

# RTS

*Legend*



*millennium*  
Transit Services, LLC

# millennium

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## Introducing the new **RTS** . . . A new approach to a proven design.

In 2006, the first Millennium RTS Legend was put into revenue service. Since service entry, our buses have accumulated thousands of miles, on routes from several different operators across the country. To date, every MTS bus in service is exceeding the expectations of their respective owners. The RTS Legend will continue to be available in Transit, Semi-Suburban, and Suburban configurations. Classic narrow front door and wide front door configurations will continue to be offered as well. ADA compliant wheel chair lifts are available for both front and rear door locations. Initial power train options will include an EPA 2010 compliant Cummins power plant, with options of either an Allison B400R or ZF Ecolife transmission. We are evaluating the addition of the Voith DIWA models.

The complete line of Legend Transit coaches retains the operator productivity features established by the original RTS design. With seating of up to 49 passengers, you can be assured that your customer needs are met. The basic structural design of the RTS remains the most important feature of the coach. This corrosion resistant structure has been proven to be the most durable for more than 30 years. The Engineers at MTS have successfully built a reliable bus that continues the proud, rich heritage of the RTS. This structural design allows continuation of the proven RTS tradition of efficient performance, while delivering low operating costs, class leading long-term life cycles, and cost effective fleet operation.

Your Millennium representative will be sure to keep you up to date on all the latest news out of Roswell.

Would you like reviews of the MTS Legend straight from the operators themselves? Ask about our Product Reference list today!



## Condensed Specifications & Options

**Length & Passenger Capacity**

30' Long, Up to 28 Passengers; 32<sup>1/2</sup>' Long, Up to 32 Passengers; 35' Long, Up to 35 Passengers; 37<sup>1/2</sup>' Long, Up to 39 Passengers;  
40' Long, Up to 43 Passengers

**Body Structure**

Stainless steel modules welded together to provide a unitized structure. Upper rear module is fiberglass reinforced acrylic.

**Understructure**

All suspension framing is high strength steel. Rear suspension framing, front suspension and understructure are welded beams.

**Doors, Front**

Two-section Plug-type door combining contemporary appearance. Optional Slide-Glide door available.

**Doors, Rear**

The rear door can be specified in Pantograph Plug-type or Swing Out-type.

**Side Windows**

¼" thick laminated glass, acrylic or lexan glazing available. Charcoal mist tint standard. Contoured to bus body.

**Emergency Exit/Roof Hatch**

Dual Purpose Safety Vent Icombination roof ventilator/emergency exit that provides 5-position fresh air ventilation and a simple release handle that allows the hatch to hinge open for emergency exit.

**Interior Lighting**

Choose from either the DINEX Lighting System, Hadley L20 Lighting System or Pretoria Interior LED Lighting System. Optional Pretoria Suburban Overhead Parcel Rack & Hadley Overhead Parcel Systems available.

**Engine**

**Diesel:** Cummins EPA 10 ISL9 rated @ 280HP

**CNG:** Cummins Westport EPA 10 ISL G rated @ 280HP

**Transmission**

**Standard:** Allison B-400R Gen IV 5-Speed Automatic

**Optional:** ZF ECOMAT-4 HP-594C 5-Speed Automatic

ZF ECOLIFE 6AP1200B 6-Speed Automatic

Voith DIWA D864.3E 4-Speed Automatic (Under Review)

**Alternative Power Options (Under Review)**

**Diesel Hybrid:** BAE Systems HybriDrive  
Allison H 40 EP™ Hybrid Drive  
Bluways Diesel Hybrid System

**Gasoline Hybrid:** Bluways Series Gasoline Hybrid-Electric (GHE) Drive System

**CNG Hybrid:** Bluways Next-Generation CNG Hybrid System

**Fuel Cell:** Bluways GHE System

**Starter Motor**

Delco Remy 42MT™ Heavy Duty Starter, 12 or 24 Volts, Rotatable drive housing, positive engagement, rubber shock absorber, Optional Jump Start Protection shield and solenoid cap available to meet SAE J1493 recommendations, Optional Over Crank Protection prevents over cranking thermal damage, circuit breaker automatically resets after cooling.

**Cooling System**

High mount radiator, Charge Air System with Electric cooling fans.

**Axles**

Arvin Meritor Standard. M\*A\*N & ZF Options Under Review

**All-Weather Climate Control**

Thermo King ATHENIA™ 1100-Series Roof Mounted System. Optional MCC EcoTravel 32 Available. Suttrak Options are Under Review.

**The following items are customizable by customer:**

Destination Signs, Floor Covering, Operator Seat, Passenger Seats, Mirrors, Stanchions & Grab Rails and Wheelchair Lifts & Ramps

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RAILROAD CROSSINGS



[transport.tamu.edu](http://transport.tamu.edu)

