

## Cat D9T Bulldozer – Overview & Specifications (Metric Converted)

The Cat D9T is globally recognised for its exceptional productivity, legendary reliability, and unmatched operator comfort. Designed to thrive in the harshest conditions, the D9T is a true workhorse suited to heavy construction, quarrying, landfills, forestry, and mining applications.

With its proven Cat C18 powerplant, durable undercarriage, intelligent hydraulic systems, and world-class dealer support, the Cat D9T continues its legacy as the backbone machine for operators who demand maximum output with minimum downtime.

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### ENGINE – Cat C18 (Tier 4 Final / Stage IV)

- Model: Cat® C18 ACERT
- Net Power (SAE J1349 / ISO 9249): 325 kW (436 HP)
- Gross Power (SAE J1995): 350 kW (469 HP)
- ISO 14396 Power: 343 kW (460 HP)
- Bore: 145 mm
- Stroke: 183 mm
- Displacement: 18.1 L
- Emissions: U.S. EPA Tier 4 Final / EU Stage IV compliant

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### WEIGHTS

- Operating Weight: 48 356 kg
- Shipping Weight: 36 310 kg

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### UNDERCARRIAGE

- Shoe Type: Extreme Service
- Shoe Width: 610 mm

- Shoes per Side: 43
- Grouser Height: 84 mm
- Track Pitch: 239 mm
- Ground Clearance: 597 mm
- Track Gauge: 2 250 mm
- Ground Contact Area: 4.24 m<sup>2</sup>
- Track Rollers per Side: 8
- Carrier Rollers: 1 per side
- Track Length on Ground: 3 470 mm

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#### TRANSMISSION – Speeds

- 1st Forward: 3.9 km/h
- 2nd Forward: 6.8 km/h
- 3rd Forward: 11.7 km/h
- 1st Reverse: 4.7 km/h
- 2nd Reverse: 8.4 km/h
- 3rd Reverse: 14.3 km/h

#### Drawbar Pull

- 1st Forward: 716 kN
- 2nd Forward: 400 kN
- 3rd Forward: 222 kN

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#### SERVICE REFILL CAPACITIES (rounded)

- Fuel Tank: 821 L
- Cooling System: 98 L

- Engine Oil (with filters): 37 L
- Power Train: 164 L
- Final Drive (each): 15 L
- Roller Frames (each): 45 L
- Pivot Shaft Compartment: 30 L
- DEF Tank: 36 L
- Hydraulic Tank: 89 L

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## HYDRAULIC SYSTEM

- Pump Type: Piston-type, flywheel-driven
- Steering Pump Output: 386 L/min
- Implement Pump Output: 227 L/min
- Tilt Cylinder Flow (Rod End): 140 L/min
- Tilt Cylinder Flow (Head End): 189 L/min
- Tilt Cylinder Relief: 19 300 kPa
- Lift & Ripper Relief: 26 200 kPa
- Steering System Pressure: 40 500 kPa

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## SAFETY STANDARDS

- FOPS: ISO 3449:2005 Level II
- ROPS: SAE J1040 (May 94) / ISO 3471:1994 compliant

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## DIMENSIONS (Metric)

### Heights

- Cab Height (FOPS): 3 822 mm
- ROPS/Canopy Height: 4 000 mm
- Top of Stack: 3 997 mm

#### Widths

- Without Trunnions (Std Shoe): 2 880 mm
- Over Trunnions: 3 298 mm

#### Lengths

- Basic Tractor: 4 910 mm
- With Drawbar: 5 181 mm
- With SU-Blade: 6 880 mm
- With Single-Shank Ripper: 6 528 mm
- SU-Blade + SS Ripper (Overall): 8 230 mm

#### Other Measurements

- Drawbar Height: 762 mm
- Track Gauge: 2 250 mm
- Track on Ground: 3 470 mm
- Ground Clearance: 594 mm