



# Cat<sup>®</sup> 308 CR (Fixed Boom)

MINI HYDRAULIC EXCAVATOR

## FEATURES:

The Cat<sup>®</sup> 308 CR Mini Excavator delivers maximum power and performance in a mini size to help you work in a wide range of 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 Cat Stick Steer. 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 blade float 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 with optional seat belt reminder system 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.



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## CAT TECHNOLOGY

### EASE OF USE FOR CAT MINI EXCAVATORS

Ease of Use assists operators in controlling the machine to simplify operation, improve accuracy and enhance overall productivity on the job site. Ease of Use is available equipped on your mini excavator from the factory or as an upgrade kit post purchase.

Operators can choose from two software packages, Indicate or E-Fence to suit their application needs.

#### INDICATE

Ease of Use Indicate is an entry-level grade system providing visual and audible indicators to where the bucket is versus a target grade to cut and fill to exact specifications the first time without overcutting.

- Ideal for digging footings, septic systems, foundations, slope work and similar applications with level sites.
- Machine integrated depth measurement system from selected bench.
- Operators can target a grade relative to the machine chassis (machine reference) or relative to gravity (earth reference).
- Operator can program a flat grade or a slope.
- Does not include the ability to automatically adjust stick, boom or bucket position. Cat Grade is required for autos functionality.
- Includes Swing Assist ideal for truck loading and trenching applications, and Bucket Assist ideal for sloping, leveling, fine grading and trenching applications.

#### E-FENCE

Ease of Use E-Fence automatically constrains machine motion within operator pre-set boundaries for Ceiling, Floor, Wall and Swing to avoid structures overhead, underground, in front or to the left or right of the machine.

- Ideal for applications near high-traffic, protecting structures on the job site, avoiding fiber optic cables and other underground utilities.
- Limits boom, stick, bucket, house and boom swing from operating beyond set boundaries.
- Includes Swing Assist ideal for truck loading and trenching applications, and Bucket Assist ideal for sloping, leveling, fine grading and trenching applications.

#### LASER CATCHER

Provides the ability to reference a laser transmitter for a consistent reference point across the job site. It reduces the requirement for manual grade checking either by the operator or additional personnel around the machine. The laser catcher is retrofittable to all Ease of Use ready machines.

- Improve operator efficiency and safety on the job site through using a site reference laser to set a fixed reference point.
- Allows the operator to bench once, reference the laser transmitter, and then continue to dig to desired grade without the need to re-bench across the job site.

### CAT GRADE

Cat Grade is available as an aftermarket-installed automatics system that is easy to learn and use. Cat Grade Advanced 2D and 3D give you the ability to create, manage and grade simple to complex designs with accuracy ensuring cuts and fills are made to exact specifications. Cat Grade reduces costs, improves accuracy, provides improved operator efficiency and enhances safety.

#### GRADE ADVANCED 2D

Cat Grade Advanced 2D allows the operator to set parameters for digging and leveling operations, including cross slope and work site main fall. Grade Advanced 2D also lets the operator input, edit and work to basic 2D design plans from the operator's seat.

- Ideal for commercial site pad designs, trenches, commercial septic systems and similar applications.
- Provides bucket position in real time, and the operator can select from a number of different viewing angles.

#### GRADE 3D

Cat Grade 3D for excavators adds deeper design capabilities, plus, Global navigation satellite system (GNSS) receivers and a correctional data source to achieve Real Time Kinematic (RTK) positioning guidance for more complex planes, slopes, contours and curves.

- Provides operator with bucket positioning in relation to preloaded 3D design files or background maps.
- Helps to coordinate multiple machine operations while maintaining accurate digging parameters across large job sites.

Availability varies by region, please contact our Cat dealer to discuss the best technology options for you and your application.

# 308 CR (Fixed Boom) Mini Hydraulic Excavator

## Specifications

### Engine

|                       |                 |                     |
|-----------------------|-----------------|---------------------|
| Engine Model          | Cat® C2.8 Turbo |                     |
| <b>Net Power</b>      |                 |                     |
| ISO 9249, 80/1269/EEC | 51.2 kW         | 69.0 hp             |
| <b>Engine Power</b>   |                 |                     |
| ISO 14396             | 55.4 kW         | 74.3 hp             |
| Bore                  | 90 mm           | 3.5 in              |
| Stroke                | 110 mm          | 4.3 in              |
| Displacement          | 2.8 L           | 171 in <sup>3</sup> |

- Meets EU Stage V emissions standards.
- Advertised power is tested per the specified standard in effect at the time of manufacture.
- Net power advertised is the power available at the flywheel when the engine is at the rated speed of 2,200 rpm and the engine is installed with the factory configured fan, air intake system, exhaust system and alternator with a minimum alternator load.

### Weights

|                                     |         |           |
|-------------------------------------|---------|-----------|
| Minimum Operating Weight with Cab*  | 7577 kg | 16,707 lb |
| Maximum Operating Weight with Cab** | 8462 kg | 18,659 lb |

\*Minimum Weight is based on rubber tracks, no counterweight, operator, full fuel tank, standard stick, blade and no bucket.

\*\*Maximum Weight is based on steel tracks with rubber pads, (500 kg/1,103 lb) counterweight, operator, full fuel tank, long stick, blade and no bucket.

### Weight Increase from Minimum Configuration

|                        |        |          |
|------------------------|--------|----------|
| Counterweight          | 250 kg | 551 lb   |
| Counterweight          | 500 kg | 1,103 lb |
| Long Stick             | 85 kg  | 187 lb   |
| Steel Tracks with Pads | 300 kg | 662 lb   |

### Travel System

|                                     |            |            |
|-------------------------------------|------------|------------|
| Travel Speed – High                 | 4.9 km/h   | 3.0 mph    |
| Travel Speed – Low                  | 3.0 km/h   | 1.8 mph    |
| Maximum Traction Force – High Speed | 29.3 kN    | 6,587 lbf  |
| Maximum Traction Force – Low Speed  | 71 kN      | 15,962 lbf |
| Ground Pressure – Minimum Weight    | 33.2 kPa   | 4.8 psi    |
| Ground Pressure – Maximum Weight    | 37.9 kPa   | 5.4 psi    |
| Gradeability (maximum)              | 30 degrees |            |

### Service Refill Capacities

|                  |        |         |
|------------------|--------|---------|
| Cooling System   | 10.0 L | 2.6 gal |
| Engine Oil       | 8.8 L  | 2.3 gal |
| Fuel Tank        | 145 L  | 38 gal  |
| Hydraulic Tank   | 53 L   | 14 gal  |
| Hydraulic System | 110 L  | 29 gal  |

### 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  |
| Maximum Auxiliary Circuit – Primary                            |           |            |
| Flow at Pump*  | 131 L/min | 35 gal/min |
| Pressure at Pump*  | 285 bar   | 4,134 psi  |
| Maximum Auxiliary Circuit – Secondary                          |           |            |
| Flow at Pump*  | 33 L/min  | 9 gal/min  |
| Pressure at Pump*  | 285 bar   | 4,134 psi  |
| Digging Force – Stick (Standard)                               | 41.3 kN   | 9,285 lbf  |
| Digging Force – Stick (Long)                                   | 36.7 kN   | 8,250 lbf  |
| Digging Force – Bucket   | 58.9 kN   | 13,241 lbf |

\*Flow and pressure are not combinable. Under load, as flow rises pressure goes down.

### Swing System

|                     |        |
|---------------------|--------|
| Machine Swing Speed | 10 rpm |
|---------------------|--------|

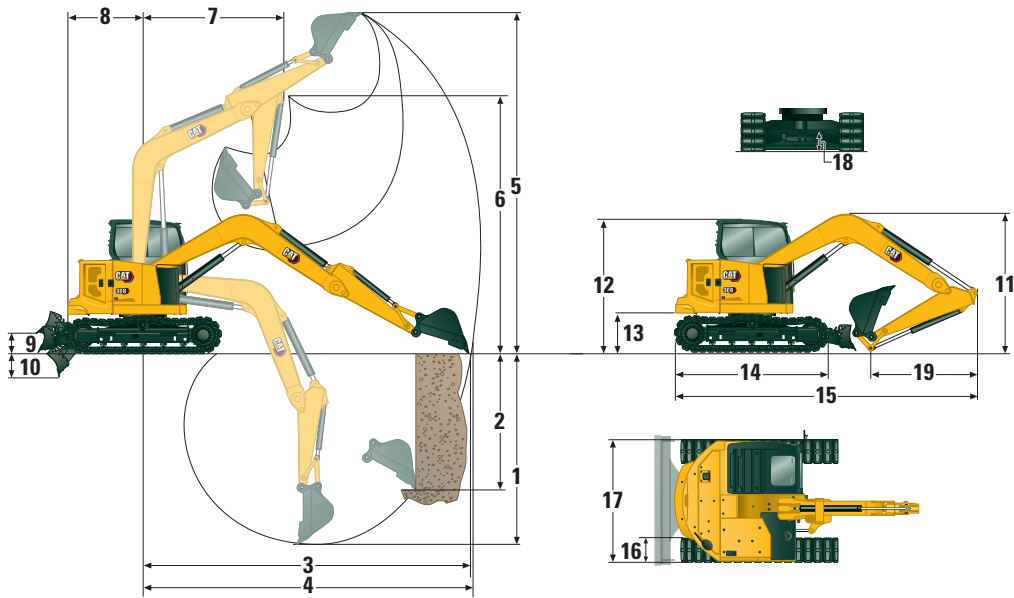
### Blade

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

### Certification – Cab

|                                       |                          |
|---------------------------------------|--------------------------|
| Roll Over Protective Structure (ROPS) | ISO 12117-2:2008         |
| Top Guard                             | ISO 10262:1998 (Level I) |

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## Dimensions

|  | Standard Stick   | Long Stick          |
|--|------------------|---------------------|
| <b>1</b> Dig Depth                         | 4145 mm (163 in) | 4687 mm (185 in)    |
| <b>2</b> Vertical Wall                     | 3600 mm (142 in) | 4110 mm (162 in)    |
| <b>3</b> Maximum Reach at Ground Level     | 6246 mm (246 in) | 6766 mm (266 in)    |
| <b>4</b> Maximum Reach                     | 6391 mm (252 in) | 6900 mm (272 in)    |
| <b>5</b> Maximum Dig Height                | 7392 mm (291 in) | 7809 mm (307 in)    |
| <b>6</b> Maximum Dump Clearance            | 5255 mm (207 in) | 5672 mm (223 in)    |
| <b>7</b> Boom in Reach                     | 1681 mm (66 in)  | 2250 mm (89 in)     |
| <b>8</b> Tail Swing                        |                  |                     |
| with Counterweight (250 kg/551 lb)         | 1425 mm (56 in)  | 1425 mm (56 in)     |
| with Counterweight (500 kg/1,103 lb)       | 1466 mm (58 in)  | 1466 mm (58 in)     |
| without Counterweight                      | 1290 mm (51 in)  | 1290 mm (51 in)     |
| <b>9</b> Maximum Blade Height              | 370 mm (14.6 in) | 370 mm (14.6 in)    |
| <b>10</b> Maximum Blade Depth              | 407 mm (16.0 in) | 407 mm (16.0 in)    |
| <b>11</b> Boom Height in Shipping Position |                  |                     |
| Boom Transport – No Tools*                 | 2466 mm (97 in)  | 2540 mm (100 in)    |
| Boom Working – With Tools**                | 2671 mm (105 in) | 3080 mm (121 in)    |
| <b>12</b> Cab Height                       | 2541 mm (100 in) | 2541 mm (100 in)    |
| <b>13</b> Swing Bearing Height             | 756 mm (30 in)   | 756 mm (30 in)      |
| <b>14</b> Overall Undercarriage Length     | 2880 mm (113 in) | 2880 mm (113 in)    |
| <b>15</b> Overall Shipping Length          |                  |                     |
| with Counterweight (250 kg/551 lb)         | 5780 mm (228 in) | 5800 mm (228 in)*** |
| with Counterweight (500 kg/1,103 lb)       | 5821 mm (229 in) | 5841 mm (230 in)    |
| without Counterweight                      | 5645 mm (222 in) | 5665 mm (223 in)*** |
| <b>16</b> Track Belt/Shoe Width            | 450 mm (18 in)   | 450 mm (18 in)      |
| <b>17</b> Overall Track Width              | 2300 mm (91 in)  | 2300 mm (91 in)     |
| <b>18</b> Ground Clearance                 | 350 mm (14 in)   | 350 mm (14 in)      |
| <b>19</b> Stick Length                     | 1665 mm (66 in)  | 2208 mm (87 in)     |

\*Boom Height when stick is pinned in transport position with no attachments.

\*\*Boom Height when stick is pinned in working position with attachments. Standard Stick offers only one pin position.

\*\*\*With blade positioned at the rear of the machine.

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## Lift Capacities – Minimum Configuration

| Lift Point Height |                |         | Lift Point Radius 3 m (9.8 ft) |                |                | Lift Point Radius 4.5 m (14.8 ft) |                |              | Lift Point Radius (Maximum) |                |                |             |
|-------------------|----------------|---------|--------------------------------|----------------|----------------|-----------------------------------|----------------|--------------|-----------------------------|----------------|----------------|-------------|
|                   |                |         | Over Front                     |                | Over Side      | Over Front                        |                | Over Side    | Over Front                  |                | Over Side      | m (ft)      |
|                   |                |         | Blade Down                     | Blade Up       |                | Blade Down                        | Blade Up       |              | Blade Down                  | Blade Up       |                |             |
| 4.5 m (14.8 ft)   | Standard Stick | kg (lb) | 2340* (5,160*)                 | 2340* (5,160*) | 2340* (5,160*) |                                   |                |              | 1497* (3,301*)              | 1497* (3,301*) | 1497* (3,301*) | 4.27 (14)   |
|                   | Long Stick     | kg (lb) | 1936* (4,269*)                 | 1936* (4,269*) | 1936* (4,269*) | 1881* (4,148*)                    | 1881* (4,148*) | 1560 (3,440) | 1445* (3,186*)              | 1445* (3,186*) | 1445* (3,186*) | 4.89 (16)   |
| 3 m (9.8 ft)      | Standard Stick | kg (lb) | 2856* (6,297*)                 | 2856* (6,297*) | 2856* (6,297*) | 2208* (4,869*)                    | 1708 (3,766)   | 1508 (3,325) | 1406* (3,100*)              | 1406* (3,100*) | 1406* (3,100*) | 5.06 (16.6) |
|                   | Long Stick     | kg (lb) | 2454* (5,411*)                 | 2454* (5,411*) | 2454* (5,411*) | 1992* (4,392*)                    | 1992 (4,392)   | 1518 (3,347) | 1377* (3,036*)              | 1185 (2,613)   | 1048 (2,311)   | 5.59 (18.3) |
| 1.5 m (4.9 ft)    | Standard Stick | kg (lb) | 3615* (7,971*)                 | 3075 (6,780)   | 2615 (5,766)   | 2404* (5,301*)                    | 1631 (3,596)   | 1434 (3,162) | 1468* (3,237*)              | 1257 (2,772)   | 1111 (2,450)   | 5.32 (17.5) |
|                   | Long Stick     | kg (lb) | 3313* (7,305*)                 | 3313* (7,305*) | 2651 (5,845)   | 2256* (4,974*)                    | 1626 (3,585)   | 1427 (3,147) | 1430* (3,153*)              | 1073 (2,366)   | 948 (2,090)    | 5.83 (19.1) |
| 0 m (0 ft)        | Standard Stick | kg (lb) | 3752* (8,273*)                 | 2920 (6,439)   | 2473 (5,453)   | 2439* (5,378*)                    | 1568 (3,457)   | 1374 (3,030) | 1693* (3,733*)              | 1291 (2,847)   | 1138 (2,509)   | 5.15 (16.9) |
|                   | Long Stick     | kg (lb) | 3722* (8,207*)                 | 2893 (6,379)   | 2444 (5,389)   | 2407* (5,307*)                    | 1540 (3,396)   | 1345 (2,966) | 1614* (3,559*)              | 1091 (2,406)   | 960 (2,117)    | 5.67 (18.6) |

Minimum Weight: rubber belts, cab, operator, full fuel tank, no counterweight, no bucket.

## Lift Capacities – Maximum Configuration

| Lift Point Height |                |         | Lift Point Radius 3 m (9.8 ft) |                |                | Lift Point Radius 4.5 m (14.8 ft) |                |                | Lift Point Radius (Maximum) |                |                |             |
|-------------------|----------------|---------|--------------------------------|----------------|----------------|-----------------------------------|----------------|----------------|-----------------------------|----------------|----------------|-------------|
|                   |                |         | Over Front                     |                | Over Side      | Over Front                        |                | Over Side      | Over Front                  |                | Over Side      | m (ft)      |
|                   |                |         | Blade Down                     | Blade Up       |                | Blade Down                        | Blade Up       |                | Blade Down                  | Blade Up       |                |             |
| 4.5 m (14.8 ft)   | Standard Stick | kg (lb) | 2340* (5,160*)                 | 2340* (5,160*) | 2340* (5,160*) |                                   |                |                | 1497* (3,301*)              | 1479* (3,261*) | 1497* (3,301*) | 4.27 (14)   |
|                   | Long Stick     | kg (lb) | 1936* (4,269*)                 | 1936* (4,269*) | 1936* (4,269*) | 1881* (4,148*)                    | 1881* (4,148*) | 1881* (4,148*) | 1445* (3,186*)              | 1445* (3,186*) | 1445* (3,186*) | 4.89 (16)   |
| 3 m (9.8 ft)      | Standard Stick | kg (lb) | 2856* (6,297*)                 | 2856* (6,297*) | 2856* (6,297*) | 2208* (4,869*)                    | 2208* (4,869*) | 1814 (4,000)   | 1406* (3,100*)              | 1406* (3,100*) | 1406* (3,100*) | 5.06 (16.6) |
|                   | Long Stick     | kg (lb) | 2454* (5,411*)                 | 2454* (5,411*) | 2454* (5,411*) | 1992* (4,392*)                    | 1992* (4,392*) | 1992* (4,392*) | 1377* (3,036*)              | 1377* (3,036*) | 1377* (3,036*) | 5.59 (18.3) |
| 1.5 m (4.9 ft)    | Standard Stick | kg (lb) | 3615* (7,971*)                 | 3615* (7,971*) | 3615* (7,971*) | 2404* (5,301*)                    | 1981 (4,368)   | 1741 (3,839)   | 1468* (3,237*)              | 1468* (3,237*) | 1468* (3,237*) | 5.32 (17.5) |
|                   | Long Stick     | kg (lb) | 3313* (7,305*)                 | 3313* (7,305*) | 3313* (7,305*) | 2256* (4,974*)                    | 2256* (4,974*) | 1733 (3,821)   | 1430* (3,153*)              | 1430* (3,153*) | 1170 (2,580)   | 5.83 (19.1) |
| 0 m (0 ft)        | Standard Stick | kg (lb) | 3752* (8,273*)                 | 3752* (8,273*) | 3007 (6,630)   | 2439* (5,378*)                    | 1918 (4,229)   | 1681 (3,707)   | 1693* (3,733*)              | 1693* (3,733*) | 1397 (3,080)   | 5.15 (16.9) |
|                   | Long Stick     | kg (lb) | 3722* (8,207*)                 | 3722* (8,207*) | 2978 (6,566)   | 2407* (5,307*)                    | 1890 (4,167)   | 1652 (3,643)   | 1614* (3,559*)              | 1350 (2,977)   | 1190 (2,624)   | 5.67 (18.6) |

Maximum Weight: steel tracks with pads, cab, operator, full fuel tank, (500 kg/1,103 lb) counterweight, no bucket.

\*The above loads are in compliance with hydraulic excavator lift capacity rating standard ISO 10567:2007 and they do not exceed 87% of hydraulic lifting capacity or 75% of tipping capacity. The excavator bucket weight is not included on this chart.

# 308 CR (Fixed Boom) Environmental Declaration

The following information applies to the machine at the time of final manufacture as configured for sale in the regions covered in this document. The content of this declaration is valid as of the date issued; however, content related to machine features and specifications are subject to change without notice. For additional information, please see the machine's Operation and Maintenance Manual.

For more information on sustainability in action and our progress, please visit <https://www.caterpillar.com/en/company/sustainability>.

## Engine

- The Cat® C2.8 Turbo engine meets EU Stage V emission standards.
  - Cat diesel engines are required to use ULSD (ultra-low sulfur diesel fuel with 15 ppm of sulfur or less) or ULSD blended with the following lower-carbon intensity fuels\*\* up to:
    - ✓ 20% biodiesel FAME (fatty acid methyl ester)\*
    - ✓ 100% renewable diesel, HVO (hydrogenated vegetable oil) and GTL (gas-to-liquid) fuels
- Refer to guidelines for successful application. Please consult your Cat dealer or "Caterpillar Machine Fluids Recommendations" (SEBU6250) for details.
- \*Engines with no aftertreatment devices can use higher blends, up to 100% biodiesel (for use of blends higher than 20% biodiesel, consult your Cat dealer).*
- \*\*Tailpipe greenhouse gas emissions from lower-carbon intensity fuels are essentially the same as traditional fuels.*

## Air Conditioning System

- The air conditioning system on this machine contains the fluorinated greenhouse gas refrigerant R134a or R1234yf (Europe) (Global Warming Potential = 1430). See label or instruction manual for gas refrigerant identification. The system contains 0.75 kg (1.65 lb), 0.90 kg (1.98 lb) or 1.0 kg (2.20 lb) of refrigerant which has a CO<sub>2</sub> equivalent of 1.430 metric tonnes (1.576 tons) for R134a and 0.001 tonnes (0.001 tons) for R1234yf (Europe).

## Paint

- Based on best available knowledge, the maximum allowable concentration, measured in parts per million (PPM), of the following heavy metals in paint are:
  - Barium < 0.01%
  - Cadmium < 0.01%
  - Chromium < 0.01%
  - Lead < 0.01%

## Sound Performance

Operator Sound Pressure 72 dB(A) (ISO 6396:2008)\*

Exterior Sound Power Level 99 dB(A) (ISO 6395:2008)\*\*

\*The declared dynamic operator sound pressure levels per ISO 6396:2008. The measurements were conducted with the cab doors and windows closed.

\*\*The labeled sound power level for the CE marked configurations when measured according to the test procedure and conditions specified in 2000/14/EC.

## Oils and Fluids

- Caterpillar factory fills with ethylene glycol coolants. Cat Diesel Engine Antifreeze/Coolant (DEAC) and Cat Extended Life Coolant (ELC) can be recycled. Consult your Cat dealer for more information.
- Cat Bio HYDO Advanced is an EU Ecolabel approved biodegradable hydraulic oil.
- Additional fluids are likely to be present, please consult the Operations and Maintenance Manual or the Application and Installation guide for complete fluid recommendations and maintenance intervals.

## Features and Technology

- The following features and technology may contribute to fuel savings and/or carbon reduction. Features may vary. Consult your Cat dealer for details.
  - Advanced hydraulic systems balance power and efficiency
  - Power On Demand provides full time efficiency and power when you need it, and is transparent to the operator
  - Auto idle and auto engine shutdown
  - Extended maintenance intervals reduce fluid and filter consumption
  - Remote Flash and Remote Troubleshoot (if equipped)
  - Mini Hydraulic Excavator Ease of Use features improve operator efficiency minimizing fuel consumption (if equipped)
  - Cat Grade Advanced 2D and 3D improves operator efficiency minimizing fuel consumption (if equipped)

## Recycling

- The materials included in machines are categorized as below with approximate weight percentage. Because of variations of product configurations, the following values in the table may vary.

| Material Type            | Weight Percentage |
|--------------------------|-------------------|
| Steel                    | 65.52%            |
| Iron                     | 21.19%            |
| Rubber                   | 3.50%             |
| Mixed Metal              | 2.20%             |
| Other                    | 1.89%             |
| Nonferrous Metal         | 1.81%             |
| Plastic                  | 1.55%             |
| Fluid                    | 1.47%             |
| Mixed-Metal and Nonmetal | 0.85%             |
| Mixed Nonmetallic        | 0.01%             |
| Uncategorized            | 0.00%             |
| Total                    | 100.00%           |

- A machine with higher recyclability rate will ensure more efficient usage of valuable natural resources and enhance End-of-Life value of the product. According to ISO 16714 (Earth-moving machinery – Recyclability and recoverability – Terminology and calculation method), recyclability rate is defined as percentage by mass (mass fraction in percent) of the new machine potentially able to be recycled, reused or both.

All parts in the bill of material are first evaluated by component type based on a list of components defined by the ISO 16714 and Japan CEMA (Construction Equipment Manufacturers Association) standards. Remaining parts are further evaluated for recyclability based on material type.

Because of variations of product configurations, the following values in the table may vary.

Recyclability – 96%

The data provided above was based on the product configuration as provided by the individual product group.

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## Standard and Optional Equipment

Standard and optional equipment may vary. Consult your Cat dealer for details.

|  | Standard | Optional |  | Standard | Optional |
|--|----------|----------|--|----------|----------|
| <b>ENGINE</b>  |          |          | <b>OPERATOR ENVIRONMENT (continued)</b>  |          |          |
| Cat C2.8 Diesel Engine (EU Stage V) – Electronic Engine, Turbo, Fit-For-Life Diesel Particulate Filter (DPF) and Diesel Oxidation Catalyst (DOC) Aftertreatment System | ✓        |          | Literature Holder  | ✓        |          |
| Automatic Engine Idle  | ✓        |          | Mounting Bosses for Top and Front Guards   | ✓        |          |
| Automatic Engine Shutdown  | ✓        |          | 12V Power Socket   | ✓        |          |
| Automatic Swing Brake  | ✓        |          | Radio – Bluetooth, Auxiliary, Microphone, USB (charging only)  | ✓        |          |
| Automatic Two Speed Travel   | ✓        |          | Skylight   | ✓        |          |
| Fuel Water Separator with Indicator  | ✓        |          | Signaling/Warning Horn   | ✓        |          |
| Radial Seal – Double Element Air Filter  | ✓        |          | Cab and (left side) Boom Work Lights   | ✓        |          |
| Extended Life Coolant, –37° C (–37° F)   | ✓        |          | Utility Space for Mobile Phone   | ✓        |          |
| Ecology Drain  | ✓        |          | Rain Visor   |          | ✓        |
| <b>HYDRAULICS</b>  |          |          | Next Generation Color LCD Monitor (IP66)   | ✓        |          |
| Smart Tech Electronic Pump   | ✓        |          | – Jog Dial Interface   |          |          |
| Electronic Variable Displacement Piston Pump   | ✓        |          | – Fuel Level and Coolant Temperature Gauges  |          |          |
| Load Sensing/Flow Sharing Hydraulics   | ✓        |          | – Maintenance and Machine Monitoring   |          |          |
| Power On Demand  | ✓        |          | – Performance and Machine Adjustments  |          |          |
| Hydraulic Temperature Monitoring   | ✓        |          | – Numeric Security Code  |          |          |
| Certified Accumulator  | ✓        |          | – Multiple Languages   |          |          |
| HYDO™ Advanced Hydraulic Oil   | ✓        |          | – Camera Ready (IP68 and IP69K)  |          |          |
| Third Auxiliary  |          | ✓        | – Hour Meter with Wake Up Switch   |          |          |
| <b>OPERATOR ENVIRONMENT</b>  |          |          | Next Generation Advanced Monitor (below are all included with Next Generation Advanced Monitor option) |          | ✓        |
| Top Guard ISO 10262 1998 Level I   | ✓        |          | – Touch Screen   |          |          |
| ROPS ISO 12117-2:2008  | ✓        |          | – Site Reference System  |          |          |
| Stick Steer Mode   | ✓        |          | – High Definition Camera Capable (IP68 and IP69K)  |          |          |
| Travel Cruise Control  | ✓        |          | – Numeric Security Code  |          |          |
| Control Pattern Changer  | ✓        |          | <b>TECHNOLOGY (availability varies by region)</b>  |          |          |
| Adjustable Wrist Rests   | ✓        |          | Ease of Use Indicate   |          | ✓        |
| Molded Footrests   | ✓        |          | Ease of Use E-Fence  |          | ✓        |
| Removable, Washable Floor Mat  | ✓        |          | Ease of Use Laser Catcher  |          | ✓        |
| Travel Pedals and Hand Levers  | ✓        |          | Cat Grade Advanced 2D  |          | ✓        |
| Cat Key with Passcode Option   | ✓        |          | Cat Grade 3D   |          | ✓        |
| Push to Start with Bluetooth® Key  |          | ✓        | Product Link™ Elite (regulations apply)  | ✓        |          |
| HVAC with Automatic Temperature Control  | ✓        |          | (continued on next page)   |          |          |
| Hydraulic Lockout Controls   | ✓        |          |  |          |          |
| Integrated Lower Front Window  | ✓        |          |  |          |          |
| Assisted Front Window Overhead Storage   | ✓        |          |  |          |          |
| Rear Window Emergency Exit   | ✓        |          |  |          |          |
| Cab Mirrors (vary by region)   | ✓        |          |  |          |          |
| Fabric, High Back, Suspension Seat   | ✓        |          |  |          |          |
| Air Suspension Heated Seat   |          | ✓        |  |          |          |
| Retractable Seat Belt (75 mm/3 in)   | ✓        |          |  |          |          |
| Seat Belt Reminder System  |          | ✓        |  |          |          |
| Coat Hook  | ✓        |          |  |          |          |
| Cup Holder   | ✓        |          |  |          |          |
| LED Interior Light   | ✓        |          |  |          |          |

# 308 CR Mini Hydraulic Excavator

## Standard and Optional Equipment *(continued)*

Standard and optional equipment may vary. Consult your Cat dealer for details.

|   | Standard | Optional |  | Standard | Optional |
|---|----------|----------|--|----------|----------|
| <b>UNDERCARRIAGE</b>  |          |          | <b>GUARDING</b>                                    |          |          |
| Greased and Lubricated Track  | ✓        |          | ROPS ISO 12117-2:2008                              | ✓        |          |
| Tie Down Eyes on Track Frame  | ✓        |          | Top Guard ISO 10262:1998 (Level I)                 | ✓        |          |
| Dozer Blade   | ✓        |          | Top Guard ISO 10262:1998 (Level II)                |          | ✓        |
| Wide Dozer Blade  |          | ✓        | Front Guard (Mesh) ISO 10262:1998 (Level I)        |          | ✓        |
| Dozer Float   | ✓        |          | Front Guard (Heavy Duty) ISO 10262:1998 (Level II) |          | ✓        |
| Bolt-on, Reversible Wear Edge   | ✓        |          | Track Guards                                       |          | ✓        |
| Steel Tracks (450 mm/17.7 in wide)  |          | ✓        | <b>OTHER</b>                                       |          |          |
| Wide Steel Tracks (600 mm/23.6 in)  |          | ✓        | Counterweight (250 kg/551 lb)                      |          | ✓        |
| Steel Track with Rubber Pads  |          | ✓        | Counterweight (500 kg/1,103 lb)                    |          | ✓        |
| Track Guides  |          | ✓        | Locks on External Enclosure Doors                  | ✓        |          |
| <b>BOOM, STICK AND LINKAGES</b>   |          |          | Lockable Fuel Cap                                  | ✓        |          |
| One Piece Boom (3700 mm/145.7 in)   | ✓        |          | Beacon Socket                                      | ✓        |          |
| Standard Stick (1665 mm/65.6 in)  | ✓        |          | Rear Reflectors                                    | ✓        |          |
| Long Stick (2208 mm/92.9 in)  |          | ✓        | Water Jacket Heater                                |          | ✓        |
| Front Shovel Capable – Pin-on/Manual Coupler/Hydraulic Coupler (not available in all regions) | ✓        |          | Refueling Pump                                     | ✓        |          |
| Attachments including Buckets, Augers and Hammers   |          | ✓        |  |          |          |
| 2nd Auxiliary Hydraulic Lines   |          | ✓        |  |          |          |
| Boom Lowering Control Valve (Europe Standard)   |          | ✓        |  |          |          |
| Stick Lowering Control Valve (Europe Standard)  |          | ✓        |  |          |          |
| Bucket Linkage with Lift Eye  |          | ✓        |  |          |          |
| <b>ELECTRICAL</b>   |          |          |  |          |          |
| 12 Volt Electrical System   | ✓        |          |  |          |          |
| 60 Ampere Alternator  | ✓        |          |  |          |          |
| Circuit Breaker   | ✓        |          |  |          |          |
| 850 CCA Maintenance Free Battery  | ✓        |          |  |          |          |
| Lock Out/Tag Out Battery Disconnect   | ✓        |          |  |          |          |
| Ignition Key Stop Switch  | ✓        |          |  |          |          |
| Travel Alarm  |          | ✓        |  |          |          |
| Rear and Side Camera  | ✓        |          |  |          |          |
| Rotating Beacon   |          | ✓        |  |          |          |

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Materials and specifications are subject to change without notice. Featured machines in photos may include additional equipment. See your Cat dealer for available options.

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AEHQ8500-02 (09-2025)  
Replaces AEHQ8500-01  
Build Number: 08A  
(N Am, Europe, Chile,  
Turkey, ANZP)

