

The Blue Bird Ultra LF™ Ultra Low Floor, Ultra Low Mass, Ultra Value



The future of low floor has arrived. After years of engineering and testing, a true American bus manufacturer has designed the ultimate low floor/low mass bus. The Ultra LF combines the proven performance and reliability of European styling, with the desired features demanded by the North American market. The result is a low floor bus that surpasses all others in terms of overall value.

ULTRA LOW FLOOR

The Ultra LF is a true low floor bus, designed specifically for the transit and shuttle markets. The 10-inch floor height in the kneeled position allows passengers to enter the bus quickly, conveniently and safely. In fact, every detail of the Ultra LF has been designed with safety and accessibility in mind.

ULTRA LOW MASS

Thanks to an innovative, fully integrated design that utilizes aluminum construction, the Ultra LF weighs significantly less than

other low floor buses. That means you'll be able to run a lesser displacement engine and still maintain optimal performance at a lower cost. And the reduced weight won't compromise strength or durability either. The integral construction and heavy-duty, purpose built design are made to last.

ULTRA VALUE

Not only is it one of the most competitively priced low floor vehicles, the Ultra LF actually saves you money over time. The smaller engine will reduce fuel costs dramatically. And the reliable construction — from the wheels to the roof — translates to lower costs on maintenance and service. Think about it: a low initial cost, plus added savings over time. That's truly an ultra value.

ADA access

Ricon front door power ramp ensures quick, safe ingress and egress of passengers. System is fully compliant with ADA regulations.

**Comfortable climate**

Efficient, heavy-duty Carrier A/C 313 climate control system combines heating and cooling functions to optimize passenger comfort.



Performance is the lowest common denominator.

The Ultra LF is a revolutionary low floor bus that surpasses anything that has come before. Offered in two lengths (35' and under 30') at an ultra wide width (102"), it's been engineered from the road up — with features and options other low floor buses simply can't touch. And with Blue Bird's proven service record that dates back 75 years, you can rely on convenient, knowledgeable support for the life of the vehicle.

ENGINE & CONSTRUCTION

Low mass design allows for a lesser displacement Cummins engine that maintains desired performance and reduces fuel costs (available in diesel and alternative fuel)

Meritor double wishbone independent front suspension delivers superior maneuverability — air bag suspended and rubber mounted to isolate vibration

Integrated, heavy-duty construction that's Altoona designed for 12 years and 500,000 miles



10,000 lb. independent front suspension incorporating rolling diaphragm air springs, two telescopic shock absorbers and two leveling valves

21,000 lb. Meritor rear axle with rolling diaphragm air spring suspension, lateral track control, two telescopic shock absorbers and a single leveling valve

Turbo-charged, electronically controlled Cummins ISB-02 200-230 hp diesel engine (optional 230 hp CNG)

Allison LCT 2000 Series automatic transmission; optional Allison World Transmission B300(R)

Meritor RS21-145 single reduction drive axle with Meritor DX195 air disc brakes

Side-by-side cooling pack incorporating engine cooling radiator, air change cooling radiator and hydraulic oil cooling

60-gallon diesel tank fitted to RHS rear of chassis with RHS fill behind rear axle

**Stopping power**

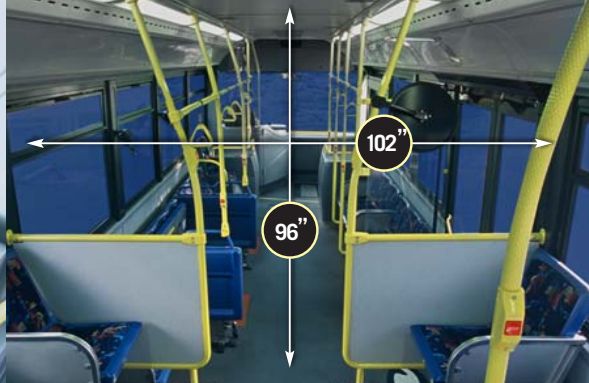
Meritor all-wheel disc brakes provide reliable stopping ability and are maintenance friendly.

Ergonomic driver area

Designed to meet SAE standards for driver accessibility and comfort. A driver door is available to expedite passenger flow.

Comfortable, efficient, safe

The 102" width and 96" interior height in the main salon area ensure added passenger space and ease of flow. The 10" step (in the kneeled position) allows for passenger safety and convenience upon entering and exiting.



Standard & Optional Features

Multiplexed electrical system, I/O controls

Durable Melamine interior with optional cloth soft sidewalls and ceilings

35" outward opening entrance door (with optional Ricon power ramp); optional 35" and 42" center exit door

Carrier heavy-duty A/C 313 roof mount air conditioning system with dash air conditioning standard

Comfortable, ergonomically designed driver area featuring 32-panel indicator light panel, adjustable air-suspension seat, tilt and telescoping steering wheel and curved windshield for panoramic view

Large transit grade solid glass windows with optional Transom full slider, insulated windows

ADA entrance hand rails and optional standee rails

Taking low floor to new heights.

The Ultra LF is everything a low floor bus is meant to be...and then some. Years of innovation and engineering design have gone into the making of a bus that is unparalleled in the low floor market. When you consider the performance, reliability, and overall value the Ultra LF has to offer, you'll realize that Blue Bird has, indeed, taken low floor to new heights.

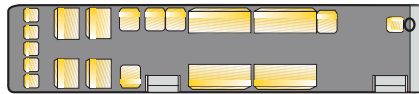
The Blue Bird
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AMERICAN QUALITY MEETS EUROPEAN DESIGN

The Ultra LF combines the best of both worlds: quality, all-American construction with the proven innovations of European design. Blue Bird's parent company — Henlys Group plc — spent more than a dozen years researching, developing and testing the latest advancements in low floor engineering. Incorporating that technology, Blue Bird also added the desired North American operator specifications to create a bus that is unique in the market.



Seating Capacity	Multiple floor plans available from 19-35 passengers
Length	Under 30' and 35'
Width	102"
Height	122" (132" CNG)
Wheelbase	Varies by model (157"/222")
Step Height	10" in kneeled position
Overhang (f/r)	89.5"/112"
Interior Headroom	96" Main seating area; 76" in rear area
Aisle Width	Varies by floor plan
Front Door Width	35"
Turning Radius	Varies by model
Tire Size	265/70R 19.5
Engine	Cummins ISB-02 (Diesel hp ratings from 200-230); Optional alternative fuel
Fuel Tank	60-gallon with right side fill (Emco Wheaton fuel fill option available)
Transmission	Allison LCT 2000 Series; Optional B300(R)
Suspension	Rear — Trailing arm 2-bag air ride Front — 10,000 lbs. independent, 2-bag air ride
Steering	TAS 65
Axles	Meritor
Brakes	Meritor all wheel disc
GVWR (lbs.)	30'- 26,455 lbs. / 35'- 28,660 lbs. (2000 Series / Transmission limited application)
Air Conditioning	Carrier A/C 313; Optional A/C 136 (CNG only)
Wheelchair Lift Option	Ricon Power Ramp
Kneeling Option	Yes



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