **Cat Grade Control 3D (O** – available early 2016) is an integrated grade control system that enables operators to improve grading efficiency, accuracy and productivity in production dozing and fine grading applications. Antennas mount on top of the cab to eliminate masts and cables traditionally on the blade and **AutoCarry™** is included in the package to help maximize productivity.
- **Cat AccuGrade™ (O)** is a dealer-installed aftermarket grade-control system that provides increased grading versatility and the ability to scale capacity to changing needs, providing a choice of lasers for 2D flat-plane and slope work, Global Navigation Satellite System (GNSS) control for complex 3D cuts and contours, and/or systems using a Universal Total Station (UTS) for fine and finish grading.
- **Cat AccuGrade Ready Option (ARO) (O)** allows you to easily install or upgrade to Cat AccuGrade 2D and 3D grade-control systems to add versatility and resale value to your machine.
- Remote monitoring with **Product Link™/VisionLink®** helps you manage your fleet more effectively and profitably.

Sustainability

- Meets U.S. EPA Tier 4 Final/EU Stage IV/Korea Tier 4 emission standards.
- Major components are built to be rebuilt.
- Improved fuel economy over the previous model and efficient use of Diesel Exhaust Fluid (DEF) gives you excellent overall fluid efficiency.

Efficiency

- A new transmission with a lock-up clutch torque converter gives you the performance of direct drive with the ease of operation of power shift. Transmission controls will automatically select the drive mode best suited to your application, providing increased productivity and efficiency.*
- Increased net horsepower, coupled with a new lock-up clutch torque converter, give you up to 10% more productivity* in most applications.
- The new D6N also delivers up to 15% improvement in fuel efficiency.*
- Enhanced Auto Shift (S) helps you save fuel by automatically upshifting/downshifting to maintain the most efficient gear based on load. Three different settings, 3-speed, 6-speed and fine adjustment mode, allow you to optimize tractor performance to match material and job site conditions.
- In cooler conditions, the electronically controlled variable speed demand fan decreases speed to save fuel and reduce noise.

Ease of Operation

- Updated cab with more leg room and wider entry.
- Selectable electro-hydraulic mapping lets you set implement response to match operator preferences and applications.
- Smoother shifting and a quieter engine add to overall operator comfort.
- Updated LCD display, operator interface common with other Cat dozers.
- Emissions technology is transparent – no action required from the operator, no stopping for regeneration.
- Diesel Exhaust Fluid fill is located at step level, next to the fuel tank, for convenient access when you refuel.
- Operators will experience better Heating/Ventilation/Air Conditioning performance made possible by more ducting and sealing.
- Foldable blade option reduces machine width so the tractor can be transported without removing the blade.
- The D6N is designed for best-in-class serviceability to help get you on the job faster.

(S) = Standard

(O) = Optional

*Compared to previous D6N model.



Cat® D6N Track-Type Tractor

Engine		
Engine Model	Cat C7.1 ACERT™	
Emissions	Tier 4 Final/Stage IV/ Korea Tier 4	
Engine Power (Maximum)		
SAE J1995	136 kW	182 hp
ISO 14396	133 kW	178 hp
ISO 14396 (DIN)	180 hp	
Net Power – 1,800 rpm		
ISO 9249/SAE J1349	124 kW	166 hp
ISO 9249/SAE J1349 (DIN)	168 hp	
Displacement	7.1 L	433 in ³
<ul style="list-style-type: none"> All non road Tier 4 Interim and Final, Stage IIIB and IV, and Korea Tier 4 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. 		

Weights		
Operating Weight – XL	16 757 kg	36,943 lb
Operating Weight – LGP	18 346 kg	40,446 lb

Service Refill Capacities		
Fuel Tank	277 L	73.2 gal
DEF Tank	19 L	5 gal

Blades				
Blade	Capacity		Width	
XL VPAT	3.3 m ³	4.3 yd ³	3272 mm	10.75 ft
XL SU	4.3 m ³	5.6 yd ³	3154 mm	10.33 ft
XL SU – Narrow*	—	—	3000 mm	9.83 ft
LGP VPAT	3.9 m ³	5.1 yd ³	4080 mm	13.42 ft
LGP VPAT – Foldable	3.9 m ³	5.1 yd ³	4080 mm	13.42 ft

*For Europe only; width is with end bits removed; blade width with end bits is 3126 mm (10 ft).

	Dimensions					
	XL		LGP		XL Fine Grading	
Width of Tractor – Standard Shoes without Blade	2500 mm	98.4 in	3000 mm	118.0 in	2500 mm	98.4 in
Width of Tractor – Standard Shoes with VPAT Blade Fully Angled	2965 mm	116.7 in	3699 mm	145.6 in	2965 mm	116.7 in
Width of Tractor – Standard Shoes with Foldable VPAT Blade Angled and Folded	2545 mm	100.0 in	3000 mm	118.0 in	2545 mm	100.0 in
Machine Height from Tip of Grouser to Top of ROPS Cab	3108 mm	122.4 in	3222 mm	126.9 in	3222 mm	126.9 in
Length of Track on Ground	2605 mm	102.6 in	3110 mm	122.4 in	3110 mm	122.4 in
Length of Basic Tractor (with drawbar)	3995 mm	157.3 in	4222 mm	166.2 in	4222 mm	166.2 in
With the Following Attachments, Add to Basic Tractor Length:						
VPAT Blades, Straight/Angled 25°	1105/1535 mm	43.5/60.4 in	1236/2078 mm	48.7/81.8 in	1236/1878 mm	48.7/73.9 in
VPAT Blade, Foldable, Angled 31°	—	—	2241 mm	88.2 in	—	—
SU Blade	1185 mm	46.7 in	—	—	—	—
Ground Clearance (SAE J1234)	364 mm	14.3 in	477 mm	18.8 in	477 mm	18.8 in
Ground Pressure (ISO 16754)	45.9 kPa	6.7 psi	30.8 kPa	4.5 psi	—	—

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