160
Motor Grader

Technical Specifications

Configurations and features may vary by region. Please consult your Cat® dealer for availability in your area.

Table of Contents

160 Motor Grader Specifications

Engine

Engine Model	Cat® C9.3B	
Net Engine Power Range ISO 9249		
Non-AWD	107-197 kW	143-264 hp
AWD	112-209 kW	150-280 hp
Bore	115 mm	4.5 in
Stroke	149 mm	5.9 in
Displacement	9.3 L	567.5 in^3
Torque Rise		
Non-AWD	42%	
AWD	38%	
Maximum Torque		
Non-AWD	1390 N•m	312 lbf
AWD	1466 N•m	330 lbf
Rated Speed	2,000 rpm	
Number of Cylinders	6	
Idle Speed		
High Idle Speed	2,100 rpm	
Low Idle Speed	800 rpm	
Maximum Altitude at Full Power		
Non-AWD	4500 m	14,764 ft
AWD	3000 m	9,843 ft

- Advertised power is tested per the specified standard in effect at the time of manufacture.
- See page 12 for Environmental Declarations and Sustainability information.
- Net power available at the flywheel when the engine is equipped with fan, air cleaner, aftertreatment, and alternator with engine speed at 2,000 rpm.
- Cat engines are compatible with diesel fuel blended with following lower-carbon intensity fuels** up to:
  - ✓ 100% biodiesel FAME (fatty acid methyl ester)*
  - ✓ 100% renewable diesel, HVO (hydrotreated 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.

* 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.

Powertrain

Forward/Reverse Gears	9 Forward/6 Reverse including finish gear
Transmission	Direct Drive Powershift, Countershaft
Air Cleaner	Dry
Brakes	Type System
Service	Hydraulic
Parking	Spring Apply/Hydraulic Release
Secondary	Dual Circuit Hydraulic

Hydraulic System

Type (Implement/Steering/Brake)	Closed - Center
Circuit Type	Parallel Post Compensated
Pump Type	Variable Piston
Pump Output	2,000 rpm at 24 129 kPa

Net Power (ISO 9249)

Gear		
Forward		
Finish Gear (FG)	107 kW	143 hp
1st	155 kW	208 hp
2nd	164 kW	220 hp
3rd	174 kW	233 hp
4th	179 kW	240 hp
5th	184 kW	247 hp
6th	197 kW	264 hp
7th	197 kW	264 hp
8th	195 kW	261 hp
Reverse		
1st	155 kW	208 hp
2nd	164 kW	220 hp
3rd	174 kW	233 hp
4th	174 kW	233 hp
5th	174 kW	233 hp
6th	174 kW	233 hp

Operating Specifications

Top Speed Forward	49.0 km/h	30.4 mph
Top Speed Reverse	38.7 km/h	24.0 mph
Steering Range	50°	
Articulation Angle	20°	
Front Wheel Lean	17°	
Total Oscillation	32°	
Forward		
Finish Gear (FG)	3.1 km/h	1.9 mph
1st	4.3 km/h	2.7 mph
2nd	5.8 km/h	3.6 mph
3rd	8.4 km/h	5.2 mph
4th	11.6 km/h	7.2 mph
5th	18.0 km/h	11.2 mph
6th	24.5 km/h	15.2 mph
7th	33.7 km/h	20.9 mph
8th	49.0 km/h	30.4 mph
Reverse		
1st	3.4 km/h	2.1 mph
2nd	6.3 km/h	3.9 mph
3rd	9.2 km/h	5.7 mph
4th	14.2 km/h	8.8 mph
5th	26.6 km/h	16.5 mph
6th	38.7 km/h	24.1 mph

• Machine speed measured at 1,975 rpm with 14.0R24 radial tires, no slip.

160 Motor Grader Specifications

Power to the Ground – AWD

Power Type	ISO 9249 Net		Power to Ground*	
Finish Gear	112 kW	150 hp	81 kW	109 hp
1F	161 kW	216 hp	123 kW	165 hp
2F	183 kW	245 hp	140 kW	188 hp
3F	192 kW	257 hp	142 kW	191 hp
4F	202 kW	271 hp	143 kW	192 hp
5F	209 kW	280 hp	143 kW	192 hp
6F	209 kW	280 hp	135 kW	181 hp
7F	209 kW	280 hp	121 kW	162 hp
8F	209 kW	280 hp	108 kW	145 hp
ISO 14396 Gross	223 kW	299 hp		
Max Torque	1466 N•m	1081 lb-ft		
Rated Speed	2,000 rpm			
Peak Torque	1,000 rpm			

Power to the Ground – Non-AWD

Power Type	ISO 9249 Net		Power to Ground*	
Finish Gear	107 kW	144 hp	80 kW	108 hp
1F	155 kW	207 hp	122 kW	164 hp
2F	164 kW	220 hp	130 kW	174 hp
3F	174 kW	233 hp	135 kW	182 hp
4F	179 kW	240 hp	135 kW	181 hp
5F	184 kW	247 hp	135 kW	181 hp
6F	191 kW	256 hp	133 kW	179 hp
7F	197 kW	264 hp	126 kW	169 hp
8F	197 kW	264 hp	104 kW	139 hp
ISO 14396 Gross	211 kW	283 hp		
Max Torque	1390 N•m	1025 lb-ft		
Rated Speed	2,000 rpm			
Peak Torque	1,000 rpm			

• Calculated powers verified by independent testing at Nebraska Tractor Lab, Lincoln NE, August 19, 2024. Conditions include dry concrete track with average temperature 24° C (75° F).

*Ground speed matched (+/-50 rpm engine). Performance variable fan speed 90%.

Weights – Tier 4 Final / Stage V

Base Weights		
Weight, Base, Non-AWD	17 804 kg	39,251 lb
Front Axle	4854 kg	10,701 lb
Rear Axle	12 950 kg	28,550 lb
Weight, Base, AWD	18 744 kg	41,323 lb
Front Axle	5841 kg	12,877 lb
Rear Axle	12 903 kg	28,446 lb
Typically Equipped Weights*		
Weight, Typically Equipped, Non-AWD	19 853 kg	43,768 lb
Front Axle	5551 kg	12,238 lb
Rear Axle	14 301 kg	31,528 lb
Weight, Typically Equipped, AWD	20 792 kg	45,839 lb
Front Axle	5796 kg	12,778 lb
Rear Axle	14 996 kg	33,061 lb

Weights – Tier 3

Base Weights		
Weight, Base, Non-AWD	17 527 kg	38,640 lb
Front Axle	4879 kg	10,756 lb
Rear Axle	12 648 kg	27,884 lb
Weight, Base, AWD	18 487 kg	40,757 lb
Front Axle	5525 kg	12,181 lb
Rear Axle	12 962 kg	28,576 lb
Typically Equipped Weights*		
Weight, Typically Equipped, Non-AWD	19 574 kg	43,153 lb
Front Axle	5563 kg	12,264 lb
Rear Axle	14 011 kg	30,889 lb
Weight, Typically Equipped, AWD	20 535 kg	45,272 lb
Front Axle	6218 kg	13,708 lb
Rear Axle	14 317 kg	31,564 lb

* Typically equipped operating weight is calculated with push block, transmission guard, rear ripper/scarifier, 14.0R24 tires with multi-piece (MP) rims, and other equipment.

Electrical

Starting System Type	Direct Electric
Heavy Duty Battery	
CCA at –18°	1,125 amp
Volts	12V
Quantity	2
Standard Alternator	150 amps at 24V

Service Refill Capacities

Standard Circle Drive	7 L	1.8 gal
High Performance Circle (HPC) Drive	9.5 L	2.5 gal
Cooling System	68 L	18.0 gal
DEF*	40 L	10.6 gal
Engine Crankcase	26 L	6.9 gal
Fuel Tank	371 L	98.0 gal
Hydraulic System	123 L	32.5 gal
Tandem Housing (each)	80 L	21.1 gal
Transmission and Differential	60 L	15.9 gal

*Tier 4 Final/Stage V machines only

160 Motor Grader Specifications

Drawbar

Non-HPC		
Height and Width	152.4 mm	6.0 in
Width	76.2 mm	3.0 in
Thickness	12.7 mm	0.5 in
Shoes	6 shoes with replaceable wear strips	
HPC		
Height and Width	152.4 mm	6.0 in
Width	76.2 mm	3.0 in
Thickness	12.7 mm	0.5 in
Shoes	320 Hex Bearing	

Circle

Non-HPC		
Section	Rolled Ring Forging	
Outside Diameter	1530 mm	60.2 in
Number of Teeth	64	
Rotation with no Cat Grade and Digital Blade Slope Meter	360°	
Rotation with Cat Grade-Cross Slope, 3D Ready and 3D	Right 70°	Left 70°
HPC		
Section	Welded Ring	
Outside Diameter	1530 mm	60.2 in
Number of Teeth	110	
Rotation with no Cat Grade and Digital Blade Slope Meter	360°	
Rotation with Cat Grade-Cross Slope, 3D Ready and 3D	Right 70°	Left 70°

Ripper

Ripping Depth Maximum	424 mm	16.7 in
Ripper Shank Holder	5	
Ripper Shank Holder Spacing		
Minimum	523.4 mm	20.6 in
Maximum	543.3 mm	21.4 in
Penetration Force		
Non-AWD	84.6 kN	62 lbf
AWD	84.6 kN	62 lbf
Pryout Force		
Non-AWD	104 kN	77 lbf
AWD	121.4 kN	90 lbf

Mid-Machine Scarifier Range (Straight Type)

Scarifying Depth, Maximum	288.5 mm	11.4 in
Scarifier Shank Holders	19	
Scarifier Shank Holder Spacing		
Minimum	111 mm	4.4 in
Maximum	213 mm	8.4 in
Scarifier Working Width	2310.4 mm	91.0 in

Mid-Machine Scarifier Range (V Type)

Scarifying Depth, Maximum	290.4 mm	11.4 in
Scarifier Shank Holders	13	
Scarifier Shank Holder Spacing		
Minimum	116 mm	4.6 in
Maximum	116 mm	4.6 in
Scarifier Working Width	1392 mm	54.8 in

Standards

Cab Rollover Protective Structure (ROPS)	ISO 3471:2008
Cab Fallover Protective Structure (FOPS)	ISO 3449:2005, Level II
Brakes	ISO 3450:2011
Steering	ISO 5010:2019

Sound Standards

Machine Sound Power Level	ISO 6395:2208
Sound Suppression Equipped	107 dB(A)
Non-Sound Suppressed	109 dB(A)
Operator Sound Pressure Level (ISO 6396:2008) Joystick	69 dB(A)

- The dynamic spectator sound power level measurements are performed according to the dynamic test procedures that are specified in ISO 6395:2008. The measurements were conducted at 70% of the maximum engine cooling fan speed.
- The dynamic operator sound pressure level measurements are performed according to the dynamic test procedures that are specified in ISO 6396:2008. The measurements were conducted at 70% of the maximum engine cooling fan speed, with the cab doors and the cab windows closed. The cab was properly installed and maintained.

Air Conditioning System

- The air conditioning system on this machine contains the fluorinated greenhouse gas refrigerant R134a or R1234yf. See the label or instruction manual for identification of the gas.
  - If equipped with R134a (Global Warming Potential = 1430), the system contains 1.6 kg (3.5 lb) of refrigerant which has a CO_2 equivalent of 2.288 metric tonnes (2.521 tons).

160 Motor Grader Specifications

Moldboard

Moldboard (Size)	14 ft Moldboard		14 ft Plus Moldboard		16 ft Moldboard	
Height (Cutting Edges + Moldboard)	587 mm	23.1 in	621 mm	24.4 in	622 mm	24.5 in
Width (Cutting Edges + Moldboard)	4267 mm	168.0 in	4267 mm	168.0 in	4877 mm	192.0 in
Thickness	22 mm	0.9 in	25 mm	1.0 in	25.4 mm	1.0 in
Arc Radius	413 mm	16.3 in	413 mm	16.3 in	413 mm	16.3 in
Throat Clearance, Non-HPC	119 mm	4.7 in	85 mm	3.3 in	111 mm	4.4 in
Cutting Edge						
Height	203 mm	8.0 in	203 mm	8.0 in	203 mm	8.0 in
Width	2133 mm	84.0 in	2133 mm	84.0 in	2438 mm	96.0 in
Thickness	19 mm	0.7 in	19 mm	0.7 in	24 mm	0.9 in
End Bit						
Height	452 mm	17.8 in	452 mm	17.8 in	452 mm	17.8 in
Width	152 mm	6.0 in	152 mm	6.0 in	152 mm	6.0 in
Thickness	16 mm	0.6 in	16 mm	0.6 in	16 mm	0.6 in

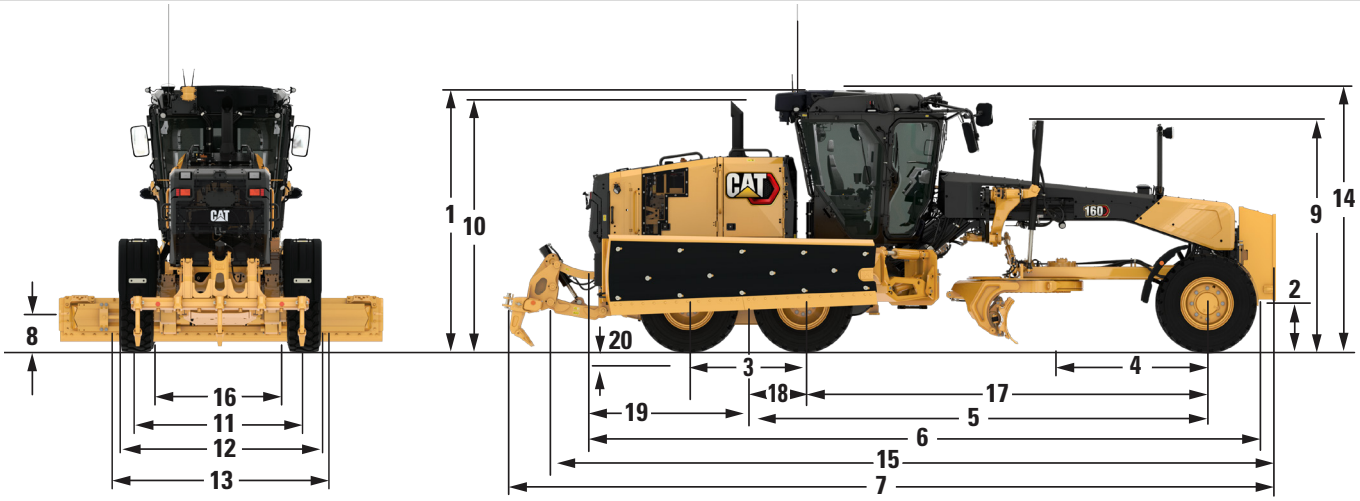
Blade Range

	NON TOP ADJUST		TOP ADJUST		HIGH PERFORMANCE CIRCLE	
Circle centershift						
Right	773 mm	30.4 in	773 mm	30.4 in	773 mm	30.4 in
Left	823 mm	32.4 in	823 mm	32.4 in	823 mm	32.4 in
Moldboard side shift						
Right	966 mm	38.0 in	966 mm	38.0 in	966 mm	38.0 in
Left	809 mm	31.9 in	809 mm	31.9 in	809 mm	31.9 in
Maximum shoulder reach outside tires (12 ft moldboard) – through the outside surface of rear axle tires						
Right	2234 mm	88.0 in	2234 mm	88.0 in	2234 mm	88.0 in
Left	2095 mm	82.5 in	2095 mm	82.5 in	2095 mm	82.5 in
Maximum shoulder reach outside of tires (14 ft moldboard) – through the outside surface of rear axle tires						
Right	2539 mm	100.0 in	2539 mm	100.0 in	2539 mm	100.0 in
Left	2400 mm	94.5 in	2400 mm	94.5 in	2400 mm	94.5 in
Maximum blade position angle both sides	102°		102°		102°	
Maximum blade tip						
Forward	40°		40°		40°	
Rear	5°		5°		5°	
Maximum lift above ground	468 mm	0.0 in	450 mm	0.0 in	447 mm	17.6 in
Maximum depth of cut	675 mm	0.0 in	675 mm	0.0 in	678 mm	26.7 in

NOTE: Values are calculated using 14.0R24 tires.

Dimensions

All dimensions are approximate and may vary dependent on tire selection. Dimensions below are calculated with 14.0R25 tires.



1	Height – Top of Cab	3454 mm	136.0 in
2	Height		
	Front Axle Center	612 mm	24.1 in
3	Length – Between Tandem Axles	1523 mm	60.0 in
4	Length		
	Front Axle to Moldboard	2564 mm	100.9 in
5	Length		
	Front Axle to Rear Axle	6136 mm	241.6 in
6	Length		
	Front Tire to Rear of Machine (Non AWD)	8911 mm	350.8 in
7	Length – Push Plate to Ripper	10297 mm	405.4 in
8	Ground Clearance at Rear Axle	333 mm	13.1 in
9	Height to Top of Cylinders	3044 mm	119.8 in
10	Height to Exhaust Stack	3175 mm	125.0 in
11	Width – Rear Tire Center Lines	2087 mm	82.2 in
12	Width – Outside Rear Tires	2532 mm	99.7 in

13	Width – Outside Front Tires		
	AWD	2583 mm	101.7 in
	Non-AWD	2667 mm	105.0 in
14	Maximum Height With Attachments	3450 mm	135.8 in
15	Length – Push Plate to Raised Ripper	9963 mm	392.2 in
16	Width – Inside Rear Tires	1642 mm	64.6 in
17	Length		
	Front Axle to Articulation Hitch	5292 mm	208.3 in
18	Length – Rear Axle to Articulation Hitch	844 mm	33.2 in
19	Length – Rear Axle to Rear of Machine	2099 mm	82.6 in
20	Height – Tire Deflection at Performance Weight	64.5 mm	2.5 in

160 Standard and Optional Equipment

Standard and Optional Equipment

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

	Standard	Optional
OPERATOR ENVIRONMENT		
Cab, base	✓	
Cab, Plus (sliding side windows)		✓
Cab storage	✓	
CB radio mount bracket with converter		✓
Cellphone holder	✓	
Cup holder	✓	
Differential lock, auto	✓	
Heated glass		✓
Heating, ventilation, and air conditioning (HVAC)	✓	
Lights, dome interior	✓	
Radio ready	✓	
AM/FM, Bluetooth®, Weatherband		✓
Satellite radio		✓
DAB radio		✓
Rollover protective structure (ROPS)/falling objects protective structure (FOPS)	✓	
Screen, rear sun shade		✓
Seat belt	✓	
Seat belt w/ indicator		✓
Seat, air suspension	✓	
Seat, premium heated and ventilated		✓
Wipers, front, door	✓	
Wipers, side windows, rear		✓
SAFETY		
Back-up alarm	✓	
Signaling/warning horn	✓	
Beacon mounts (2)		✓
Grab rails	✓	
Hydraulic brakes	✓	
Hydraulic system – integrated dead engine implement lower	✓	
Hydraulic system – integrated work port pressure relief	✓	
Lockout, hydraulic	✓	
Operator Presence System	✓	
Parking brake	✓	
Mirror, rearview	✓	
Mirrors, side view		✓
Mirrors, B-post		✓
Sound suppression, bottom		✓
Sound suppression, engine		✓
Steering, secondary	✓	
Tandem toolbox	✓	
Tandem walkways	✓	

	Standard	Optional
POWERTRAIN		
Cat® C9.3 engine	✓	
Eco mode	✓	
All-wheel drive (AWD)		✓
Cold weather package		✓
Cold weather package plus		✓
Ecology drain	✓	
Engine idle shutdown	✓	
High-speed engine oil drain		✓
Reversing fan		✓
Transmission with auto shift		✓
Transmission, 9-speed	✓	
DRAWBAR CIRCLE MOLDBOARD		
Top adjust circle	✓	
High Performance Circle with circle saver		✓
Circle drive slip clutch	✓	
Circle saver, top adjust and bottom adjust		✓
Blade lift accumulators		✓
Moldboard, 14 foot	✓	
Moldboard, 16 foot		✓
Moldboard cutting edges		✓
Moldboard end bits		✓
Moldboard grader bits		✓
ELECTRICAL		
1400 CCA battery		✓
1125 CCA battery	✓	
150A Alternator	✓	
Fold down rear lights and turn signals		✓
LED lights – snow wing		✓
LED working lights basic – mid-toe and heel lights		✓
LED working lights plus – mid-toe, heel, ripper, and cab roading lights		✓
Low light and high light bars		✓
Reversing lights	✓	

(Continued on next page)

Standard and Optional Equipment *(continued)*

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

	Standard	Optional
SERVICE AND MAINTENANCE		
Engine service light	✓	
Extended life coolant	✓	
Ground-level DEF and fuel fill (Tier 4 Final, Stage V only)	✓	
Grouped location for engine oil and fuel filters	✓	
Next generation fluid filters	✓	
Service doors, barrel-hinged	✓	
Service doors, lower panel toolless removal	✓	
ATTACHMENTS		
Angling plow		✓
Brooms		✓
Counterweight		✓
Front blade		✓
Lift groups		✓
Mid-machine scarifier (MMS)		✓
Plows		✓
One-way plow		✓
Push block		✓
Rear ripper/scarifier		✓
Snow wing		✓
Straight plow		✓
Tow hitch		✓
Trip edge plow		✓
U-V plow		✓
V-Plow		✓

	Standard	Optional
TECHNOLOGY		
Cross Slope Assist (2D) with ARO		✓
Cross Slope Assist: E-Fence, Autoarticulation, Stable Blade (2D)	✓	
Cat Grade 3D Mastless		✓
Cat Grade 3D Ready w/Mastless		✓
Front Vision		✓
Rear Vision		✓
RTK corrections radios for Cat Grade w/ 3D Mastless		✓
Passcode Security System	✓	
Stable Blade		✓
Surround Vision (360°)		✓
Surround Vision (360°) w/ People Detection		✓
Tire Pressure Monitoring System (TPMS)		✓
VisionLink™		✓
Application Segmentation and Efficiency Coach		✓

160 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 Next Generation Cat® motor graders are available in configurations that meet Tier 4 Final/Stage V emission standards or Brazil MAR-1, equivalent to U.S. EPA Tier 3 and EU Stage V emissions.
- Cat Tier 4 Final/Stage V engines are required to use ULSD (ultra-low sulfur diesel fuel with 15 ppm of sulfur or less) and are compatible* with ULSD blended with the following lower-carbon intensity fuels** up to:
  - ✓ 20% biodiesel FAME (fatty acid methyl ester)***
  - ✓ 100% renewable diesel, HVO (hydrotreated vegetable oil) and GTL (gas-to-liquid) fuels
- Cat engines meeting Brazil MAR-1, equivalent to U.S. EPA Tier 3 and EU Stage IIIA emissions, are compatible* with diesel fuel blended with the following lower-carbon intensity fuels** up to:
  - ✓ 100% biodiesel FAME (fatty acid methyl ester)****
  - ✓ 100% renewable diesel, HVO (hydrotreated 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.

** While Caterpillar engines are compatible with these alternative fuels some regions may not allow their use.*

*** Tailpipe greenhouse gas emissions from lower-carbon intensity fuels are essentially the same as traditional fuels.*

**** Engines with no aftertreatment devices are compatible with higher blends, up to 100% biodiesel (for use of blends higher than 20% biodiesel, consult your Cat dealer).*

***** For use of blends higher than 20% biodiesel, consult your Cat dealer.*

Air Conditioning System

- The air conditioning system on this machine contains the fluorinated greenhouse gas refrigerant R134a or R1234yf. Refer to the machine labeling for identification of the gas.
  - – If equipped with R134a (Global Warming Potential = 1430), the system contains 1.6 kg (3.5 lb) of refrigerant which has a CO_2 equivalent of 2.288 metric tonnes (2.521 tons).

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

Machine Sound Power Level	ISO 6395:2208
Sound Suppression Equipped	107 dB(A)
Non-Sound Suppressed	109 dB(A)
Operator Sound Pressure Level (ISO 6396:2008) Joystick	69 dB(A)

- The dynamic spectator sound power level measurements are performed according to the dynamic test procedures that are specified in ISO 6395:2008. The measurements were conducted at 70% of the maximum engine cooling fan speed.
- The dynamic operator sound pressure level measurements are performed according to the dynamic test procedures that are specified in ISO 6396:2008. The measurements were conducted at 70% of the maximum engine cooling fan speed, with the cab doors and the cab windows closed. The cab was properly installed and maintained.

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 contribute to fuel savings and/or carbon reduction. Features may vary. Consult your Cat dealer for details.
  - – Eco mode minimizes fuel consumption for light application.
  - – Engine Idle Shutdown Timer reduces fuel burn, greenhouse gas emissions and unnecessary idle time by shutting down the machine after a preset idling period.
  - – Cat Grade helps reduce fuel burn and greenhouse gas emissions by enabling you to achieve grade faster and more accurately by automating blade actions.
  - – Cut maintenance costs with extended service intervals with next generation filters.
  - – Improve jobsite efficiency with lower operating costs with VisionLink™ insights.

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	81.95%
Iron	11.90%
Nonferrous Metal	1.45%
Mixed Metal	0.04%
Mixed Metal and Nonmetal	2.47%
Plastic	0.51%
Rubber	0.07%
Mixed Nonmetallic	0.44%
Fluid	0.28%
Other	0.56%
Uncategorized	0.33%
Total	100%

- 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 (Earthmoving 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 value in the table may vary.

Recyclability – 98%

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

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

AEXQ4599-00 (07-2026)
Build Number: 16A
(Global)