Cat® D6N
Track-Type Tractor

The new Cat® D6N gives you power, balance and versatility – all in one easy-to-transport machine. This rugged dozer features a quiet new cab with added visibility and comfort. And to boost your grading productivity, choose scalable GRADE technology features that help you get more quality work done in less time.

Versatility
- Excellent machine balance, power-to-weight-ratio and VPAT blade for general dozing and fine grading.
- For dozing productivity, updated SU configuration follows the design of larger Cat dozers with front-mounted lift cylinders to provide more breakout force and stability.
- Forestry and landfill arrangements offer added features and guarding to take on especially harsh environments.

Ease of Operation
- Updated cab, with an integrated Roll Over Protection Structure (ROPS) and 15° offset seat, offers greater all around visibility.
- Improved cab pressurization helps keep dust out for a cleaner operating environment.
- New Liquid Crystal Display (LCD)* places machine data, settings menus and more conveniently in front of the operator.
- Low effort electro-hydraulic controls* offer precise response and facilitate GRADE technologies.
- Choose the best speed for your job: 5-speed mode is easily adjusted with throttle dial.
- Bi-directional control to preselect forward/reverse gears – automatically downshifts to the most efficient gear based on load for reduced operator effort and improved efficiency.

*Not available on SU configuration.
(■) = Standard
(●) = Optional

Performance
- Cat 7.1 ACERT™ electronic engine provides more power and up to 3 percent better fuel efficiency compared to the previous model.
- New, more robust engine fuel system features high efficiency fuel filters and water-in-fuel sensors for greater fuel system reliability.
- Differential steering with dedicated steering pump maintain power in turns, even with a full blade load.

Cat Connect Technology
- **Cat Stable Blade** (■) complements the operator's blade-control input for attaining finish grades quicker with less effort.
- **Cat Slope Indicate** (■)* displays machine cross-slope and fore/aft orientation on the primary monitor, helping operators work more accurately on slopes.
- Automatically maintain established blade mainfall/cross slope with **Cat GRADE with Slope Assist™** (■)*. Finish jobs faster, with better surface quality and significantly less operator effort. No additional hardware required.
- Versatile, scalable **Cat AccuGrade™** (●) is a dealer-installed grade control system. Choice of Laser, Global Navigation Satellite System (GNSS) or Universal Total Station (UTS) so you get the right level of accuracy to match your job requirements.
- Factory equip your dozer for easy installation of an AccuGrade system with the **AccuGrade Ready Option** (ARO) (●).
- Manage your fleet more effectively and profitably with Product Link™/VisionLink® remote monitoring.

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Engine

Engine		
Engine Model	Cat C7.1 ACERT	
Emissions	Meets U.S. EPA Tier 3/ EU Stage IIIA equivalent and Brazil MAR-1 emission standards.	
Engine Power – 2,200 rpm		
SAE J1995 (Gross)	131 kW	176 hp
ISO 14396	129 kW	173 hp
Engine Power – 2,200 rpm*		
ISO 9249/SAE J1349	118 kW	158 hp
Bore	105 mm	4.1 in
Stroke	135 mm	5.3 in
Displacement	7.1 L	433.3 in^3

*Power advertised is the power available at the flywheel when engine is equipped with a fan at maximum speed, air cleaner, muffler and alternator.

Service Refill Capacities

Service Refill Capacities		
Fuel Tank	299 L	79.0 gal
Cooling System	30 L	12.7 gal
Engine Crankcase	15.5 L	4.1 gal
Power Train	160 L	44.9 gal
Final Drives (each)	7 L	2.2 gal
Hydraulic Tank	29.5 L	7.8 gal

Weights

Weights		
Operating Weights		
D6N XL (VPAT)	17 371 kg	38,296 lb
D6N XL (SU)	17 722 kg	39,070 lb
D6N LGP (VPAT)	18 563 kg	40,924 lb
Shipping Weights		
D6N XL (VPAT)	16 053 kg	35,390 lb
D6N XL (SU)	15 785 kg	34,800 lb
D6N LGP (VPAT)	17 058 kg	37,606 lb

• Please see full product brochure for Operating and Shipping weight calculations.

Blades

Blades	Capacity		Width	
SU XL	4.28 m^3	5.6 yd^3	3154 mm	124.2 in
VPAT XL	3.31 m^3	4.3 yd^3	3272 mm	128.8 in
VPAT LGP	3.87 m^3	5.1 yd^3	4082 mm	160.7 in

• Blade capacities are measured to SAE J/ISO 9246.

• Blade widths are measured over end-bits.

Dimensions

Dimensions	XL		LGP	
Width of Tractor Over Trunnions	2640 mm	103.9 in	N/A	
Width Without Trunnions (standard shoe width)	2450 mm	96.5 in	3000 mm	118.1 in
Width – Standard Shoes with VPAT Blade Fully Angled	2972 mm	117.0 in	3706 mm	145.9 in
Machine Height, from Tip of Grouser to ROPS	3055 mm	119.7 in	3135 mm	123.8 in
Length of Track on Ground	2587 mm	101.9 in	3092 mm	121.7 in
Length of Basic Tractor:				
Cab (non-VPAT)	3766 mm	148.3 in	N/A	
Cab (VPAT)	3696 mm	145.5 in	4027 mm	158.5 in
With following Attachments, add:				
SU – Blade	1170 mm	46.063 in	N/A	
VPAT – Blade (straight/angled 25°)	1195 mm/ 1815 mm	47 in/ 71.5 in	1250 mm/ 2060 mm	49.2 in/ 81.1 in
Rear Drawbar	184 mm	7.2441 in	100 mm	3.9 in
Multi-Shank Ripper (tip at ground level)	1230 mm	48.425 in	1140 mm	44.9 in
Ground Clearance	364 mm	14.331 in	444 mm	17.5 in
Ground Pressure (ISO 16754)	59.9 kPa	8.6 psi	37.9 kPa	5.5 psi
VPAT Blade	61.1 kPa	8.8 psi	—	—
SU Blade	—	—	—	—

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