

Freightliner Custom Chassis Corporation



School Bus Chassis

FS-65

However you grade school buses, the new Freightliner FS-65 gets the highest marks. Grade on the curve and you'll appreciate the visibility advantages of its distinctive hood slope and the turning radius of its sharp wheel cut. Grade on good sense and you'll love the many ways it makes driving easier and maintenance hassle-free. Grade on conduct and you'll find a degree of component flexibility and corporate and dealer support like you've never encountered before.

Key FS-65 advantages include:

- Standard anti-lock brakes for better control.
- Outstanding visibility over the sharply sloped hood.
- 50° inside wheel cut for tighter turning, less backing up.
- Driver-friendly features promote comfort, control.
- Easy walk-up engine service.
- Simplified troubleshooting of electrical systems.
- A variety of quality options to choose from.
- Special features reduce body installation time and trouble.
- Visual appeal that instills driver pride, better care.
- A warranty stronger than most others.
- The freedom to work with the bodybuilder you choose.
- A total package of parts, service and ultra-modern support technologies from Freightliner Custom Chassis dealers.

Standard Base Model Configuration

Configuration: Type C, Set-back front axle cowl chassis.

Engine: Cummins B5.9, 175 hp @ 2500 rpm; 420 lb-ft. @ 1600 rpm.

Engine Equipment: Delco-Remy 12 volt 28 MT starter; frontal air intake with rail mounted Donaldson single stage air cleaner; Delco-Remy 100 amp 21-SI alternator; (2) 12-volt 1031MF 1250 total CCA batteries.

Clutch: Spicer 14" Angle-Ring, dampened single ceramic plate.

Cooling System: 720 sq. in. down flow aluminum core radiator with remote mounted surge tank; Ethylene glycol precharged SCA heavy duty coolant to -35° F; Eaton Viscous fan drive.

Exhaust: Single right-hand mounted horizontal muffler with horizontal tail-pipe, exit right hand rail, end of frame.

Transmission: Fuller FS-4205A 5-speed, 420 lb-ft. maximum engine peak torque.

Front Axle and Equipment: Rockwell FC-941 rated @ 8,000 lbs; Bendix hydraulic disc brakes; Chicago Rawhide oil seals.

Power Steering: Ross TAS-40 frame mounted.

Front Suspension: Taperleaf spring, rated @ 6,000 lbs.; maintenance-free rubber spring pin bushings.

Rear Axle and Equipment: Rockwell RS-13-120 rated at 13,000 lbs.; 4.30 ratio; Spicer SPL90 main driveline; transmission mounted parking brake.

Rear Suspension: Taperleaf Spring rated at 12,000 lbs. with radius leaf.

Brakes: Rockwell WABCO 4-Channel Hydraulic ABS.

Frame: ¼" x 3" x 10" channel steel frame; 50,000 psi yield strength per rail; RBM of 500,000 lbf-in. per rail.

Chassis Equipment: 11.5" painted steel bumper with boxed bumper ends; battery box temporarily mounted top of frame.

Wheelbase: 150" with 77" rear frame overhang.

Fuel Tank: Single 30-gallon right-hand painted steel rectangular fuel tank with guard.

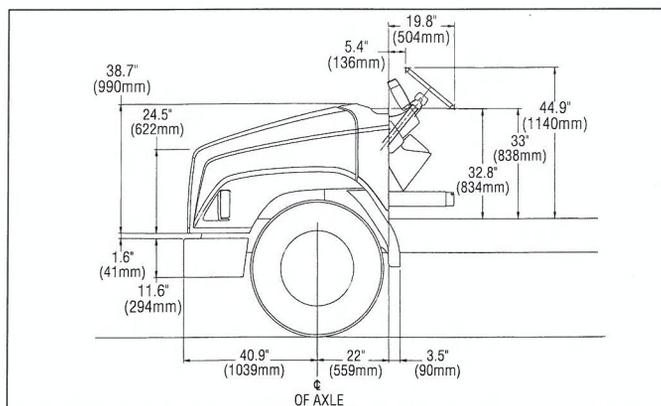
Tires: Michelin XZE 245/70R 19.5 14-ply.

Wheels: Accuride 28680PK-BLK 19.5 x 6.75; hub-piloted.

Cowl and Equipment: Double galvanized steel cowl; fiberglass hood; painted plastic grille; dual electric horns; two-spoke 19" steering wheel; gauge package; headlamp switch with integral marker light switch; self-cancelling turn signal switch with integral headlamp beam and 4-way flasher control; single rectangular sealed beam headlamps; daytime running lights; one-gallon windshield washer reservoir.

Paint: Cowl/hood: Imron 5898 Yellow; Chassis: Black.

GVWR: 18,000 lbs./8,175 kg.



Front Suspensions: Freightliner taperleaf rated from 6,000 lbs. to 12,000 lbs. capacity.

Rear Axles and Equipment: Rockwell single drive rated from 13,000 lbs. to 23,000 lbs.; selection of Spicer drivelines; dust shields for rear axle; National rear oil seals; Anchorlok Gold Seal tamper proof with Orange Alert package with Air Brake Package.

Rear Suspensions: Freightliner taperleaf from 12,000 lbs. to 23,000 lbs. capacity; Freightliner flatleaf from 17,500 lbs. to 23,000 lbs. capacity; Freightliner AirLiner from 20,000 lbs. to 23,000 lbs. capacity with Air Brake Package; Hendrickson HAS Series rated from 12,000 lbs. to 15,000 lbs. capacity with Air Brake Package.

Brakes: Hydraulic brake package with air supply system; air brake package.

Wheelbases: 167" to 276".

Fuel Tanks: 65-gallon right-hand; 60-gallon or 100-gallon steel between rail; left-hand or right-hand side fill; diesel fuel/water separator.

Tires: Michelin Radial; Goodyear Radial or Bias ply.

Wheels: Accuride, Budd Uni-mount or Motor Wheel steel disc; Gunitex spoke.

Cowl and Equipment: Rectangular single halogen headlights; rectangular roadlights mounted under the bumper; automatic self-reset circuit breakers; adjustable steering column; selection of gauge packages.

Available GVWRs: 18,000 lbs./8,175 kg. to 35,000 lbs./15,890 kg.

Partial List of Available Options

Engines: Cummins B5.9 Series from 175-230 hp; Cummins C8.3 Series; Caterpillar CFE Series from 175-230 hp.

Engine Equipment: Delco-Remy 37 MT 12-volt starter with CFE Series engines; Delco-Remy 100-145 amp or Leece-Neville 160 amp alternators.

Cooling Systems: Hydraulically or Pneumatically controlled shutters mounted to radiator; ethylene glycol pre-charged SCA heavy-duty coolant with protection to -60° F; silicone heater/radiator hoses where possible; Phillips 1000 watt/115 volt electric engine coolant preheater, Phillips 150 watt/115 volt electric oil pan heater; KBI Dieselmatic automatic ether start; air intake warmer

Exhaust: Single right-hand mounted horizontal with exit left-hand rail at end of frame.

Transmissions: Allison AT 545, MT 643 and MD 3060 automatic; Fuller 5- and 6-speed manual.

Front Axles and Equipment: Rockwell FD-961 @ 10,000 lbs. capacity; Rockwell FF-961 at 12,000 lbs. capacity; Rockwell 15" x 5" Q-Plus cam brakes; dust shields for front brakes; National front oil seals.

