



**Main Options**

- Automatic passenger counter system
- Automatic stop announcement system
- Automatic vehicle monitoring system
- Auxiliary coolant heater
- Choice of front, side and rear destination sign systems
- Choice of heating and air conditioning, or heating only
- Choice of passenger seating and arrangement
- Choice of types and sizes of passenger doors
- Conventional public address system
- GPS/AVL system
- On-board video surveillance system

**General Dimensions**

Length	45'
Width	102"
Roof height	126"
Wheelbase	332"
Front overhang	92"
Rear overhang	123"
Approach angle	9°
Breakover angle	7.6°
Departure angle	9°
Step height, entry door	15"
Step height, exit door	15"
Floor height, rear axle	32.5"
Headroom, front axle	90"
Headroom, rear axle	80.5"
Turn radius (outside)	47.5'

**Body Construction**

A single piece structure containing the vehicle's body and chassis elements made from glass-fiber reinforced, vinyl-ester resin laminate. With substantially superior tensile and impact properties, this gives our buses a high strength-to-weight ratio. Proven in a wide variety of high-strength, high-performance applications, this composite technology is used throughout the CompBus range - providing transit operators with important benefits gained from significant weight reduction, simplicity of repair and absolute resistance to corrosion.

**Doors & Windows**

- Inward-opening slide-glide front doors, narrow or wide outward-opening or extra wide, inward-opening slide-glide rear doors. Rear doors glazed top and bottom, or top only. Vapor mechanisms and controls, with driver and/or passenger control features.
- Bright or black aluminum sash with FMVSS-217 emergency egress capability. Windows openable for ventilation at top only, bottom only, full height, or non-openable. Glass or plastic glazing.

**Driver Accommodations**

Instruments and controls located on wrap-around instrument cluster and side console. Central on-board diagnostic panel using LED technology. Dedicated air conditioning booster with multi-speed control. Tilt/telescope steering wheel. Sliding driver's window with or without locking feature. Choice of driver's seat, sun visors, and mirrors using manual or remote control with heat/non-heat feature. Glazed or non-glazed driver's barrier in standard configuration or with special compartments for lunch box and fire extinguisher, as well as for Radio/AVL/AVM equipment.

**Passenger Accommodations**

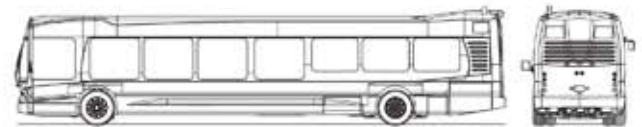
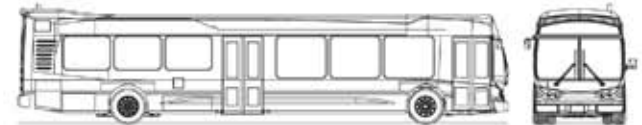
Front or rear door wheelchair ramp and securement provisions for two wheelchair confined passengers, meeting ADA requirements. Seating for up to 47 passengers using shell-type, padded or cushioned seating, either cantilever or T-pedestal mounted. Stainless stanchion and grab rail system. Choice of floor, ceiling and sidewall trim.

**Powertrain**

Cummins or DDC engines and Allison or ZF transmissions with integral retarders, in T-drive arrangement, fully cradle-mounted for removal or installation in less than one hour. Over/under or side-by-side type radiator/CAC unit.

**Suspension**

- ArvinMeritor (Rockwell) beam front axle with V-type lower torque rods and parallel upper torque rods, using air springs and telescopic shock absorbers.
- ArvinMeritor (Rockwell) live rear axle bolted to walking beams. V-type upper torque rods, parallel lower torque rods, quadruple air springs and quadruple telescopic shock absorbers.
- Kneeling system, front or side.



**Steering**

Chassis mounted, integral power steering gearbox.

**Brakes, Wheels & Tires**

Bendix air brake system complying with FMVSS-121. Conventional Arvin-Meritor (Rockwell) S-cam motorcoach drum brakes with antilock feature. Single-piece steel or aluminum wheels, hub or drum piloted, identical all positions. 275/70R22.5 or 305/70R22.5 tires, per customer requirements.

**Electrical System**

I/O Controls multiplex system with microprocessor based programmable logic control and optional pre-trip diagnostics. Heavy-duty alternator. Type 8D or 1150 batteries. 12 volt incandescent or LED-type exterior lighting.

**Heating & Air Conditioning**

Rear or rooftop mounted with optional brushless motors. Optional floor-level heaters for extremely cold climates. Optional front and rear step heaters.



**Headquarters:**  
106 National Drive  
Anniston, AL 36207  
Tel: (256) 831-4296  
Fax: (256) 831-4299

**Aftermarket Parts:**  
1275 S Houk Road  
Delaware, OH 43015  
Toll Free: (888) 333-6224  
Fax: (740) 363-5897

**Bid Administration:**  
3450 E Philadelphia Street  
Ontario, CA 91761  
Tel: (909) 773-0500  
Fax: (909) 923-8263

**Financial Services:**  
201 Orange Street  
New Haven, CT 06510  
Tel: (203) 562-0200  
Fax: (203) 752-9359

**Marketing:**  
8000 W Central, #400  
Wichita, KS 67212  
Toll Free: (888) 391-1777  
Fax: (316) 779-7727