

XB-S Commercial Bus Chassis

Rear-Engine Straight-Rail Pusher



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. Lowered rear section for engine.
- 2** Neway® AS-120 front air suspension, rated at 10,500 lb. with front sway bar and tuned Sachs® shocks, provides a smooth, solid ride and added passenger comfort. Optional 12,000-lb. air suspension.
- 3** Neway ADL-XB rear air suspension, rated at 17,500, 19,000 and 20,000 lb. with standard sway bar and tuned Sachs shocks, further minimizes the effects of potholes and bumps.
- 4** TRW® power steering has a tilt/telescopic column controlled by foot-lever release, so hands stay on the wheel.
- 5** Accessible fluid dipsticks and fluid containers provide easier maintenance.
- 6** Allison® 2100 PTS, 3000 PTS and B300 automatic transmissions deliver smooth, precise shifting and optimal fuel economy.
- 7** Cummins® ISB diesel engine provides durability and lower maintenance costs and offers an excellent balance of low-end acceleration and high-end torque.
- 8** Rear-mounted radiator standard. Side-mounted radiator optional.
- 9** Goodyear® and Michelin® tires provide extra-wide, extra-deep tread to deliver maximum durability and scrub resistance.
- 10** Accuride® 22.5" x 7.5" and 22.5" x 8.25" steel wheels. Optional aluminum wheels.
- 11** Meritor® WABCO® ABS air brakes deliver reliable, uniform stopping power and better steering control in emergency situations. Optional Bendix® air disc front brakes, which provide a shorter stopping distance.
- 12** 90-gallon rectangular steel fuel tank mounted between rails increases safety and reduces fuel stops.
- 13** Full instrument cluster, with driver's message center, electronic speedometer and fuel gauge and electronic oil pressure and coolant temperature, provides accurate, instant feedback.
- 14** Chassis is equipped with ADA (Americans with Disabilities Act) wiring which offers body builder interface connections, eliminating the need for OEM's to splice into chassis wiring.

STANDARD FEATURES AND OPTIONS: XB-S CHASSIS

The XB-Series diesel pusher chassis accommodates all routes from one-way downtown city streets to two-lane country highways—thanks to its superior maneuverability and fuel economy.

XB-S CHASSIS

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| Engine: | 200 hp Cummins® 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 620 lb./ft. torque @ 1,600 rpm |
| | 280 hp Cummins ISB 6.7L with 660 lb./ft. torque @ 1,600 rpm |
| | 300 hp Cummins ISB 6.7L with 620 lb./ft. torque @ 1,600 rpm |
| Transmission: | Allison® 2100 PTS with pushbutton shifter |
| Optional transmissions: | Allison B300, 3000 PTS |
| GVWR: | 26,000 lb. to 32,000 lb. |
| Alternator: | Leece-Neville® 160 amp |
| Optional alternators: | Leece-Neville 200 amp, 270 amp and 320 amp |
| A/C Compressor: | Single Sanden® A/C compressor |
| Axles: | |
| Front: | AAC® AF-10, 10,000 lb. |
| Optional front axle: | AF-12, 12,000 lb. |
| Rear: | AAC ARS-17.5, 17,500 lb. |
| Optional rear axles: | ARS-19, 19,000 lb.; ARS-20, 20,000 lb. |
| Suspension: | |
| Front: | Neway® AS-120 air suspension, 10,500 lb. with sway bar and tuned Sachs® shocks |
| Optional front suspension: | Neway AS-120 air suspension, 12,000 lb. with sway bar and tuned Sachs shocks |
| Rear: | Neway ADL-XB air suspension, 17,500 lb. and tuned Sachs shocks |
| Optional rear suspensions: | Neway ADL-XB air suspension, 19,000 lb. and 20,000 lb. with tuned Sachs shocks |
| Steering: | TRW® steering gear; 55-degree wheel cut, optional forward locations available |
| Brakes: | ABS air brake system: Front: Meritor® 15x4 Q+ or 16.5x5 Q+, optional Bendix® ADB22X air disc; |
| | Rear: Meritor 16.5x7 Q+ Haldex Pure Air Plus air dryer with electric heater |
| Exhaust brake: | Cummins® VG Turbo |
| Frame: | 5/16" x 2.81" x 9 1/8", 50,000 kpsi formed steel with lowered rear section |
| Wheelbases: | 160", 190", 208", 228", 252" |
| Fuel tank: | 90-gal. between the rails |
| Tires: | Michelin® XZE 235/80R22.5 14-ply |
| Optional tires: | Goodyear® 255/70R22.5; Goodyear 275/80R22.5; Michelin XZE 255/80R22.5 14-ply; Michelin XZE 275/80R22.5 14-ply; Michelin XZA3 275/80R22.5 16-ply |
| Instrumentation: | Gauge package includes electronic speedometer with odometer, low-air light and buzzer alarm, driver's message center, voltmeter, tachometer, electronic fuel gauge, electronic oil pressure, electronic coolant temperature, dual-needle primary and secondary air pressure gauge, low coolant level warning with separate low coolant level light, air restrictor indicator, cruise control with high-idle feature and daytime running lights. Driver's information center with odometer/trip, diagnostic/voltage display and more. |
| Wiring: | Body-builder-ready electrical drop for ADA wiring |
| Selected options: | Bendix® AD-9 air dryer |
| | "Smart Wheel" steering wheel |
| | Custom Multiplex gauges; choice of backlighting, font, background color, bezels |
| | Battery shutoff switch |
| | Dual Seltec® A/C compressors |

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

9/11, FCC/MC-S-018. Specifications are subject to change without notice. Freightliner Custom Chassis Corporation is registered to ISO 9001:2000 and ISO 14001:2004.

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