

Phoenix ML



Comfort and Safety in a Powerful Ride

- Galvanized steel passenger roll cage with integrally designed 5" 18 gauge (ga.) crash rail
- Full length 11 gauge galvanealed seat rail welded to the tube grid network for superior side impact protection
- Laminated exterior skins exceed joint strength (FMVSS 221) and roll over (FMVSS 220) requirements without unsightly fastener heads
- All exterior body skins are fabricated of corrosion resistant materials to provide maximum vehicle longevity
- Floor is constructed as an assembly of 11 gauge High Strength Low-Alloy Steel (HSLAS) with a yield strength of 50,000 psi and a tensile strength of 60,000 psi
- Floor structure is covered with a 24 gauge galvanized steel belly pan which in turn is covered by 3/4" plywood
- Expansive driver visibility with our curb side safety view window - 491 sq•
- All body wiring conforms to current SAE standards and is properly sized to carry the required current without significant voltage drop or overheating
- All body wiring is color-coded and numbered at approximately one inch intervals for easy identification
- All body wiring harnesses are double insulated: first by cross-linked polyethylene insulation (type GXL wire or type SGX cable) and second by 300° F rated convoluted loom
- Altoona Tested for 7 years/200,000 miles
- Ford QVM Certified Body Builder
- FMVSS 214 Side Impact Crash Tested
- The Quality Management System of Coach & Equipment Manufacturing Corporation meets the requirements of the international standard ISO 9001 (2008)



Make your next bus a Coach and Equipment bus—
they truly are engineered like no other.

Phoenix ML- Specifications

Chassis Standards

Ford E350
6.8L V-10 Gas Engine
138" Single Rear Wheel
Electronic 6-Speed O/D w/Tow Haul Transmission
Power Steering
Power Assisted Brakes
Four Wheel ABS
Heavy Duty Suspension Package Auxiliary Transmission Cooler
Heavy Duty 155 AMP Alternator
40 Gallon Fuel Tank
Dual 650cca Batteries
Radial Tires
White Painted Wheels
OEM Chassis Air conditioning
Chrome Front Bumper
Interval Windshield Wipers
Halogen Headlights
Driver's Side Air Bags
Tilt Steering Wheel
Ford OEM High back Drive Seat w/Arm Rest and Lumbar Support

Chassis Options & Modifications

225 AMP Alternator
AM/FM/CD Radio
Daytime Running Lights (DRL)
6 Way Power Pedestal
Spare Tire & Wheel
Electromagnetic Brake Retarder

6.2L V-8 Gas Engine
Rear Tow Hooks
VTM Hybrid Drive System
Alternative Fuel Packages
Four Wheel Drive
Rear Suspension Systems

Body Standards

Altoona Tested 7 Year 200,000 Miles
QVM Certified
Meet or exceeds all applicable FMVSS
76" Interior Head Room
75" Interior Width
OAL 249.36"
Unitized Galvanized Steel Cage Body Structure
Integral 8"-18 Gauge Crash Rail
Laminated Metal Composite Body Panels
Curb Side Safety View Window-491 sq." FR
FR Polystyrene Insulation (R7)
Vandal Resistant Glass board Interior Walls
11 Gauge "Z" Formed Floor Cross members
Transit Grade Floor Rubber/Ribbed Rubber Aisle
Exterior Grade 3/4" Plywood Sub floor
Metal Sub floor Plywood Barrier
Fully Undercoated
Driver & Entrance Modesty Panels Function and Color Coded Electrical Wiring
Manual Entrance Door 30"x79" c.o.

Rear Emergency Window 34" x 57"
Transit Style Double Leaf Door "out-out"
Double Slider Windows Tinted "T" Top
Double Slider Windows -
24"x 30"
Sealed Beam Exterior Stop/Turn/Parking Lights
Interior Dome Lights
Armored Roof Lights
Exterior swing away manual mirrors
Wraparound rear Black power coated steel bumper

Body Options

Energy Absorbing Bumpers
Backup Cameras
Surveillance Cameras
Overhead Parcel Racks
Rear Luggage Racks
ADA Lift Paratransit Packages
Front & Side Destination Signs
Electric Passenger Doors
Flat Floor Without Wheel Wells
Choice of Air Conditioning Systems Under Seat Heat Options
Choice of Seating
LED Exterior Lights
Choice of Paint Color
Custom Exterior Graphics
Public Address System
Exterior Mirror-Heated and Remote Transit Package (Fare box, Stop Request) Other Options Upon Request



Setting the standard for quality, value and safety

A pioneer and leader in the small bus industry since 1948, Coach and Equipment has long set the standard for quality, value and safety. Coach buses are ideal for public and private group transit, and are manufactured and finished to fit your unique specifications.

Coach and Equipment prides itself on ingenuity, a commitment to continuous improvements, and unmatched service and customer support. Plus, every Coach bus is backed by some of the industry's best warranties.

Coach & Equipment

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