### 321C LCR
**Hydraulic Excavator**

<table>
<thead>
<tr>
<th>Engine</th>
<th>Operating Weight</th>
<th>23 525 kg</th>
<th>51,864 lb</th>
</tr>
</thead>
<tbody>
<tr>
<td>Engine Model</td>
<td>3066T ATAAC</td>
<td>ISO 9249</td>
<td>103 kW</td>
</tr>
<tr>
<td>Weights</td>
<td>Operating Weight – Minimum</td>
<td>22 868 kg</td>
<td>50,416 lb</td>
</tr>
<tr>
<td>Bucket Linkage</td>
<td>Base Machine, Reach Boom, R2.9 (9 ft 6 in) Stick, 1067 mm (42 in) GP Bucket, 600 mm (24 in) TG Shoes</td>
<td></td>
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<tr>
<td>Drive</td>
<td>Maximum Drawbar Pull</td>
<td>196 kN</td>
<td>44,063 lb</td>
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<tr>
<td></td>
<td>Maximum Travel Speed</td>
<td>5.5 kph</td>
<td>3.4 mph</td>
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</tbody>
</table>

- **Engine**: 3066T ATAAC ISO 9249
  - 103 kW (138 hp)

- **Weights**
  - Operating Weight – Minimum: 22 868 kg (50,416 lb)

- **Drive**
  - Maximum Drawbar Pull: 196 kN (44,063 lb)
  - Maximum Travel Speed: 5.5 kph (3.4 mph)
321C LCR Hydraulic Excavator
The C Series incorporates innovations for improved performance and versatility.

### Compact Radius
The 321C LCR features a compact radius, making it ideal for working in urban construction where space is often restricted. pg. 4

### Engine and Hydraulics
The Cat® 3066T engine combines with proven hydraulics to give the 321C LCR consistently high power and control in a variety of applications. pg. 5

### Structures
Rugged Caterpillar® undercarriage design and proven structural manufacturing techniques assure outstanding durability in the toughest applications. pg. 6

### Complete Customer Support
Your Cat dealer offers a wide range of services that can be set up under a Customer Support Agreement when you purchase or lease your equipment. The dealer can help you choose a plan that can cover everything from machine configuration to eventual replacement. pg. 12

The 321C LCR offers a compact radius and improved performance, versatility and styling.
Serviceability

Longer service intervals and easier maintenance result in better machine availability and lower owning and operating costs. pg. 7

Operator Station

An enlarged cab and new right window design enhance visibility and operator comfort. The 321C LCR offers a sliding door system that allows easy operator access, even in tight quarters. All operator controls are designed for smooth, low-effort operation and easy reach. pg. 8

Work Tools – Attachments

The 321C LCR provides greater versatility by offering factory installed hydraulics, couplers, and a variety of bucket types and sizes. pg. 10
Compact Radius
Compact radius design delivers top performance in tight quarters.

Compact Radius Design. The 321C LCR features a compact radius, making it ideal for working in tight areas such as: next to buildings, highway construction – limiting lane closures, logging roads and other tight areas where space is restricted.

Operator Confidence. Due to the 321C LCR’s compact working envelope, operators can work in confidence that the counterweight will not swing into any object behind them, which allows the operator to concentrate on the task at hand.

Working Envelope. The 321C LCR has been designed to rotate with little to none of the counterweight extending beyond its tracks, and working within its width. To further minimize the working envelope, the 321C LCR’s boom is positioned further back in the upper frame as compared to a standard excavator. This reduces the front swing radius when the boom is pulled all the way up and the stick is brought back.
Engine and Hydraulics

The Cat 3066T engine and hydraulics give the 321C LCR exceptional power, efficiency, and controllability unmatched in the industry for consistently high performance in all applications.

**Engine.** Six cylinder turbocharged engine built for power, reliability, economy and low emissions will keep the machine up and running. The Cat 3066T engine meets Tier 2 worldwide emissions requirements.

**Automatic Engine Speed Control.** The two-stage one touch control maximizes fuel efficiency and reduces sound levels.

**Low Sound, Low Vibration.** The Cat 3066T design improves operator comfort by reducing sound and vibration.

**Electronic Control Module.** The Electronic Control Module (ECM) works as the “brain” of the engine’s control system, responding quickly to operating variables to maximize engine efficiency. Fully integrated with sensors in the engine’s fuel, air, coolant, and exhaust systems, the ECM stores and relays information on conditions such as rpm, fuel consumption, and diagnostic information.

**Hydraulic Cross Sensing System.** Improves productivity with faster implement speeds and quicker, stronger pivot turns.

**Fine Swing Control.** Fine swing control cushions swing start and stop for better implement control.

**Hydraulic Cylinder Snubbers.** The hydraulic cylinder snubbers at rod-end of boom cylinders and both ends of stick cylinder cushion shocks, reduce sound, and increase cylinder life, keeping the machine working longer.

**Controllability.** The hydraulic system offers precise control to the 321C LCR, reducing operator fatigue, improving operator effectiveness and efficiency, which ultimately translates into enhanced performance.
Robotic Welding. Up to 95% of the structural welds on a Caterpillar hydraulic excavator are completed by robots. Robotic welds achieve up to three times the penetration of manual welds.

Carbody Design and Track Roller Frames. X-shaped, box-section carbody provides excellent resistance to torsional bending. Robot-welded track roller frames are press-formed, pentagonal units that deliver exceptional strength and service life.

Main Frame. Rugged main frame is designed for maximum durability and efficient use of materials.

Undercarriage. Durable Cat undercarriage absorbs stresses and provides excellent stability.

Rollers and Idlers. Sealed and lubricated track rollers, carrier rollers, and idlers provide excellent service life, that keeps the machine in the field longer.

Long Undercarriage. The long (L) undercarriage maximizes stability and lift capacity. This long, wide, and sturdy undercarriage offers a very stable work platform.

Booms and Sticks. Built for performance and long service life, Caterpillar booms and sticks are large, welded, box-section structures with thick, multi-plate fabrications in high stress areas.

Reach Boom. The reach boom features an optimum design that maximizes digging envelopes.

R2.9B Stick. The R2.9B stick is versatile and used in a variety of applications.

Structures
321C LCR structural components and undercarriage are the backbone of the machine’s durability.
**Serviceability**

*Simplified service and maintenance save you time and money.*

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**Extended Service Intervals.** Extended service and maintenance intervals reduce service time and machine availability. Use of oil-free bearing extends front linkage greasing interval to 1000 hours, except in the bucket area, which has been extended to 100 hours.

**Ground-Level Maintenance.** For operator convenience, daily maintenance areas can be easily reached from ground level.

**Pre-Start Monitoring System.** This system allows the operator to check coolant, hydraulic oil and engine oil levels from the monitor inside the cab.

**Anti-Skid “Pressed-Star” Plate.** The top of the storage box and surface of the upper structure are covered with “pressed-star” plate to prevent the service person or operator from slipping during maintenance.

**Handrail and Steps.** Larger handrails and steps make it easier for the operator to climb on and off the machine.

**Fan Guard.** Engine radiator fan and oil cooler are completely enclosed by fine wire mesh, reducing the risk of injury.

**Greasing Points.** A concentrated remote greasing block on the boom delivers grease to hard-to-reach locations.

**Service Doors.** Service doors are located on both sides of the upper structure. The doors make it easy to reach maintenance items such as the engine radiator or any hydraulic components from ground level. Openings are large and service doors latch in the full open position.

**Air Filter.** The air filter features a double-element construction for superior cleaning efficiency. When the air cleaner plugs, a warning is displayed on the monitor screen inside the cab.

**Fuel-Water Separator.** The water separator has a primary fuel filter element and is located in the radiator compartment for easy access from the ground.
Operator Station

The 321C LCR operator workstation is quiet with ergonomic control placement and convenient adjustments, low lever and pedal effort, ergonomic seat design and highly efficient ventilation.
**Cab Design.** An enlarged cab with curved styling gives the operator a comfortable, spacious working environment and excellent visibility.

**Sliding Door.** The cab door slides alongside the cab and takes less space to open and close than a hinged door. This unique design allows the operator to easily get in and out of the cab when working against walls on job sites, even when attachments are added.

**Monitor.** New, compact monitor enhances viewing while displaying a variety of easy to read and understand language-based information.

**Climate Control.** The 321C LCR features a semi-automatic climate control with air intake system. The air conditioner is standard and adjusts temperature and flow.

**Windows.** The enlarged right-side window provides excellent visibility and isolates the operator from the hydraulic lines. The upper cab door window slides open, providing ventilation and allowing the operator to easily communicate with people on the work site.

**Windshields.** The upper front windshield opens, closes, and stores below the roof of the operator with a one-touch action release system. Grips on the mid-lower portion of the front windshield assist in easy opening.

**Skylight.** The pop-up skylight provides improved upward visibility and opens easily with the assistance of a gas cylinder.
Work Tools – Attachments

The 321C LCR provides greater versatility by offering factory installed auxiliary hydraulics, couplers and a variety of bucket types and sizes.

Quick Couplers. The Pin Grabber Plus and the Dedicated Hydraulic Quick Coupler enhances machine versatility by enabling the rapid change over of a wide range of work tools in the field.

General Purpose (GP) Buckets. General Purpose Buckets are best for digging in soft to hard ground with low to moderately abrasive materials.

Ditch Cleaning (DC) Buckets. These wide shallow buckets are best for bank forming, ditch cleaning, and finishing.

Heavy-Duty Rock (HDR) Buckets. Heavy-Duty Rock Buckets perform best when digging fragmented rock, frozen ground, caliche, and highly abrasive materials.

Heavy-Duty (HD) Buckets. Heavy-duty buckets are for digging in moderate to hard material and feature large ground engaging tools, thick cutting edges and thick bottom and side wear plates to improve performance in demanding conditions.

Heavy-Duty Power (HDP) Buckets. Designed to improve breakout force and machine cycle times, the Heavy Duty Power Bucket (HDP) compliments the General Purpose, Heavy Duty, and Heavy Duty Rock bucket lines.
Monitor. With the optional Tool Control System, up to five different tool settings may be pre-programmed and selected from the electronic controller through the monitor.

Vibratory Plate Compactor

Work Tools. Choose from a variety of work tools such as hammers, shears, thumbs, rotators, grapples, or crushers. Ask your Cat dealer for information on attachments or special configurations.

Hammer

Tool Control System. The optional Tool Control System maximizes work tool productivity by configuring hydraulic flow, pressure and operator controls to match a specific work tool. System versatility enables a wide range of tools to be used. Factory installed hammer and thumb circuits are also available as attachments.

Thumb
Selection. Make detailed comparisons of the machines you are considering before you buy. What are the job requirements, machine attachments and operating hours? What production is needed? What is the true cost of lost production? Your Cat dealer can give precise answers to these questions.

Operation. For the best operating techniques to increase productivity and your profit, turn to your Cat dealer for the latest training literature and trained staff.

Maintenance. Repair option programs guarantee the cost of repairs up front. Diagnostic programs such as Scheduled Oil Sampling and Technical Analysis help you avoid unscheduled repairs.

Replacement. Repair, rebuild or replace? Your Cat dealer can help you evaluate the cost involved so you can make the right choice.

Product Support. You will find nearly all parts at our dealer parts counter. Cat dealers utilize a worldwide computer network to find in-stock parts to minimize machine downtime. You can save money with Cat remanufactured components.

Warranty. Your local Cat dealer is there to support and protect you. Extended warranty options are also available.
**Engine**

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<tr>
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<tr>
<td>SAE J1349</td>
<td>102 kW 137 hp</td>
</tr>
<tr>
<td>EEC 80/1269</td>
<td>103 kW 138 hp</td>
</tr>
</tbody>
</table>

**Main Implement System**

- Maximum Flow (2x) 205 L/min 54 gal/min
- Max. pressure – Implements 34 300 kPa 4,974 psi (Full Time)
- Max. pressure – Travel 34 300 kPa 4,974 psi
- Max. pressure – Swing 25 000 kPa 3,625 psi

**Pilot System**

- Maximum flow 41 L/min 11 gal/min
- Maximum pressure 3900 kPa 566 psi

**Boom Cylinder**

- Bore 125 mm 4.92 in
- Stroke 140 mm 5.51 in

**Stick Cylinder**

- Bore 140 mm 5.51 in
- Stroke 1430 mm 56 in

**B Family Bucket Cylinder**

- Bore 120 mm 4.72 in
- Stroke 1030 mm 41 in

**Swing Mechanism**

- Swing Speed 10.6 RPM
- Swing Torque 61.8 kN.m 45,582 lb ft

**Drive**

- Maximum Drawbar Pull 196 kN 44,063 lb
- Maximum Travel Speed 5.5 kph 3.4 mph

**Track**

- Standard w/Long Undercarriage 800 mm 32 in
- Optional 600 mm 24 in
- Optional 700 mm 28 in

**Weights**

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</tr>
</tbody>
</table>

**Service Refill Capacities**

- Fuel Tank Capacity 330 L 87 gal
- Cooling System 32 L 8.5 gal
- Engine Oil 30 L 7.9 gal
- Swing Drive 8 L 2.1 gal
- Final Drive (each) 10 L 2.6 gal
- Hydraulic System (including tank) 260 L 69 gal
- Hydraulic Tank 133 L 35 gal

- Standard hydraulic oil capacity

**Hydraulic System**

- Main Implement System – Maximum Flow (2x) 205 L/min 54 gal/min
- Max. pressure – Implements 34 300 kPa 4,974 psi (Full Time)
- Max. pressure – Travel 34 300 kPa 4,974 psi
- Max. pressure – Swing 25 000 kPa 3,625 psi
- Pilot System – Maximum flow 41 L/min 11 gal/min
- Pilot System – Maximum pressure 3900 kPa 566 psi
- Boom Cylinder – Bore 125 mm 4.92 in
- Boom Cylinder – Stroke 1403 mm 56 in
- Stick Cylinder – Bore 140 mm 5.51 in
- Stick Cylinder – Stroke 1430 mm 56 in
- B Family Bucket Cylinder – Bore 120 mm 4.72 in
- B Family Bucket Cylinder – Stroke 1030 mm 41 in

**The 321C LCR meets worldwide Tier 2 emission requirements.**

**Net power advertised is the power available at the flywheel when the engine is equipped with fan, air cleaner, muffler, and alternator.**

**No engine derating required below 2300 m (7,500 ft) altitude.**
Dimensions
All dimensions are approximate.

1 Tail Swing Radius 1676 mm (5’6”)
2 Length to Centers of Rollers – Long Undercarriage 3650 mm (12’0”)
3 Track Length – Long Undercarriage 4455 mm (14’7”)
4 Ground Clearance 475 mm (1’7”)
5 Track Gauge – Long Undercarriage 2380 mm (7’10”)
6 Shipping Width – Long Undercarriage
   800 mm 3180 mm (10’5”)
   700 mm 3080 mm (10’1”)
   600 mm 2980 mm (9’9”)
7 Shipping Height 3170 mm (10’5”)
8 Shipping Length 8830 mm (29’0”)

Working Ranges

Reach Boom R2.9B

| Stick Length | 2900 mm (9’6”) |
| Bucket | 1 m³ (1.3 yd³) |
| 1 Maximum Reach at Ground Level | 9690 mm (31’9”) |
| 2 Maximum Digging Depth | 6620 mm (21’9”) |
| 3 Minimum Loading Height | 3060 mm (10’0”) |
| 4 Maximum Loading Height | 7980 mm (26’2”) |
| 5 Maximum Vertical Wall Digging Depth | 5930 mm (19’5”) |
| 6 Maximum Cutting Height | 10 920 mm (35’10”) |
| 7 Maximum Depth for Cut for 8’ Level Bottom | 6370 mm (20’11”) |

Bucket Digging Force (ISO) 141 kN (31,700 lb)
   (SAE) 125 kN (28,100)

Stick Digging Force (ISO) 101 kN (22,700 lb)
   (SAE) 98 kN (22,000)
## 321C LCR Bucket Options

<table>
<thead>
<tr>
<th>B Buckets</th>
<th>Capacity* (m²/yard³)</th>
<th>Width (mm/in)</th>
<th>Tip Radius (R2.9B) (mm/in)</th>
<th>Weight (kg/lb)</th>
<th>Teeth Qty</th>
<th>Tip Weight (lb)</th>
<th>Total Weight (lb)</th>
<th>Reach R2.9B</th>
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<tbody>
<tr>
<td>General Purpose Buckets (GP)</td>
<td>151-9856</td>
<td>0.70</td>
<td>0.88</td>
<td>775</td>
<td>30</td>
<td>1626</td>
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<td>24</td>
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<td>1727</td>
<td>68</td>
<td>1143</td>
<td>45.0</td>
<td>786</td>
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</table>

Assumptions for maximum material density rating:
1. Front linkage fully extended at ground line
2. Bucket curled
3. 100% bucket fill factor

* Capacities based on SAE J296. Some calculations of capacity fall on borderlines.

Rounding may allow two buckets to have the same English rating, but different metric ratings.

## 321C LCR Bucket and Stick Forces

### Power Buckets

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<thead>
<tr>
<th>Stick</th>
<th>R2.9B (9'6&quot;)</th>
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<tbody>
<tr>
<td>Bucket Digging Force (ISO)</td>
<td>159 kN</td>
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<tr>
<td>Stick Digging Force (ISO)</td>
<td>103 kN</td>
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<tr>
<td>Bucket Digging Force (SAE)</td>
<td>142 kN</td>
</tr>
<tr>
<td>Stick Digging Force (SAE)</td>
<td>100 kN</td>
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### HD and HDR Buckets

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<thead>
<tr>
<th>Stick</th>
<th>R2.9B (9'6&quot;)</th>
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<tbody>
<tr>
<td>Bucket Digging Force (ISO)</td>
<td>145 kN</td>
</tr>
<tr>
<td>Stick Digging Force (ISO)</td>
<td>100 kN</td>
</tr>
<tr>
<td>Bucket Digging Force (SAE)</td>
<td>128 kN</td>
</tr>
<tr>
<td>Stick Digging Force (SAE)</td>
<td>97 kN</td>
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</tbody>
</table>
Reach Boom Lift Capacities

R2.9B STICK – 2900 mm (9’6”)
BUCKET – 0.9 m³ (1.2 yd³)
UNDERCARRIAGE – Long
SHOES – 800 mm (32”) triple grouser
BOOM – Reach

**Load at Maximum Reach**

<table>
<thead>
<tr>
<th>Height (m)</th>
<th>Load Point Height (kg)</th>
<th>Load Radius Over Front (lb)</th>
<th>Load Radius Over Side (lb)</th>
<th>Load at Maximum Reach (kg)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.5 m</td>
<td>*1000</td>
<td>*1450</td>
<td>*1000</td>
<td>*1450</td>
</tr>
<tr>
<td>3.0 m</td>
<td>*11,350</td>
<td>*14,500</td>
<td>*10,800</td>
<td>*14,300</td>
</tr>
<tr>
<td>4.5 m</td>
<td>*14,500</td>
<td>*15,200</td>
<td>*13,200</td>
<td>*15,200</td>
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<td>6.0 m</td>
<td>*16,700</td>
<td>*17,000</td>
<td>*15,000</td>
<td>*17,000</td>
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<td>7.5 m</td>
<td>*18,900</td>
<td>*19,200</td>
<td>*16,900</td>
<td>*19,200</td>
</tr>
<tr>
<td>9.0 m</td>
<td>*21,100</td>
<td>*21,400</td>
<td>*18,900</td>
<td>*21,400</td>
</tr>
<tr>
<td>10.0 m</td>
<td>*23,300</td>
<td>*23,600</td>
<td>*20,600</td>
<td>*23,600</td>
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<td>15.0 m</td>
<td>*30,050</td>
<td>*30,400</td>
<td>*26,300</td>
<td>*30,400</td>
</tr>
<tr>
<td>20.0 m</td>
<td>*37,800</td>
<td>*38,200</td>
<td>*32,200</td>
<td>*38,200</td>
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<tr>
<td>25.0 m</td>
<td>*45,600</td>
<td>*46,000</td>
<td>*39,600</td>
<td>*46,000</td>
</tr>
<tr>
<td>30.0 m</td>
<td>*53,400</td>
<td>*53,800</td>
<td>*46,800</td>
<td>*53,800</td>
</tr>
<tr>
<td>35.0 m</td>
<td>*61,200</td>
<td>*61,600</td>
<td>*54,200</td>
<td>*61,600</td>
</tr>
</tbody>
</table>

*Limited by hydraulic capacity rather than tipping load. The above loads are in compliance with SAE hydraulic excavator lift capacity rating standard J1097. They do not exceed 87% of hydraulic lifting capacity or 75% of tipping capacity. Weight of all lifting accessories must be deducted from the above lifting capacities.*
### Reach Boom Lift Capacities

**R2.9B STICK – 2900 mm (9’6”)**  
**BUCKET – 0.9 m³ (1.2 yd³)**  
**UNDERCARRIAGE – Long**  
**SHOES – 700 mm (28”) triple grouser**  
**BOOM – Reach**

<table>
<thead>
<tr>
<th>Load Point Height</th>
<th>Load Radius Over Front</th>
<th>Load Radius Over Side</th>
<th>Load at Maximum Reach</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.5 m (5.0 ft)</td>
<td>3.0 m (10.0 ft)</td>
<td>4.5 m (15.0 ft)</td>
<td>6.0 m (20.0 ft)</td>
</tr>
<tr>
<td>Ground Line</td>
<td>1.5 m</td>
<td>3.0 m</td>
<td>4.5 m</td>
</tr>
<tr>
<td>1.5 m kg</td>
<td>2.9 kg</td>
<td>4.1 kg</td>
<td>5.3 kg</td>
</tr>
<tr>
<td>10.0 ft kg</td>
<td>11.0 kg</td>
<td>12.0 kg</td>
<td>13.0 kg</td>
</tr>
<tr>
<td>15.0 ft kg</td>
<td>16.0 kg</td>
<td>17.0 kg</td>
<td>18.0 kg</td>
</tr>
</tbody>
</table>

*Limited by hydraulic capacity rather than tipping load. The above loads are in compliance with SAE hydraulic excavator lift capacity rating standard J1097. They do not exceed 87% of hydraulic lifting capacity or 75% of tipping capacity. Weight of all lifting accessories must be deducted from the above lifting capacities.*
**Standard Equipment**

*Standard equipment may vary. Consult your Caterpillar dealer for specifics.*

**Power Train**
- Cat 3066T Diesel Engine
- Air Intake Heater
- 24V Electrical Starting
- 2300 m (7500 ft) Altitude Capability without Deration
- Air-to-Air Aftercooling (ATAAC)
- Automatic Engine Speed Control
  - With One Touch Low Idle
- Cooling
  - Protection of $43^\circ \text{C} (109^\circ \text{F})$ to $-18^\circ \text{C} (0^\circ \text{F})$
  - at 50% Concentration
- Straight Line Travel
- Two Speed Auto-shift Travel
- Water Separator in Fuel Line

**Undercarriage**
- Hydraulic Track Adjusters
- Idler and Center Section Track Guiding Guards
- Track-type Undercarriage with Grease Lubricated Seals
- 800 mm (32 in) Triple Grouser Shoes

**Electrical**
- Alternator, 50 Ampere
- Working Light
- Horn

**Operator Environment**
- AM/FM Radio with Speakers
- Ashtray
- Beverage Holder
- Air Conditioner, Semi-automatic
- Coat Hook
- Door, Sliding
- Floor Mat, Washable
- Hydraulic Neutralizer Lever for All Controls
- Joystick Type Controls, Pilot Operated
- Language Display Monitor with Gauges
  - Warning Messages
  - Filter/Fluid Change Information
  - Start-up Fluid Level Check for:
    - Hydraulic Oil
    - Engine Oil and Coolant
  - Working Hour Information
  - Machine Condition
  - Error Code and Tool Mode Setting Information
  - Full Time Clock
- Laminate Front Windshield
- Lighting, Interior
- Literature Holder
- Pop-up Skylight, Polycarbonate with Sun Shade
- Retractable Front Windshield with Assist Device
- Seat, Fixed Type
  - Adjustable Armrests
  - Retractable Seatbelt
- Storage Compartment
- Tempered Windows
- Travel Control Pedals with Footrests
- Windshield Wiper with Washer, Upper

**Other Standard Equipment**
- Automatic Swing Brake
- Automatic Work Modes
- Auxiliary Hydraulic Valve (1)
- Capability of Stackable Valve for Main Valve
  - Maximum of Two Valves
- Capability of Auxiliary Circuit
  - Auxiliary Pump and Valves
- Counterweight 6100 kg (13,448 lb)
- Door Locks and Cap Locks with One-key Security System
- Pre-wired for Product Link Capability
- System Mirrors
  - Frame-rear, Cab-left
- Wave Fin Radiator
Optional Equipment
Optional equipment may vary. Consult your Caterpillar dealer for specifics.

Electrical
- Alarm, Travel
- Light, Working, Cab Mounted
- Light, Boom, Right Side
- Power Supply, 12V-5A (1 socket)

Operator Environment
- Cab with Polycarbonate Windows
- Right Side, Rear, Lower Left Door Windows
- Hand Control Pattern Changer
- Seat, Suspension Type

Power Train
- Cold Weather Starting Aid
  - Two Heavy Duty Batteries for Starting
  - Above −25°C (−13°F)

Undercarriage
- Guard, Track Guiding
  - Sprocket End (Center Guard Removed)
- Guard, Track Guiding
  - Full Length, Sprocket End and Idler End Track Guides
- Track Shoes
  - 600 mm (24 in) Triple Grouser Shoes
  - 700 mm (28 in) Triple Grouser Shoes

Other Standard Equipment
- 3 Auxiliary Hydraulic Arrangement Options
  (*Including Boom and Stick Lines)
  - Hammer Circuit
    - For Single Function (1 Way/2 Pump) Hydraulic Tools
  - Thumb Circuit
    - For Double Function (2 Way/1 Pump) Hydraulic Tools
  - Tool Control Circuit
    - For Single or Double Function Hydraulic Tools
    - Attachment Controller
    - Joysticks with Additional Switches
- Boom, Reach 5.68 m (18 ft 7 in)
- Control, Fine Swing
- Coupler, Hydraulic Pin Grabber
- Linkage, Bucket, B-Family
- Drive, for Auxiliary Pump
- Guard, Swivel
- Guard, Vandalism
- Guard, Full Front Windshield
  - Wire Mesh Type
- Stick, 2.9 m (9 ft 6 in)