

# MB-65 Commercial Bus Chassis

## Front-Engine Straight-Rail Chassis



### Features & Benefits

- 1** Durable, heavy-duty steel frame rails reduce flex, bowing and vibration to minimize coach stress while transporting passengers in relative quiet and comfort.
- 2** Taper-leaf front suspension, rated from 9,000 to 12,000 lbs. with tuned Sachs® shocks, provides a smooth, solid ride.
- 3** Flat-leaf rear suspension, rated from 15,000 to 17,500 lbs., minimizes the effects of potholes and bumps. Optional suspension with tuned Sachs® shocks rated from 18,000 to 20,000 lbs.
- 4** The tilt/telescoping steering column is controlled by foot-lever release, so hands stay on the wheel. A see-through steering reservoir makes checking and filling easy. The steering shaft is lube-free.
- 5** Accessible fluid dipsticks and fluid containers provide easier maintenance.
- 6** Freightliner's industry-leading 55-degree wheel cut increases maneuverability, making it much easier to negotiate tight turns and cramped spaces.
- 7** Allison® 1000 PTS (standard) and 2100 PTS, 2200 PTS, 2500 PTS, B210, and B220 (optional) automatic transmissions deliver smooth, precise shifting and optimal fuel economy. Standard park pawl on 1000 and 2200 Series effectively grounds transmission output shaft, thereby preventing rotation of the driveline.
- 8** Cummins® ISB diesel engine promotes reliability and low operating costs, and produces an excellent balance of low-end acceleration and high-end torque, as well as reduced emissions and quieter running.
- 9** Goodyear® G647 19.5" 14-ply radial tires provide an extra-wide, extra-deep tread to deliver maximum durability and scrub resistance. Optional 22.5" tires.
- 10** Accuride® 19.5" x 6.75" steel wheels with an option for aluminum. Optional 22.5" steel or aluminum wheels.
- 11** Bosch® hydraulic ABS disc brakes deliver reliable, uniform stopping power and better steering control in emergency situations. Optional air brakes.
- 12** 60-gallon rectangular steel fuel tank mounted between rails increases safety and reduces fuel stops. Optional 90-gallon fuel tank.
- 13** Full instrument cluster with driver's message center, electronic speedometer, fuel gauge, electronic oil pressure, and coolant temperature provides accurate, instant feedback.
- 14** Features a lowered engine, which provides a flat floor in the cockpit area, enabling drivers to safely move from cockpit to passenger area without having to step over a "doghouse."

# STANDARD FEATURES AND OPTIONS: MB-65 CHASSIS

The MB-Series commercial bus chassis assumes many applications, from light- and medium-duty commercial transit to airport and hotel shuttle service.

MB-65 CHASSIS	
Engine:	200 hp Cummins <sup>®</sup> ISB 6.7L with 520 lb./ft. torque @ 1,600 RPM
Optional engines:	220 hp Cummins ISB 6.7L with 520 lb./ft. torque @ 1,600 RPM
	240 hp Cummins ISB 6.7L with 560 lb./ft. torque @ 1,600 RPM
	260 hp Cummins ISB 6.7L with 560 lb./ft. torque @ 1,600 RPM
	280 hp Cummins ISB 6.7L with 660 lb./ft. torque @ 1,600 RPM
Transmission:	Allison <sup>®</sup> 1000 PTS
Optional transmissions:	Allison <sup>®</sup> 2100 PTS, 2200 PTS, 2500 PTS, B210 and B220
GVWR:	19,500 to 32,000 lbs.
Alternator:	Leece-Neville <sup>®</sup> 160 amp
Optional alternators:	Leece-Neville <sup>®</sup> 200 amp and 270 amp
A/C Compressor:	Single Sanden <sup>®</sup> A/C compressor
Optional A/C Compressor:	Dual Sanden <sup>®</sup> or Seltec <sup>®</sup> TM21 A/C compressors
Axles:	
Front:	9,000 lb. front axle
Optional front axles:	10,000 and 12,000 lb. front axles
Rear:	AAC ARS-15, 15,000 lbs.
Optional rear axles:	Quiet Ride Meritor <sup>®</sup> RS-15, 15,000 lbs.; RS-17, 17,500 lbs.; RS-19, 19,000 lbs.; RS-20, 20,000 lbs. AAC axles, ARS-15, 15,000 lbs.; ARS-17, 17,500 lbs.; ARS-19, 19,000 lbs.; ARS-20, 20,000 lbs.
Suspension:	
Front:	Taper-leaf spring, 9,000 lbs.
Optional front suspensions:	Taper-leaf spring, 10,000 lbs. and 12,000 lbs. with tuned Sachs <sup>®</sup> shocks
Rear:	Flat-leaf spring, 15,000 lbs.
Optional rear suspensions:	17,500 lbs. taper-leaf 18,000 lbs. and 20,000 lbs. Airliner <sup>®</sup> air suspension and tuned Sachs shocks
Steering:	TRW <sup>®</sup> power steering and tilt/telescopic column; TRW <sup>®</sup> THP 60 steering gear; 55-degree wheel cut
Brakes:	Bosch <sup>®</sup> hydraulic pin-slide disc brakes, front and rear WABCO <sup>®</sup> hydraulic four-channel ABS
Air brakes:	Front: Meritor <sup>®</sup> 15" x 4" Q+ cam; Rear: Meritor <sup>®</sup> 16" x 7" or 15" x 8.62" Q+ with Bendix <sup>®</sup> AD-IP air dryer
Frame:	5/16" x 2.81" x 9 1/8"; 80 kpsi
Wheelbases:	158", 178", 190", 208", 218", 228", 236", 250", 276", 300"
Fuel tank:	60-gal. between the rails
Optional fuel tanks:	90-gal. between the rails
Tires:	Goodyear <sup>®</sup> G647 245/70R19.5 14-ply
Optional tires:	Goodyear <sup>®</sup> 255/70R22.5; Michelin <sup>®</sup> XZE 245/70R19.5 16-ply; XZE 255/70R22.5 16-ply; XZA 265/70R22.5 16-ply
Instrumentation:	Gauge package includes electronic speedometer with odometer, low-air light and buzzer alarm, driver's message center, voltmeter, electronic fuel gauge, electronic oil pressure, electronic coolant temperature, dual-needle primary and secondary air pressure gauge, low coolant level warning, ADA lift-active light
Wiring:	Body-builder-ready electrical drop for ADA wiring
Selected options:	Daylight running lights
	Cruise control and programmable high idle
	Transit-specific options available

Call Freightliner Custom Chassis Corporation at (800) 545-8831, or visit us on the Web at [freightlinerchassis.com](http://freightlinerchassis.com).

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