



Cat[®] D8T

Track-Type Tractor

The D8T dozer is engineered to be durable and reliable in the toughest working conditions. The latest generation bulldozer provides more horsepower and offers an updated cab to give operators even better visibility and comfort. Productivity is improved with the largest Semi-Universal blade in the size class to help you move up to 13 percent more material per pass. Cat[®] Connect GRADE technology options help you get more work done in less time.

Productivity

- Move up to 13 percent more material per pass with the largest standard Semi-Universal blade in the size class (10.3 m³).
- More horsepower than the previous model with a proven Cat C15 ACERT™ engine.
- Dual Tilt blade option optimizes blade pitch for up to 10 percent more productivity.

Performance

- Simultaneous blade response and steering performance with dedicated implement and steering pumps.
- Cab-mounted air conditioning condenser supports better system performance, improved engine cooling and serviceability.
- Auto Shift automatically down shifts to the most efficient gear based on load for fuel savings.

Ease of Operation

- Updated cab, with an integrated Roll Over Protection Structure offers greater all around visibility.
- Improved cab pressurization helps keep dust out for a cleaner operating environment.
- Electro-hydraulic controls reduce operator effort, improve precision and response, and enable Cat Connect GRADE technologies.
- New Liquid Crystal Display (LCD) places machine data, settings menus, grade control data and more conveniently in front of the operator.
- LCD display is rear-camera-ready for added safety.

Cat Connect Technologies

- **Cat Slope Indicate** (■) displays real-time machine cross-slope and fore/aft orientation on the primary monitor, helping operators work more accurately on slopes.
- Automatically maintain established blade 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.
- Remote monitoring with Product Link™/VisionLink[®] helps you manage your fleet more effectively and profitably.

(■) – Standard

(●) – Optional



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Engine

Engine Model	Cat C15 ACERT
Emissions	Meets U.S. EPA Tier 3/ EU Stage IIIA equivalent, Brazil MAR-1, or Tier 2/ Stage II equivalent emission standards as required by region
Engine Power – 1,600 rpm	
SAE J1995 (Gross)	273 kW
ISO 14396	269 kW
ISO 14396 (DIN)	365 hp
Engine Power – 1,900 rpm	
ISO 9249/SAE J1349	242 kW
ISO 9249/SAE J1349 (DIN)	328 hp
Displacement	15.2 L

Weights

Operating Weight	
Standard	38 351 kg
LGP	36 763 kg
Shipping Weight	
Standard	29 553 kg
LGP	30 506 kg

Service Refill Capacities

Fuel Tank	600 L
Cooling System	62 L
Engine Crankcase*	38 L
Power Train	155 L
Final Drives (each)	12.5 L
Roller Frames (each)	65 L
Pivot Shaft Compartment	40 L
*With oil filters.	

Transmission

1 Forward	3.4 km/h
2 Forward	6.1 km/h
3 Forward	10.6 km/h
1 Reverse	4.5 km/h
2 Reverse	8.0 km/h
3 Reverse	14.2 km/h

Blades

Blade	Capacity (SAE J1265)	Width (over end bits)
8SU	10.3 m ³	4041 mm
8U	11.7 m ³	4267 mm
8A	4.7 m ³	4990 mm
8SU LGP	9.9 m ³	4542 mm

Dimensions

	Standard	Non-Suspended	LGP
Width of Tractor without Trunnions (Standard Shoe)	2743 mm	2743 mm	3311 mm
Machine Height (ROPS/FOPS Cab)	3488 mm	3488 mm	3488 mm
Length of Track on Ground	3207 mm	3258 mm	3207 mm
Overall Length of Basic Tractor	4647 mm	4647 mm	4647 mm
With Following Attachments, add:			
Ripper Single Shank	1519 mm	1519 mm	N/A
Ripper Multi Shank	1613 mm	1613 mm	N/A
SU Blade	1844 mm	1844 mm	1844 mm
U Blade	2241 mm	2241 mm	N/A
A Blade (not angled)	2027 mm	2027 mm	N/A
A Blade (angled 25 degrees)	3068 mm	3068 mm	N/A
Drawbar	406 mm	406 mm	406 mm
Height of Grouser	78 mm	78 mm	78 mm
Ground Clearance	613 mm	606 mm	613 mm
Ground Pressure (ISO 16754)	86.4 kPa/ 12.5 psi	86.4 kPa/ 12.5 psi	52.3 kPa/ 7.6 psi



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