FEATURES:
The Cat® 308 CR Variable Angle Boom (VAB) Mini Excavator delivers maximum power and performance in a mini size to help you work in a wide range of applications. The Variable Angle Boom provides the maximum in linkage flexibility in tight applications.

ALL DAY COMFORT
- A sealed and pressurized cab is equipped with an improved air conditioning system, adjustable wrist rests and a suspension seat to help keep you working comfortably all day long.

EASY TO OPERATE
- Controls are easy to use and the intuitive Next Generation Monitor provides customizable machine operator preferences and easy to read machine information.

STICK STEER TRAVEL MODE
- Moving around the job site is even easier with the Cat Stick Steer option. Easily switch from traditional travel controls with levers and pedals to joystick controls with a push of a button. The benefit of less effort and improved control is in your hands!

BIG PERFORMANCE IN A MINI DESIGN
- Increased lifting, swinging, travel and multi-functioning performance help you get the job done more efficiently, and dig-to-blade allows for easy clean up.

SAFETY ON THE JOB SITE
- Your safety is our top priority. The Cat Mini Excavator is designed to help keep you safe on the job. A back-up camera, courtesy work lights and a fluorescent retractable seat belt are just a few of the safety features we’ve built into the machine.

SIMPLE SERVICE FOR LESS DOWNTIME
- Maintenance is quick and easy on the Cat Mini Excavator. Routine check points are easy to access at ground level with grouped service points and robust service panels.

LOWER OPERATING COSTS
- Equipped with features such as auto idle, auto engine shutdown, and efficient hydraulics with a variable displacement pump, the Cat Mini Excavator was designed with reducing your operating costs in mind.

UNMATCHED DEALER SUPPORT
- Your Cat dealer is here to help you reach your business goals. From providing equipment solutions to operator training to service needs and beyond, your Cat dealer is ready to help.

Specifications

<table>
<thead>
<tr>
<th>Engine</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Engine Model</td>
<td>Cat C3.3B</td>
</tr>
<tr>
<td>Rated Net Power @ 2,200 rpm</td>
<td></td>
</tr>
<tr>
<td>U.S. EPA Tier 4 Final</td>
<td>52.4 kW 70.3 hp</td>
</tr>
<tr>
<td>EU Stage V</td>
<td>53.3 kW 71.5 hp</td>
</tr>
<tr>
<td>ISO 9249/EEC 80/1269</td>
<td></td>
</tr>
<tr>
<td>Gross Power</td>
<td></td>
</tr>
<tr>
<td>ISO 14396</td>
<td>55.4 kW 74.3 hp</td>
</tr>
<tr>
<td>Bore</td>
<td>94 mm 3.7 in</td>
</tr>
<tr>
<td>Stroke</td>
<td>120 mm 4.7 in</td>
</tr>
<tr>
<td>Displacement</td>
<td>3.33 L 203 in³</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Weights</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Maximum Operating Weight with Cab*</td>
<td>9483 kg 20,906 lb</td>
</tr>
</tbody>
</table>

*Maximum Weight is based on steel tracks with rubber pads, counterweight, operator, full fuel tank, standard stick, blade and no bucket.

<table>
<thead>
<tr>
<th>Weight Increase from Minimum Configuration</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Counterweight</td>
<td>250 kg 552 lb</td>
</tr>
<tr>
<td>Long Stick</td>
<td>66 kg 146 lb</td>
</tr>
<tr>
<td>Steel Tracks with Pads</td>
<td>330 kg 728 lb</td>
</tr>
</tbody>
</table>
Travel System

Travel Speed – High 5.1 km/h 3.2 mph
Travel Speed – Low 3.1 km/h 1.9 mph
Maximum Traction Force – High Speed 27.8 kN 6,250 lbf
Maximum Traction Force – Low Speed 67.5 kN 15,175 lbf
Ground Pressure – Maximum Weight 41.16 kPa 6 psi
Gradeability (maximum) 30 degrees

Service Refill Capacities

<table>
<thead>
<tr>
<th>Component</th>
<th>Capacity 1</th>
<th>Capacity 2</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cooling System</td>
<td>10.0 L</td>
<td>2.6 gal</td>
</tr>
<tr>
<td>Engine Oil</td>
<td>11.2 L</td>
<td>3.0 gal</td>
</tr>
<tr>
<td>Fuel Tank</td>
<td>147 L</td>
<td>39 gal</td>
</tr>
<tr>
<td>Hydraulic Tank</td>
<td>53 L</td>
<td>14 gal</td>
</tr>
<tr>
<td>Hydraulic System</td>
<td>107 L</td>
<td>28 gal</td>
</tr>
</tbody>
</table>

Hydraulic System

- Load Sensing Hydraulics with Variable Displacement Piston Pump
  - Pump Flow @ 2,400 rpm: 167 L/min 44 gal/min
  - Operating Pressure – Equipment: 285 bar 4,134 psi
  - Operating Pressure – Travel: 285 bar 4,134 psi
  - Operating Pressure – Swing: 250 bar 3,626 psi
  - Auxiliary Circuit – Primary: Flow 131 L/min 35 gal/min, Pressure 285 bar 4,134 psi
  - Auxiliary Circuit – Secondary: Flow 33 L/min 9 gal/min, Pressure 285 bar 4,134 psi
  - Digging Force – Stick (Standard): 40.9 kN 9,205 lbf
  - Digging Force – Bucket: 62.0 kN 13,946 lbf

Swing System

- Machine Swing Speed: 10.6 rpm
- Boom Swing Right: 963 mm (38 in)
- Boom Swing Left: 503 mm (20 in)
- Track Belt/Shoe Width: 450 mm (17.7 in)
- Overall Track Width: 2300 mm (90.6 in)
- Ground Clearance: 349 mm (13.7 in)
- Stick Length: 1823 mm (71.8 in)

Blade

- Width (Standard): 2300 mm 90.6 in
- Width (Wide): 2450 mm 96.5 in
- Height: 431 mm 17 in

Certification – Cab

- Top Guard: ISO 10262:1998 (Level II)

Sound


- European Union Directive “2000/14/EC”

Air Conditioning System

The air conditioning system on this machine contains the fluorinated greenhouse gas refrigerant R134a (Global Warming Potential = 1430). The system contains 1.0 kg of refrigerant which has a CO₂ equivalent of 1.430 metric tonnes.
## Lift Capacities – Maximum Configuration*

<table>
<thead>
<tr>
<th>Lift Point Height</th>
<th>Lift Point Radius (Maximum)</th>
<th>3 m (9.8 ft)</th>
<th>4.5 m (14.8 ft)</th>
<th>Lift Point Radius (Maximum)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>Over Front</td>
<td>Over Front</td>
<td>Over Front</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Blade Down</td>
<td>Blade Up</td>
<td>Over Side</td>
</tr>
<tr>
<td>4.5 m (14.8 ft)</td>
<td></td>
<td>VAB Out</td>
<td>kg (lb)</td>
<td>2084 (4,594)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>VAB In</td>
<td>kg (lb)</td>
<td></td>
</tr>
<tr>
<td>3 m (9.8 ft)</td>
<td></td>
<td>VAB Out</td>
<td>kg (lb)</td>
<td>1966 (4,334)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>VAB In</td>
<td>kg (lb)</td>
<td>1771 (3,904)</td>
</tr>
<tr>
<td>1.5 m (4.9 ft)</td>
<td></td>
<td>VAB Out</td>
<td>kg (lb)</td>
<td>4231 (9,328)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>VAB In</td>
<td>kg (lb)</td>
<td>1738 (3,832)</td>
</tr>
<tr>
<td>0 m (0 ft)</td>
<td></td>
<td>VAB Out</td>
<td>kg (lb)</td>
<td>3501 (7,718)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>VAB In</td>
<td>kg (lb)</td>
<td>1395 (3,075)</td>
</tr>
</tbody>
</table>

*Maximum Weight includes steel tracks with rubber pads, counterweight, operator, full fuel tank, standard stick, blade and no bucket.
EQUIPMENT

ENGINE
- Cat C3.3B Diesel Engine (U.S. EPA Tier 4 Final/EU Stage V) – Electronic Engine, Turbo, Diesel Particulate Filter (DPF)
- Automatic Engine Idle
- Automatic Engine Shutdown
- Automatic Swing Brake
- Automatic Two Speed Travel
- Fuel Water Separator with Indicator
- Radial Seal – Double Element Air Filter
- Extended Life Coolant, –37° C (–35° F)
- Ecology Drain

HYDRAULICS
- Smart Tech Electronic Pump
- Variable Displacement Piston Pump
- Load Sensing/Flow Sharing Hydraulics
- Power On Demand
- Hydraulic Temperature Monitoring
- Certified Accumulator
- Hydro Advanced Hydraulic Oil

OPERATOR ENVIRONMENT
- Sealed and Pressurized Cab
- Operator Sound Pressure 72 dB(A) ISO 6396:2008
- Stick Steer Mode
- Travel Cruise Control
- Control Pattern Changer
- Adjustable Wrist Rests
- Molded Footrests
- Removable, Washable Floor Mat
- Rain Visor
- Bucket Linkage with Lift Eye

OPTIONAL EQUIPMENT

OPERATOR ENVIRONMENT
- Rain Visor
- Air Suspension Heated Seat

ELECTRICAL
- Rearview Camera
- Rotating Beacon
- LED Interior Light
- Cup Holder
- 12V Power Socket
- Radio – Bluetooth®, USB, Auxiliary, Microphone
- Skylight
- Mounting Bosses for Top and Front Guards
- Top Guard – ISO 10262:1998 (Level II)
- Color LCD Monitor
- Fuel Level and Coolant Temperature Gauges
- Maintenance and Machine Monitoring
- Performance and Machine Adjustments
- Numeric Security Code
- Multiple Languages
- Camera Ready
- Hour Meter with Wake Up Switch
- Jog Dial Control Interface
- Boom and Stick Hose Burst Check Valves
- Bucket Linkage with Lift Eye
- Track Guides
- Water Jacket Heater
- Refueling Pump
- Cab Guarding
- Gearbox
- Travel Alarm (standard in some regions)

OTHER
- Attachments including Buckets, Augers and Hammers
- Steel Tracks (450 mm/17.7 in wide)
- Steel Track with Rubber Pads
- Wide Steel Tracks (600 mm/23.6 in)
- Wide Dozer Blade
- 2nd Auxiliary Hydraulic Lines
- Boom and Stick Hose Burst Check Valves
- Bucket Linkage with Lift Eye
- Track Guides
- Water Jacket Heater
- Refueling Pump
- Cab Guarding
- Gearbox
- Travel Alarm (standard in some regions)