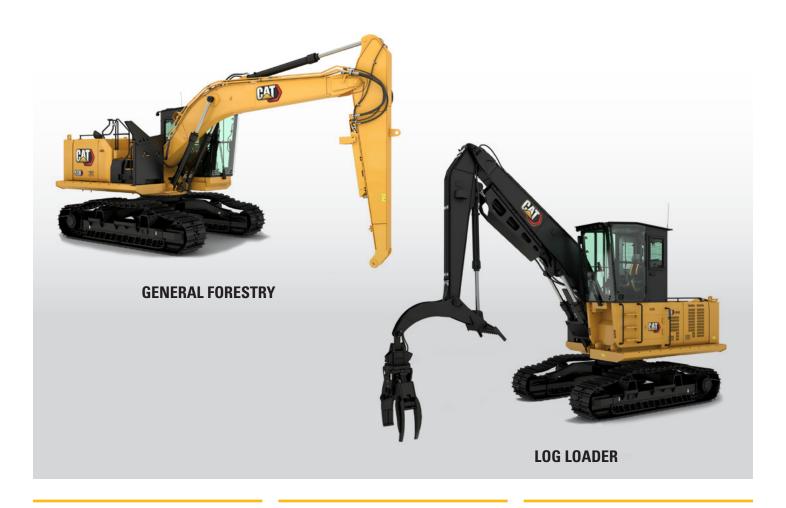


FM538 GF/ **FM538 LL**

FOREST MACHINE

The Cat® FM538 is the best choice in its size class for today's loggers. With its new highvisibility forestry cab and factory logging configurations to meet your specific needs, the FM538 can make your work in the woods more productive and profitable.



Available in a choice of rear or side entry, the Certified Forestry Rollover Protective Structure (ROPS) cab is sound-suppressed, sealed, and 25% larger than the previous series' cab with a wider and taller door.

BUILT FOR YOUR SAFETY IMPROVES PRODUCTION LOWERS MAINTENANCE **UP TO 10%**

Moves heavy logs confidently with greater swing torque. Heavy lift mode increases pressure for an additional boost for bigger timber until the task is done. More travel speed and a taller undercarriage get you up, down, and over stumps faster.

COSTS UP TO 15%

Experience increased uptime and reduced costs with longer-life fuel and hydraulic oil filters. Cat fuel filters have double the life of the previous filters, and the hydraulic oil return filter provides 50% more service life.

LATEST FEATURES



Cab Monitor Improvements

- Continuously improved user interface allows intuitive navigation, minimizing performance interruption with the easy-to-use touchscreen menu.
 - 1. Identify apps quickly with a grid list view, abbreviated app names, and categorized menu options.
 - A notification center keeps important information visible to the operator and displays messages without shrinking the camera view.
 - ${\bf 3. \ Color-coded \ notifications \ set \ critical \ messages \ apart \ from \\ the \ rest.}$
 - 4. Use the in-monitor QR code to learn about machine and technology features through a full suite of "how-to" videos.
- Enhance visibility to make service work easier and safer with optional inspection lighting.
- Standard integrated vehicle health management system alerts operators with service guidance and parts needed to enhance uptime.

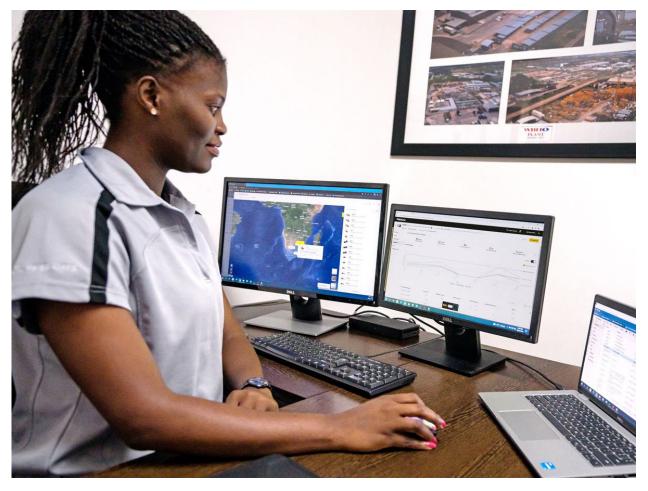
Build Number: 07C

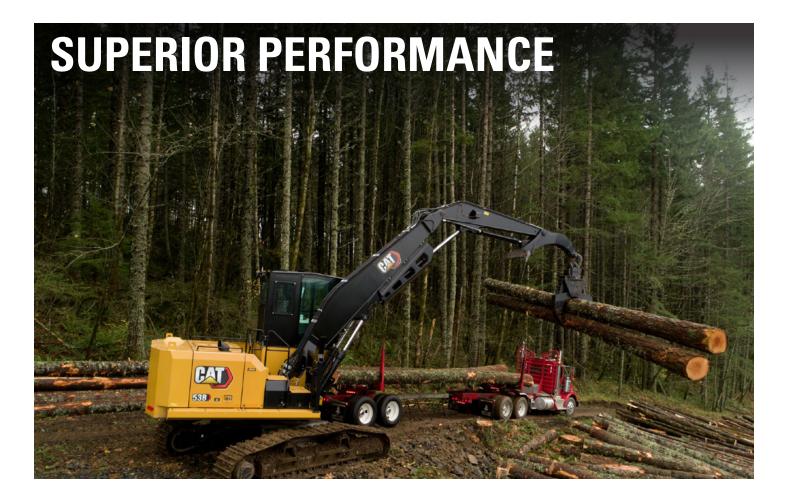


TAKE THE GUESSWORK OUT OF MANAGING YOUR EQUIPMENT

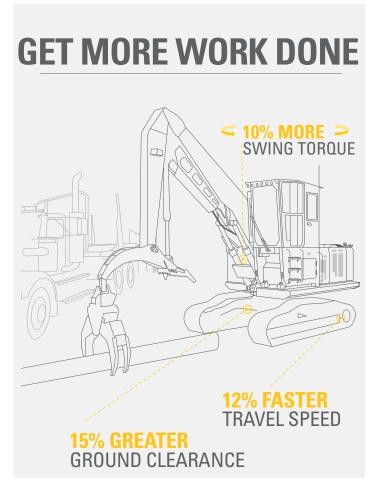
- VisionLink® provides actionable data insights for all assets regardless of fleet size or equipment manufacturer.* Review equipment data from your desktop or mobile device to maximize uptime and optimize assets. Dashboards provide information such as hours, miles, location, idle time, and fuel utilization. Make informed decisions that lower costs, simplify maintenance, and improve safety and security on your jobsite.
- VisionLink Productivity gathers and summarizes machine telematics and jobsite data from all your equipment – regardless of the manufacture.* View actionable information such as idle time, fuel burn, location, payload, load counts, total cycles, and more to improve machine efficiency, productivity, and utilization. Access data anywhere via a mobile, tablet, or desktop device – on or off the jobsite.
- Cat® Inspect is a mobile application that allows you to easily perform
 digital preventative maintenance (PM) checks, inspections, and
 daily walkarounds. Inspections can easily be integrated with other
 Cat data systems like VisionLink so you can keep a close eye on
 your fleet.
- Remote Troubleshoot is a mobile application that allows your Cat dealer to perform diagnostic testing on your connected machine remotely to help resolve issues quickly and with less downtime.

- Remote Flash is a mobile application that allows you to update onboard software without a technician being present, allowing you to initiate software updates when convenient, increasing your overall operating efficiency.
- The Cat PL161 attachment locator allows you to track attachments across all worksites, reduce the number of lost attachments, and plan for attachment maintenance and replacement. The work tool recognition** feature automatically adjusts machine settings based on the selected tool.
- *Data field availability can vary by equipment manufacturer.
- **Recognition feature available on select excavator models. Consult your Cat dealer for details.



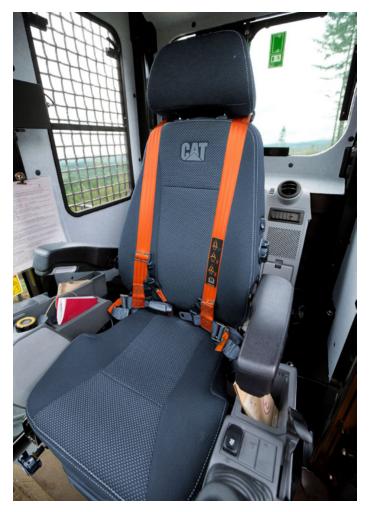


- The Cat C7.1 engine is fuel efficient and can run on biodiesel and other renewable fuels.
- Smart mode helps reduce fuel consumption by automatically matching engine and hydraulic power to working conditions.
- Pick and place logs with precision and power with the electrohydraulic control system.
- Heavy lift mode with up to 10% more swing torque* helps you confidently move big logs.
- Get to work faster with up to a 12% increase in travel speed*.
- Auxiliary hydraulic options let you use Cat grapples and various other attachments.
- Work in extreme environments with a standard high-ambient capability of 52° C (126° F) and cold start capability of -32° C (-25° F).
- *All percentages are compared to the 2020 model year 538.



UNMATCHED OPERATOR COMFORT

- Operators can choose the rear or side entry cab with up to 25% more space and a tilt-up console*.
- The dual HVAC system keeps operators comfortable in cold and warm weather.
- A wider heated and cooled air-suspension seat makes year-round work more pleasant.
- All controls are within easy reach to reduce twisting and turning and keep you focused on the work area.
- Cab risers 165 mm (6.5") fixed or 1219 mm (48") hydraulic tilt are available to meet your work needs.
- Special roof lining and window and door sealing reduce noise, making the interior as quiet as today's top work trucks.
- Stow your gear with in-cab storage beneath, behind the seat, and in the consoles.
- Use the standard radio's USB ports and Bluetooth® technology to connect personal devices and make hands-free calls.





SIMPLE OPERATION



- Cat continues to improve user interface functionality for operators
 of all skill levels. The touchscreen monitor is an easy-to-use operating
 tool that presents the jobsite dashboard with an intuitive format.
- The Cat PL161 attachment locator is a Bluetooth device designed to let users know where their attachments are across all worksites, reduce the number of lost attachments, and plan for attachment maintenance and replacement. The PL161 integrates easily into VisionLink for full fleet management of machines and attachments from one smartphone or tablet dashboard to view location and tracking details.
- The keyless push-button engine start adds security by using operator ID codes to limit and track machine access. Codes can be entered manually or via an optional Bluetooth key fob.
- Navigate quickly on the standard high-resolution 254 mm (10 in) touchscreen monitor.
- Make moving the excavator much easier with optional Cat Stick Steer. Push a button and use one hand to travel and turn instead of both hands or feet on levers or pedals.
- Not sure how a function works or how to maintain the machine?
 Always have the operator's manual at your fingertips in the touchscreen monitor.
- Optional auxiliary relay powers on and turns off CB radios and other attachments without you taking your hands off the joysticks.



VERSATILE CONFIGURATIONS

General Forestry

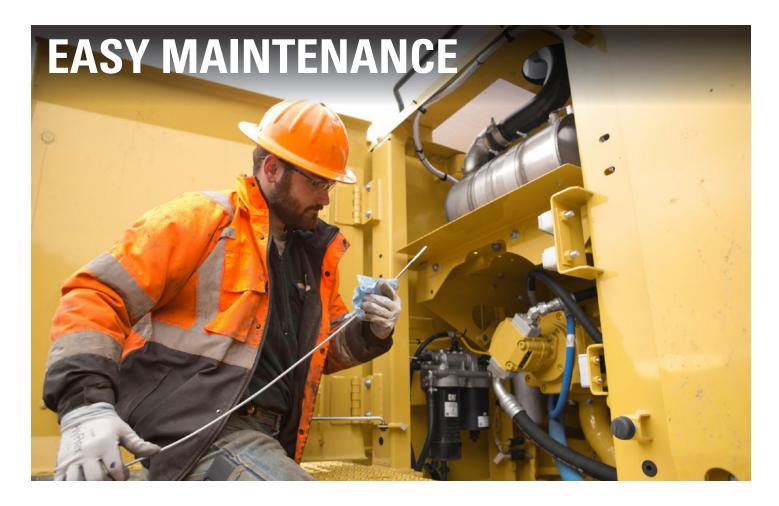
- The General Forestry model is ideal for road work, grappling, processing, and delimbing.
- 2. With a reach boom and quick coupler, you can equip the FM538 with a processor, bucket, thumb, mulcher, and other attachments to get work done quickly and efficiently.
- A frontless option allows you to customize the machine to fit your applications.

Log Loader

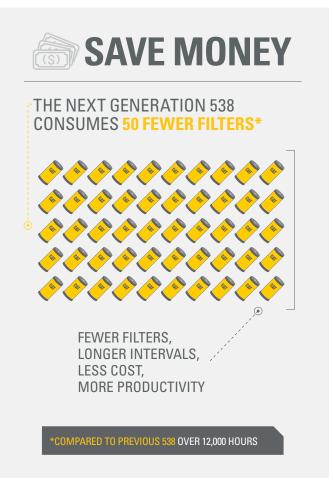
- 1. The log loader configuration is ideal for truck loading, Butt-n-Top loading, power clam applications, and millyard work.
- An under-mounted heel cylinder provides maximum force for shovel logging with a Cat grapple. A variable displacement pump delivers high-flow rotating capability for heel and log grapples and Power Clam and Butt-n-Top grapples.
- 3. An overmounted heel cylinder provides maximum clearance to load trucks and increases lift height for millyard applications.
- Rugged, reliable, simple-to-service Cat forestry grapples range in size from 1322 mm (52") to 1524 mm (60").
- Special Tri Link shoes are available for lower ground pressure and extra flotation in soft, wet, underfoot conditions.





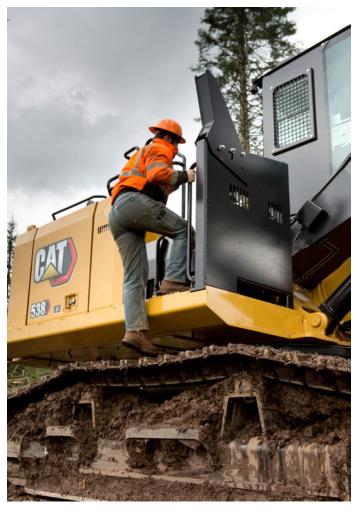


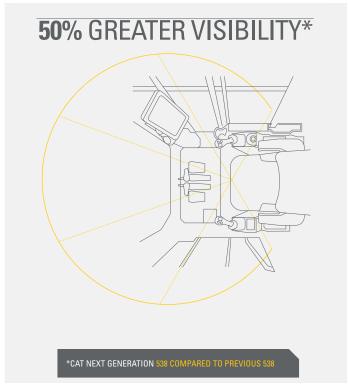
- Boost productivity with proactive service reminders. The Integrated Vehicle Health Management system alerts the operator with step-bystep service guidance and the parts needed so you don't experience unnecessary downtime.
- Expect up to 15% less maintenance cost than the previous model. (Savings calculated over 12,000 machine hours.)
- The engine's regeneration system functions automatically with no operator input or interruption to work.
- Using Cat genuine oil and filters and doing typical Scheduled Oil Sampling (S·O·SSM) monitoring will double the current service interval to 1,000 hours, giving you greater uptime to do more work.
- S·O·S ports simplify maintenance and allow for quick, easy extraction of fluid samples for analysis.
- The diesel particulate filter requires no maintenance.
- Replace fuel filters at 1,000 hours twice the interval from the previous filters.
- The latest hydraulic oil filter provides improved filtration performance, anti-drain valves to keep oil clean when the filter is replaced, and longer life with a 3,000-hour replacement interval – 50% longer than previous filter designs.
- The high-efficiency cooling fan runs only when needed; program intervals so the fan automatically reverses to keep cores clean without interrupting your work.



ENHANCED SAFETY

- The cab meets applicable industry standards for Rollover Protective Structure (ROPS)/Falling Object Protective Structure (FOPS)/Operator Protective Guards (OPG) and protects the operator inside the cab.
- Access most routine maintenance points at ground level.
- The right-hand service platform design provides easy, safe, and quick access to the upper service platform; the service platform steps use an anti-skid punch plate to prevent slipping. Handrails are provided for easy access.
- Larger 32 mm (1.25") polycarbonate front window, smaller cab pillars, and a flat engine hood improve visibility by up to 50%.
- Standard rearview camera enhances jobsite visibility; right-handsideview cameras are optional.
- The monitor's slope and grade indicator tell you the machine's position to help optimize its performance.
- A signaling/warning horn and travel alarm enhance jobsite safety.
- Make service work easier and safer with optional inspection lighting. With the flip of a switch, lights will illuminate the engine, pump, battery, and radiator compartments to enhance visibility.





SUSTAINABILITY

- The Cat 7.1 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)* or 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.
- Auto Engine Speed Control reduces unnecessary fuel burn and greenhouse gas emissions by allowing the engine to automatically go into idle mode when the machine is not working.
- Extended maintenance intervals reduce downtime and decrease the amount of fluid and filters that are replaced over the machine's life.
- \bullet Cat VisionLink displays the CO $_2$ emissions for monitored assets, calculated by fuel type for the Runtime Fuel Burned each day in a selected date range.

- Remote Flash minimizes downtime and maintenance time while keeping your asset running at maximum efficiency. Alerts for machine updates are sent virtually from your Cat dealer, and updates can be deployed without a dealer technician needing to be onsite.
- Remote Troubleshoot decreases maintenance time and keeps your machine running with maximum efficiency by allowing your Cat dealer to virtually test the machine while working. Once a problem is identified, a technician can fix it the first time, saving time and money.
- *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.



INCREASE YOUR PRODUCTIVITY AND PROFIT

WITH CAT ATTACHMENTS

Easily expand the performance of your machine by utilizing any of the variety of Cat attachments. Each Cat attachment is designed to fit the weight and horsepower of the Cat machine for improved performance, safety, and stability.



GRAPPLES

Cat log loading grapples are made with high-strength steel for maximum performance. They are ideal for picking and sorting, bunching and loading, and shoveling applications. Bolt-on access panels make them easier to service.



MULCHERS

Cat forestry mulchers make land clearing fast and safe. Staggered teeth quickly turn trees into mulch; a hydraulically controlled door lets the operator direct mulch flow to enhance jobsite safety.



BUCKETS

Cat buckets move material quickly and efficiently. Their unique design enables more efficient filling and better operator control, which improves overall productivity.



COUPLERS

Cat quick couplers allow you to change between tools in minutes, making the machine capable of doing a variety of money-making tasks.



ATTACHMENT TRACKING MADE EASY

The Cat PL161 Attachment Locator is a Bluetooth device that makes finding grapples, buckets, and other gear quick and easy. The excavator's onboard Bluetooth reader will locate the device automatically.

TECHNICAL SPECIFICATIONS

E	ingine		
Engine Model	Cat C	Cat C7.1	
Net Power – ISO 9249	128.5 kW	172 hp	
Engine Power – ISO 14396	129.4 kW	174 hp	
Net Power – ISO 9249 (DIN)	175 hp (r	netric)	
Engine Power – ISO 14396 (DIN)	176 hp (r	176 hp (metric)	
Bore	105 mm	4 in	
Stroke	135 mm	5 in	
Displacement	7 r/min	428 r/min	
Biodiesel Capability	B20	B20 ¹	
Emissions		Meets U.S. EPA Tier 4 Final, EU Stage V emission standards.	

Net power advertised is the power available at the flywheel when the engine is equipped with fan, air intake system, exhaust system, and alternator with engine speed at 1,800 rpm. Advertised power is tested per the specified standard in effect at time of manufacture.

¹Cat 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)* or 100% renewable diesel, HVO (hydrotreated vegetable oil) and GTL (gas-toliquid) 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.

Hydraulic System			
Main System – Maximum Flow	468LI/min	124 gal/min	
Maximum Pressure – Equipment	35 000 kPa	5,076 psi	
Maximum Pressure – Equipment – Lift Mode	38 000 kPa	5,511 psi	
Maximum Pressure – Travel	35 000 kPa	5,076 psi	
Maximum Pressure – Swing	30 000 kPa	4,351 psi	
Drive			
Maximum Travel Speed	4.9 km/h	3 mile/h	
Maximum Drawbar Pull	246 kN	55,303 lbf	
Swing Mechanism			
Swing Speed 11 r/min			
Maximum Swing Torque	98 kN⋅m	72,281 lb/ft	
Weights			
Operating Weight – General Forestry	30 890 kg	68,100 lb	
• High Wide undercarriage, Reach boom, R2.9 m (9'7") thumb-ready stick, 700 mm (28") double grouser shoes, 1.4 m³ (1.8 yd³) HD bucket.			
Operating Weight – Log Loader	31 590 kg	69,640 lb	
• High Wide undercarriage, Log Loader boom, 3.5 m (11'6") under/under stick with live heel, 700 mm (28") double grouser shoes, no grapple.			
Air Conditioning System			
The air conditioning system on this machine contains the fluorinated greenhouse			

gas refrigerant R134a (Global Warming Potential = 1430). The system on the 22"/48" Riser Cab contains 2.1 kg of refrigerant, which has a CO2 equivalent of 3.003 metric tonnes. The system on on the 72" Riser Cab contains 2.2 kg of refrigerant, which has a CO₂ equivalent of 3.146 metric tonnes.

Service Refill	Canacities	
Fuel Tank	990 L	262 gal
Cooling System	17.5 L	5 gal
Engine Oil	25 L	7 gal
Swing Drive	11.5 L	3 gal
Final Drive – Each	4.5 L	1 gal
Hydraulic System – Including Tank	262 L	69 gal
Hydraulic Tank	143 L	38 gal
Diesel Exhaust Fluid (DEF) Tank	41 L	11 gal
Working	Ranges	
General Forestry		
Reach 5.7 m (18'8") boom, thumb-read 1.4 m³ (1.8 yd³) HD bucket	y 2.9 m (9'6") stick,	
Maximum Reach at Ground Level	9820 mm	32'3"
Log Loader		
Under/Under		
Log Loader 5.9 m (19'6") boom, under/u	ınder 3.5 m (11'6") s	stick
Maximum Reach at Ground Level	10 790 mm	35'5"
Over/Under		
Log Loader 5.9 m (19'6") straight boom	, over/under 3.8 m	(12'6") stick
Maximum Reach at Ground Level	11 540 mm	37'10"
Power Clam		
Log Loader 5.9 m (19'6") straight boom	, under/under 3.8 m	n (12'6") stick
Maximum Reach at Ground Level	9680 mm	31'9"
Dimens	sions	
	General	Log Loader
Boom	Forestry Reach 5.7 m (18'8")	
Boom	Reach 5.7 m	SB 5.9 m (19'6")
Boom Stick	Reach 5.7 m (18'8")	SB 5.9 m (19'6") Under/Under 3.5 m (11'6")
	Reach 5.7 m (18'8") SB 5.9 m (19'6") Reach Thumb-Ready	Under/Under
Stick	Reach 5.7 m (18'8") SB 5.9 m (19'6") Reach Thumb-Ready 2.9 m (9'6") Drop Nose	Under/Under 3.5 m (11'6") Over/Under
Stick Stick	Reach 5.7 m (18'8") SB 5.9 m (19'6") Reach Thumb-Ready 2.9 m (9'6") Drop Nose	Under/Under 3.5 m (11'6") Over/Under 3.8 m (12'6") Power Clam
Stick Stick	Reach 5.7 m (18'8") SB 5.9 m (19'6") Reach Thumb-Ready 2.9 m (9'6") Drop Nose	Under/Under 3.5 m (11'6") Over/Under 3.8 m (12'6") Power Clam
Stick Stick Stick Shipping Height (top of cab) Fixed Riser Cab Tilted	Reach 5.7 m (18'8") SB 5.9 m (19'6") Reach Thumb-Ready 2.9 m (9'6") Drop Nose 3.7 m (12'2") — 3670 mm (12'1")	Under/Under 3.5 m (11'6") Over/Under 3.8 m (12'6") Power Clam 3.8 m (12'6")
Stick Stick Stick Shipping Height (top of cab) Fixed Riser Cab Tilted Handrail Height	Reach 5.7 m (18'8") SB 5.9 m (19'6") Reach Thumb-Ready 2.9 m (9'6") Drop Nose 3.7 m (12'2")	Under/Under 3.5 m (11'6") Over/Under 3.8 m (12'6") Power Clam 3.8 m (12'6")
Stick Stick Stick Shipping Height (top of cab) Fixed Riser Cab Tilted	Reach 5.7 m (18'8") SB 5.9 m (19'6") Reach Thumb-Ready 2.9 m (9'6") Drop Nose 3.7 m (12'2") — 3670 mm (12'1")	Under/Under 3.5 m (11'6") Over/Under 3.8 m (12'6") Power Clam 3.8 m (12'6")
Stick Stick Stick Shipping Height (top of cab) Fixed Riser Cab Tilted Handrail Height Shipping Length GF with attachment	Reach 5.7 m (18'8") SB 5.9 m (19'6") Reach Thumb-Ready 2.9 m (9'6") Drop Nose 3.7 m (12'2") — 3670 mm (12'1")	Under/Under 3.5 m (11'6") Over/Under 3.8 m (12'6") Power Clam 3.8 m (12'6")
Stick Stick Stick Shipping Height (top of cab) Fixed Riser Cab Tilted Handrail Height Shipping Length GF with attachment LL Under/Under – no attachment	Reach 5.7 m (18'8") SB 5.9 m (19'6") Reach Thumb-Ready 2.9 m (9'6") Drop Nose 3.7 m (12'2") — 3670 mm (12'1") — 3265 mm (10'9")	Under/Under 3.5 m (11'6") Over/Under 3.8 m (12'6") Power Clam 3.8 m (12'6") 3310 mm (10'10") 3265 mm (10'9")
Stick Stick Stick Shipping Height (top of cab) Fixed Riser Cab Tilted Handrail Height Shipping Length GF with attachment LL Under/Under – no attachment LL Over/Under – no attachment	Reach 5.7 m (18'8") SB 5.9 m (19'6") Reach Thumb-Ready 2.9 m (9'6") Drop Nose 3.7 m (12'2") — 3670 mm (12'1") — 3265 mm (10'9")	Under/Under 3.5 m (11'6") Over/Under 3.8 m (12'6") Power Clam 3.8 m (12'6")
Stick Stick Stick Shipping Height (top of cab) Fixed Riser Cab Tilted Handrail Height Shipping Length GF with attachment LL Under/Under – no attachment	Reach 5.7 m (18'8") SB 5.9 m (19'6") Reach Thumb-Ready 2.9 m (9'6") Drop Nose 3.7 m (12'2") — 3670 mm (12'1") — 3265 mm (10'9")	Under/Under 3.5 m (11'6") Over/Under 3.8 m (12'6") Power Clam 3.8 m (12'6") — 3310 mm (10'10") 3265 mm (10'9") — 13 980 mm (45'10") 14 710 mm (48'3") 12 830 mm (42'1")
Stick Stick Stick Shipping Height (top of cab) Fixed Riser Cab Tilted Handrail Height Shipping Length GF with attachment LL Under/Under – no attachment LL Over/Under – no attachment LL Power Clam – no attachment Tail Swing Radius	Reach 5.7 m (18'8") SB 5.9 m (19'6") Reach Thumb-Ready 2.9 m (9'6") Drop Nose 3.7 m (12'2") — 3670 mm (12'1") — 3265 mm (10'9") 9750 mm (32'0") — — — 3135 mm (10'3")	Under/Under 3.5 m (11'6") Over/Under 3.8 m (12'6") Power Clam 3.8 m (12'6") — 3310 mm (10'10") 3265 mm (10'9") — 13 980 mm (45'10") 14 710 mm (48'3") 12 830 mm (42'1") 3135 mm(10'3")
Stick Stick Stick Shipping Height (top of cab) Fixed Riser Cab Tilted Handrail Height Shipping Length GF with attachment LL Under/Under – no attachment LL Over/Under – no attachment LL Power Clam – no attachment Tail Swing Radius Counterweight Clearance	Reach 5.7 m (18'8") SB 5.9 m (19'6") Reach Thumb-Ready 2.9 m (9'6") Drop Nose 3.7 m (12'2") — 3670 mm (12'1") — 3265 mm (10'9") 9750 mm (32'0") — — 3135 mm (10'3") 1300 mm (4'4")	Under/Under 3.5 m (11'6") Over/Under 3.8 m (12'6") Power Clam 3.8 m (12'6") — 3310 mm (10'10") 3265 mm (10'9") — 13 980 mm (45'10") 14 710 mm (48'3") 12 830 mm (42'1") 3135 mm(10'3") 1300 mm (4'4")
Stick Stick Stick Shipping Height (top of cab) Fixed Riser Cab Tilted Handrail Height Shipping Length GF with attachment LL Under/Under – no attachment LL Over/Under – no attachment LL Power Clam – no attachment Tail Swing Radius Counterweight Clearance Ground Clearance	Reach 5.7 m (18'8") SB 5.9 m (19'6") Reach Thumb-Ready 2.9 m (9'6") Drop Nose 3.7 m (12'2") — 3670 mm (12'1") — 3265 mm (10'9") 9750 mm (32'0") — 3135 mm (10'3") 1300 mm (4'4") 758 mm (2'6")	Under/Under 3.5 m (11'6") Over/Under 3.8 m (12'6") Power Clam 3.8 m (12'6") — 3310 mm (10'10") 3265 mm (10'9") 13 980 mm (45'10") 14 710 mm (48'3") 12 830 mm (42'1") 3135 mm(10'3") 1300 mm (4'4") 758 mm (2'6")
Stick Stick Stick Shipping Height (top of cab) Fixed Riser Cab Tilted Handrail Height Shipping Length GF with attachment LL Under/Under – no attachment LL Over/Under – no attachment LL Power Clam – no attachment Tail Swing Radius Counterweight Clearance Ground Clearance Track Length	Reach 5.7 m (18'8") SB 5.9 m (19'6") Reach Thumb-Ready 2.9 m (9'6") Drop Nose 3.7 m (12'2") — 3670 mm (12'1") — 3265 mm (10'9") 9750 mm (32'0") — — 3135 mm (10'3") 1300 mm (4'4") 758 mm (2'6") 4665 mm (15'4")	Under/Under 3.5 m (11'6") Over/Under 3.8 m (12'6") Power Clam 3.8 m (12'6") — 3310 mm (10'10") 3265 mm (10'9") — 13 980 mm (45'10") 14 710 mm (48'3") 12 830 mm (42'1") 3135 mm(10'3") 1300 mm (4'4") 758 mm (2'6") 4665 mm (15'4")
Stick Stick Stick Shipping Height (top of cab) Fixed Riser Cab Tilted Handrail Height Shipping Length GF with attachment LL Under/Under – no attachment LL Over/Under – no attachment LL Power Clam – no attachment Tail Swing Radius Counterweight Clearance Ground Clearance Track Length Length to Center of Rollers	Reach 5.7 m (18'8") SB 5.9 m (19'6") Reach Thumb-Ready 2.9 m (9'6") Drop Nose 3.7 m (12'2") — 3670 mm (12'1") — 3265 mm (10'9") 9750 mm (32'0") — — 3135 mm (10'3") 1300 mm (4'4") 758 mm (2'6") 4665 mm (15'4") 3795 mm (12'5")	Under/Under 3.5 m (11'6") Over/Under 3.8 m (12'6") Power Clam 3.8 m (12'6") — 3310 mm (10'10") 3265 mm (10'9") — 13 980 mm (45'10") 14 710 mm (48'3") 12 830 mm (42'1") 3135 mm(10'3") 1300 mm (4'4") 758 mm (2'6") 4665 mm (15'4") 3795 mm (12'5")
Stick Stick Shipping Height (top of cab) Fixed Riser Cab Tilted Handrail Height Shipping Length GF with attachment LL Under/Under – no attachment LL Power Clam – no attachment LL Power Clam – no attachment Tail Swing Radius Counterweight Clearance Ground Clearance Track Length Length to Center of Rollers Track Gauge	Reach 5.7 m (18'8") SB 5.9 m (19'6") Reach Thumb-Ready 2.9 m (9'6") Drop Nose 3.7 m (12'2") — 3670 mm (12'1") — 3265 mm (10'9") 9750 mm (32'0") — — 3135 mm (10'3") 1300 mm (4'4") 758 mm (2'6") 4665 mm (15'4")	Under/Under 3.5 m (11'6") Over/Under 3.8 m (12'6") Power Clam 3.8 m (12'6") — 3310 mm (10'10") 3265 mm (10'9") — 13 980 mm (45'10") 14 710 mm (48'3") 12 830 mm (42'1") 3135 mm(10'3") 1300 mm (4'4") 758 mm (2'6") 4665 mm (15'4")
Stick Stick Stick Shipping Height (top of cab) Fixed Riser Cab Tilted Handrail Height Shipping Length GF with attachment LL Under/Under – no attachment LL Over/Under – no attachment LL Power Clam – no attachment Tail Swing Radius Counterweight Clearance Ground Clearance Track Length Length to Center of Rollers	Reach 5.7 m (18'8") SB 5.9 m (19'6") Reach Thumb-Ready 2.9 m (9'6") Drop Nose 3.7 m (12'2") — 3670 mm (12'1") — 3265 mm (10'9") 9750 mm (32'0") — — 3135 mm (10'3") 1300 mm (4'4") 758 mm (2'6") 4665 mm (15'4") 3795 mm (12'5")	Under/Under 3.5 m (11'6") Over/Under 3.8 m (12'6") Power Clam 3.8 m (12'6") — 3310 mm (10'10") 3265 mm (10'9") — 13 980 mm (45'10") 14 710 mm (48'3") 12 830 mm (42'1") 3135 mm(10'3") 1300 mm (4'4") 758 mm (2'6") 4665 mm (15'4") 3795 mm (12'5")

STANDARD & OPTIONAL EQUIPMENT

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

	Standard	Optional
UNDERCARRIAGE AND STRUCTURES		
High Wide undercarriage	✓	
203 mm (8") pitch Cat grease lubricated track	✓	
chain with PPR3 positive pin retention		
Catwalks	√	
Tie down points	√	
Counterweight fuel tank	✓	
Heavy-duty track rollers and frames	✓	
Heavy-duty travel motor guards	✓	
Heavy-duty bottom guards	✓	
Track guiding guards	✓	
High drawbar final drives	✓	
Heavy-duty recoil springs	✓	
Heavy-duty hydraulic swivel	✓	
Heavy-duty hydraulic swivel guard	✓	
900 mm (36") triple grouser Tri Link shoes		✓
800 mm (31") triple grouser shoes		✓
700 mm (28") double grouser shoes		✓
600 mm (24") double and single grouser shoes		✓
BOOMS AND STICKS		
5.7 m (18'7") Reach boom — General Forestry		✓
5.9 m (19'6") Straight boom – Log Loader		✓
2.9 m (9'6") Thumb-ready stick	_	✓
3.7 m (12'2") Drop Nose stick	<u> </u>	✓
3.5 m (11'6") under/under stick		✓
3.8 m (12'6") over/under stick		✓
3.8 m (12'6") power clam stick		✓
B1 family bucket linkage		✓
SERVICE AND MAINTENANCE		
Integrated vehicle health management system	✓	
Side-entry service platform	✓	
Grouped location for engine oil and fuel filters	✓	
Ground level dipstick for engine oil	√	
S·O·S ports		

	Standard	Optional
ENGINE		
Electric fuel priming pump	✓	
Three selectable modes: Power, Smart, Eco	✓	
Automatic engine speed control	✓	
Automatic engine idle shutdown	✓	
Up to 4600 m (15,092 ft) altitude capability	✓	
48° C (118° F) high-ambient cooling capacity	✓	
-32° C (-25° F) cold start capability	✓	
Hydraulic reverse fan	✓	
Two-stage fuel filter system	✓	
Double element air filter with integrated pre-cleaner	✓	
Cold start package with block heaters and ether assist		✓
CAB		
Rear entry		√
Side entry		✓
165 mm (6.5") fixed riser		✓
1219 mm (48") tilting riser		✓
CB radio mounts		✓
Cat Stick Steer		✓
Auxiliary relay		✓
ROPS Forestry cab with polycarbonate windows		
4-point harness seat belt		
Heated and cooled seat with air-adjustable suspension		
Integrated joysticks		
Tilt-up left-side console (side-entry cab only)		
High-resolution touchscreen monitor		
Bluetooth integrated radio (including USB, auxiliary port and microphone)		
12V DC outlets		
Keyless push-to-start engine control		
Automatic bi-level air conditioner		
LED dome and floor lights		
Windshield wiper and washer		
Behind seat storage		
Retractable sunshade		
CAT TECHNOLOGIES		
VisionLink	✓	
Remote Services Capability	✓	
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STANDARD & OPTIONAL EQUIPMENT (continued)

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

	Standard	Optional
HYDRAULIC SYSTEM		
Boom and stick regeneration circuits	✓	
Boom and stick drift reduction valve	✓	
Electronic main control valve	✓	
Automatic hydraulic oil warm up	✓	
Automatic swing parking brake	✓	
High performance hydraulic return filter	✓	
Automatic two speed travel	✓	
Bio hydraulic oil capability	✓	
High torque swing drive	✓	
Swing cushion valve	✓	
Tool control software	✓	
Medium pressure circuit		✓
ELECTRICAL SYSTEM		
Maintenance-free 1,000 CCA batteries (×4)	✓	
Centralized electrical disconnect switch	✓	
LED chassis, boom, and cab lights	✓	
115-amp alternator	✓	
24-volt electric starting	✓	
Pre-start monitoring system	✓	
Tool control software	✓	
Secondary engine shut off switch	✓	
Premium lighting – General Forestry – 6 additional LED lights		✓
Premium lighting – Log Loader – 10 additional LED lights		√

	Standard	Optional
SAFETY AND SECURITY		
Caterpillar One Key security system	✓	
Lockable service doors	✓	
Lockable external tool/storage box	✓	
Lockable fuel cap and hydraulic tank	✓	
Lockable disconnect switch	✓	
Right-hand rail and hand hold	✓	
Service platforms with anti-skid plate and countersunk bolts	✓	
Signaling/warning horn	✓	
Travel alarm	✓	
Swing alarm	✓	
Ground-level secondary engine shutoff switch	✓	
Reaview camera	✓	
Easy lock cab tilting system		✓
Cab riser light		✓
Inspection lighting		✓
Swing alarm		✓
Right-hand sideview camera		✓

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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AEXQ3133-03 Replaces AEXQ3133-02 Build Number: 07D (Aus-NZ, Chile, N Am)

