

# All American Rear Engine



## Technical Specification Highlights

<b>Capacity</b>	<i>Multiple floor plans available with passenger seating up to 90</i>	<b>Rear Window</b>	<i>55" wide x 22" high</i>
<b>Exterior Width</b>	<i>96"</i>	<b>Transmission</b>	<i>Allison® PTS 2500</i>
<b>Interior Width</b>	<i>90 3/4"</i>	<b>Engine</b>	<i>Cummins ISC-07 260 hp Cummins ISB-07 200 hp</i>
<b>Aisle Width</b>	<i>Varies by floor plan</i>	<b>Tire Size</b>	<i>11R22.5(H)</i>
<b>Skirt Length</b>	<i>19 3/4"</i>	<b>Alternator</b>	<i>200 amp</i>
<b>Interior Headroom</b>	<i>74" standard; 77" optional</i>	<b>Brakes</b>	<i>Air brakes with 4-wheel anti-lock brakes</i>
<b>Overall Height</b>	<i>124" - 127"</i>	<b>Suspension</b>	<i>Front - 13,200 lb. 2-leaf parabolic springs Rear - 19,000 - 23,000 lb. 2-stage leaf springs (rating varies by wheelbase)</i>
<b>Wheelbase</b>	<i>189" / 217" / 245" / 273"</i>	<b>Steering</b>	<i>TAS 65</i>
<b>Step Height (f/r)</b>	<i>Varies</i>	<b>Front Axle</b>	<i>14,600 lb.</i>
<b>Overhang</b>	<i>Front: 85" Rear: 120"</i>	<b>Rear Axle</b>	<i>23,000 lb.</i>
<b>Fuel Tank</b>	<i>60-gallon between the frame rails</i>	<b>Wheel Cut</b>	<i>45°</i>
<b>Entrance Door</b>	<i>30" wide x 78" high / double "full view" outward opening</i>	<b>GVWR</b>	<i>Up to 36,200 lb.</i>

Rely On...



BLUE BIRD

# All American Rear Engine Specifications



## CHASSIS

- 50,000 psi steel frame rails 9 5/8" high x 3" flanges x 1/4" thick
- Cummins® ISC-07 diesel engine; 260 horsepower
- Cummins® ISB-07 diesel engine; 200 horsepower
- Allison® automatic transmission, PTS 2500
- Synthetic transmission fluid
- 60 gal. fuel tank between frame rails
- 200 amp alternator
- 11R22.5(H) tires
- Large, easy to read gauges
- 14,600 lb. front axle with 13,200 lb. 2 leaf parabolic spring suspension
- 23,000 lb. rear axle with a two-stage, rear suspension system (rating varies by wheelbase)
- Black rubber coolant hoses with constant torque clamps
- Air brake system
- Anti-lock brakes
- 12" steel front bumper
- Tilt/telescoping steering wheel
- Three "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
- 1/2" grade plywood for insulation of the floor
- 1/8" Smooth black rubber flooring, 3/16" ribbed rubber aisle
- Black rubber cooling hoses with constant torque clamps
- Synthetic transmission fluid
- 11R22.5(H) tires
- Spicer "lubed for life" driveline
- Rubber molded wheelhouse
- 14,600 lb. front axle with 13,200 lb. 2 leaf parabolic spring suspension
- 23,000 lb. rear axle with a two-stage, rear suspension system (rating varies by wheelbase)
- Rear exit exhaust
- "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 with permanent fixtures and attached with "Huck Spin" fasteners

## SAFETY

- 4-wheel anti-lock brakes
- Dual halogen headlights
- Driver's three-point seat belt with adjustable 7 1/2" pillar loop
- "Full view" outward-opening entrance door with 1,350 square-inch tempered safety glass
- Unencumbered stepwell area
- 9" x 17" oval-shaped, flat and convex rearview mirrors
- 11" x 13" oval shape crossover mirrors with tinted band to reduce glare
- Electric horn with high and low note
- Blue Bird's unitized construction of the passenger compartment
- 12" steel front bumper, 12" steel rear bumper
- Rear exit exhaust
- 8.25 x 22.5 Disc, hub-piloted steel wheels
- 11R22.5(H) tires

## SERVICEABILITY

- Engine Compartment: top hinged, aluminum perforated door with gas assist cylinders; 80" wide x 34" high for easy access; remote engine start switch, starter button, compartment light switch, and oil pressure gauge
- Body wiring terminal is easily accessible through exterior electrical compartment
- Wiring is color coded and continuously numbered for easy identification
- Automatic resetting circuit breakers for body wiring
- 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 exit exhaust

## COMFORT & CONVENIENCE

- 74" headroom at aisle, front to rear
- Split-sash, tempered windows
- Shaded windshield
- 90,000 btu front heater and defroster
- Power accessory socket for cellular phones, CB radios, etc.
- 1/2" grade plywood for insulation of the floor
- Unencumbered stepwell area
- Full "panoramic" cockpit view
- Full body insulation
- Acoustic headlining (Driver's and 1st Sections)

## DRIVER ERGONOMICS

- Power steering with tilt/telescoping column
- Large, easy to read gauges
- Backlit, easy to reach switch panel with rocker switches
- Electric, intermittent single switch windshield wipers
- Wrap around dash with power door control and other convenient switches
- Manual "glide-type" outward opening door
- 3-point seat belt with 7 1/2" vertical adjustment
- National® fully adjustable driver's seat
- Cruise control

## OPTIONAL FEATURES

- Cummins® ISC-07 diesel engine 285-300 hp
- Cummins® ISB-07 diesel engine 215-275 hp
- Allison® PTS 3000 Transmission
- Hendrickson® 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
- 100 gallon fuel tank

## DIMENSIONS

Headroom	74"
Width Exterior	96"
Width Interior	90 3/4"
Skirt Length	19 3/4"
Overall Length	396" - 480"
Overall Height	124" - 127"
Wheelbase/Passenger Capacity	189" = 66 217" = 72 245" = 78 273" = 84/90

## Blue Bird Corporation

402 Blue Bird Blvd.  
P.O. Box 937  
Fort Valley, GA 31030  
1-800-486-7122  
www.blue-bird.com

Rely On...



BLUE BIRD

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 Distributor will explain.