

BLUE BIRD VISION®



Technical Specification Highlights

| | | | |
|--------------------------|---|---------------------|--|
| CAPACITY | Multiple floor plans available with passenger seating up to 78 students or 52 adults | REAR DOOR | 37" wide x 52" high |
| EXTERIOR WIDTH | 96" | TRANSMISSION | Allison® 2500 PTS - 5 speed automatic |
| INTERIOR WIDTH | 90 3/4" | ENGINE | Cummins® ISB 6.7-'13, 200-260hp |
| AISLE WIDTH | Varies by floor plan | TIRE SIZE | 11R22.5 (G) all-position radials |
| SKIRT LENGTH | 16 1/4" | ALTERNATOR | 240-amp, 12 volts |
| INTERIOR HEADROOM | 77" | BRAKES | 4-wheel hydraulic disc brakes with 4-channel anti-lock brake system |
| OVERALL HEIGHT | 122" - 128" | SUSPENSION | Soft ride front leaf spring suspension (rating varies by capacity); Two-stage steel leaf rear spring suspension system (rating varies by capacity) |
| WHEELBASE | 169" / 189" / 217" / 238" / 252" / 273" / 280" | STEERING | Tilting & telescoping steering |
| OVERHANG | 45" front overhang with standard steel bumper Rear overhang varies by body length/ wheelbase | FRONT AXLE | Front axle (rating varies by capacity) |
| FUEL TANK | 60-gallon between the frame rails in rear overhang | REAR AXLE | Rear axle with hypoid, single reduction gears with broad range of ratios available to optimize powertrain performance (rating varies by capacity) |
| ENTRANCE DOOR | 27" wide x 78" high / double manual operated, outward opening | WHEEL CUT | 50° |
| | | GVWR | Up to 33,000 lbs. |

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BLUE BIRD VISION® SPECIFICATIONS



Chassis

- Type C design
- Cummins® ISB 6.7 - '13 diesel engine
- 15-gallon diesel exhaust fluid reservoir
- Engine fan clutch
- Exhaust tailpipe routed to left side before rear wheels (depending on chassis wheelbase)
- Automatic Transmission
- Driveline guard at each shaft section
- Six (6) all-position radial tires
- Six (6) 22.5in. disc, hub-piloted steel wheels
- Front axle (rating varies by capacity)
- Soft ride front leaf spring suspension (rating varies by capacity)
- Rear axle with hypoid (rating varies by capacity), single reduction gears with broad range of ratios to optimize powertrain performance
- Two-stage steel leaf rear spring suspension system (rating varies by capacity)
- 4-wheel hydraulic disc brake system
- 4-channel anti-lock brake system
- 50,000 PSI C-channel steel frame rails
- Diesel fuel tank located between frame rails in rear overhang
- Large, easy to read instrumentation panel with Drivers Information Display (DID)
- 240-amp alternator, 12 volts
- Group-31 batteries secured to slide-out tray in compartment
- Chassis multiplex wiring



Durability

- Entire underbody (body skirt and floor) is undercoated before mounting on chassis
- Exterior surfaces are finished with heat-cured, ultra durable urethane paint for gloss and color retention
- Interior surfaces are finished with high-quality paint

Strength

- 50,000 PSI C-channel steel frame rails
- Steel front bumper
- Steel rear bumper
- Blue Bird's legendary unitized construction creates a "mighty safety cage" around the passenger compartment
- Steel exterior body side rub rails applied at bottom of window, seat cushion, above floor level and at bottom of skirt

Safety

- Superior driver visibility
- Superior maneuverability achieved by optimized steering component geometry
- 4-wheel hydraulic disc brake system
- 4-channel anti-lock brake system
- Diesel fuel tank located between frame rails in rear overhang
- Blue Bird's legendary unitized construction creates a "mighty safety cage" around the passenger compartment
- Steel exterior body side rub rails applied at bottom of window, seat cushion, above floor level and at bottom of skirt
- Rearview mirrors, split design flat and convex
- Electric intermittent single switch windshield wipers

Serviceability

- Easy hood opening with retainer
- Halogen headlights, high/low beam
- Easy access to front headlights
- Easy access to fluids
- Chassis warning indicator lamps
- Body wiring circuits accessible through exterior electrical compartment
- Fused electrical circuit protection throughout body and chassis
- Wiring is color coded throughout harness for easy circuit identification

Comfort & Convenience

- Soft ride front leaf spring suspension (rating varies by capacity)
- Tilting & telescoping steering column
- Large, easy to read instrumentation panel with Drivers Information Display (DID)
- Entrance door, manually operated, outward opening with upper and lower glass
- Windshield, tinted laminated glass
- Split-sash passenger windows with easily servicable lockrail latch
- Ergonomically designed driver's cockpit with switches and controls placed for drivers from 5th percentile female to 95th percentile male
- Driver's seat with fore/aft and up/down adjustments
- 3-point lap & shoulder belt with vertical adjustment
- 90,000 btu/hr front heater and defroster
- Backlit, easy to reach switch panel with rocker switches
- Dome lights in passenger compartment

Optional Features

- Diesel engine horsepower choices
- Rear air ride suspension
- 4-wheel air drum brake system
- 100-gallon diesel fuel tank
- Wheelchair lift door and power lift
- Wheelchair securement option for special-needs passengers
- Extended service coverage
- Lease/Purchase services
- Engine block heater
- Exhaust tailpipe routing option
- Tire size, load range, and tread design
- Stainless steel wheel inserts
- Aluminum wheels
- Front steel leaf spring suspension ratings
- Rear axle ratios
- Front air ride suspension

Dimensions

| | | |
|------------------------------|--|---|
| Headroom | 77" | |
| Width Exterior | 96" | |
| Width Interior | 90 3/4" | |
| Skirt Length | 16 1/4" | |
| Overall Length | 309" - 499" | |
| Overall Height | 122" - 128" excluding options | |
| Wheelbase/Passenger Capacity | CHILDREN 169" = 36 189" = 48 217" = 54 238" = 60 252" = 66 273" = 72/77 280" = 78 | ADULTS 169" = 20/24 189" = 28/32 217" = 32/36 238" = 36/40 252" = 40/44 273" = 44/52 280" = 52 |

Specifications shown were in effect on the date they were approved for printing. In keeping with its policy of continual product improvement, Blue Bird reserves the right to change specifications without notice and without incurring obligations. Some equipment and features shown may be optional- your Blue Bird Dealer will explain. AM-VIS-CU-1212 © 2012 Blue Bird Corporation

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