

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 EURO 3 183HP,516LB-FT.
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 air drum brake system 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.

BLUE BIRD VISION® SPECIFICATIONS



Chassis

- Type C design
- Cummins® EURO3,DSL,183HP,516LB-FT. EXPORT
- Optional 242HP engine available
- 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 air drum 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 air drum 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 serviceable 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 hydraulic disc 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