



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 with 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 with 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 Japan 2014 (Tier 4 Final) emission standard.
- 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.



オフロード法2014年
基準適合

Cat® D6N Track-Type Tractor

| Engine | |
|--|---------------------------|
| Engine Model | Cat C7.1 ACERT™ |
| Emissions | Japan 2014 (Tier 4 Final) |
| Engine Power (Maximum) | |
| SAE J1995 | 136 kW |
| ISO 14396 | 133 kW |
| Net Power – 1,800 rpm | |
| ISO 9249/SAE J1349 | 124 kW |
| Displacement | 7.1 L |
| <ul style="list-style-type: none"> Japan 2011 (Tier 4 Interim) and Japan 2014 (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. 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 | 16 722 kg |
| Operating Weight – LGP APEX Shoes | 17 739 kg |
| Operating Weight – LGP SG Shoes | 18 608 kg |

| Service Refill Capacities | |
|---------------------------|-------|
| Fuel Tank | 277 L |
| DEF Tank | 19 L |

| Blades | | |
|---------------------|----------|---------|
| Blade | Capacity | Width |
| XL VPAT | 3.3 m³ | 3272 mm |
| XL SU | 4.3 m³ | 3154 mm |
| LGP VPAT | 3.9 m³ | 4080 mm |
| LGP VPAT – Foldable | 3.9 m³ | 4080 mm |

| Dimensions | | | | |
|--|--------------|----------------|--------------|-----------------|
| | XL | LGP APEX Shoes | LGP SG Shoes | XL Fine Grading |
| Width of Tractor – Standard Shoes without Blade | 2490 mm | 3025 mm | 3000 mm | 2500 mm |
| Width of Tractor – Standard Shoes with VPAT Blade Fully Angled | 2965 mm | 3699 mm | 3699 mm | 2965 mm |
| Width of Tractor – Standard Shoes with Foldable VPAT Blade Angled and Folded | 2545 mm | 3025 mm | 3000 mm | 2545 mm |
| Machine Height from Tip of Grouser to Top of ROPS Cab | 3108 mm | 3222 mm | 3222 mm | 3222 mm |
| Length of Track on Ground | 2605 mm | 3110 mm | 3110 mm | 3110 mm |
| Length of Basic Tractor (with drawbar) | 3995 mm | 4222 mm | 4222 mm | 4222 mm |
| With the Following Attachments, Add to Basic Tractor Length: | | | | |
| VPAT Blades, Straight/Angled 25° | 1105/1535 mm | 1236/2078 mm | 1236/2078 mm | 1236/1878 mm |
| VPAT Blade, Foldable, Angled 31° | — | 2241 mm | 2241 mm | — |
| SU Blade | 1185 mm | — | — | — |
| Ground Clearance (SAE J1234) | 364 mm | 477 mm | 477 mm | 477 mm |
| Ground Pressure | 52.5 kPa | 32.3 kPa | 34.9 kPa | — |

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Based on the Labor, Safety and Health Laws in Japan, employer of small construction equipment are required to provide specific training for all operators on machines with ship weight less than 3 metric ton. For machines greater than 3 metric ton, operator needs to obtain operator license certification from a Government approved registered training school.

AEXQ1776 (04-2016)
(Japan)

