

140 GC

MOTOR GRADER



Engine Power
Operating Weight

131 kW-147 kW (176 hp-196 hp)
18 365 kg (40,488 lb)

Cat® 140 GC meets U.S. EPA Tier 4 Final, EU Stage V, and China Nonroad Stage IV emission standards.

CAT®

THE NEW CAT® 140 GC

GO THE DISTANCE

The new **Cat 140 GC** motor grader combines performance with cost-efficient owning and operating. Servicing the machine is easy with grouped filter locations. Comfort options, including a heating/cooling system or air suspension seat, keep you productive throughout the day.



GRADING THE ROAD AHEAD

The new Cat 140 GC motor grader gets you to the ideal grade with simple-to-operate, quick, and accurate hydraulic controls.

- + GET THE PERFORMANCE YOU NEED IN THE CAT C7.1 ENGINE AND ALL-WHEEL DRIVE (AWD) OPTION
- + CAB OPTIONS FOR IDEAL COMFORT
- + EASILY MAINTAIN AND SERVICE

LOW COST-PER-HOUR OPERATION

Extended maintenance cycles, demand fan, and optional reversing fan keep your overall costs down.

CAB DESIGNED FOR COMFORT

Boost productivity and efficiency with cab comfort options.

RELIABLE PERFORMANCE

Get precise, consistent blade movement with the Cat C7.1 engine and controls along with added traction with the AWD option.

WORK MORE... FUEL LESS

Get up to 5% fuel savings using Eco mode



SCENARIO:

COMPARED TO NOT USING ECO MODE



TAKE THE GUESSWORK OUT OF MANAGING YOUR EQUIPMENT **CAT TECHNOLOGY**

Cat Link telematics technology helps take the complexity out of managing your jobsites by gathering data generated by your equipment, materials, and people and serving it up to you in customizable formats.



CAT APP

The Cat App helps you manage your assets – at any time – right from your smartphone. You can see your fleet location, hours, and other information you need to see. You will get critical alerts for required maintenance, and you can even request service from your local Cat dealer.

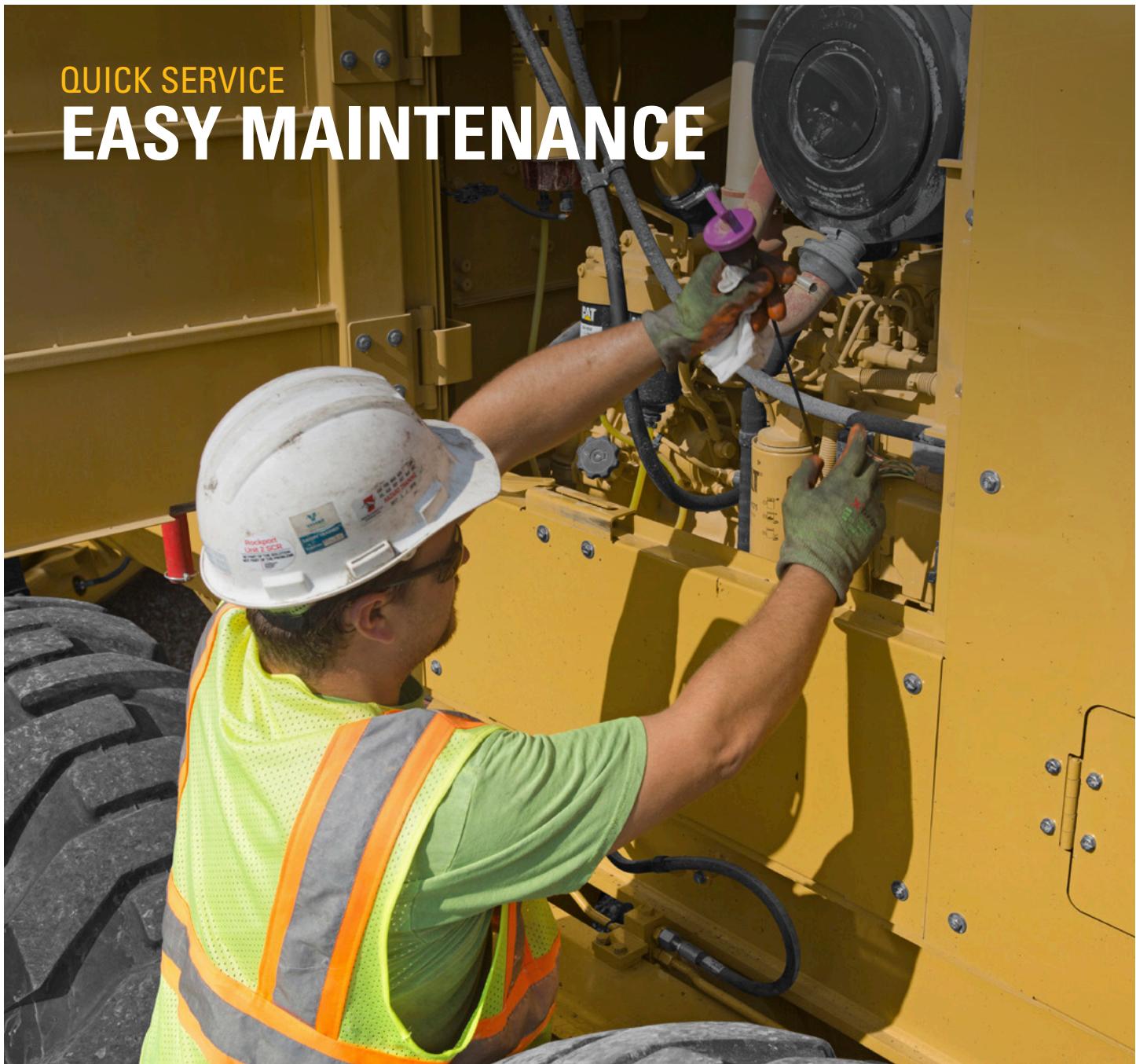
PRODUCT LINK™

Product Link collects data automatically and accurately from your assets – any type and any brand. Information such as location, hours, fuel usage, productivity, idle time, maintenance alerts, diagnostic codes, and machine health can be viewed online through web and mobile applications.

VISIONLINK®

Access information anytime, anywhere with VisionLink – and use it to make informed decisions that boost productivity, lower costs, simplify maintenance, and improve safety and security on your jobsite. With different subscription level options, your Cat dealer can help you configure exactly what you need to connect your fleet and manage your business without paying for extras you don't want. Subscriptions are available with cellular or satellite reporting or both. May not be available in all regions.

QUICK SERVICE
EASY MAINTENANCE



REVERSING FAN

Spend less time cleaning the cooling system with the reversing fan option, which reduces costs when cleaned once per week for more uptime.

LONG SERVICE INTERVALS

Reduce your operating expenses and spend more time working with extended filter change cycles.

GROUPED LOCATION

Service your machine faster with easy access filters in a central location so you can do preventative maintenance quickly and move on to the next job.

ADJUSTABLE SUPPORT

Enter the cab easily and pull the control console into place. Lumbar support in the air suspension seat option helps to improve posture and reduce fatigue.

VENTILATION

The heating and cooling system option helps you stay comfortable throughout the day.

DIGITAL BLADE SLOPE METER

Reduce the need for manual grade checking to keep you and your worksite safer with the Digital Blade Slope Meter option, which integrates directly onto your information display screen.

ADJUSTABLE OPTIONS

COMFORT WHERE IT COUNTS





CONVENIENT SETTINGS

Get all the necessary settings information on the easy-to-read information display screen.



EXTRAORDINARY VISIBILITY

Side and rearview mirrors give you a broad view of the jobsite. The rearview camera option provides a wide view behind the machine for better visibility.



PRECISE CONTROLS

Become one with your machine using fast, accurate hydraulic controls to power through the job. The powershift transmission changes on the go to minimize shifting gear. AWD gives you more traction to handle rough terrain.



EASY ON AND OFF

Work safely using three points of contact when entering and exiting the machine with strategically placed walkways and grab rails.

SEE YOUR INVESTMENT GO FURTHER DESIGNED TO LAST

MAXIMIZE COMPONENT LIFE

Reduce daily greasing requirements and repairs to your circle and pinion with the Circle Saver option. The grease fitting is easy to access and maintain.

PRESERVE YOUR MACHINE

The circle drive slip clutch option protects your pinion drive and circle teeth from damage.

REDUCE DAMAGE

Keep your machine running smoothly in demanding applications with guarding. The standard transmission guard defends against damage from underneath the machine.





MOVE MORE

WITH CAT ATTACHMENTS



MID MOUNT SCARIFIER



RIPPER



FRONT BLADE



SNOW WING

ENHANCE YOUR PRODUCTIVITY

From a ripper to front blade, expand the versatility of your machine by utilizing a variety of Cat attachments. Each one is designed to fit your needs for improved performance, safety, and stability.

TECHNICAL SPECIFICATIONS

See cat.com for complete specifications.

POWER TRAIN			BLADE RANGE					
Engine Model			Cat C7.1					
Meets U.S. EPA Tier 4 Final, EU Stage V and China Nonroad Stage IV emission standards.			Circle Center Shift					
Net Power* ISO 9249, SAE J1349, 80/1269/EEC	147 kW	196 hp	Right	728 mm	28.7 in			
Engine Power AWD	147 kW	196 hp	Left	752 mm	29.6 in			
Bore	105 mm	4.1 in	Moldboard Side Shift					
Displacement	7.01 L	427.8 in ³	Right	526 mm	20.7 in			
Stroke	135 mm	5.3 in	Left	649 mm	25.6 in			
Engine RPM	2,200 rpm		Blade Tip Range					
Maximum Torque – ISO 9249	835 N•m	616 lbf-ft	Forward	40°				
Top Forward Speed	41.7 km/h	25.9 mph	Backward	5°				
Top Reverse Speed	24.0 km/h	14.9 mph	Maximum Shoulder Reach					
Turning Radius, Outside Front Tires	7.8 m	25.6 ft	Right	1812 mm	71.3 in			
*Net power available at the flywheel when the engine is equipped with fan, air cleaner, aftertreatment, and alternator with engine speed at 2,200 rpm.			Left	1886 mm	74.3 in			
• Engine power is tested per ISO 9249, SAE J1349, and EEC 80/1269 Standards in effect at the time of manufacture.			Maximum Lift Above Ground					
• The air conditioning system on this machine contains the fluorinated greenhouse gas refrigerant R134a (Global Warming Potential = 1430). The system contains 2.0 kg of refrigerant which has a CO ₂ equivalent of 2.86 metric tonnes.			475 mm					
WEIGHT								
Typically Equipped Machine Weight*								
Weight (Stage V)*	17 650 kg	38,912 lb	Maximum Depth of Cut					
Weight (Tier 4 Final)**	18 365 kg	40,488 lb	715 mm					
AWD (Stage V)*	18 390 kg	40,543 lb	MOLDBOARD					
AWD (Tier 4 Final)**	19 105 kg	42,119 lb	Width					
• Typically equipped operating weight is calculated with full fuel tank, coolant, lubricants, operator, push block, rear ripper, tires on multi-piece rims (*17.5-25 Bias/**17.5R-25), and other equipment.								
SERVICE REFILL CAPACITIES								
Fuel Tank	295 L	77.9 gal	Width					
Diesel Exhaust Fluid (DEF)	16 L	4.2 gal	Height					
Circle Drive without Slip Clutch	2 L	0.5 gal	End Bit					
Circle Drive with Slip Clutch	7.5 L	2.0 gal	Cutting Edge					
Engine Crankcase	21 L	5.5 gal	Arc Radius					
Cooling System	40 L	10.6 gal	Throat Clearance					
Hydraulic System	45 L	11.9 gal	DIMENSIONS					
Transmission	18 L	4.8 gal	Length of Machine*					
Differential Group	33 L	8.7 gal	10 332 mm					
NET POWER								
Gear	VHP		406.7 in					
Forward	AWD		Maximum Height					
1st	131 kW	176 hp	3798 mm					
2nd	139 kW	186 hp	149.5 in					
3rd – 6th	147 kW	196 hp	Width					
Reverse	2493 mm		Width (AWD)					
1st	131 kW	176 hp	2638 mm					
2nd	139 kW	186 hp	103.9 in					
3rd	147 kW	196 hp	*Typically equipped with push block and ripper.					
• Power as declared per ISO 14396								
• Engine power is rated at 150 kW (201 hp) at 2,200 rpm.								

STANDARD & OPTIONAL EQUIPMENT

Standard and optional equipment may vary. Consult your Cat dealer for details. Not all options available in all regions.

POWER TRAIN	STANDARD	OPTIONAL	SAFETY AND SECURITY	STANDARD	OPTIONAL
Cat C7.1 Engine	●		Rearview Mirror	●	
Eco Mode	●		Side-view Mirror	●	
50°C (122°F) Ambient Capacity	●		Signaling/Warning Horn	●	
Engine Idle Shutdown Timer	●		Parking Brake	●	
No-spin Differential	●		Secondary Steering System		●
Digital Blade Slope Meter		●	Rearview Camera		●
Demand Fan	●		Front-view Camera		●
Reversing Fan		●	Hydraulic Brakes	●	
All-Wheel Drive (AWD)		●	Rear Fenders		●
CAB	STANDARD	OPTIONAL	SERVICE AND MAINTENANCE	STANDARD	OPTIONAL
ROPS/FOPS	●		Grouped Location for Engine Oil and Fuel Filters	●	
Static Seat	●		Extended Life Coolant	●	
Mechanical Suspension Seat		●			
Air Suspension Adjustable Seat		●			
Information Display	●				
Adjustable Control Console	●				
Entertainment Radio Ready	●				
LED Lighting	●				
Product Link	●				
DRAWBAR CIRCLE MOLDBOARD	STANDARD	OPTIONAL	ATTACHMENTS	STANDARD	OPTIONAL
Standard Drawbar Circle Moldboard	●		Push Block		●
Circle Drive Slip Clutch		●	Moldboard – 4279 mm × 659 mm × 20 mm (14 ft × 25.9 in × .875 in)		●
Circle Saver		●	Ripper/Scarifier		●
			Mid Mount Scarifier		●
			Front Blade		●

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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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www.cat.com www.caterpillar.com

AEXQ2991-01
Replaces AEXQ2991
Build Number: 01A
(Eur, Chile, China, N Am, Turkey)

