



US Railcar, LLC

A new modern Passenger Train...



US Railcar proudly introduces its new DMU... Formerly manufactured by Colorado Railcar, this new modern self-propelled passenger train is fully FRA compliant and ready for immediate revenue service on all regional and intercity rail lines across North America. Its sleek modern design will attract new riders, improve regional mobility and save millions of dollars in operating & maintenance costs over its lifetime. Its modern energy efficient drive train uses less fuel, is greener, and available in both single- and bi-level platforms that are fully ADA compliant.

Diesel Multiple Unit

What is a DMU?

A Self-Propelled Passenger Railcar for Commuter Rail or Intercity Rail Service

DMU = Diesel Multiple Unit

— A diesel self-propelled railcar, which can be run in multiple combinations of unpowered coaches and powered cars



The DMU contains **propulsion engines** and **passenger seating** in one railcar, unlike a locomotive hauling coaches

A single US Railcar DMU can also **pull un-powered coaches...**

FRA Tier 1 Compliant

World's Only 49 CFR Part 238 Compliant DMU

No Waivers and No Time Separation Needed

Meets or exceeds new FRA and APTA structural safety specifications for:

- 800,000 Pound Compressive End Load Strength
- 300,000 Pound Cab Corner Post Strength
- 500,000 Pound Cab Collision Post Strength
- 100,000 Pound Cab Anti-Climbing Mechanism
- Side Structure Impact Strength
- Roof Structure Rollover Strength



On February 26, 2002, the single level DMU was tested and shown to be the only self-propelled commuter railcar to meet the FRA's newest 49 CFR Part 238 structural requirement.



The double deck DMU structure also meets the FRA's newest 49 CFR Part 238 structural requirements.

Energy Efficient, Clean & Green...

Clean and Quiet DMU PAYS FOR ITSELF

- 72% less pollution** than a locomotive
- 75% less noise** than a locomotive
- ✓ Saves millions in operating costs
- ✓ Saves millions in infrastructure costs

PLUS Complies with 49 CFR Part 238
• No waivers necessary

SAVE \$1 per boarded passenger
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DMU Demonstration Project

South Florida Regional Transportation Authority (SFRTA)
Double Deck DMU and Double Deck Coach, for the DMU
Demonstration Project, jointly funded by FRA and Florida DOT.

Regional & Intercity Interior Design



US Railcar



- ✓ It saves millions of dollars in operating costs over its lifetime



- ✓ It saves millions in infrastructure costs



smaller yards, shorter platforms and less complex maintenance facilities

- ✓ ROI in 3 to 5 years



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