

Next Generation

Cat® 160

Motor Graders

Power to the Ground

A new specification is now available on Next Generation Cat® 160 Motor Graders, showing the actual power to the ground performance. Cat updated the power strategy (called Power to the Ground) so the machine now delivers consistent power in every condition – hot or cold weather, heavy or light load. This means the grader feels more stable, more predictable, and easier to control, especially when fine-grading. You still get the same real-world productivity, with smoother operation and better fuel efficiency.

More Consistent Power to the Ground

- With true constant net power, the machine delivers the same power at a given engine speed and gear, regardless of ambient temperature or load.
- This means operators experience more predictable grading performance. Consistent power to the ground also improves machine feel and control during fine-grading work.

Improved Grading Quality with Integrated Control Technologies

- Because the power curve is more stable, technologies such as Cat Grade with Cross Slope, Stable Blade, and 3D Grade perform more accurately. Stable, predictable power improves automated blade control response.

No Loss in Real-World Productivity

- With the Next Generation Cat 160 motor graders, you get the same legendary performance for road building, site prep, ditching, and snow removal – now backed by the latest design evolution. The model numbers changed. The capability didn't.

Better Fuel Efficiency

- Power to the Ground supports smoother operation and reduced fuel burn by avoiding unnecessary power spikes, allowing the machine to run in optimized power more often.

Cat® 160 Motor Grader

Technical Specifications

AWD								
	160 (16A) JOY				160 (15B)			
Power Type	ISO 9249 Net		Power to Ground*		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	180 kW	241 hp	132 kW	177 hp
2F	183 kW	245 hp	140 kW	188 hp	195 kW	261 hp	144 kW	193 hp
3F	192 kW	257 hp	142 kW	191 hp	199 kW	267 hp	142 kW	190 hp
4F	202 kW	271 hp	143 kW	192 hp	203 kW	272 hp	136 kW	183 hp
5F	209 kW	280 hp	143 kW	192 hp	219 kW	294 hp	143 kW	191 hp
6F	209 kW	280 hp	135 kW	181 hp	219 kW	294 hp	135 kW	181 hp
7F	209 kW	280 hp	121 kW	162 hp	219 kW	294 hp	121 kW	162 hp
8F	209 kW	280 hp	108 kW	145 hp	219 kW	294 hp	103 kW	138 hp
ISO 14396 Gross	223 kW	299 hp			192 kW	257 hp		
Max Torque	1466 N•m	1081 lb-ft			1247 N•m	920 lb-ft		
Rated Speed	2,000 rpm				2,000 rpm			
Peak Torque	1,000 rpm				1,000 rpm			

Non-AWD								
	160 (16A) JOY				160 (15B)			
Power Type	ISO 9249 Net		Power to Ground*		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	165 kW	221 hp	122 kW	164 hp
2F	164 kW	220 hp	130 kW	174 hp	172 kW	231 hp	129 kW	173 hp
3F	174 kW	233 hp	135 kW	182 hp	180 kW	241 hp	133 kW	179 hp
4F	179 kW	240 hp	135 kW	181 hp	188 kW	252 hp	135 kW	181 hp
5F	184 kW	247 hp	135 kW	181 hp	191 kW	256 hp	133 kW	178 hp
6F	191 kW	256 hp	133 kW	179 hp	195 kW	261 hp	130 kW	174 hp
7F	197 kW	264 hp	126 kW	169 hp	199 kW	267 hp	119 kW	160 hp
8F	197 kW	264 hp	104 kW	139 hp	203 kW	272 hp	93 kW	125 hp
ISO 14396 Gross	211 kW	283 hp			177 kW	237 hp		
Max Torque	1390 N•m	1025 lb-ft			1139 N•m	840 lb-ft		
Rated Speed	2,000 rpm				2,000 rpm			
Peak Torque	1,000 rpm				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%

IBAMA PROCONVE HOMOLOGADO

AEXQ4602-00 (04-2026)
Build Number: 16A
(Global)

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.

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