

# Cat<sup>®</sup> 308 CR VAB

MINI HYDRAULIC EXCAVATOR

#### **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 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.



#### **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.

## **Specifications**

#### **Engine**

9		
Engine Model	Cat® C2.8 T	urbo
Net Power		
ISO 9249, 80/1269/EEC	51.2 kW	69.0 hp
Engine Power		
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 in³

- Meets U.S. EPA Tier 4 Final and 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 Standard Stick\* 8720 kg 19,228 lb Maximum Operating Weight with Standard Stick\*\* 9560 kg 21,080 lb

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

#### **Weight Increase from Minimum Configuration**

Ground Pressure - Minimum Weight

Ground Pressure - Maximum Weight

Gradeability (maximum)

	3	=
Counterweight	250 kg	551 lb
Counterweight	500 kg	1,103 lb
Steel Tracks with Pads	341 kg	752 lb
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

38.2 kPa

41.8 kPa

30 degrees

5.5 psi

6.1 psi

#### **Service Refill Capacities**

<b>-</b>		
Cooling System	10.0 L	2.6 gal
Engine Oil	8.8 L	2.3 gal
Fuel Tank	147 L	39 gal
Hydraulic Tank	53 L	14 gal
Hydraulic System	110 L	29 gal

#### **Hydraulic System**

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Load Sensing Hydraulics with Variable D	isplacement Pis	ton 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)	42.3 kN	9,509 lbf
Digging Force – Bucket	62.0 kN	13,946 lbf

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

#### **Swing System**

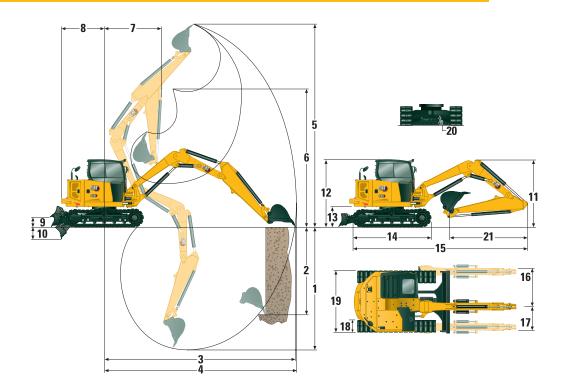
Machine Swing Speed	10.6 rpm
Boom Swing – Left	60 degrees
Boom Swing – Right	50 degrees

#### **Blade**

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

#### **Certification – Cab and Canopy**

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



## **Dimensions**

		Standar	d Stick
		VAB In	VAB Out
1	Dig Depth	3815 mm (150.2 in)	3460 mm (136.2 in)
2	Vertical Wall	2520 mm (99.2 in)	3725 mm (146.7 in)
3	Maximum Reach at Ground Level	6300 mm (248.0 in)	7715 mm (303.7 in)
4	Maximum Reach	6515 mm (256.5 in)	7885 mm (310.4 in)
5	Maximum Dig Height	5220 mm (205.5 in)	8180 mm (322.0 in)
6	Maximum Dump Clearance	3450 mm (135.8 in)	6285 mm (247.4 in)
7	Boom in Reach	3120 mm (122.8 in)	2710 mm (106.7 in)
8	Tail Swing		
	with Counterweight (250 kg/551 lb)	1585 mm (62.4 in)	1585 mm (62.4 in)
	with Counterweight (500 kg/1,103 lb)	1626 mm (64.0 in)	1626 mm (64.0 in)
	without Counterweight	1450 mm (57.1 in)	1450 mm (57.1 in)
9	Maximum Blade Height	370 mm (14.6 in)	370 mm (14.6 in)
10	Maximum Blade Depth	407 mm (16.0 in)	407 mm (16.0 in)
11	Boom Height in Shipping Position	2475 mm (97.4 in)	2475 mm (97.4 in)
12	Cab Height	2541 mm (100.0 in)	2541 mm (100.0 in)
13	Swing Bearing Height	756 mm (29.8 in)	756 mm (29.8 in)
14	Overall Undercarriage Length	2880 mm (113.4 in)	2880 mm (113.4 in)
15	Overall Shipping Length	6450 mm (253.9 in)	6450 mm (253.9 in)
16	Boom Swing Right	935 mm (37.0 in)	935 mm (37.0 in)
17	Boom Swing Left	605 mm (24.0 in)	605 mm (24.0 in)
8	Track Belt/Shoe Width	450 mm (17.7 in)	450 mm (17.7 in)
19	Overall Track Width	2300 mm (90.6 in)	2300 mm (90.6 in)
20	Ground Clearance	350 mm (13.8 in)	350 mm (13.8 in)
21	Stick Length	1820 mm (71.7 in)	1820 mm (71.7 in)

#### **Standard Stick**

	Lift Capacities –			oint Radius – 3 m (	9.8 ft)	Lift Point Radius – 4.5 m (14.8 ft)			Lift Point Radius (Maximum)			
	Minimum Configuration		Over	Front		Over	Over Front		Over	Front		m
	Lift Point Height		Blade Down	Blade Up	Over Side	Blade Down	Blade Up	Over Side	Blade Down	Blade Up	Over Side	(ft)
4.5 m	VAB out	kg (lb)	2324* (5,124*)	2324* (5,124*)	2324* (5,124*)	2582* (5,693*)	1763 (3,887)	1511 (3,332)	2030* (4,476*)	1020 (2,249)	868 (1,914)	6.03 (19.8)
(14.8 ft)	VAB in	kg (lb)										
3 m	VAB out	kg (lb)				2847* (6,278*)	1639 (3,614)	1393 (3,072)	1758* (3,876*)	827 (1,824)	699 (1,541)	6.67 (21.9)
(9.8 ft)	VAB in	kg (lb)				1968* (4,339*)	1968* (4,339*)	1595 (3,517)	1910* (4,212*)	1398 (3,083)	1204 (2,655)	5.24 (17.2)
1.5 m	VAB out	kg (lb)				3009* (6,635*)	1461 (3,222)	1223 (2,697)	1534* (3,382*)	764 (1,685)	641 (1,413)	6.87 (22.5)
(4.9 ft)	VAB in	kg (lb)	4542* (10,015*)	3200 (7,056)	2645 (5,832)	2563* (5,651*)	1687 (3,720)	1439 (3,173)	2172* (4,789*)	1203 (2,653)	1028 (2,267)	5.5 (18)
0 m	VAB out	kg (lb)				2646* (5,834*)	1374 (3,030)	1140 (2,514)	1256* (2,769*)	789 (1,740)	662 (1,460)	6.67 (21.9)
(0 ft)	VAB in	kg (lb)	5637* (12,430*)	2836 (6,253)	2310 (5,094)	3027* (6,675*)	1532 (3,378)	1292 (2,849)	2488* (5,486*)	1217 (2,683)	1030 (2,271)	5.24 (17.2)

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

	Lift Capacities –	Lift P	oint Radius – 3 m (	9.8 ft)	Lift Point Radius – 4.5 m (14.8 ft)			Lift Point Radius (Maximum)				
	Maximum Configuration		Over	Front		Over	Over Front		Over	Front		m
	Lift Point Height		Blade Down	Blade Up	Over Side	Blade Down	Blade Up	Over Side	Blade Down	Blade Up	Over Side	(ft)
4.5 m	VAB out	kg (lb)	2324* (5,124*)	2324* (5,124*)	2324* (5,124*)	2582* (5,693*)	2153 (4,747)	1859 (4,099)	2030* (4,476*)	1275 (2,811)	1099 (2,423)	6.03 (19.8)
(14.8 ft)	VAB in	kg (lb)										
3 m	VAB out	kg (lb)				2847* (6,278*)	2011 (4,434)	1725 (3,804)	1758* (3,876*)	1053 (2,322)	903 (1,991)	6.67 (21.9)
(9.8 ft)	VAB in	kg (lb)				1968* (4,339*)	1968* (4,339*)	1968* (4,339*)	1910* (4,212*)	1910* (4,212*)	1478 (3,259)	5.24 (17.2)
1.5 m	VAB out	kg (lb)				3009* (6,635*)	1833 (4,042)	1555 (3,429)	1534* (3,382*)	982 (2,165)	839 (1,850)	6.87 (22.5)
(4.9 ft)	VAB in	kg (lb)	4542* (10,015*)	3874 (8,542)	3223 (7,107)	2563* (5,651*)	2059 (4,540)	1770 (3,903)	2172* (4,789*)	1490 (3,285)	1285 (2,833)	5.5 (18)
0 m	VAB out	kg (lb)				2646* 5,834*	1746 3,850	1471 3,244	1256* 2,769*	1015 2,238	867 1,912	6.67 21.9
(0 ft)	VAB in	kg (lb)	5637* (12,430*)	3509 (7,737)	2888 (6,368)	3027* (6,675*)	1905 (4,201)	1623 (3,579)	2488* (5,486*)	1522 (3,356)	1304 (2,875)	5.24 (17.2)

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

## 308 CR VAB 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 <a href="https://www.caterpillar.com/en/company/sustainability">https://www.caterpillar.com/en/company/sustainability</a>.

#### **Engine**

- The Cat® C2.8 Turbo engine meets U.S. EPA Tier 4 Final and 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.

## **Standard and Optional Equipment**

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

	Standard	Optional		Standard	Optional
ENGINE			OPERATOR ENVIRONMENT (continued)		
Cat C2.8 Turbo Diesel Engine (U.S. EPA	✓		Retractable Seat Belt (75 mm/3 in)	✓	
Tier 4 Final/EU Stage V) – Electronic Engine,			Seat Belt Reminder System		✓
Turbo, Fit-For-Life Diesel Particulate Filter (DPF) and Diesel Oxidation Catalyst (DOC)			Coat Hook	✓	
Aftertreatment System			Cup Holder	✓	
Automatic Engine Idle	✓	-	LED Interior Light	✓	
Automatic Engine Shutdown	✓		Literature Holder	✓	
Automatic Swing Brake	✓		Mounting Bosses for Top and Front Guards	✓	
Automatic Two Speed Travel	✓		12V Power Socket	✓	
Fuel Water Separator with Indicator	✓	-	Radio – Bluetooth, Auxiliary, Microphone,	✓	
Radial Seal – Double Element Air Filter	✓		USB (charging only)		
Extended Life Coolant, -37° C ( -35° F)	✓		Skylight	✓	
Ecology Drain	✓		Signaling/Warning Horn	✓	
HYDRAULICS			Cab and (left side) Boom Work Lights	✓	
Smart Tech Electronic Pump	✓		Utility Space for Mobile Phone	✓	
Electronic Variable Displacement	✓		Rain Visor		✓
Piston Pump			Next Generation Color LCD Monitor (IP66)	✓	
Load Sensing/Flow Sharing Hydraulics	✓		– Jog Dial Interface		
Power On Demand	✓		– Fuel Level and Coolant Temperature Gauges		
Hydraulic Temperature Monitoring	✓	_	- Maintenance and Machine Monitoring		
Certified Accumulator	✓		– Performance and Machine Adjustments		
HYDO™ Advanced Hydraulic Oil	✓		- Numeric Security Code		
Third Auxiliary		✓	– Multiple Languages		
OPERATOR ENVIRONMENT			<ul><li>Camera Ready (IP68 and IP69K)</li></ul>		
Top Guard ISO 10262 1998 Level I	✓		– Hour Meter with Wake Up Switch		
ROPS ISO 12117-2:2008	✓		Next Generation Advanced Monitor		✓
Sealed and Pressurized Cab	✓	-	(below are all included with Next Generation		
Stick Steer Mode	✓		Advanced Monitor option)  - Touch Screen		
Travel Cruise Control	✓		- Site Reference System		
Control Pattern Changer	✓		High Definition Camera Capable		
Adjustable Wrist Rests	✓		(IP68 and IP69K)		
Molded Footrests	✓	_	- Numeric Security Code		
Removable, Washable Floor Mat	✓		TECHNOLOGY (availability varies by region)		
Travel Pedals and Hand Levers	✓		Ease of Use Indicate		✓
Cat Key with Passcode Option	✓		Ease of Use E-Fence		✓
Push to Start with Bluetooth® Key		✓	Ease of Use Laser Catcher		✓
HVAC with Automatic Temperature Control	✓		Cat Grade Advanced 2D		✓
Hydraulic Lockout Controls	✓		Cat Grade 3D		✓
Integrated Lower Front Window	✓		Product Link™ Elite (regulations apply)	✓	
Assisted Front Window Overhead Storage	✓			ontinued on i	next page)
Rear Window Emergency Exit	✓		(		1
Cab Mirrors (vary by region)	✓				
Fabric, High Back, Suspension Seat	✓				
Air Suspension Heated Seat		✓			

#### Standard and Optional Equipment (continued)

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

	Standard	Optional
UNDERCARRIAGE		
Greased and Lubricated Track	✓	
Hydraulic Track Adjusters	✓	
Tie Down Eyes on Track Frame	✓	
Dozer Blade	✓	
Wide Dozer Blade		✓
Dozer Float	✓	
Bolt-on, Reversible Wear Edge	✓	
Steel Tracks (450 mm/17.7 in wide)		✓
Wide Steel Tracks (600 mm/23.6 in)		✓
Steel Track with Rubber Pads		✓
Track Guides		✓
BOOM, STICK AND LINKAGES		
Variable Angle Boom	✓	
Standard Stick (1820 mm/71.7 in)	✓	
Front Shovel Capable – Pin-on/Manual Coupler/Hydraulic Coupler (not available	✓	
in all regions)		
Thumb Ready (not available in all regions)	✓	
Boom Lowering Control Valve (Europe Standard)		✓
Stick Lowering Control Valve (Europe standard)		✓
Attachments including Buckets, Augers and Hammers		✓
2nd Auxiliary Hydraulic Lines		✓
Certified Lifting Eye		✓

	Standard	Optional
LECTRICAL		
12 Volt Electrical System	✓	
60 Ampere Alternator	✓	
Circuit Breaker	✓	
900 CCA Maintenance Free Battery	✓	
Lock Out/Tag Out Battery Disconnect	✓	
Ignition Key Stop Switch	✓	
Travel Alarm		✓
Rear Camera	✓	
Rear and Side Camera		✓
Rotating Beacon		✓
GUARDING		
ROPS ISO 12117-2:2008	✓	
Top Guard ISO 10262:1998 (Level I)	✓	
Top Guard ISO 10262:1998 (Level II)		✓
Front Guard (Mesh) ISO 10262:1998 (Level I)		✓
Front Guard (Heavy Duty) ISO 10262:1998 (Level II)		✓
Track Guards		✓
OTHER		
Counterweight (250 kg/551 lb)		✓
Counterweight (500 kg/1,103 lb)		✓
Locks on External Enclosure Doors	✓	
Lockable Fuel Cap	✓	
Beacon Socket	✓	
Rear Reflectors	✓	
Water Jacket Heater		✓
Refueling Pump		✓

For more complete information on Cat products, dealer services, and industry solutions, visit us on the web at www.cat.com

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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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AEHQ8519-01 (10-2025) Replaces AEHQ8519-00 Build Number: 08A (North America, Chile, Europe, Turkey, ANZP)

