

FREIGHTLINER

WORK SMART

122SD

VOCATIONAL TRACTOR SEVERE DUTY



BUILT FOR MAJOR HAULS.

122SD



Some jobs are bigger than others. You may be hauling logs down a forest road. Or transporting an oversize load across the Alaskan wilderness. Whatever the job, it's critical to have a truck that can handle it without fail. The Freightliner Trucks 122SD is our largest severe duty truck, providing up to 600 horsepower and 2,050 lb-ft of torque at 1100 RPM. And its GCWR is rated up to 160,000 lbs. So this truck doesn't shy away from a challenge any more than you do.

Power is just the beginning. The 122SD is incredibly maneuverable for a truck of its size, boasting a wheel cut up to 50 degrees. That makes it ideal for hauling big loads on and off difficult job sites. It has a durable, weight-optimized

suspension that helps maximize payload. And the optional front axle skid plate better protects the oil pan and the 1,700 square-inch radiator. It's no wonder the 122SD is the truck of choice for the oil and gas industry, as well as for heavy-duty road construction.

As tough as it is on the outside, the roomy, quiet interior of the 122SD offers superior comfort. Multiple seating options, a carefully designed HVAC system and the accessibility of controls reduce driver fatigue and improve productivity. At Freightliner, we've thought of everything to make the 122SD the preferred choice for heavy, specialty and dry bulk hauling.

TOUGH INSIDE AND OUT.

The 122SD is tough. Test after test demonstrates it. The components, systems and entire truck have been subjected to an array of product validation tests to ensure the 122SD delivers the expected function, performance and reliability. The result is a durable and safe cab that meets stringent A-pillar impact, rollover and back wall impact tests. Plus, the vocational chassis includes a robust backbone with a complete offering of single and double channel frame rails. This provides a tensile strength of up to 120,000 psi and an RBM ratio up to 5 million inch-pounds per rail. So it can handle the abuse of a typical job site. No problem.



■ Aluminum Structural Reinforcements ■ E-coated Steel Reinforcements ■ Corrosion-resistant Aluminum Panels

- A durable, proven, non-corrosive aluminum SD cab reinforced with e-coated steel
- Strong cab construction; Henrob rivets used throughout the cab, and coach joints at cab roof and sidewall connections
- State-of-the-art adhesives to bond the cab's substructure to distribute forces and decrease fatigue
- Bonded windshields increase rigidity and the two-piece design makes them easier to replace when damaged



FORM AND FUNCTION.

The 122SD has rugged good looks, beginning with the stainless steel front grille, dual hood-mounted air intakes, bright-finish steel grille surround and signature chromed hood handle. It also has a new exhaust shield that provides better coverage of the exhaust pipe for a cleaner look and standard West Coast mirrors.

The functional design of the exterior includes a new optional skid plate, as well as bumper and radiator guards to limit damage from tough job sites. You also can spec optional work lights, dual hood latches, and have pre-cleaners built into the hood air plenum.



Dual hood-mounted air intakes. Chromed steel finish optional.



Up to 50-degree wheel cut.



Optional skid plate for under-chassis protection.



Optional chrome logger bumper.

Available axle configurations:

- 122" BBC Set-Forward Axle
- 122" BBC Set-Back Axle



Set-Back Axle

43"



Set-Forward Axle

30.9"

Day Cab



34" Mid-Roof
48" Mid-Roof
58" Mid-Roof
70" Mid-Roof



58" Mid-Roof XT
70" Mid-Roof XT



58" Raised Roof
70" Raised Roof



BIG PERFORMANCE. BIG CHOICES.

The 122SD is available with four different engines, three different transmission families, two aftertreatment packages and a variety of axle and suspension configurations. So you can get the precise power and performance you require, as well as outstanding fuel efficiency.

In addition to a variety of powertrain configurations, the 122SD offers AirLiner[®], TufTrac[®] and Hendrickson[®] suspensions. These weight-optimized suspensions allow for more payload, and they help prevent bottoming out when driving over rough terrain. The up to 50-degree wheel cut helps drivers maneuver around tight job sites. And the optional 1,700 square inch radiator provides excellent cooling for severe duty work.

The 122SD also is equipped with special features that can withstand punishment and maximize the working life of your truck. For starters, electrical connections come out of the front wall of the cab in two distinct

76-pin connectors, which simplifies wiring and shortens diagnostic time. The redesigned connectors have tight seals to keep out moisture and reduce the likelihood of a failure. A new optional front axle skid plate protects the radiator and oil pan. A new optional winch brake provides extra parking power. Each of these features is designed to optimize performance, safety and your total cost of ownership.



Detroit DD15 TC Engine



Cummins ISX15 Engine

ENGINES

	HP	LB-FT TORQUE
Detroit DD13	350 - 450	1250 - 1650
Detroit DD15 TC	455 - 505	1550 - 1750
Detroit DD16	560 - 600	1850 - 2050
Cummins ISX15	400 - 600	1450 - 2050

All engines are certified to OBD13 and are GHG14 compliant.

TRANSMISSIONS

Eaton Fuller Manual
Eaton Fuller Automated Manual
Allison Automatic

AXLES

Steer	12,000 lbs - 22,000 lbs
Single Drive	23,000 lbs - 26,000 lbs
Tandem Drive	40,000 lbs - 70,000 lbs
Tridrive	69,000 lbs

IT'S BIG ON COMFORT AND SAFETY.

The interior of the 122SD is wide, roomy and packed with comfort and safety features: tilt/telescoping steering wheel, ivory-colored gauges with LED backlights and in-dash, backlit PTO controls. Air weight and tire pressure gauges are located inside the cab. And the dash is constructed in fewer sections for less noise and greater durability.

The 122SD provides drivers with easy access to switches and storage, flexible seating options and a new optional driver side air bag. The curved, two-piece windshield makes it easier to spot and avoid potential hazards. And the exterior mirrors have been repositioned for even better visibility. The driver's side now has an optional grab handle for easier and safer entry.

The filtered HVAC offers superior airflow and climate control, keeping temperatures more consistent and reducing driver fatigue. Freightliner offers an optional Extreme Climate Thermal package for even greater insulation and comfort.

The 122SD also is available in several sleeper configurations, from 34 to 70 inches. Each offers ample storage and work space. And you can choose from several bunk options to ensure maximum comfort while on the road.



Large opening for easy driver entry/egress.



Optional interior trim features Signature Oregon Burl Wood dash and accents.



122SD 70" Raised Roof Sleeper



122SD 58" MRXT Sleeper



Standard interior trim features Bandon Driftwood dash and accents.



122SD 70" MRXT Driver's Lounge



Eaton Cobra shifter for optional automated manual transmission.

EASIER MAINTENANCE. BETTER BUSINESS.

Maintenance plays a big part in a truck's total cost of ownership. That's why the 122SD was engineered to be easy to maintain. The one-piece, fiberglass hood tilts almost 90 degrees and requires just six pounds of lift effort to open. See-through fluid reservoirs make daily checks quick. A three-stage air intake system combats airborne dust and dirt in the engine. The single air filter holds more dirt than dual filters, extending change intervals. And longer oil change intervals also mean less downtime. Put simply, the 122SD is built to work hard. And Freightliner has engineered it to help you work smart.

DETROIT VIRTUAL TECHNICIAN™ ONBOARD DIAGNOSTIC SYSTEM

If the check engine light illuminates, this state-of-the-art system sends real-time engine information to the Detroit Customer Support Center for remote diagnosis. The driver then is notified of the severity of the problem and what steps to take. Repair parts can be ordered immediately and the driver can be directed to the nearest dealer. This system reduces downtime by providing immediate information to enhance productivity and safety. And the optional Visibility Package provides real time vehicle information through the Ground Traffic Control website.



122SD Logger



122SD Tanker



122SD Specialty Haul



122SD Heavy Haul



WE'VE GOT YOU COVERED.

UNMATCHED SERVICE AND SUPPORT.

With more than 300 Freightliner dealer locations across North America, you're never far from the convenient service and support you have come to expect from the industry leader. In addition, more than 300 Freightliner ServicePoint® facilities located at TravelCenters of America and Petro Stopping Centers offer certified repair and warranty work. When you need a factory-certified technician, the Detroit brand offers more than 800 locations in North America.

Freightliner also maintains strategically located parts distribution centers throughout North America, ensuring fast parts delivery to keep customers up and running.

Freightliner's Customer Assistance Center provides customers a hotline that's available 24 hours a day, seven days a week. Customers may call the toll-free number (1-800-FTL-HELP) for technical support, to arrange roadside assistance or towing services, or to locate the nearest dealer or service center.

A SIMPLE PURCHASE PROCESS THAT'S SECOND TO NONE.

Purchasing a truck is one of the most important decisions you make. Freightliner makes the buying process easy, with highly trained sales consultants and one of the largest dealer networks in the industry, so businesses don't have to look far for their next purchase. Count on Freightliner dealers for reliable product information, truck parts and service, and ongoing customer support.

FINANCING IS EASY.

Daimler Truck Financial (DTF) offers a variety of options, including loans and leases tailored to the trucking industry, that make financing go smoothly. DTF has been meeting the financing challenges of owner-operator and vocational customers for more than 30 years. It offers finance solutions including conventional retail financing at attractive and competitive rates, a variety of terms to match cash flow, and up to 100% financing for qualified customers.

Daimler Truck Financial

Financing that works for you.



COMPREHENSIVE WARRANTIES FOR ADDED PEACE OF MIND.

Freightliner stands behind its trucks every step of the way. We offer one of the most comprehensive warranties in the business, as well as a variety of extended warranties.

BETTER PARTS. GOOD PRICES.

Alliance Truck Parts offers a range of new and remanufactured maintenance, repair and replacement parts and accessories for virtually all types of heavy-duty trucks at an affordable price. Alliance Truck Parts are sold at Freightliner dealers throughout the U.S. and Canada.



FREIGHTLINERTRUCKS.COM/WORKSMART



Competitive financing available through Daimler Truck Financial. For the Freightliner Trucks dealer nearest you, call 1-800-FTL-HELP. www.freightlinertrucks.com. 10M, 2/13. FTL/MC-B-1229. Specifications are subject to change without notice. Freightliner Trucks is registered to ISO 9001:2008 and ISO 14001:2004. Copyright © 2013. Daimler Trucks North America LLC. All rights reserved. Freightliner Trucks is a division of Daimler Trucks North America LLC, a Daimler company.