



# Cat<sup>®</sup> D8T

## Track-Type Tractor

### Ease of Operation

- New color touch-screen display puts the machine's programmable control features right at your fingertips.
- Selectable electro-hydraulic maps let you set implement response/speed to match operator preferences and application.
- Enjoy added operator comforts like a quieter cab, adjustable armrests and a heated/ventilated seat option.
- Emissions technology is transparent – no action required from the operator, no stopping for regeneration.
- Smoother shifting based on load and operating conditions, as well as greater benefits from Enhanced Auto Shift.
- Enhanced Auto Shift allows operators to select the optimum ground speed for the job. Helps save fuel by automatically choosing the most efficient gear based on load.

### Technology

- Cat<sup>®</sup> Grade Control 3D (O) is a factory-integrated grade control system that enables operators to improve grading efficiency, accuracy and productivity in production dozing and fine grading applications.
- The integrated design moves the antennas to the top of the cab, eliminating masts and cables traditionally on the blade.
- Productivity enhancing features integrated with Cat Grade Control – AutoCarry™, Auto Blade Assist, and Automatic Ripper Control – turn the D8T into a high production dozing system.
- Cat AccuGrade™ (O) machine control and guidance helps operators improve productivity and accuracy by as much as 50% over conventional methods.
- D8T is Grade Control Ready out of the factory, making installation of AccuGrade system an easy retrofit down the road.
- Cat Slope Indicate (S) displays machine cross-slope and fore/aft orientation on the primary monitor, helping operators work more accurately on slopes.
- Product Link™\*/VisionLink<sup>®</sup> (S) connects owners to their equipment, providing access to machine data such as location, hours, fuel consumption, idle time, events, and diagnostic codes.

(S) = Standard

(O) = Optional

\*Product Link not available in all areas. Please consult your Cat dealer.

### Sustainability

- Meets U.S. EPA Tier 4 Final/EU Stage IV/Korea Tier 4 Final emission standards.
- Improved fuel economy over the previous model and efficient use of Diesel Exhaust Fluid (DEF) gives you excellent overall fluid efficiency. Across a variety of applications, the D8T typically has used DEF at a rate of 2-3 percent of fuel consumption.
- In cooler conditions, the hydraulic demand fan reduces speed to conserve power, save fuel and decrease sound levels.

### Safety

- Convenient steps, handles and guardrail help you get on and off the tractor with greater ease, and access lighting can be turned on from a ground level switch.
- New seat belt indicator enhances safety by reminding the operator to buckle up with a light/alarm. Once the machine is in gear, a fault code will register through Product Link if the operator fails to fasten the seat belt.
- Electronic fluid level verification at startup for coolant, power train and engine oil means you can make fewer trips up and down from the cab.
- Operator Presence Detection System allows the machine to idle when the operator is not seated, but locks out the power train and front implements to avoid unintentional movement.
- Operator Presence system also locks brakes and hydraulic system when operator leaves the seat for an extra safety measure.
- A rear vision camera and cylinder mounted mirrors are available to enhance visibility around the machine.



# Cat® D8T Track-Type Tractor

Engine			
Engine Model	Cat C15 ACERT™		
Emissions	U.S. EPA Tier 4 Final/ EU Stage IV/ Korea Tier 4 Final		
Net Power (Rated) – 1,900 rpm			
ISO 9249/SAE J1349	233 kW	312 hp	
ISO 9249/SAE J1349 (DIN)	317 hp		
Net Power (Maximum) – 1,700 rpm			
ISO 9249/SAE J1349	252 kW	335 hp	
ISO 9249/SAE J1349 (DIN)	343 hp		
Displacement	15.2 L	928 in <sup>3</sup>	
<ul style="list-style-type: none"> <li>All non road Tier 4 Interim and Final, Stage IIIB and IV, Japan 2011 and 2014 (Tier 4 Interim and Tier 4 Final) and Korea Tier 4 Final diesel engines are required to use only Ultra Low Sulfur Diesel (ULSD) fuels containing 15 ppm (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.</li> </ul>			

• 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.

Blades				
	Capacity		Width (over end bits)	
8SU	8.6 m <sup>3</sup>	11.3 yd <sup>3</sup>	3931 mm	12.9 ft
8U	11.8 m <sup>3</sup>	15.4 yd <sup>3</sup>	4251 mm	13.9 ft
8A	5.2 m <sup>3</sup>	6.8 yd <sup>3</sup>	5045 mm	16.6 ft
8SU LGP	9.9 m <sup>3</sup>	12.9 yd <sup>3</sup>	4531 mm	14.9 ft

Dimensions						
	Standard		Non-Suspended		LGP	
Width of Tractor (without trunnions/standard shoe width)	2693 mm	106.0 in	2693 mm	106.0 in	3302 mm	130.0 in
Machine Height to ROPS** (to top of railing)	3566 mm	140.4 in	3575 mm	140.7 in	3566 mm	140.4 in
Length of Track on Ground	3206 mm	126.2 in	3258 mm	128.3 in	3206 mm	126.2 in
Length of Basic Tractor (tag link trunnion to tip of rear grouser)*	4647 mm	183.0 in	4647 mm	183.0 in	4647 mm	183.0 in
Ground Pressure	89.6 kPa	13.0 psi	89.6 kPa	13.0 psi	53.3 kPa	7.7 psi
Ground Clearance	613 mm	24.1 in	606 mm	23.8 in	613 mm	24.1 in

\*Add the following measurements for attachments: Ripper (single shank) 1519 mm/59.8 in; Ripper (multi-shank) 1613 mm/63.5 in; Drawbar 406 mm/16.0 in; SU Blade 1844 mm/72.6 in; U Blade 2241 mm/88.2 in; A Blade (not angled) 2027 mm/79.8 in; A Blade (angled 25 degrees) 3068 mm/120.8 in.

\*\*When Cat Grade Control 3D antennas are installed, overall machine height increases by approximately 82 mm/3.2 in.

Service Refill Capacities		
Fuel Tank	627 L	165 gal
Diesel Exhaust Fluid Tank	24 L	6.3 gal
Cooling System	86 L	22.7 gal
Engine Crankcase*	38 L	10 gal
Power Train	155 L	41 gal
Final Drives (each)	12.5 L	3.3 gal
Roller Frames (each)	65 L	17.2 gal
Pivot Shaft Compartment	40 L	10.6 gal
Hydraulic Tank	75 L	19.8 gal
*With oil filter		

Operating Weight		
Standard	39 420 kg	86,900 lb
LGP	37 420 kg	82,496 lb

Transmission		
1 Forward	3.4 km/h	2.1 mph
2 Forward	6.1 km/h	3.8 mph
3 Forward	10.6 km/h	6.6 mph
1 Reverse	4.5 km/h	2.8 mph
2 Reverse	8 km/h	5 mph
3 Reverse	14.2 km/h	8.8 mph
Drawbar Pull		
1 Forward	661.1 kN	148 lbf
2 Forward	363.1 kN	81 lbf
3 Forward	197.5 kN	44 lbf

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