

BLUE BIRD PROPANE-POWERED VISION®



Technical Specification Highlights

CAPACITY	Multiple floor plans available with passenger seating up to 77	ENGINE	GM® 8.1L with CleanFUEL USA's LPI™ (Liquid Propane Injection) System
EXTERIOR WIDTH	96"	HORSEPOWER	325 hp @ 4000 RPM
INTERIOR WIDTH	90 3/4"	TORQUE	450 lb. ft @ 2800 RPM
AISLE WIDTH	Varies by floor plan	TIRE SIZE	11R22.5 (G)
SKIRT LENGTH	16 1/4"	ALTERNATOR	200-amp
INTERIOR HEADROOM	74" standard; 77" optional	BRAKES	Hydraulic disc brakes with 4-wheel anti-lock brakes
OVERALL HEIGHT	120" - 123"	SUSPENSION	Front - 8,000 - 10,000 lbs. springs Rear - 17,000 - 21,000 lb. 2-stage leaf springs (rating varies by wheelbase)
WHEELBASE	189" / 217" / 238" / 252" / 273"	STEERING	Tilting/telescoping steering
FUEL TANK	ASME certified steel fuel tank located between frame rails in rear overhang	FRONT AXLE	12,000 lb.
ENTRANCE DOOR	27" wide x 78" high / double "full view" outward opening	REAR AXLE	21,000 lb. with 5.29 ratio
REAR DOOR	37.7" wide x 52.5" high	WHEEL CUT	50°
TRANSMISSION	Allison® 2300 PTS	GVWR	Up to 31,000 lb.

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BLUE BIRD PROPANE-POWERED VISION® SPECIFICATIONS



Chassis

- 50,000 psi steel frame rails 10 1/8" high x 3" flanges x 5/16" thick
- GM® 8.1L with LPI™ (Liquid Propane Injection) System; Horsepower: 325 hp @ 4000 RPM; Torque: 450 lb. ft @ 2800 RPM
- Allison® automatic transmission, 2300 PTS
- Synthetic transmission fluid
- ASME Certified steel fuel tank between frame rails in rear overhang
- 200-amp alternator
- 11R22.5 (G) tires
- Large, easy to read gauges
- 12,000 lb. front axle with 8,000 lb. parabolic spring suspension
- 21,000 lb. rear axle with a two-stage rear suspension system (rating varies by wheelbase); 5.29 ratio
- Rubber coolant hoses
- Hydraulic brake system
- Anti-lock brakes
- 15" steel front bumper
- Tilting/telescoping steering column
- Group-31 batteries
- "Huck Spin" fasteners on all permanent frame fixtures

Durability

- All parts are pre-primed or thoroughly rust-proofed after fabrication and before assembly
- Entire underbody (body skirt and floor) is undercoated before mounting on chassis
- Exterior surfaces are painted with heat-cured polyurethane
- Interior surfaces are painted with high-quality, hot-sprayed, baked-on enamel
- 1/8" Smooth black rubber flooring, 3/16" ribbed rubber aisle
- Heater hose
- Rubber cooling hoses
- Synthetic transmission fluid
- 11R22.5 (G) tires
- Long life driveline
- Rubber molded wheelhouse
- 12,000 lb. front axle with 8,000 lb. parabolic spring suspension
- 21,000 lb. rear axle with a two-stage rear suspension system (rating varies by wheelbase); 5.29 ratio
- Rear exhaust under bumper
- "Huck Spin" frame fasteners

Strength

- 14-gauge steel, hat shaped posts and roof bows
- Rigid 16-gauge steel roof longitudinal internal structural members
- 16-gauge, channeled interior steel window headers
- A massive 16-gauge continuous belt of interior steel armor above and below floor line
- Riveted and welded construction
- Four full-length, 16-gauge exterior side rub rails
- 20-gauge fluted exterior side panels
- 22-gauge interior galvalume side panels
- 14-gauge steel floor panels
- 50,000 psi steel chassis frame, 5/16" thick with permanent fixtures and attached with "Huck Spin" fasteners



Safety View Vision Panel



Ergonomic Driver's Area

Safety

- 4-wheel anti-lock brakes
- Single halogen headlights
- Driver's three-point seat belt with adjustable 7 1/2" pillar loop
- Outward-opening entrance door with 1,350 square-inch tempered safety glass
- "Safety View" vision panel with a wide angle Fresnel lens for view of loading/unloading zone
- Best driver's line of sight in the school bus industry for a Type C product
- 50-degree wheel cut reduces need for backing
- Flat and convex rearview mirrors
- Crossview mirrors
- Electric horn with high and low note
- Blue Bird's unitized construction of the passenger compartment
- 15" steel front bumper, 12" steel rear bumper
- Rear exhaust under bumper
- 8.25 x 22.5 Disc, hub-piloted steel wheels
- 11R22.5 (G) tires
- System complies with NFPA 58 Liquefied Petroleum Gas Code
- Meets CMVSS 301.1 Fuel System Integrity for Liquefied Petroleum Gas

Serviceability

- Chassis multiplex wiring
- Large work space under hood
- Easy hood assist
- Body wiring terminal is easily accessible through exterior electrical compartment
- Wiring is color coded and continuously numbered for easy identification
- Fused circuit protection
- Tempered glass, split-sash windows
- Grease fittings on emergency door hinges
- Easy-opening, outward opening entrance door; features long-lasting, oil-impregnated, bronze pivotal bearings
- Body wiring is encased in "easy to access" ABS molding above passenger windows
- Rear Exhaust under bumper

Comfort & Convenience

- 74" headroom at aisle, front to rear
- Split-sash, tempered windows
- Tinted windshield
- 90,000 btu front heater and defroster
- Full "panoramic" cockpit view
- Full-body insulation
- Acoustic headlining (Driver's section)

Driver Ergonomics

- "Best-in-class" driver visibility
- 50-degree wheel cut reduces need for backing
- Power steering with tilting/telescoping column
- Large, easy to read gauges
- Backlit, easy to reach switch panel with rocker switches
- Electric, intermittent, single switch windshield wipers
- Manual "glide-type" outward opening door
- 3-point seat belt with 7 1/2" vertical adjustment
- Fully adjustable driver's seat
- Improved vision in loading zone with "Safety View" window and large glass paneled door
- Wraparound dash

Optional Features

- Front and rear air ride suspension
- Electric, remote control and heated mirrors
- Laminated glass
- 77" headroom/12" split sash windows
- Dedicated door and wheelchair lifts, along with recessed wheelchair securements for special-needs passengers
- Underfloor luggage compartments with locking doors
- Tinted glass
- Mud flaps
- Vandal locks
- AM/FM/CD Radio with deluxe speakers
- Air brake system
- Electric door
- 10,000 lb. front springs
- Plywood subfloor

Dimensions

Headroom	74"
Width Exterior	96"
Width Interior	90 3/4"
Skirt Length	16 1/4"
Overall Length	289" - 471"
Overall Height	120" - 123" excluding options
Wheelbase/Passenger Capacity	189" = 48 217" = 54 238" = 60 252" = 66 273" = 72/77

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. SB-VIS-PP-0710 © 2010 Blue Bird Corporation

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