



TIG/m, LLC
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TIG/M, LLC IS PLEASED TO OFFER FOR SALE:

A custom hand-crafted double-deck street railway car (Trolley).



This unique masterpiece of modern technology and old-world craftsmanship is one of two vehicles of *this coachwork design* currently in production by TIG/m Modern Street Railways. It runs on standard gauge track and operates without the need for continuous external electrification (overhead trolley lines) by taking advantage of our proprietary electro-mechanical systems designs. In this case the streetcar is configured as a plug-in serial-hybrid vehicle. It carries on-board, two 330 volt battery banks with a built-in charging system and can be charged by plug-in when at rest; and by regenerative braking, and an on-board motor-generator while the vehicle is in operation.

Running gear consists of completely reconditioned Clark B-2 PCC bogies which have been upgraded using the latest technology AC brushless motors and motor controllers. All vehicle electrical systems are controlled and monitored by PLC via a CAN BUS. Three braking systems insure positive stopping power under any conditions; dynamic regenerative motor braking, air actuated fail-safe shaft mounted drum brakes, and electro-magnet track brakes powered by a dedicated battery set.



Vehicle shown is the “sister” of the vehicle being offered. It is being readied for delivery to a client and is shown before flooring installation and final pin-striping application.



The coachwork is a unique heritage style drawing on several historic car types. The lower deck is based on the classic open-car cross-bench style with seven benches and two-tiered oak running boards running the length of the vehicle. Two spiral staircases lead from the conductor's vestibules up to a second deck which features two outfacing back-to-back longitudinal benches running the length of the car between the stairs, and two curved "bow benches" facing forward at each end. All of the benches are made of solid white oak,

of the highest workmanship, and are constructed using doweling and mortise-and-tenon joinery. Solid cast manganese-bronze detailing is found throughout the vehicle. Some of these parts are cast using impressions taken directly from the original J. G. Brill trolley components.

The vehicle chassis, electro-mechanical systems, running gear, and all of the coachwork components are completed and have been factory installed and tested. The vehicle is ready for you to choose your preferred color, pin-striping, and logo program. It will then be factory inspected by you for your final approval before delivery to your site.

Should you need any assistance with your rail systems; TIG/m offers civil design and engineering, as well as design and procurement of rail system components. Although we are not a construction company we do offer construction administration of any site-work you may require to accommodate your TIG/m Trolley.



If you are interested to learn more about this vehicle, specifications are available upon request. We encourage you to visit our website at <http://www.modernstreetrailways.com> and we would love to have you visit our factory to see how these rolling works of art are manufactured.

Please feel free to call us at:
(818) 709-8500

Thank you for your interest in TIG/m,

A handwritten signature in black ink that reads "Brad Read". The signature is written in a cursive style with a large, stylized "B" and "R".

Brad Read
President
TIG/m Modern Street Railways