

BLUE BIRD PROPANE-POWERED VISION®



ROUSH
CLEANTECH

Technical Specification Highlights

CAPACITY	Multiple floor plans available with passenger seating up to 77	ENGINE	Ford® 6.8L with ROUSH CleanTech Liquid Propane Autogas Fuel System
EXTERIOR WIDTH	96"	HORSEPOWER	362 hp @ 4750 RPM
INTERIOR WIDTH	90 3/4"	TORQUE	457 lb. ft @ 3250 RPM
AISLE WIDTH	Varies by floor plan	TIRE SIZE	11R22.5 (G)
SKIRT LENGTH	16 1/4"	ALTERNATOR	240-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" / 280"	STEERING	Tilting/telescoping steering
FUEL TANK	67-gallon 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.
REAR DOOR	37.7" wide x 52.5" high	WHEEL CUT	50°
		GVWR	Up to 33,000 lb.

BLUE BIRD PROPANE-POWERED VISION® SPECIFICATIONS



Chassis

- 50,000 psi steel frame rails 10 1/2" high x 3" flanges x 1/4" thick
- Ford 6.8L engine with ROUSH CleanTech Liquid Propane Autogas Fuel System; Horsepower: 362 hp @ 4750 RPM; Torque: 457 lb. ft @ 3250 RPM
- 67-gallon ASME Certified steel fuel tank between frame rails in rear overhang
- 240-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)
- Rubber coolant hoses
- Hydraulic brake system
- Anti-lock brakes
- 15" steel front bumper
- Tilting/telescoping steering column
- Group-31 battery
- "Huck Spin" fasteners on all permanent frame fixtures

Durability

- All parts are pre-primed or thoroughly rust-proofed
- 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, hotsprayed, baked-on enamel
- 1/8" Smooth black flooring, 3/16" ribbed rubber aisle
- Heater hose
- Rubber cooling hoses
- Synthetic transmission fluid
- 11R22.5 (G) tires
- Molded wheelhouse covers
- 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
- Tailpipe routed to midmount
- "Huck Spin" frame fasteners
- Standard 5-year/100,000 mile limited warranty

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
- Three full-length, 16-gauge exterior side rub rails
- 20-gauge exterior side panels
- 22-gauge interior galvalume side panels
- 14-gauge steel floor panels
- 50,000 psi steel chassis frame, 1/4" thick with permanent fixtures and attached with "Huck Spin" fasteners



Best-In-Class Driver Visibility

12.1 Foot

Safety

- 4-wheel anti-lock brakes
- Single halogen headlights
- Driver's three-point seat belt
- Outward-opening entrance door with 1,350 square-inch tempered safety glass
- Best driver's line of sight in the school bus industry for a Type C product
- 50-degree wheel cut reduces need for backing
- Split head 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
- 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
- Dual electronically controlled fuel pumps

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
- Mid-mount exhaust tailpipe
- Engine design allows for easy access to perform routine maintenance

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



Ergonomic Driver's Area

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
- Fully adjustable driver's seat
- 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/PA Radio with deluxe speakers
- Air brake system
- Air or electric door
- 10,000 lb. front springs
- Plywood subfloor
- Many options available

Dimensions

Headroom	74"
Width Exterior	96"
Width Interior	90 3/4"
Skirt Length	16 1/4"
Overall Length	309" - 499"
Overall Height	120" - 123" excluding options
Wheelbase/Passenger Capacity	189" = 48 217" = 54 238" = 60 252" = 66 273" = 72/77 280" = 77

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