

THE FIVE CONTRIBUTING FACTORS THAT MAXIMIZE RCO.

U UPFIT

Freightliner Trucks works closely with truck equipment manufacturers (TEMs) across a variety of segments to create vehicles with numerous segment-specific options and clear back-of-cab packaging that TEMs can efficiently upfit, reducing time and costs.



- Corrugated floor, roof and back-of-cab panels for added strength
- Meets Swedish A-pillar test standards and SAE J2422 roof strength requirements
- Available in day cab, extended cab or 4-door crew cab configurations
- 2500-sq.-in. one-piece windshield for outstanding jobsite visibility
- Wide door openings with low step-in height for safe entry and exit
- Steel firewall for solid mounting of dash panel and driver controls



Components, systems and entire vehicles are subjected to an array of virtual and physical tests to ensure our trucks deliver the expected function, performance and reliability.

WHERE TOUGHNESS MEETS EFFICIENCY.

Freightliner trucks are designed to maximize reliability and longevity. We rigorously test our products to ensure each model meets or exceeds customer business needs. Quality construction and durable materials help Freightliner trucks stay on the job and drive business results.

PRODUCTIVITY

Productivity starts with efficiency and dependability that maximize uptime. A truck has to be in-service and getting the job done. We're focused on designing and testing medium- and severe-duty trucks for real-world conditions.

SPECS AND OPTIONS

STANDARD FEATURES

- 114" BBC steel-reinforced aluminum day cab
- Set-forward front axle position at 31"
- Strong, durable cab and hood
- Radiator-mounted mold-in color front grille with signature styling
- Front grille, headlight bezels, engine air intake grille, bumper and primary mirrors trimmed in black
- Halogen composite headlights
- Air rear cab mounts
- Ergonomic wing dash
- 63" x 14" rear window
- Up to 50-degree wheel cut, depending on wheel equipment
- Detroit™ DD13® engine with 350 HP, 1350 lb-ft torque
- Eaton® Fuller® 10-speed manual transmission
- Front axle rated at 12,000 lbs.
- Rear axle rated at 40,000 lbs.
- 60-gallon cylindrical fuel tank

SPECIALIZED OPTIONS

- Allison 4700 RDS transmission
- Twin steer prep package
- Bridge formula bumpers for 29.5" front axle position
- Mixer body transition plates
- Set-back front axle position at 48"
- Switch/harness pre-wire for lights (multiple configurations)
- Fresh air intake snow shield
- Snow plow crossmember for wing plow support
- Extreme-climate thermal cab insulation
- Carbon fiber-reinforced aluminum type 3 compressed natural gas (CNG) fuel tanks with approximate range of 400 miles, depending on application
- 4.4 million RBM multichannel frame rails
- 60-gallon cylindrical fuel tank

FREIGHTLINER
WORK SMART™

114SD

OPTIONAL FEATURES

- Bright-accented front grille with chromed grille surround, headlight bezels and engine air intake grille
- Engine air intake pre-cleaner
- Integral front frame extensions in 12" and 24" lengths for front bumper stabilizer install
- Large selection of wheelbases with frames and frame reinforcements to meet severe duty needs
- Front engine, rear engine and transmission power take-offs
- Three batteries mounted under cab with clear back-of-cab packaging
- Range of cylindrical and rectangular aluminum fuel tanks
- Steer axles from 12,000 to 22,000 lbs.
- Single drive axles from 21,000 to 38,000 lb. rating
- Tandem drive axles from 40,000 to 58,000 lb. rating
- Tridem drive axle set rated at up to 69,000 lbs.
- Multiple clear frame specifications for outrigger installation
- Pusher and tag axles rated from 8000 to 22,000 lbs., available in single or dual configurations
- A wide range of Eaton and Allison transmissions including 4700 RDS
- Freightliner AirLiner® and TufTrac® rear suspensions
- Hendrickson® and Chalmers® rear suspensions
- Expanded dash instrumentation, switches and controls to meet almost any vocational application
- Detroit™ DD13® engine with up to 505 HP and 1850 lb-ft torque
- Detroit™ DD8™ engine with up to 350 HP and 1050 lb-ft torque
- Cummins® L9 engine with up to 350 HP and 1300 lb-ft torque
- Cummins® X12 engine with up to 500 HP and 1700 lb-ft torque
- Cummins Westport ISX12N natural gas engine with up to 400 HP and 1450 lb-ft torque
- Removable and frame-mounted front tow devices
- Grab handles with rubber inserts
- 3.2 million RBM single-channel frame rail
- Engine compartment lighting

AVAILABLE CAB CONFIGURATIONS



114 BBC Set-Forward Axle
114 BBC Set-Back Axle
Set-Back Axle 31'
Set-Back Axle 48'
Day Cab
Extended Cab
Crew Cab (Set-Back Axle Only)
Set-Back Axle 31'
Set-Back Axle 48'
*29.5" optional

SEVERE DUTY

WORK SMART™

114SD

WORK SMART™



WORKING HARDER JUST GOT A LOT SMARTER.

The Freightliner Trucks 114SD is built for severe-duty, packed with power and ready for work. For starters, the Detroit™ DD13® engine comes standard with a base rating of 350 HP and 1350 lb-ft of torque. Detroit™ DD8™, Cummins® L9, X12, and ISX12N engines are available as options. Detroit-powered 114SDs are available with Detroit™ Connect suite of connected vehicle services to maximize uptime. The 114SD has optimized mid-chassis packaging and a strategically mounted aftertreatment system. The chassis layout optimizes upfitting for truck equipment manufacturers. And Freightliner's proprietary SmartPlex® Electric System provides unmatched flexibility when configuring trucks to suit specific body installations.

The 114SD also offers an incredible combination of durability and comfort. It's been through rigorous testing to ensure that its performance and reliability in the most demanding situations. And the automotive-style interior is designed to keep operators safe and productive. Put simply, the 114SD sets the new standard for engineering performance and efficiency.

*Check with your dealer for availability.

Competitive financing available through Daimler Truck Financial. For the Freightliner Trucks dealer nearest you, call 1-800-FTL-HELP. www.freightliner.com. 20M, 1/19. FTL/MC-B-1552. Specifications are subject to change without notice. Freightliner Trucks is registered to ISO 9001:2008 and ISO 14001:2004. Copyright © 2018. Daimler Trucks North America LLC. All rights reserved.

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ENGINES

- Detroit™ DD13®
350-505 HP / 1250-1850 lb-ft torque
- Detroit™ DD8™*
260-350 HP / 660-1050 lb-ft torque
- Cummins® L9®*
260-350 HP / 720-1150 lb-ft torque
- Cummins® X12
Up to 500 HP / 1700 lb-ft torque
- Cummins Westport ISX12N (natural gas)
Up to 400 HP / 1450 lb-ft torque

TRANSMISSIONS

- Eaton Fuller Manual
- Eaton Fuller Automated w/ optional UltraShift® Plus and Cobra shifter
- Allison Automatic w/ optional output retarder

AXLES (UP TO)

- Steer 23k
- AWD Steer 23k
- Single Drive 38k
- Tandem 58k
- Tridem 69k



Detroit™ DD13®



Detroit™ DD8™

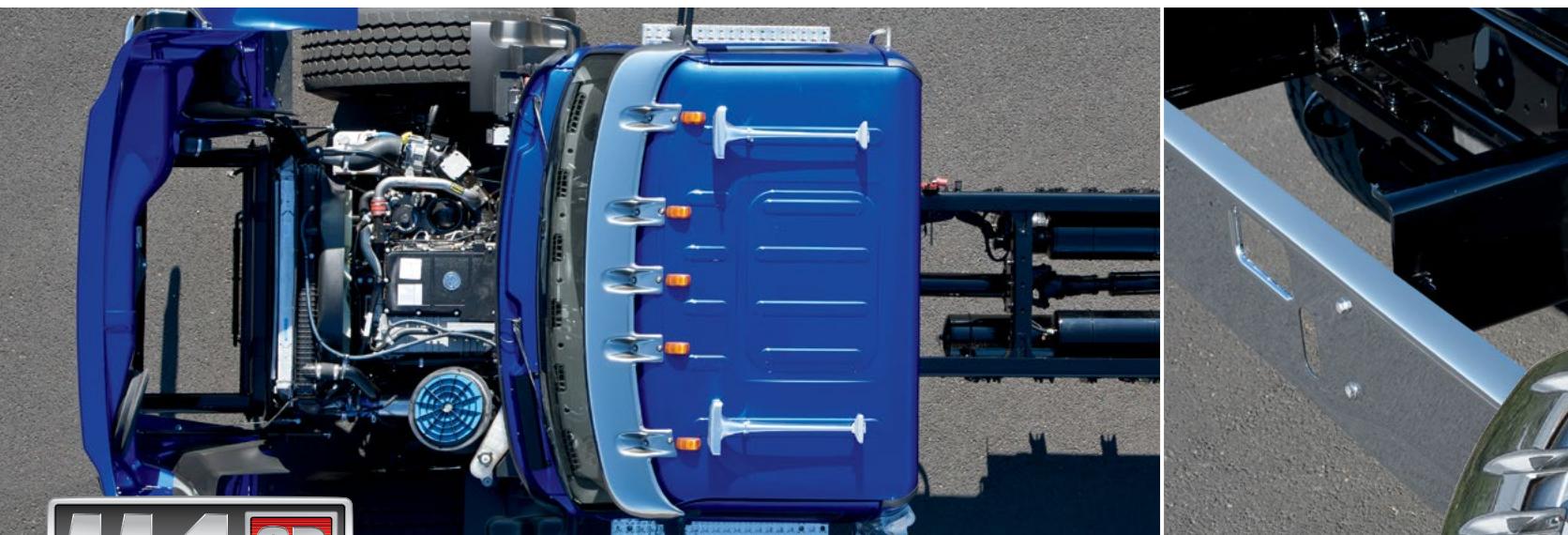


Cummins® L9 Engine



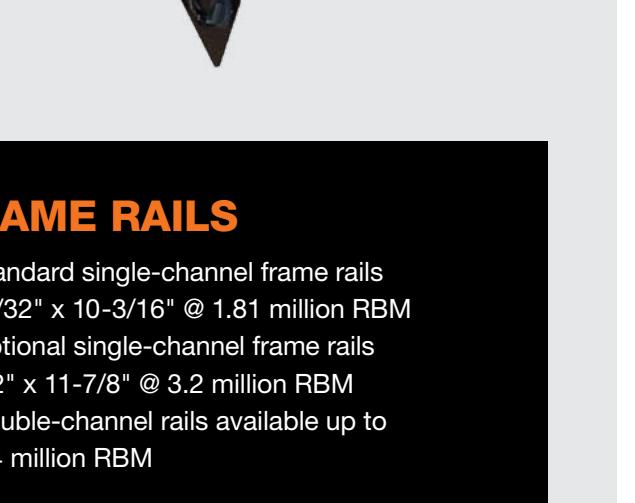
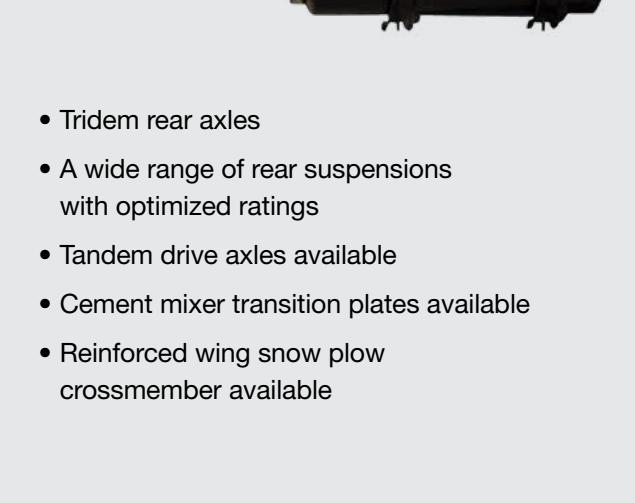
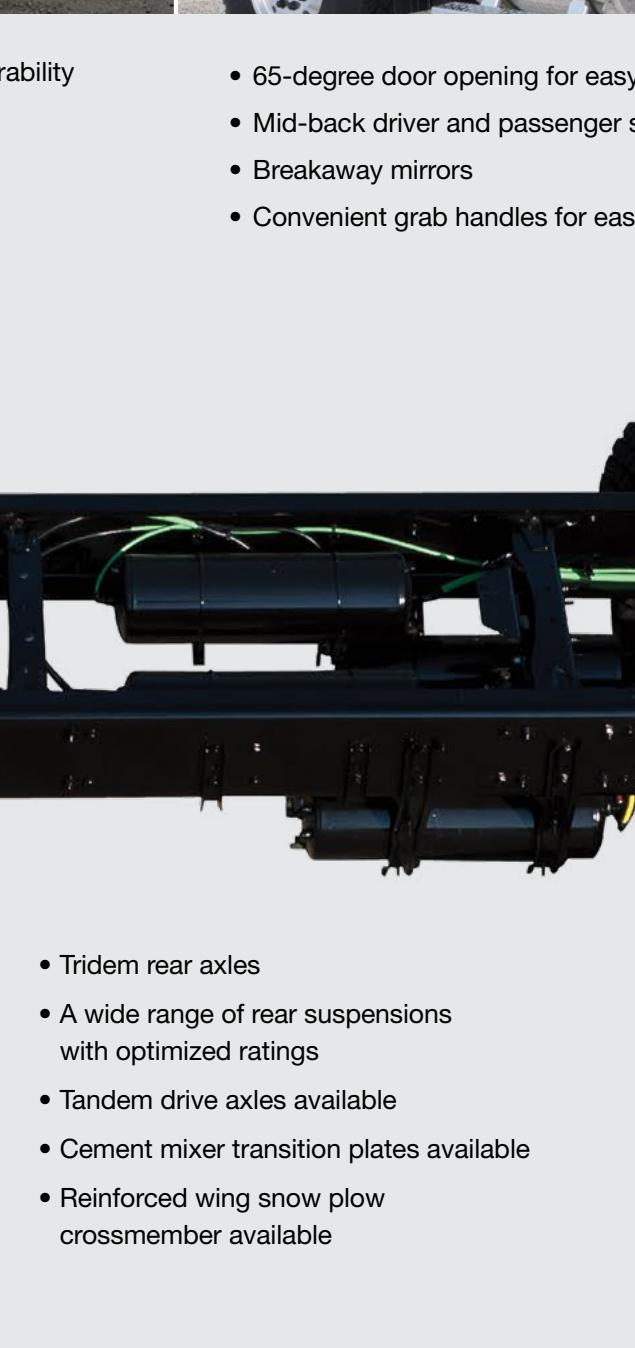
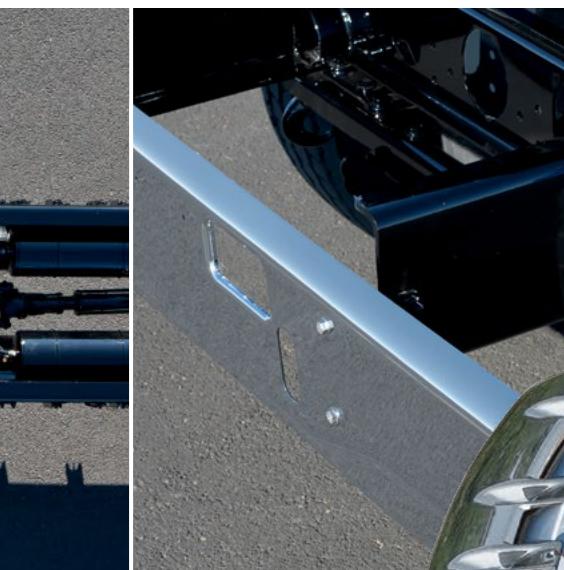
Cummins® X12 Engine

*Higher ratings are available for approved applications.



114 SD

- Tilt hood with radiator-mounted stationary grille for easy engine access
- Up to 50-degree wheel cut, depending on wheel equipment
- 12" or 24" front frame extensions are available
- Day cab, extended cab, or crew cab* available (*set-back axle only)
- Corrosion-resistant severe duty aluminum cab reinforced with e-coated steel
- 2500-sq.-in. windshield for greater worksite visibility
- Strong fiberglass hood
- Multiple engine- and transmission-mounted PTO configurations
- Optional bright trim package
- Contoured hood for pre-cleaner and snow door
- Optional passive pre-cleaner for improved intake filtration
- 3.5" fender extensions
- Front axle and suspension up to 23k capacity
- AWD front axle available up to 23,000 lbs.
- Radiator-mounted grille
- Halogen composite headlights
- LED turn signals
- Hood-mounted splashguard
- Fixed or removable front tow devices
- Optional bridge formula bumper
- A variety of Eaton or Allison transmission options
- Wide cab for easy installation of control tower



FRAMERAILS

- Standard single-channel frame rail 11 3/32" x 10 3/16" @ 1.81 million RBM
- Optional single-channel frame rail 1 1/2" x 11 1/8" @ 3.2 million RBM
- Double-channel rail available up to 4.4 million RBM