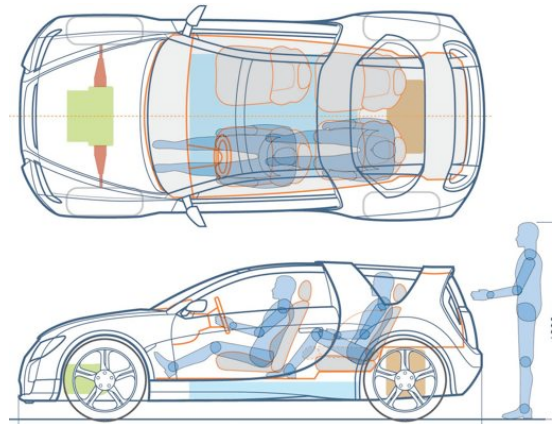


Motive Industries: BEHEV

Short Description: 2+2 seat series Battery Exchange HEV

Status & Cost: Design stage, \$?


Background and Details

- Motive Industries is based in Calgary, Alberta Canada, and it is a four year old design, engineering, prototyping and production firm
- Vehicle will have composite/aluminum/steel chassis
- Aluminum framework for battery box, which makes batteries easily swappable
- Will have a small range-extending generator, maybe an 800cc diesel or motorbike engine, or maybe a mini turbine
- A large electric motor drives the front wheels, while the generator is rear mounted
- They are committed to using ecologically sensitive materials and manufacturing methods; they call it Zero Impact Manufacturing (ZIM)
- President Nathan Armstrong worked on the Aptera as “Body Engineer”, responsible for the inside of the vehicle, as well as on many other concept/prototype vehicles
- References: [Motive Industries](#) [Ecogeek](#) [Jalopnik](#) [AutoblogGreen](#)

Vehicle Stats

MPGe	105
Weight	1800 lbs
L x W x H (ft)	13.5 x 6.1 x 4.7
HP	~175
0-60 MPH	?
Top Speed	?
Range	120 miles all-electric
Battery Info	? kWh li-ion ? lbs
Charge Time	?h (?V * ?A)
Motor	?
Engine	?HP ICE to generator
Cd x Frontal Area	? x ? ft ²