### Engine

<table>
<thead>
<tr>
<th>Feature</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Engine Model</td>
<td>Cat® C18 ACERT™</td>
</tr>
<tr>
<td>Gross Power</td>
<td>334 kW, 448 hp</td>
</tr>
<tr>
<td>Flywheel Power</td>
<td>306 kW, 410 hp</td>
</tr>
<tr>
<td>Net Power ISO 14396</td>
<td>329 kW, 441 hp</td>
</tr>
</tbody>
</table>

### Weights

<table>
<thead>
<tr>
<th>Feature</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Shipping Weight</td>
<td>37,792 kg / 83,317 lb</td>
</tr>
<tr>
<td>Operating Weight</td>
<td>50,098 kg / 110,447 lb</td>
</tr>
</tbody>
</table>
The durable construction of the D9T is well suited for tough working conditions. It has excellent productivity, optimal operator comfort and robust reliability. Today’s D9T will help you meet your business objectives every day.
C18

Performing at full-rated net power of 306 kW (410 hp), the large displacement and high torque rise allow the D9T to rip through tough material. Matched to the high-efficiency torque converter and electronically controlled power shift transmission, it will provide years of reliable service.

ADEM™ A4 Engine Controller

Manages fuel delivery for optimal performance per liter (gallon) of fuel used. Provides flexible fuel mapping, allowing the engine to respond quickly to application needs. Tracks conditions and keeps engine operating at peak efficiency.

ATAAC and Airflow

Air-to-air aftercooling keeps air intake temperatures down and, in concert with the tight tolerance combustion chamber components, maximizes fuel efficiency and minimizes emissions. Significant improvements in air flow are generated by a water-cooled turbocharger, unique cross-flow head and single overhead cam.

Turbocharging and Air-to-Air Aftercooling

Provides high horsepower with faster response time while keeping intake temperatures low for long hours of continuous operation.

Fuel Heater (optional)

Uses the temperature of the engine coolant to warm the cold fuel coming directly from the tank. The fuel heater allows an easier transition to winter blended fuels during season changes.

High Altitude Arrangement (optional)

New with the D9T is an optional high altitude arrangement. The attachment provides an updated turbo and control software that allows full tractor performance up to 4420 m (14,500 ft) altitude.
Cooling System
Durable and efficient

Aluminum Bar Plate Radiator
Cooling system uses a radiator built with rugged, highly efficient aluminum bar plate cores. The aluminum bar plate construction aids durability and allows for higher heat transfer and superior corrosion resistance.

Hydraulic Air to Oil Cooler
The new air to hydraulic oil cooler reduces hydraulic oil temperatures improving component life. The core is built using the same rugged aluminum bar plate design as the jacket water cooler. It is designed in-line with the water cores to minimize debris plugging in all applications.

Hydraulically Variable, Demand Fan
Provides engine cooling capability that is matched to the ambient conditions. In cooler conditions, the fan turns at a slower speed, reducing power demands. This reduces fuel consumption in lower load factor operations. Low speed fan operation also reduces both operator and spectator sound levels.

Attachments
- Ultra low speed option for cold weather applications
- Reversing cooling fan for heavy debris applications
Operator Station
Comfort and convenience

The D9T cab is designed and equipped for operator productivity, safety and comfort. The standard isolation-mounted cab reduces noise and vibration. Overall operator sound levels have been reduced by 2 dB(A). Large windows, tapered hood, and notched fuel tank provide excellent visibility to all sides of the machine and around the job site.

The D9T comes with an updated in-dash display with new features. An improved Advisor Monitoring System tracks machine operating conditions in real time. Dimmable lights allow the operator to choose between night and day backlight settings, through Advisor, to adjust the brightness of all switches and the keypad in the cab.

Operators will enjoy comfort features like standard Cat Comfort Series Seat, adjustable arm rests and automatic climate control. The climate control system automatically adjusts heater and air conditioning controls to maintain a consistent cab temperature throughout the day. Both heater and air conditioner deliver filtered, pressurized, temperature controlled air to the operator and/or windows. The system performs 5 functions: heating, cooling, defrosting, pressurizing and defogging.

Additional cab features include:

- Entertainment radio ready and IPOD/MP3 player ready
- Communications radio mounting
- Finishes that make the cab easy to clean
- Heated and ventilated seat option
- Deep storage space
- Two cup holders
- Window wipers (intermittent, low and high speeds)
Implement and Steering Controls
Ergonomically designed for ease of operation

Dozer Control Lever
A low-effort electronic dozer control handle gives the operator control of all dozer functions with one hand. Fore/aft movement of the control handle lowers and raises the blade. Left/right movement directionally tilts the blade. Blade response and blade float can be set/adjusted using the Advisor System.

The thumb lever at the top of the handle and trigger switch controls blade pitch fore and aft when equipped with dual tilt. Dual tilt also provides automated blade assist control capability.

Electronic Ripper Control
A rigidly mounted handgrip provides firm support for the operator even when ripping in the roughest terrain.

The low effort thumb lever controls raising and lowering. The finger lever controls shank-in and shank-out positioning.

Performance Monitor
The monitoring system collects machine data and provides real-time feedback on machine productivity to optimize performance. Data summaries can be sent to off-board tools for site managers to review.

Terrain for Grading (optional)
Provides high precision management of dozing and grading applications for enhanced safety, productivity and efficiency.

The system enables an electronic site plan to be sent to the machine from the office in real-time, directing the operator where to cut and fill.

Automatic Ripper Control (optional)
A new feature that reduces operator fatigue and decreases wear and tear on the machine. This is done by monitoring the tractor ground speed with the new cab mounted Global Navigation Satellite System (GNSS) to automatically adjust engine speed and ripper depth to minimize track slip.

Autocarry (optional)
Enhances operators productivity by continuously monitoring ground speed and automatically adjusts blade load.

Cat Grade Control (optional)
Integrates traditional machine control and guidance with machine hardware and software to help improve productivity, usability, reliability and value.

Cat Grade Control software is enhanced to not only automatically guide the blade to the desired design contours, but also integrated with Autocarry to sense and automatically control the load of the blade for improved performance and efficient blade loading in high production dozing applications.
Undercarriage
Engineered for performance

Suspended Undercarriage Design
Absorbs impact loads, to reduce the shock loads transferred to the undercarriage, by up to 50%.

Bogie Suspension
Bogie suspension conforms closely to the ground providing up to 15 percent more ground contact, especially in uneven terrain. Higher traction means less slippage, better balance, and a smoother ride.

Integrated Carrier Roller Mount
The carrier roller mount is cast into the track roller frame making it easier to add the optional carrier roller in the field, if conditions require it.

Rollers and Idlers
Feature symmetric Duo-Cone™ seals for long sealing life to prevent oil loss and dirt entry. Toric rings maintain performance over a wide range of temperatures.

Roller Frames
Roller frames are tubular to resist bending and twisting, with added reinforcement.

Positive Pin Retention (PPR) Sealed and Lubricated Track
Designed for high-impact and high load applications, the Caterpillar design locks the link to the pin.

Sprocket Segments
Made exclusively of Cat Tough Steel™ for longer wear life and precision machined for fit.

Track Shoes
Track shoes are available in a variety of sizes and styles to match working conditions.
**Drive Train**

Provides maximum efficiency in combination with the C18 engine

**Torque Converter**

A high efficiency torque converter with fixed stator provides high torque multiplication while shielding the drive train from sudden torque shocks and vibration.

**Planetary Power Shift Transmission**

Three speeds forward and three speeds reverse, utilizing large diameter, high capacity, oil-cooled clutches.

- Modulation system permits fast speed and direction changes.
- Modular transmission and differential slide into rear case for servicing ease, even with ripper installed.
- Oil-to-water cooler for maximum cooling capacity.
- Forced oil flow lubricates and cools clutch packs to provide maximum clutch life.

**Differential Steering System**

A planetary differential turns the machine by speeding up one track and slowing the other, while maintaining full power to both. The system consists of:

- Two planetary gear sets (steering and drive) make up the “dual differential,” which performs the traditional drive function (forward or reverse).
- A third planetary gear set, the “equalizing planetary,” resides inside the transmission case. It is connected to the dual differential, which provides a maximum speed difference between the right and left final drives during a turn.
- A dedicated variable-displacement steering pump.
- A bi-directional, fixed-displacement steering motor.

**Drawbar Pull vs. Speed**

As loads on the tractor increase, the D9T offers unmatched lugging capability and smooth shifting as the need occurs to change gears under varying loads. Drive train offers excellent runout speeds and accurate steering capability under load.

**Enhanced Auto Shift**

Enhanced Auto Shift is a new standard feature that improves fuel efficiency by automatically selecting the optimal forward and reverse gear and engine speed combination based upon powertrain load and desired ground speed.

**Modular Powertrain**

The modular powertrain design permits quick removal and installation of major components such as the engine, transmission and final drives.
**Structure**

Engineered for maximum production and service life

**Mainframe Strength**
The D9T mainframe is built to absorb high impact shock loads and twisting forces.

**Frame Rails**
Full box section, designed to keep components rigidly aligned.

**Heavy Steel Castings**
Adds strength to the main case, equalizer bar saddle, front cross member and tag-link trunnion.

**Top and Bottom Rails**
Continuous rolled sections, with no machining or welding, to provide superior mainframe durability.

**Pivot Shaft**
The D9T pivot shaft runs through the mainframe and connects to the roller frames, allowing independent oscillation. The full-length pivot shaft distributes impact loads throughout the case, reducing the bending stress on the case.

**Tag-Link**
The Tag-Link brings the blade closer to the machine for more precise dozing and load control.
The Tag-Link design provides solid lateral stability and better cylinder positions for constant break out force, independent of blade height.

**Main Case**
Elevates the final drives well above the ground level work area to protect them from impact loads, abrasion and contamination.
**Work Tools**

Equipped for versatility

---

**Bulldozers**

All blades feature a strong box-section design that resists twisting and cracking. Blades are made of high tensile strength steel that stands up to the most severe applications. Heavy moldboard construction and hardened bolt-on cutting edges and end bits add strength and durability.

- Semi-Universal Blade – Built for tough applications where penetration is important.
- High-Capacity Universal Blade – Maximizes capacity for moving big loads over long distances.
- Optional Dual Tilt – Allows the operator to optimize the blade pitch angle.
- Cutting Edges and End Bits – Cutting edges are made of DH-2 steel. End bits are made of DH-3™ steel for maximum service life.
- Cat Work Tools offer a range of special application blades.

**Rippers**

- Multi-Shank Ripper – Tailors the tractor to the material by using one, two or three shanks.
- Single-Shank Ripper – Operator can adjust the shank depth from the seat using an optional single-shank pin puller. Large one-piece shank is available in deep ripping configuration.

**Rear Counterweights**

Provide proper tractor balance to maximize dozing production. Recommended if tractor is not equipped with any other rear attachment.

**Winches**

Several options are available. Contact your Cat dealer.
Safety
Important for the most productive business

Operator Presence Detection
This new feature locks out the powertrain and hydraulics to avoid unintentional movement when the operator is mounting and dismounting the machine.

Fender Guard Rails
Standard heavy duty guard rails are strategically placed to aid the operator outside of the cab.

Heavy Duty Steps and Handles
Strategically placed grab handles plus non-slip steps and decking aid operator getting on and off the machine. Primary access/egress path meets specifications outlined in ISO 2867:2006.

Visibility Package (optional)
The D9T offers a visibility package that enhances the operator’s visibility of their surroundings and provides a broader view of the work area. The packages include a WAVS camera system and mirrors inside and outside the cab.

Sustainability
Thinking generations ahead

The new D9T offers a number of sustainable benefits:

- Fuel saving features like Enhanced Auto Shift help decrease overall fuel consumption. Decreases in fuel consumption result in a decrease in combustion of carbon, thus reducing greenhouse gases.

- Ecology drains allow fluids to be easily captured for recycling or proper disposal.

- The D9T is Grade Control Ready for easy installation of machine control and guidance systems like AccuGrade and Cat Grade Control. These systems improve operator productivity, as well as save fuel and wear and tear on the machine. The need for grade checking crews on the ground is eliminated which increases site safety.

- Ground level service centers enhance safety for operators and service personnel.

- Major components of Cat Track-Type Tractors are built to be rebuilt. The Cat Certified Rebuild program conserves energy and materials by delivering a cost effective second, and even third, life for Cat machines.
Serviceability and Customer Support
The Cat dealer network keeps your fleet up and running

S-O-S\textsuperscript{SM} Analysis
Scheduled Oil Sampling made easier through live sampling ports for the engine oil, hydraulics and coolant.

VIMS 3G
Enables your equipment to provide detailed, up-to-the-minute data about its own health and working conditions by monitoring key temperatures, pressures, and more. The system gathers historical trends, histograms, events and more for off-board analysis. Additional subscription required.

Ground Level Service
The ground level service center mounted on the left fender provides easy access to:
- Secondary engine shutoff
- Access lighting switch turns on the forward ROPS lights to light the access path to the machine. The lights will stay on until you start the tractor or when a configurable timer expires (10 minute default).
- Delayed lighting turns on the forward ROPS lights to light the path when getting off the machine.
- Electrical disconnect switch with built in lockout capability
- Hour meter

Ok-to-Start
The new Ok-to-Start strategy provides electronic fluid level verification at startup on the powertrain, engine coolant and engine oil systems. All information is available via the Advisor Monitoring System within the cab.

Parts Program
You will find nearly all parts at your dealer parts counter. Cat dealers use a world-wide computer network to find in-stock parts to minimize machine downtime. Ask about your Cat dealer’s exchange program for major components. This can shorten repair time and lower costs.

Remanufactured Components
Genuine Cat Remanufactured parts save you money. You receive the same warranty and reliability as new products at cost savings of 40 to 70 percent. Components are available for the drive train, engine, and hydraulics.
### Dimensions

All dimensions are approximate. Dimensions measured from grouser tip of standard shoe on hard surface.

<table>
<thead>
<tr>
<th>1</th>
<th>Ground Clearance</th>
<th>595 mm</th>
<th>23.4 in</th>
</tr>
</thead>
<tbody>
<tr>
<td>2</td>
<td>Track Gauge</td>
<td>2250 mm</td>
<td>88.6 in</td>
</tr>
<tr>
<td>3</td>
<td>Width Without Trunnions (Standard Shoe)</td>
<td>2931 mm</td>
<td>115.4 in</td>
</tr>
<tr>
<td>4</td>
<td>Width Over Trunnions</td>
<td>3309 mm</td>
<td>130.3 in</td>
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<tr>
<td>5</td>
<td>Height (FOPS Cab)</td>
<td>3818 mm</td>
<td>150.3 in</td>
</tr>
<tr>
<td>6</td>
<td>Height (Top of Stack)</td>
<td>3932 mm</td>
<td>154.8 in</td>
</tr>
<tr>
<td>7</td>
<td>Height (ROPS/Canopy)</td>
<td>3996 mm</td>
<td>157.3 in</td>
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<tr>
<td>8</td>
<td>Drawbar Height (Center of Clevis)</td>
<td>763 mm</td>
<td>30.0 in</td>
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<tr>
<td>9</td>
<td>Length of Track on Ground</td>
<td>3474 mm</td>
<td>136.8 in</td>
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<tr>
<td>10</td>
<td>Overall Length Basic Tractor</td>
<td>4911 mm</td>
<td>193.3 in</td>
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<tr>
<td>11</td>
<td>Length Basic Tractor with Drawbar</td>
<td>5242 mm</td>
<td>206.4 in</td>
</tr>
<tr>
<td>12</td>
<td>Length Basic Tractor with Winch</td>
<td>5545 mm</td>
<td>218.3 in</td>
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<tr>
<td>13</td>
<td>Length with SU-Blade</td>
<td>6601 mm</td>
<td>259.9 in</td>
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<td>14</td>
<td>Length with U-Blade</td>
<td>6967 mm</td>
<td>274.3 in</td>
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<tr>
<td>15</td>
<td>Length with Single-Shank Ripper</td>
<td>6529 mm</td>
<td>257.0 in</td>
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<tr>
<td>16</td>
<td>Length with Multi-Shank Ripper</td>
<td>6538 mm</td>
<td>257.4 in</td>
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<tr>
<td>17</td>
<td>Overall Length (SU-Blade/SS Ripper)</td>
<td>8219 mm</td>
<td>323.6 in</td>
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</table>
### Engine

<table>
<thead>
<tr>
<th>Engine Model</th>
<th>Cat® C18 ACERT™</th>
</tr>
</thead>
<tbody>
<tr>
<td>Gross Power</td>
<td>334 kW 448 hp</td>
</tr>
<tr>
<td>Net Power</td>
<td></td>
</tr>
<tr>
<td>ISO 9249</td>
<td>306 kW 410 hp</td>
</tr>
<tr>
<td>ISO 14396</td>
<td>329 kW 441 hp</td>
</tr>
<tr>
<td>SAE J1349</td>
<td>306 kW 410 hp</td>
</tr>
<tr>
<td>EU 80/1269</td>
<td>306 kW 410 hp</td>
</tr>
<tr>
<td>DIN 70020</td>
<td>428 PS</td>
</tr>
</tbody>
</table>

**Bore** 145 mm 5.7 in

**Stroke** 183 mm 7.2 in

**Displacement** 18.1 L 1,106 in³

- Engine ratings apply at 1,833 rpm.
- Net power advertised is the power available at the flywheel when the engine is equipped with fan at max speed, air cleaner, muffler and alternator.
- No derating required up to 2,286 m (7,500 ft) altitude. High altitude attachment available for greater than 2,286 m (7,500 ft).

### Weights

| Operating Weight | 50,098 kg 110,447 lb |
| Shipping Weight | 37,792 kg 83,317 lb |

**Operating Weight:** Includes hydraulic controls, blade tilt cylinder, coolant, lubricants, full fuel tank, ROPS, FOPS cab, SU-Blade, Single-Shank Ripper, 610 mm (24 in) ES shoes, and operator.

**Shipping Weight:** Base machine chassis with cab, pivot shaft, roller frames, track and ROPS.

### Service Refill Capacities

| Fuel Tank | 889 L 235 gal |
| Cooling System | 101 L 26.7 gal |
| Engine Crankcase* | 34 L 9 gal |
| Powertrain | 164 L 43.4 gal |
| Final Drives (each) | 15 L 3.9 gal |
| Roller Frames (each) | 45 L 11.7 gal |
| Pivot Shaft | 30 L 7.9 gal |
| Hydraulic Tank Oil (only) | 89 L 23.5 gal |

*With oil filters.

### Undercarriage

| Shoe Type | Extreme Service |
| Width of Shoe | 610 mm 24 in |
| Grouser Height | 84 mm 3.3 in |
| Pitch | 240 mm 9.44 in |
| Ground Clearance | 596 mm 23.5 in |
| Track Gauge | 2250 mm 89 in |
| Length of Track on Ground | 3474 mm 11 ft 5 in |
| Ground Contact Area | 4.24 m² 6,569 in² |
| Track Rollers/Side | 8 |
| Number of Carrier Rollers | 1 per side (optional) |

- **Positive Pin Retention Track.**

### Hydraulic Controls

| Pump Type | Piston-type pump geared from flywheel |
| Pump Output (Steering) | 387 L/min 102 gal/min |
| Pump Output (Implement) | 226 L/min 60 gal/min |
| Tilt Cylinder Rod End Flow | 140 L/min 37 gal/min |
| Tilt Cylinder Head End Flow | 188 L/min 50 gal/min |
| Bulldozer Relief Valve Setting | 26 200 kPa 3,800 psi |
| Tilt Cylinder Relief Valve Setting | 19 300 kPa 2,800 psi |
| Ripper (Lift) Relief Valve Setting | 26 200 kPa 3,800 psi |
| Ripper (Pitch) Relief Valve Setting | 26 200 kPa 3,800 psi |
| Steering | 40 500 kPa 5,875 psi |
| Tank Capacity | 89 L 23.5 gal |

- Steering Pump output measured at 2,239 rpm and 30 000 kPa (4,351 psi).
- Implement Pump output measured at 1,800 rpm and 20 000 kPa (2,900 psi).
- Electro-hydraulic pilot valve assists operations of ripper and dozer controls. Standard hydraulic systems includes four valves.
- Complete system consists of pump, tank with filter, oil cooler, valves, lines, linkage and control levers.

### Transmission

| 1 Forward | 3.9 km/h 2.4 mph |
| 2 Forward | 6.8 km/h 4.2 mph |
| 3 Forward | 11.7 km/h 7.3 mph |
| 1 Reverse | 4.7 km/h 2.9 mph |
| 2 Reverse | 8.4 km/h 5.2 mph |
| 3 Reverse | 14.3 km/h 8.9 mph |
| 1 Forward – Drawbar Pull (1000) | 716.5 N 161 lbf |
| 2 Forward – Drawbar Pull (1000) | 400.5 N 90 lbf |
| 3 Forward – Drawbar Pull (1000) | 222.5 N 50 lbf |
## Blades

<table>
<thead>
<tr>
<th>Type</th>
<th>9SU</th>
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</thead>
<tbody>
<tr>
<td>Capacity (SAE J1265)</td>
<td>13.5 m³ 17.7 yd³</td>
</tr>
<tr>
<td>Width (over end bits)</td>
<td>4310 mm 14 ft 2 in</td>
</tr>
<tr>
<td>Height</td>
<td>1934 mm 6 ft 4 in</td>
</tr>
<tr>
<td>Digging Depth</td>
<td>606 mm 23.9 in</td>
</tr>
<tr>
<td>Ground Clearance</td>
<td>1422 mm 56 in</td>
</tr>
<tr>
<td>Maximum Tilt</td>
<td>940 mm 37 in</td>
</tr>
<tr>
<td>Weight* (without hydraulic controls)</td>
<td>6863 kg 15,130 lb</td>
</tr>
<tr>
<td>Total Operating Weight** (with Blade and Single-Shank Ripper)</td>
<td>50 098 kg 110,447 lb</td>
</tr>
</tbody>
</table>

## Rippers

<table>
<thead>
<tr>
<th>Type</th>
<th>Single-Shank, Adjustable Parallelogram</th>
</tr>
</thead>
<tbody>
<tr>
<td>Added Length</td>
<td>1570 mm 5 ft 2 in</td>
</tr>
<tr>
<td>Number of Pockets</td>
<td>1</td>
</tr>
<tr>
<td>Maximum Clearance Raised (under tip, pinned in bottom hole)</td>
<td>882 mm 34.7 in</td>
</tr>
<tr>
<td>Maximum Penetration (standard tip)</td>
<td>1231 mm 48.5 in</td>
</tr>
<tr>
<td>Maximum Penetration Force (shank vertical)</td>
<td>153.8 kN 34,581 lb</td>
</tr>
<tr>
<td>Pry out Force</td>
<td>320.5 kN 72,025 lb</td>
</tr>
<tr>
<td>Weight (without hydraulic controls)</td>
<td>4854 kg 10,700 lb</td>
</tr>
<tr>
<td>Total Operating Weight* (with SU-Blade and Ripper)</td>
<td>50 098 kg 110,447 lb</td>
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</tbody>
</table>

## Winches

<table>
<thead>
<tr>
<th>Winch Model</th>
<th>PA140VS</th>
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</thead>
<tbody>
<tr>
<td>Weight*</td>
<td>1790 kg 3,947 lb</td>
</tr>
<tr>
<td>Oil Capacity</td>
<td>15 L 4 gal</td>
</tr>
<tr>
<td>Increased Tractor Length</td>
<td>557 mm 21.9 in</td>
</tr>
<tr>
<td>Overall Winch</td>
<td>1227 mm 48.3 in</td>
</tr>
<tr>
<td>Drum Width</td>
<td>326 mm 12.9 in</td>
</tr>
<tr>
<td>Flange Diameter</td>
<td>610 mm 24 in</td>
</tr>
</tbody>
</table>

- **Variable speed, hydraulically driven, dual braking system, three-roller fairlead.**
- **Weight:** Includes pump and operator controls. With counterweight: 3705 kg (8,169 lb).

## Standards

- **ROPS/FOPS**
  - **FOPS** (Falling Object Protective Structure) meets SAE J/ISO 3449 APR98 Level II, and ISO 3449:2005 Level II.

## Sound

- **Operator sound exposure Leq (equivalent sound pressure level) measured according to the work cycle procedures specified in ANSI/SAE J1166 OCT 98 is 77 dB(A), for cab offered by Caterpillar, when properly installed and maintained and tested with the doors and windows closed.**
- **The exterior sound pressure level for the standard machine measured at a distance of 15 meters according to the test procedures specified in SAE J88 APR95, mid-gear-moving operation, is 87 dB(A).**
Standard equipment may vary. Consult your Cat dealer for details.

**ELECTRICAL**
- Alternator, 95-amp
- Back-up alarm
- Batteries (2), 12-volt, 200 amp-hour
- Converter, 12-volt, 10-amp and 20 amp
- Diagnostic connector
- Horn, forward warning
- Light, engine compartment
- Lighting system, Halogen
- Starting receptacle

**POWERTRAIN**
- Aftercooler, air-to-air
- Air filter, with precleaner
- Aluminum bar plate cooling system
- C18 with ACERT Technology
  - 24-volt electric start
- Controlled throttle shifting
- Coolant, extended life
- Directional shift management
- Engine idle shutdown timer
- Ether starting aid, automatic
- Fast fuel system
- Fuel priming pump, electric
- High speed oil change system, engine and powertrain
- Muffler
- Parking brake, electronic
- Prescreener
- Separator, water/fuel
- Three planet, double-reduction planetary final drives
- Torque converter
- Transmission, electronic control (ECPC), (3F/3R speeds)

**SAFETY AND SECURITY**
- Fender guard rails
- Heavy duty steps and handles
- Operator presence detection

**OPERATOR ENVIRONMENT**
- Advisor-electronic monitoring system
- Air conditioner and heater
- Armrest, adjustable
- Cab, FOPS
- Deactivation switch, hydraulic controls
- Decelerator pedal
- Governor switch, electronic
- Hydraulic system, electronically controlled for bulldozer and ripper control
- Mirror, rearview
- MP3/IPOD ready
- Radio ready, entertainment
- ROPS, rollbar
- Seat belt, retractable 76 mm (3 in)
- Wipers, intermittent low and high speeds

**UNDERCARRIAGE**
- Rollers and idlers, lifetime lubricated
- Sprocket rim segments, replaceable
- Suspension-type undercarriage
  - Eight-roller tubular track roller frame
- Track adjusters, hydraulic
- Track guides
- Two-piece master link

**OTHER STANDARD EQUIPMENT**
- CD ROM Parts Book
- Ecology drains
- Fluid sampling ports
- Grade Control Ready
- Ground level service center
- Vandalism protection (8 caplocks)
Optional equipment may vary. Consult your Cat dealer for details.

**ELECTRICAL**

Lights, supplemental:
- 6 Halogen
- 9 HID
- 10 Halogen

**GUARDS**

Bottom:
- Front
- Partial
- Sealed

Dozer lines

Final drive seals

Fuel tank

Powertrain, rear lower

Powertrain, rear upper

Striker bar, front

Undercarriage

**POWERTRAIN**

Final drives:
- Cold weather
- Guarded
- Waste handling
- High altitude arrangement

**UNDERCARRIAGE**

Arrangements:
- Abrasion
- Cold weather
- Waste handling

Tracks, pair, Sealed and Lubricated:
- 560 mm (22 in), Extreme Service
- 610 mm (24 in), Extreme Service
- 685 mm (27 in), Extreme Service
- 760 mm (30 in), Moderate Service

**OPERATOR ENVIRONMENT**

Cab glass:
- 276 kPa (40 psi) with precleaner
- Dual pane with precleaner

Operators arrangements:
- Modified (Improves comfort for smaller operators)
- Quick opening

Seat:
- Heated and ventilated seat
- Vinyl
- Visibility package
- Window shades

**SPECIAL ARRANGEMENTS**

High debris

Sound

Stockpile

Waste handling

**BULLDOZER ATTACHMENTS**

9U Abrasion

9U Blade

9SU Abrasion

9SU Blade

9U Landfill

9SU Landfill

Dual tilt

**RIPPER ATTACHMENTS**

Counterweight, rear

Drawbar, rear

Multi Shank:
- Standard

Ripper attachments:
- Additional tooth (for multi-shank ripper)
- Pin puller

Single Shank:
- Deep
- Standard

**TECHNOLOGY PRODUCTS**

AccuGrade

Autocarry

Cat Grade Control

Terrain for Grading

VIMs with Product Link

**OTHER ATTACHMENTS**

Heater, engine coolant

Heater, fuel

Low temperature start (includes two additional heavy-duty batteries and additional starting motor)

Prelube, engine

Winch*

*A rear attachment and/or counterweight is recommended for improved performance and balance.