

FREIGHTLINER[®]

Run Smart[™]

FREIGHTLINER

UTILITY
BUSINESS CLASS[®] M2



Tough working trucks to keep the power on.

Your customers depend on you to keep their power on. With that kind of pressure, it's easy to understand why smart utility companies across the country are turning to the Freightliner Business Class® M2 106, 106V, 112 and 112V trucks to get the work done efficiently.

Business Class M2 106

Designed for comfort and safety, Business Class M2 106 utility trucks are the right trucks to handle today's challenging utility company demands. Up to a 55-degree wheel cut provides an industry-leading turning radius, while a large 2,500 square-inch windshield offers superior visibility for increased safety and handling. Above all, the Business Class M2 106 gives you the flexibility and reliability to meet any job requirement.

Whether the circumstances call for electrical line repair or heavy-duty off-road detail jobs, Freightliner's broad line-up of Business Class M2 utility trucks can handle it.

- Available with 13k lbs. front and 20k lbs. rear axles, or 12k lbs. front and 21k lbs. rear axles for a 33k lbs. GVW
- Vehicle interface body builder connectors available throughout the chassis for digger derricks and man-lifts
- Rear cab cross member flush with back of cab to allow for outriggers



Business Class M2 106 Man-Lift



Business Class M2 106V Extended Man-Lift



Business Class M2 106 Extended Man-Lift



Business Class M2 106 Digger Derrick



Business Class M2 112 Man-Lift



Business Class M2 112 Extended Cab Telescoping Crane



Business Class M2 112 Extended Cab Digger Derrick

Business Class M2 112

Freightliner's Business Class M2 112 utility trucks are engineered with the strength and power to make a positive impact on your bottom line. They support a wide range of bodies and chassis-mounted equipment with body builder connectors and a multiplex wiring system for easier customization. Whether you're running lifts, digger derricks or other specialized applications, the Business Class M2 112 utility trucks show up for work with heavy-duty strength.

- Available in a truck, tractor or truck with end-of-frame trailer connectors configuration
- Easy-to-specify clear back-of-cab frame
- Frame rail drilling prep for body mounting available

Business Class M2 106V and 112V

Freightliner's Business Class M2 106V and 112V utility trucks are designed for specialized applications that require heavy-duty front-end stability and power. Integral front frame extensions are available in 6" and 24" lengths on the Business Class 106V model, and 12" and 24" lengths on the Business Class 112V model. These models are equipped with front frame extensions and can accommodate front engine PTOs with full horsepower ratings. A full range of Eaton® Fuller and Allison® transmissions and their PTO provisions gives you performance choices to optimize your operational requirements.

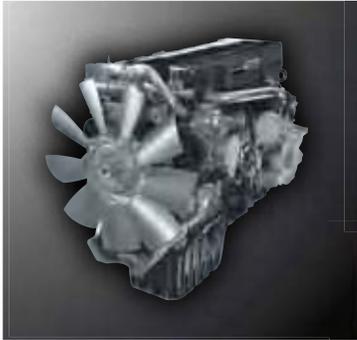


Integral front frame extensions on Business Class 106V and 112V models are designed to accommodate front-mounted PTOs and winches.

Powered for performance. Designed for dependability.

The Business Class M2 looks stylish on the outside and is exceptionally productive. A broad range of engine and transmission choices allows the

buyer to select the optimum combination to match virtually any business application.



Detroit Diesel DD13™



Cummins ISC or ISB (shown here)

Optimized performance under the hood and on the road.

Since 1978, many different exhaust systems in Europe have incorporated SCR technology. Based on environmental advantages and payback to owners in less maintenance, increased fuel economy, better reliability and more uptime, it's clearly been proven the best EPA 2010 choice. Even so, Freightliner and the majority of the vocational trucking industry didn't take the decision to go with SCR lightly. We've driven more than 30 million SCR test miles in North America alone, including more than 2 million customer miles under real-world freight hauling conditions.

Different DEF tanks.

For ease of filling and increase of fill interval to standard maintenance intervals, Freightliner offers 6-, 13- and 23-gallon DEF tanks.

The DEF gauge is integrated into the diesel fuel gauge.

The gauge indicates the level of DEF in the tank and has a series of alerts when the tank is running low. A driver who ignores his DEF low level warnings will see de-rates and restrictions on his vehicle, but will never be stranded.



*Just watch the gauge.
It's that simple!*

ENGINES	
TYPE	RATINGS
Cummins ISB	200 - 360 hp / 520 - 800 ft.-lbs. torque
Cummins ISC	260 - 380 hp / 660 - 1,050 ft.-lbs. torque
Cummins ISL G (natural gas)	up to 320 hp / 1,000 ft.-lbs. torque
Detroit Diesel DD13	350 - 450 hp / 1,250 - 1,650 ft.-lbs. torque
	<i>Higher hp ratings are available for emergency service applications only.</i>
TRANSMISSIONS	
Eaton Fuller Manual	5-, 6-, 9-, 10-, 11- or 13-speed
Eaton Fuller AutoShift® and UltraShift®	10-speed
Allison	1000, 2000, 3000 and 4000 series
AXLES	
TYPE	CAPACITY (lbs.)
Steer	6k, 8k, 10k, 12k, 13k, 13.3k, 14k, 14.7k, 16k, 18k, 20k
Drive	10k, 12k, 13k, 15k, 17.5k, 19k, 20k, 21k, 23k, 26k, 30k
Tandem	34k, 40k, 44k, 46k, 52k, 58k

Heavy-Duty Versatility

- Eaton Fuller manual and Allison automatic transmissions, with a wide range of PTOs available
- A variety of spring or air suspensions is available
- Freightliner's TufTrac and Hendrickson rear suspensions rated from 40,000 lbs. to 52,000 lbs. optional
- For ease of body installation, there are many mounting configurations for exhausts, including vertical and horizontal



Alternative energy.

HYBRID

The Freightliner Business Class® M2e Hybrid reduces idle time by as much as 87%. But, along with many economic and environmental advantages, you benefit from a powerful combination of product knowledge, resources, service and support systems—all backed by the advanced technological expertise of Freightliner Trucks' parent company, Daimler AG. Daimler AG, the leading hybrid commercial vehicle manufacturer, is shaping the future of transportation through initiatives for greater fuel economy and lower emissions.

NATURAL GAS

Freightliner has teamed up with Cummins Westport to deliver a natural gas alternative to traditional diesel power in a proven, reliable truck engineered for a broad range of applications. The Cummins Westport Natural Gas engine meets EPA 2010 and CARB emission standards. With the cleanest technology available, the Freightliner Business Class M2 112 Natural Gas work truck offers unparalleled benefits that help businesses increase productivity, performance and profitability.

Wiring and pneumatic lines are efficiently placed.

Electrical, pneumatic and fuel lines are neatly organized inside the left-hand rail for most applications. This relieves congestion at the back of cab, making access easier for body builders and service technicians.

Wiring connectors eliminate splicing.

To assist body builders, Freightliner has pre-engineered standard interfaces for engine wiring and lighting. Vehicle interface wiring connectors eliminate the need for splicing and provide an easy "plug-and-play" point for body builders to connect such things as brake lights, turn signals and tail lights. Interface connectors for the engine and transmission allow clean connections at convenient locations on the chassis for feature activation. There's no need to wire directly to engine or transmission control modules. The in-cab power net distribution block, available for body builder expansion, provides fused power for body controllers.

Adding switches is easy.

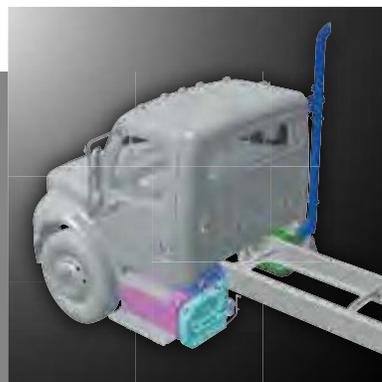
The Smart Switch system enables switches in the cab interior to be easily added or interchanged without removing the dashboard.



Simplified Body Installation

- Supports a wide range of bodies and chassis-mounted equipment
- Clear frame rails back of cab and optional full inner-frame reinforcement
- Multiplex wiring system with Smart Switches do not require reprogramming after installation, eliminating the need to remove the dashboard to install
- Multiplex system also allows standard interfaces for engine, transmission, chassis lighting and trailer towing. Can be located in multiple locations including engine compartment, back of cab and end of frame

Clear frame rails back of cab and a variety of EPA 2010 exhaust configurations suit most upfits. So, whether you choose the Cummins SCR aftertreatment system or the DD13™ 1-Box, we have the perfect solution for you.



CLEAR BACK OF CAB TAILPIPE
Clear left-hand and right-hand transmission PTO mounting locations



CURBSIDE EXIT TAILPIPE

Built for business. Designed for safety.

DRIVER SAFETY AND COMFORT

- Comfortable, well-appointed aluminum cab with an efficient dash and easy-to-reach automotive style gauges and switches
- A large cab with plenty of head, belly and elbowroom, lower cab height with wider and taller doors, and non-slip steps for easy entry/exit
- Standard tinted windshield glass helps prevent glare for a better view of the road
- Optional door-mounted down-view mirrors and a passenger door lower window enhance driver vision around truck and surroundings
- Multiple interior/exterior grab handles for easy entry/exit
- Low step-in height for easier entry/exit



Wing dash. Standard on 112/112V. Optional on 106/106V.

DRIVER-FRIENDLY OPERATION

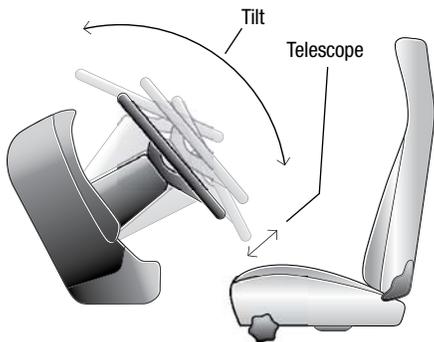
- Up to a 55-degree wheel cut, a set-back front axle and a swept-back front fender and bumper provide one of the industry's tightest turning radii, improving wall-to-wall and curb-to-curb maneuverability, especially within neighborhoods
- A large 2,500 square-inch tinted windshield and downward sloping aerodynamic hood provide a clear, wide-open view of the road and work at hand, making it easier for the non-professional driver to see and drive
- Optional wing dash with its ergonomic design brings controls and gauges closer to the driver and provides space for up to eight more switches



INTERIOR FEATURES*

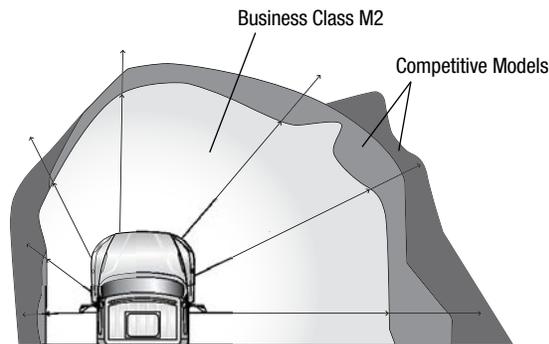
- Door-activated dome lights
- Overhead console with additional center storage
- Dual reading lights mounted in overhead console
- Multiple between-seat storage options including writing surface
- Electric powered door windows and door locks
- Door-mounted storage
- Two cupholders molded into lower dash
- Complete selection of driver and passenger seats including storage, safe and SCBA options
- Washer fluid level indicator
- Trip odometer, tachometer, transmission temperature and air pressure gauges
- Heater and defroster or heater, defroster and air conditioner
- AM/FM, Weatherband or Sirius Satellite radios with CD
- CB mounting provision conveniently located in overhead console
- Wing dash
 - Standard on M2 112/112V
 - Optional on M2 106/106V
- Interior convenience package
 - Woodgrain dash
 - Vinyl door trim
 - Extra overhead storage
 - Dual reading lights (day cab)

TILT AND TELESCOPE STEERING



The foot-controlled release on the adjustable steering column lets both hands stay on the wheel while providing an infinite number of adjustments.

VISIBILITY



The Business Class M2's visibility zone starts closer than that of competitive truck models, to provide better visibility for maneuverability and safety.

* Some features may be optional.

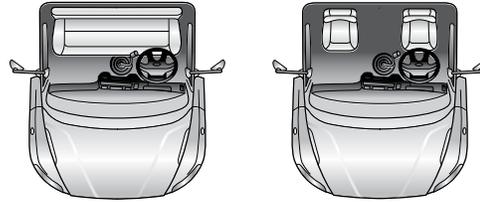
CAB CONFIGURATIONS / OPTIONS

The Business Class M2 has flexible seating options for any application. Front bench seats are available in day and crew cabs, while a rear bench seat is available in both the extended and the crew cab. Air-suspended and SCBA seats are available with most seating options. A few of the many seating configurations are shown here.



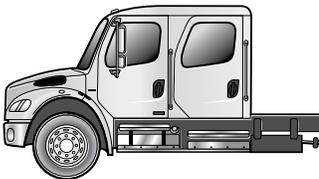
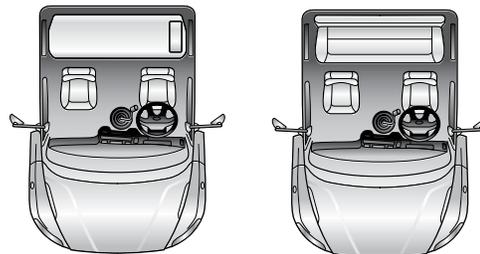
DAY CAB

- Full width bench seat
- Fixed or air suspension driver and passenger seats
- Passenger seats with SCBA, storage or locking safe provisions



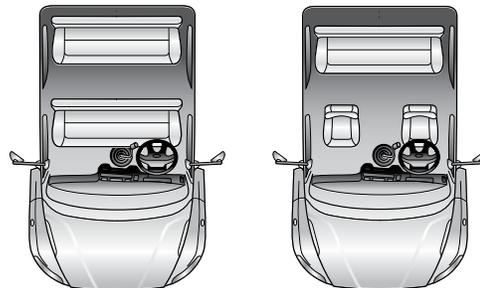
26" EXTENDED CAB

- 24" liftable bunk with storage
- Full-width rear bench seat or forward-facing rear jump seats
- Fixed or tip-out tinted side rear windows
- Cab privacy curtain



48" CREW CAB

- Rear bench or individual seats including air-suspended and SCBA
- Electric rear door windows



EASY MAINTENANCE

- Easy to maintain and service, keeping downtime to a minimum
- Hood opens 90-degrees – hood hatches available on the V models
- Components are within reach, and see-through fluid reservoirs make inspection and service quick and easy
- Three-piece bumper designed to save maintenance time and costs by allowing partial replacement if necessary
- Available with roped-in windshield for easy repair
- Multiple interior/exterior grab handles for easy entry/exit
- Low step-in height for easier entry/exit



SPECIFICATIONS AND OPTIONS

ENGINE AND POWERTRAIN ACCESSORIES

- Detroit Diesel DD13™
- Cummins ISB, ISC engines
- 160-amp alternator standard, other options available
- Several clutch options from Eaton Fuller and Sachs
- Hydraulic and mechanical clutch control options
- Engine shut-down protection system
- Exhaust and compression brakes
- Electric engine block heater
- Electric oil pan heater
- Eaton Fuller 5-, 6-, 9-, 10-, 11- or 13-speed manual transmissions
- Eaton Fuller 10-speed AutoShift® transmission
- Allison automatic transmissions
- Engine remote interface with preset fast idle
- Engine remote interface with park brake and neutral interlocks

CHASSIS

- Clear frame rails back of cab
- Towing provisions at end of frame
- Battery shut-off switch
- Factory all-wheel-drive with front axle ratings of 10k, 12k, 14k and 16k available with 2-speed transfer case
- Taper-leaf and flat-leaf front suspension capacity from 6,000 lbs. to 20,000 lbs.
- Front shock absorbers included with taper-leaf and available for flat-leaf suspensions
- Rear axles, capacity from 10,000 lbs. to 58,000 lbs.
- Freightliner AirLiner®, TufTrac® multi-leaf, taper-leaf and flat-leaf suspensions to 52,000 lbs.
- Hendrickson HAULMAAX® / RT™ / RTE™ / RS™ / PRIMAAX® suspensions to 65,000 lbs.
- Wide family of frame rails available up to 7/16" x 11-1/8" with 1/4" c-channel inner reinforcement
- Painted bumper with flexible polymer ends, or three-piece steel bumper with collapsible ends, available painted or chromed
- Driver-controlled differential lock for traction control
- Clear or amber fog lights, mount in or under bumper
- Integral or bolted front frame extensions

- Left, right or dual, 30- to 120-gallon aluminum fuel tanks
- Back-up alarm
- Multiple PTO options and locations available
- Vehicle interface wiring and PDM with body builder connector located underhood, back of cab or end of frame
- Electronic transmission access connector located underhood, back of cab or end of frame
- Engine remote interface connector located underhood, back of cab or end of frame

CAB

- 106" or 112" BBC aluminum cab
- Day cab, 26" extended cab and 48" crew cab offered
- Fender extensions
- Painted or chrome front grille and engine air intake
- Firewall and hood liner insulation
- Single or dual electric or air horns
- LED marker and tail lights
- Integral headlight / marker lights mounted in hood
- Daytime running lights
- Post-mounted spotlights
- Black or chrome door-mounted mirrors with heat or remote control
- Door-mounted down-view mirror
- Heated door-mounted auxiliary convex mirrors
- Painted exterior sun visor
- Tinted door glass with operating or fixed wing windows
- Bonded or roped-in tinted windshield
- Mirror-mounted AM / FM / WB / CB antennas
- Intermittent wipers
- Two door day cab, two door 26" extended cab and four door crew cab available with seating for 5 or 6 people
- High output (20 amp) in-dash switches available for various body circuits and interface requirements
- Manual remote engine start/stop with or without PTO re-engage
- Electric/air dash-mounted PTO switch with indicator lamp

DRIVER SAFETY AND COMFORT

- Rubber, leaf spring or air-cab mounts
- Exterior assist handles
- Electric powered door windows and locks
- Washer fluid level indicator
- Lower right-hand door window
- Door-mounted storage
- Overhead console with additional center storage
- HVAC, heater and defroster options
- Electrical options
- Two cupholders molded into lower dash
- Multiple between-seat options including console, writing surface, 12-volt power supply and safe seat options
- Silencer package or extreme climate thermal insulation
- Door-activated dome lights standard
- Optional step lighting package available
- Dual reading lights mounted in overhead console
- Adjustable tilt and telescoping steering column
- Trip odometer, tachometer, transmission temperature and air pressure gauges
- AM / FM / WB radios with cassette or CD
- CB mounting provision conveniently located in overhead console

Some options not available on all models.

**Visit our body builder website
for additional up-to-date
information on interfacing at
www.accessfreightliner.com.**



Competitive financing available through Daimler Truck Financial. For the Freightliner Trucks Dealer nearest you, call 1-800-FTL-HELP. www.freightlinertrucks.com. 10M, 6/10. FTL/MC-B-980. Specifications are subject to change without notice. Freightliner Trucks is registered to ISO 9001:2000 and ISO 14001:2004. Copyright © 2010. Daimler Trucks North America LLC. All rights reserved. Freightliner Trucks is a division of Daimler Trucks North America LLC, a Daimler company.