

ALL AMERICAN® FORWARD ENGINE



Technical Specification Highlights

CAPACITY	Multiple floor plans available with passenger seating up to 84	TRANSMISSION	Allison® 2500 PTS
EXTERIOR WIDTH	96"	ENGINE	Cummins® ISB-10, 200-280hp
INTERIOR WIDTH	90 3/4"	TIRE SIZE	11R22.5 (G)
AISLE WIDTH	Varies by floor plan	ALTERNATOR	240-amp
SKIRT LENGTH	19 3/4"	BRAKES	Meritor four-wheel hydraulic disc brakes with ABS
INTERIOR HEADROOM	78"	SUSPENSION	Front - 13,200 lb. 2-leaf parabolic springs; Rear - 17,000 - 21,000 lb. 2-stage leaf springs (rating varies by wheelbase)
OVERALL HEIGHT	120" - 123"	STEERING	Tilting/telescoping steering with 18.2 to 1 ratio
WHEELBASE	141" / 169" / 190" / 211" / 232"	FRONT AXLE	13,200 lb. capacity
STEP HEIGHT (F/R)	Varies by chassis components	REAR AXLE	21,000 lb. capacity
OVERHANG	Front: 94.48" with standard steel bumper Rear: varies on model sizes	WHEEL CUT	50°
FUEL TANK	60-gallon between the frame rails in rear overhang	GVWR	Up to 36,200 lb.
ENTRANCE DOOR	32" wide x 81" high/double electric outward opening		
REAR DOOR	43 3/4" wide x 62" high		

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ALL AMERICAN® FORWARD ENGINE SPECIFICATIONS



Chassis

- 50,000 psi steel frame rails 9 5/8" high x 3" flanges x 1/4" thick
- Cummins® ISB-10, 200-280 horsepower
- Allison® automatic transmission, 2500 PTS
- Long life 3 1/2" diameter driveline
- Synthetic transmission fluid
- 60-gal. fuel tank between frame rails in rear overhang
- 240-amp alternator
- 11R22.5 (G) tires
- Large, easy to read gauges
- 13,200 lb. front axle with 2-leaf parabolic spring suspension
- 17,000 lb. or 19,000 rear axle with 2-stage variable rate leaf spring suspension
- Hydraulic brake system
- Anti-lock brakes
- 12" steel front bumper and rear bumper
- Tilting/telescoping steering wheel
- 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 mount
- Exterior surfaces are painted with heat-cured polyurethane
- Interior surfaces are painted with high-quality, hot-sprayed, baked-on enamel
- Synthetic transmission fluid
- 11R22.5 (G) tires
- Long life driveline
- Rubber molded wheelhouse
- 13,200 lb. front axle with 2-leaf parabolic spring suspension
- 17,000 lb. or 19,000 rear axle with a two-stage variable rate leaf spring suspension
- Rubber molded wheelhouse
- "Huck-Spin" frame fasteners

Safety

- Improved visibility through 33% larger bonded windshield
- 4-wheel anti-lock brakes
- 14-gauge steel floor panels
- Larger and Lowered Driver's side window
- Larger electric outward opening entrance door
- Suspended brake and accelerator pedals with optimized spacing
- 12" steel front and rear bumper
- Single halogen headlights, combination high/low beam
- New engine hood with thicker insulation to decrease noise and heat
- Engine hood with marine texture, non-skid surface
- High back passenger seats
- New steering system allows up to 50° wheel cut
- New exterior mirrors to compliment design
- Daytime running lights

Strength

- 14-gauge high strength steel one piece body bow
- 16-gauge channeled interior steel window channels
- Riveted and welded construction
- Four full-length, 16 gauge exterior side rubrails
- 20-gauge exterior side panels
- 22-gauge interior galvalume side panels
- 14-gauge steel floor
- 50,000 psi steel chassis frame with permanent fixtures and attached with "Huck-Spin" fasteners

Serviceability

- Wiper motors mounted behind hinged panel for easy access
- Easy access to front headlights
- Dome lights and speakers integrated into wire molding
- Easy access to fluids
- 12" split-sash tempered windows
- All lights equipped with plug in connectors
- Body wiring terminal is easily accessible through exterior electrical compartment
- Wiring is color coded and continuously numbered for easy identification
- Fused circuit protection
- Outward opening electric entrance door; features long-lasting, oil-impregnated, bronze pivotal bearings
- Body wiring is encased in "easy to access" PVC molding above passenger windows
- Sliding battery box
- Left side exit exhaust

Comfort & Convenience

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

Driver Ergonomics

- Wrap around instrumentation with optimized controls layout
- Tilting/telescoping steering column with multiple settings
- Ignition switch relocated to steering column
- Engine hood made of marine texture non-skid surface
- Spacious driver's cockpit
- Pedals with optimized brake and accelerator spacing
- Backlit, easy to reach switch panel with rocker switches
- Windshield wiper switch mounted on turn signal lever
- 3-point seat belt with 7 1/2" vertical adjustment

Optional Features

- Allison® 3000 PTS Transmission
- Front and rear air ride suspension
- Electric, remote control and heated mirrors
- Laminated glass
- ADA 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
- 100-gallon fuel tank
- Air brake system
- Adjustable Pedals

Dimensions

Headroom	78"
Width Exterior	96"
Width Interior	90 3/4"
Skirt Length	19 3/4"
Overall Length	354" - 487"
Overall Height	124" excluding options
Wheelbase/Passenger Capacity	141" = 54 169" = 60 190" = 72 211" = 72/78 232" = 84/90

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-AAFE-0710 © 2010 Blue Bird Corporation

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