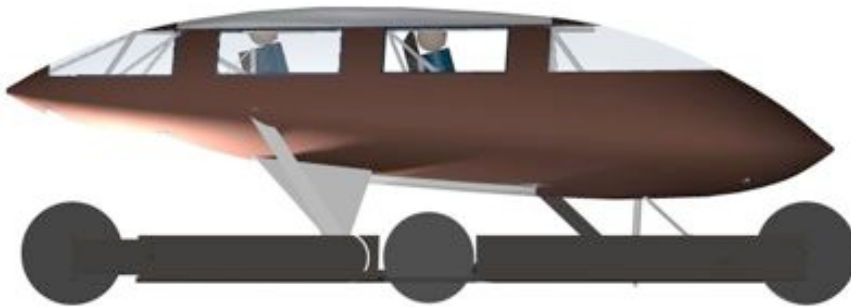


Miastrada Company: Miastrada

Short Description: 6-wheel, 2-seat (tandem) E-REV

Availability & Cost: "ASAP", \$12k



Background and Details

- Miastrada re-conceptualizes the automobile - separating the carriage and road-tracking components
- The carriage part is optimized for aerodynamic drag, and features tandem seating for two, with entry via lowering the floor to create a walkway up into the vehicle
- The road tracking components consist of the tracking part (which allows steering) and the control part, which supports the carriage and enables stabilization control ("roll stabilization" - so the vehicle won't tip over)
- The carriage is inspired by airships, such as the USS Akron ZRS-4, which have nearly optimal aerodynamics
- Several patents protect the design - US Patent 7338061
- Lack of doors enables uninterrupted side beams, enhancing safety in event of side impact
- Miastrada will compete in the Alternative Class of the AXP, and should be competitive against e.g. Aptera...
- References: [Miastrada AXP blurb](#) [Forum Posts](#) [ZRS-4](#) [US Patent 7338061](#)

Vehicle Stats

MPGe	349 MPGe (electricity) 109 MPGe (gasoline)
Weight	2400 lbs
L x W x H (ft)	19 x 4 x 6.2
HP	158 HP motor peak 16 HP diesel engine
0-60 MPH	?
Top Speed	100 MPH
Range	80 miles all electric diesel range extender
Battery Info	? kWh lead acid
Charge Time	2h (?V * ?A)
Motor	?, 158 HP peak
Engine	diesel 16 HP generator
Cd x Frontal Area	0.075 (!) x 16.6 ft^2