FREIGHTLINER

WORK SMART™

114SD

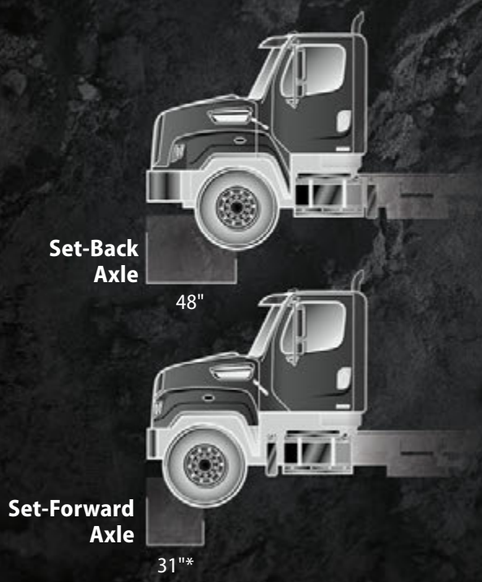
VOCATIONAL
SEVERE DUTY





WORKING HARDER JUST GOT A LOT SMARTER.

Freightliner's 114SD was built for severe duty: packed with power and ready for work. For starters, the Detroit DD13® engine with BlueTec® emissions technology comes standard and offers 350 HP and 1,350 lb-ft of torque. Cummins ISC, ISL and ISL G also are available as options. The 114SD has optimized mid-chassis packaging and a strategically-mounted aftertreatment system. The chassis layout simplifies upfitting for truck equipment manufacturers. And Freightliner's proprietary SmartPlex™ Electrical System provides unmatched flexibility when configuring a truck 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 it delivers 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 engineered performance and efficiency.



** 29.5"optional*

Available axle configurations:

- 114" BBC Set-Forward Axle
- 114" BBC Set-Back Axle

Available cab configurations:

- Day Cab
- Extended Cab
- Crew Cab (Set-Back Axle Only)



WHERE TOUGHNESS MEETS EFFICIENCY.

We've applied sophisticated engineering to the structural elements of our work trucks. First, our cabs are lightweight, yet extremely tough. Corrosion-resistant aluminum is reinforced with e-coated steel and assembled to precise manufacturing tolerances with Henrob rivets and welded construction. This process produces a durable and safe cab that meets stringent A-pillar impact, rollover and back wall impact tests. Plus, the chassis includes a robust backbone with a complete offering of single and double channel frame rails. The result is a tensile strength of up to 120,000 psi and an RBM ratio up to 4.4 million inch-pounds per rail. This means the 114SD can handle whatever job is thrown at it, day after day, year after year.



- 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
- 2,500 square-inch one-piece windshield for outstanding job site 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.



114SD



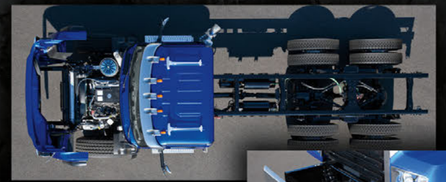
Detroit™ DD13® Engine

ENGINES	
Detroit DD13® 350 - 470 hp / 1250 - 1650 lb-ft torque	•
Cummins ISC 260 - 380 hp / 660 - 1050 lb-ft torque	•
Cummins ISL up to 380 hp / 1300 lb-ft torque	•
Cummins Westport ISL G (natural gas) up to 320 hp / 1000 lb-ft torque	•
TRANSMISSIONS	
Eaton Fuller Manual	•
Eaton Fuller Automated	•
Allison Automatic	•
AXLES *(UP TO)*	
Steer	22k
Single Drive	38k
Tandem	58k
Tridem	69k



Cummins® ISL G (natural gas) Engine

- Detroit DD13® engine standard, optional Cummins ISC, ISL and ISL G (natural gas)
- Radiator-mounted grill
- Halogen composite headlights
- LED turn signals
- Hood-mounted splashguard
- Fixed or removable front tow devices
- Optional bridge formula bumper



Tilt hood with radiator-mounted stationary grille for easy engine access.



12" or 24" front frame extensions are available.

- Day cab, extended cab, or crew cab* available (*set-back axle only)
- Corrosion-resistant durable aluminum cab reinforced with e-coated steel
- 2,500 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.
- Breakaway mirrors
- 3.5" fender extensions
- Front axle and suspension up to 22k capacity
- 6-, 13- or 23-gallon DEF tank
- Up to 50-degree wheel cut, depending on wheel equipment
- Cylindrical or rectangular fuel tanks available



- Multiple exhaust aftertreatment options and pipe routing
- Air-suspended cab
- Mid-back driver and passenger seats available
- A variety of Eaton or Allison transmission options
- Wide cab for easy installation of control tower



65-degree door opening for easy entry and exit.



Superior wheel cut for outstanding maneuverability.



114SD standard wing dash.



Ergonomically-designed driver's area features an automotive-style dash, easy-to-read LED-backlit gauges and controls within easy reach.

- Custom frame pre-punching available for easy body and accessory upfit
- Clear back-of-cab packaging
- 3 under-cab mounted batteries available
- Reinforced wing snow plow cross member available
- Cement mixer transition plates available
- A wide range of rear suspensions with optimized ratings



Tridem rear axles.

FRAME RAILS	
Standard Single Channel Frame Rails	11/32" thick x 10 3/16" @ 1.81 million RBM
Optional Single Channel Frame Rails	1/2" thick x 11 7/8" @ 3.2 million RBM
	*double channel rails available up to 4.4 million RBM

FREIGHTLINER®

WORK SMART™

STANDARD FEATURES

- 114" BBC steel-reinforced aluminum day cab
- Set-forward front axle position @ 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





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 lbs rating
- Tandem drive axles from 40,000 to 58,000 lbs rating
- Multiple clear frame specifications for outrigger installation
- Tridem drive axle set rated at 69,000 lbs
- Pusher and tag axles rated from 8,000 to 22,000 lbs, available in single or dual configurations
- A wide range of Eaton® and Allison® transmissions
- 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 470 HP, 1650 lb-ft torque
- Cummins® ISC engine with up to 350 HP, 1000 lb-ft torque
- Cummins® ISL engine with up to 380 HP, 1300 lb-ft torque
- Cummins® Westport ISL G (natural gas) engine with up to 320 HP, 1000 lb-ft torque
- Removable and frame-mounted front tow devices
- Grab handles with rubber inserts
- 3.2 million RBM single frame rail





SPECIALIZED OPTIONS

- Bridge formula bumpers for 29.5" front axle position
- Mixer body transition plates
- Set-back front axle position @ 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 multi-channel frame rails





FREIGHTLINERTRUCKS.COM/WORKSMART

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