108SD PLUS | 114SD PLUS

FREIGHTLINER®

TRUCKS THAT WORK THE HARDEST AND THE SMARTEST.

MORE COMFORT, MORE SAFETY AND MORE PRODUCTIVITY FOR ANY VOCATIONAL APPLICATION.

When it comes to getting the job done, you need trucks that work as hard, and as safely, as you do. The versatile 108SD Plus and 114SD Plus are the same reliable workhorses you know and trust from Freightliner, only better. We built on the reliable foundation you love and added more of it all. More comfort, more safety and more productivity – all on the most reliable and proven platform.



SAFETY THAT POWERS PRODUCTIVITY.

The Detroit Assurance® Suite of Safety Systems is one of the most advanced and comprehensive safety systems on the road. Delivering increased uptime by helping mitigate collisions, Detroit Assurance improves even the most seasoned operator's awareness.



ACTIVE BRAKE ASSIST 5 HELPS MITIGATE COLLISIONS:

Detroit Assurance Active Brake Assist 5 (ABA 5) helps mitigate potential collisions by constantly detecting the distance of objects ahead, calculating speed and providing a warning or even full braking, if necessary.



ADAPTIVE CRUISE CONTROL FOR MAINTAINING A SAFE DISTANCE:

Detroit Assurance Adaptive Cruise Control (ACC) automatically adjusts the truck's cruising speed to maintain a safe following distance, even in stop-and-go traffic, allowing the driver to focus on their surroundings.



LANE DEPARTURE WARNING KEEPS DRIVERS BETWEEN THE LINES:

Lane Departure Warning (LDW) tracks the truck's position and sounds a warning if the truck initiates an unintentional lane departure, increasing the safety of everyone on the road.



SIDE GUARD ASSIST CAN SAVE LIVES:

Whether driving or on the jobsite, Detroit Assurance Side Guard Assist (SGA) alerts the driver about objects and pedestrians in the truck's passenger-side blind spot, making it a valuable addition to any vehicle.



BENDIX INTELLIPARK HELPS PREVENT ROLLAWAYS:

Keep operators and their surroundings safer with the optional Bendix® Intellipark®, a sophisticated electronic parking brake system that's designed to help prevent rollaways caused by an improperly set or accidentally disengaged parking brake.

DESIGNED WITH OPERATORS IN MIND.

The 108SD Plus and 114SD Plus have a modern dash and offer a full range of operator-centric features, making them easier to operate while reducing fatigue and increasing productivity. Choose from three new trim levels with high-quality materials designed for superior fit and finish.



INTERIOR FEATURES

+1 Standard tilt and telescopic steering column and multifunction shift stalk

+2 Optional pre-trip inspection switch

+3 Automatic wipers, automatic headlights and intelligent high beams

+4 2,500-sq.-in., one-piece windshield

+5 Steering wheel with integrated PTO controls

+6 Overhead storage console

+7 Easily accessible window and lock controls

+8 Noise-damping cab insulation

POWERTRAIN OPTIONS FOR ANY APPLICATION.

The 108SD Plus and 114SD Plus are available with:

- Detroit® and Cummins engines
- Detroit, Allison and Eaton transmissions*

The 114SD Plus offers enhanced vocational-focused powertrain options, including:

- The Detroit® DD13® Gen 5 engine for more torque and power
- The Detroit® DT12®-V and DT12®-VL automated manual transmission for enhanced durability and low-speed maneuverability

The DT12-V transmission is purpose-built for productivity in a wide range of applications. Features include:

- Power Launch
- Hill Start Aid
- Off-Road Mode
- Rock-Free Mode
- Creep Mode
- Paver Mode



** Detroit transmissions only available on 114SD Plus*

Freightliner provides a wide range of products compliant with EPA, CARB emissions, GHG and OBD requirements. Please consult your local dealer to ensure the selection of a product that meets your specific needs.

CONNECTED TRUCKS FOR A CONNECTED WORLD.

DETROIT CONNECT® VIRTUAL TECHNICIAN® REMOTE DIAGNOSTICS SERVICE

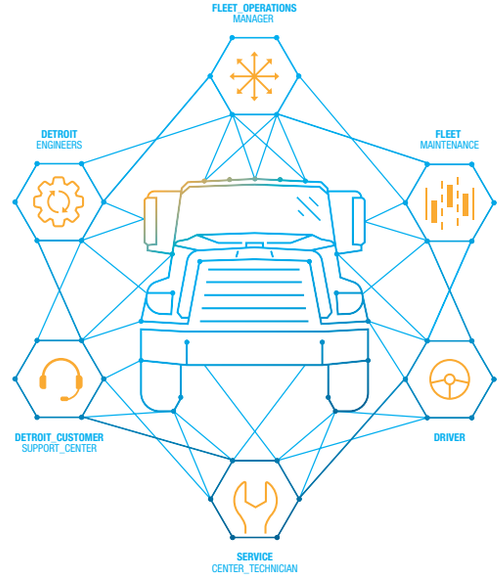
Simplify maintenance with real-time alerts and analytics.

SAFETY ANALYTICS

Get a window into your fleet's performance like never before.

REMOTE UPDATES

Maximize uptime and performance with over-the-air updates.



UPFIT HAS NEVER BEEN EASIER.

The 108SD Plus and 114SD Plus are designed with versatility in mind, so you can upfit your truck for any application.

SIMPLIFY UPFIT WITH QUICKFIT

Our QuickFit™ Electrical System makes it easier to integrate specialized equipment with the truck chassis, so you can upfit your truck for any application.

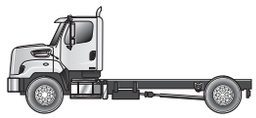
CREATE CUSTOM LOGIC WITH CHEC TOOL

The Daimler CHEC Tool™ provides an easy-to-use interface to view and modify electrical configurations as well as change parameters in minutes.

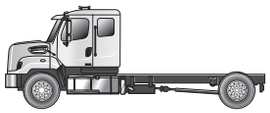


108SD PLUS | SPECS AND CONFIGURATIONS

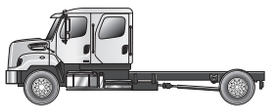
DAY CAB: 108" BBC



EXTENDED CAB: 134" BBC



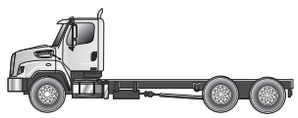
CREW CAB: 156" BBC



AXLE POSITION	SBA		
AXLE CONFIGURATIONS	4x2 4x4 6x4		
TRIM LEVELS	Elite Professional Rugged		
ENGINES	**Detroit** Detroit® DD8™: 260-375 HP, 660-1,050 lb-ft	**Cummins** Cummins B6.7™: 220-325 HP, 520-750 lb-ft Cummins L9: 260-380 HP, 860-1,250 lb-ft	Cummins B6.7™ (emergency rating): 260-360 HP, 660-800 lb-ft Cummins L9 (emergency rating): 270-400 HP, 860-1,250 lb-ft
TRANSMISSIONS	**Manual** Eaton Fuller® 10-Speed Eaton Fuller® 11-Speed	**Automatic** Allison 2000 Series™ Allison 3000 Series™	
SUSPENSION	**Front** Taper Leaf: 10,000-20,000 lbs Flat Leaf: 14,600-20,000 lbs	**Rear** Taper Leaf: 16,000-23,000 lbs Flat Leaf: 20,000-31,000 lbs AirLiner®: 21,000-23,000 lbs PRIMAAX®/FIREMAAX®: 23,000-26,000 lbs	Chalmers: 30,000 lbs TufTrac®: 40,000-52,000 lbs HAULMAAX®: 40,000-52,000 lbs Multileaf AWD: 16,000 lbs
AXLES	**Front** Detroit, single, 10,000-20,000 lbs Meritor, single, 10,000-20,000 lbs Marmon-Herrington, 23,000 lbs, front drive	**Rear** Detroit, single, 17,500-23,000 lbs Meritor, single, 21,000-31,000 lbs Detroit, tandem, 40,000-44,000 lbs Meritor, tandem, 40,000-46,000 lbs Dana, tandem, 46,000 lbs	
CLASS	7-8		
WHEEL CUT	Up to 50 degrees		

114SD PLUS | SPECS AND CONFIGURATIONS

DAY CAB: 114" BBC



EXTENDED CAB: 140" BBC



CREW CAB: 162" BBC



AXLE POSITION	SBA SFA		
AXLE CONFIGURATIONS	4x2 4x4 6x4 6x6 8x6		
TRIM LEVELS	Elite Professional Rugged		
ENGINES	**Detroit** Detroit® DD8™: 330-375 HP, 1,000-1,050 lb-ft Detroit DD13®: 370-525 HP, 1,250-1,850 lb-ft	**Cummins** Cummis L9: 260-380 HP, 860-1,250 lb-ft Cummins X12: 350-475 HP, 1,350-1,700 lb-ft	Cummins L9 (emergency rating): 270-450 HP, 860-1,250 lb-ft Cummins X12 (emergency rating): 455-500 HP, 1,700 lb-ft
TRANSMISSIONS	**Manual** Eaton Fuller® 10-Speed Eaton Fuller® 11-Speed Eaton Fuller® 13-Speed Eaton Fuller® 18-Speed	**Automated Manual** Detroit® DT12®-V Detroit® DT12®-VL Eaton Endurant HD Eaton Endurant XD Pro Eaton Endurant Overdrive 12-Speed	**Automatic** Allison 3000 Series™ Allison 4000 Series™
SUSPENSION	**Front** Taper Leaf: 12,000-20,000 lbs Flat Leaf: 14,600-23,000 lbs	**Rear** Taper Leaf: 21,000-23,000 lbs Flat Leaf: 23,000-31,000 lbs AirLiner®: 21,000-69,000 lbs PRIMAAX®/FIREMAXX®: 23,000-54,000 lbs	Chalmers: 30,000-46,000 lbs TufTrac®: 40,000-52,000 lbs HAULMAAX®: 40,000-52,000 lbs
AXLES	**Front** Detroit, single, 10,000-20,000 lbs Detroit, twin steer prep, 40,000 lbs Meritor, single, 12,000-40,000 lbs Marmon-Herrington, 23,000 lbs, front drive	**Rear** Detroit, single, 21,000-23,000 lbs Meritor, single, 23,000-31,000 lbs Detroit, tandem, 40,000-44,000 lbs Meritor, tandem, 40,000-50,000 lbs	Dana, tandem, 46,000 lbs Meritor, tridem, 69,000 lbs
CLASS	7-8		
WHEEL CUT	Up to 50 degrees		



EXTENSIVE FREIGHTLINER DEALER NETWORK

Freightliner offers North America's most extensive dealership network with nearly 500 locations staffed by highly trained experts who know your SD Plus trucks. Certified Elite SupportSM dealer locations consistently deliver a superior customer experience by working with you to understand your unique needs and ensuring transparent communication throughout every interaction at the dealership. With access to Freightliner's proprietary suite of service tools and the dealership to maximizing your uptime, our entire network ensures your vehicle is back on the road as soon as possible.



SPECIALIZED FINANCE AND INSURANCE SOLUTIONS

As the captive finance company for Daimler Truck North America, Daimler Truck Financial Services specializes in developing customized finance and insurance solutions for your 108SD Plus or 114SD Plus, allowing you to combine the truck, body, additional equipment and insurance into one package, helping you maximize your investment.

For more information on how Freightliner® 108SD Plus and 114SD Plus series trucks can help move your business forward, visit freightliner.com.

Comprehensive finance, lease, and insurance solutions from Daimler Truck Financial Services. Learn more at daimler-truckfinancial.com.
For financing in Canada, visit daimler-truckfinancial.ca.

FTL-EMC-BRO-0131-1025 545, 10/25. Freightliner Trucks is registered to ISO 50001:2018, ISO9001:2015 and ISO 14001:2015. Specifications are subject to change without notice.
Copyright ©2026 Daimler Truck North America LLC. All rights reserved. Freightliner Trucks is a division of Daimler Truck North America LLC, a Daimler Truck company.

DAIMLER TRUCK
North America | Freightliner - A Daimler Group Brand

DAIMLER TRUCK
Financial Services

FREIGHTLINER®