

ALL AMERICAN® FORWARD ENGINE



Technical Specification Highlights

CAPACITY	Multiple floor plans available with passenger seating up to 89 students or 56 adults	ENGINE	Cummins® ISB 6.7-'13, 200-280hp
EXTERIOR WIDTH	96"	TIRE SIZE	11R22.5 (G) all-position radials
INTERIOR WIDTH	90 3/4"	ALTERNATOR	240-amp, 12 volts
AISLE WIDTH	Varies by floor plan	BRAKES	4-wheel hydraulic disc brakes with 4-channel antilock brake system
SKIRT LENGTH	19 3/4"	SUSPENSION	Soft ride front leaf spring suspension (rating varies by capacity) ; Two-stage steel leaf rear spring suspension system (rating varies by capacity)
INTERIOR HEADROOM	77"	STEERING	Tilting & telescoping steering column
OVERALL HEIGHT	122" - 128" depending on options	FRONT AXLE	Front axle (rating varies by capacity)
WHEELBASE	141" / 169" / 190" / 211" / 232"	REAR AXLE	Rear axle with hypoid, single reduction gears with broad range of ratios available to optimize powertrain performance (rating varies by capacity)
OVERHANG	Front: 95" with standard steel bumper Rear: varies by body length/wheelbase	WHEEL CUT	50°
FUEL TANK	60-gallon located between the frame rails in rear overhang	GVWR	Up to 36,200 lb.
ENTRANCE DOOR	32" wide x 79" high/double electric outward opening		
REAR DOOR	37" wide x 52" high		
TRANSMISSION	Allison® 2500 PTS - 5 speed automatic		

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ALL AMERICAN® FORWARD ENGINE SPECIFICATIONS



Chassis

- Type D - FE design
- Cummins® ISB 6.7 - '13 diesel engine
- 15-gallon diesel exhaust fluid reservoir
- 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 hydraulic disc 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

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

Safety

- Superior driver visibility
- Superior maneuverability achieved by optimized steering component geometry
- 4-wheel hydraulic 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
- Rearview mirrors, split design flat and convex
- Dome lights in passenger compartment
- Electric intermittent single switch windshield wipers

Serviceability

- Front grille tilts down for easy fluid checks and is removable without tools
- Engine hood with textured non-slip surface
- 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
- Wiper motors mounted behind hinged panels for easy access

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, electric operated, outward-opening with upper and lower glass
- Windshield, tinted laminated glass
- Split-sash passenger windows with easily servicable 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

Optional Features

- Diesel Engine Horsepower choices
- Rear air ride suspension
- 4-wheel air drum 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

Dimensions

Headroom	77"	
Width Exterior	96"	
Width Interior	90 3/4"	
Skirt Length	19 3/4"	
Overall Length	354" - 487"	
Overall Height	122"-128" depending on options	
Wheelbase/Passenger Capacity	CHILDREN	ADULTS
	141" = 66	141" = 40/44
	169" = 72	169" = 44/48
	190" = 78	190" = 48/52
	211" = 81	211" = 50/54
	232" = 84	232" = 52/56

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