

Caterpillar Introduces the Versatile Cat[®] FM528 GF/LL Forest Machine

- Equipped with the side-entry Next Generation Certified Forestry cab, which features a reinforced structure, a large 1.25-inch (32-mm) thick polycarbonate windshield, narrow cab pillars, large panoramic windows, and a flat engine hood, helping provide premium work task visibility.
- Caterpillar's first Forest Machine that offers a fixed or live heel and blade option. Its multi-configuration capabilities fill in fleet equipment gaps. It can go to work in the woods or the millyard to help boost productivity and profitability.
- Built with the Cat[®] C4.4 173 hp (129 kW) engine and electrohydraulic system, the high-torque motor provides high power at low RPMs while helping reduce fuel consumption and minimize downtime and maintenance costs.

IRVING, Texas, February 6, 2025 – Caterpillar Inc. is pleased to debut the Cat[®] [FM528 GF/LL \(General Forestry/Log Loader\)](#), a forestry excavator designed for adaptability and efficiency. This machine is crafted to meet the diverse demands of forestry professionals, providing them with unparalleled versatility, enhanced operator comfort, and cost-effective performance.

“The Cat[®] FM528 represents our commitment to understanding and responding to the evolving needs of the forestry industry,” said Mike Dickenson, Caterpillar’s senior product specialist for forest machines. “We are merging adaptability, operator-oriented design, and cost efficiency, empowering forestry professionals to maximize their productivity while prioritizing safety.”

Engineered to Maximize Operator Efficiency

Whether it's land clearing, fire clean-up, chipping, grinder loading, mulching, or processing, the Cat FM528 is equipped to tackle a variety of tasks with ease. The machine is compatible with a wide range of robust Cat forestry grapples, available in sizes from 1322 mm (52") to 1524 mm (60").

The machine is equipped with Triple Grouser track shoes that help provide high maneuverability while minimizing disturbance in soft, wet underfoot conditions. To help keep operators safe, the machine is equipped with a certified side-entry Forestry ROPS cab, which includes a spacious door and an easy-to-use tilt-up armrest. Refined visibility is integrated into the design with a large 1.25-in (32-mm) thick polycarbonate windshield, narrow cab pillars, large panoramic windows, and a flat engine hood, helping operators maximize engagement with their work environment.

Versatility at the Core

The Cat FM528 offers a unique fixed or live heel and blade configuration, allowing operators to easily adapt to various applications like navigating steep terrain, managing heavy logs, or performing detailed sorting tasks.

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New Product Introduction

With options for processor, roadbuilder, log loader, and knuckleboom loader controls, this multi-configurable machine helps crews easily transition between forestry and millyard work, increasing productivity and profitability.

Efficiency Meets Performance

Powered by the Cat C4.4 173 hp (129 kW) engine and an advanced electrohydraulic system, the FM528 is designed to help lower fuel consumption while delivering superior performance. The high-torque engine operates effectively at low RPMs, minimizing maintenance costs from wear and tear while maintaining precision in various job tasks. Further, the hydraulic system features cooling E-Fans with reversing capabilities to optimize engine efficiency and temperature control.

Sharing common parts and service with the Cat Next Generation excavator line, the FM528 ensures readily available components, significantly reducing downtime. Using Cat long-life fuel and hydraulic oil filters with extended and synchronized service intervals also helps lower maintenance expenses.

A Century of Innovation

Over the last century, Caterpillar has grown with our customers to help build a better, more sustainable world. That's why we continue to support forestry customers with five models, including the FM528 GF and FM528 LL machines, plus a range of work tools that deliver dependability, versatility and efficiency to every fleet. When you choose Cat products, services and solutions today, you're gaining 100 years of experience and expertise.

For more information about FM528, contact a Cat dealer or visit: www.cat.com

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New Product Introduction

FM528 GF & FM528 LL SPECIFICATIONS

Engine	Cat® C4.4e TTA
Engine Power (ISO 14396)	129 kW (173 hp)
Emissions	Meets U.S. EPA Tier 4 Final, EU Stage V, and Japan 2014 emission standards.
General Forestry (GF) Processor Operating Weight 27,100 kg (59,700 lb)	
High long undercarriage (High LC), Side Entry Cab (SEC) 6.5" riser, reach boom, R3.7 m (12'2") drop nose stick, 700mm (28") double grouser (DG) shoes, no processor head.	
General Forestry (GF) Road Builder Operating Weight 28,200 kg (62,200 lb)	
High long undercarriage (High LC), Side Entry Cab SEC 6.5" riser, reach boom, R2.9 (9'7") thumb-ready stick, 700mm (28") double grouser (DG) shoes, 1.2 m ³ (1.6 yd ³) HD bucket.	
Log Loader (LL), Under/Under (U/U) 28,700 kg (63,300 lb)	
High long undercarriage (High LC), Side Entry Cab (SEC) 48" riser, straight boom, 3.5m (11'6") under/under stick with live heel, 700mm (28") double grouser (DG) shoes, no grapple.	
Log Loader (LL), Over/Under (O/U) 29,000 kg (63,900 lb)	
High long undercarriage (High LC), Side Entry Cab (SEC) 48" riser, straight boom, 3.8 m (12'6") over/under stick with live heel, 700mm (28") double grouser (DG) shoes, no grapple.	

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New Product Introduction

NOTE TO EDITORS

About Caterpillar:

With 2024 sales and revenues of \$64.8 billion, Caterpillar Inc. is the world's leading manufacturer of construction and mining equipment, off-highway diesel and natural gas engines, industrial gas turbines and diesel-electric locomotives. For 100 years, we've been helping customers build a better, more sustainable world and are committed and contributing to a reduced-carbon future. Our innovative products and services, backed by our global dealer network, provide exceptional value that helps customers succeed. Caterpillar does business on every continent, principally operating through three primary segments – Construction Industries, Resource Industries and Energy & Transportation – and providing financing and related services through our Financial Products segment. Visit us at caterpillar.com or join the conversation on our social media channels at caterpillar.com/en/news/social-media.html.

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