



A first of its kind transport system for passengers and freight

- Patented, time tested, zero energy magnetic suspensions for maximum payloads. Twice as strong, no motion or power needed to suspend carriages 24/7 a minimum 1" over tracks
- Commercially proven, highly efficient, friction – free, proprietary propulsion system designs use rotating permanent magnet arrays to move carriages



## Slash energy and emissions:

- 120 passengers—less than 1 kWh per mile
- 95% reduction over diesel buses
- All electric or hybrid-electric design
- Passive guideways and self contained vehicles with onboard power storage

## The Evolution of Transportation



The evolution of transportation began with the testing of full scale LEVX® transport carriages that possess unmatched operating efficiencies and point the way to energy independence. The evolution continues with simplified, fully engineered LEVX® system designs that minimize infrastructure requirements to support affordable and sustainable transport options.

## Record Breaking Efficiency

LEVX® carriages are the most energy efficient in the world, using less than 1 kWh per mile to transport payloads exceeding 30 tons.

LEVX® patented technology is scalable and versatile with its applications only limited by imagination. Created from simple proprietary components and modular pre-engineered guideways, LEVX® technology supports affordable and sustainable transportation options.

LEVX® technologies eliminate the need for

costly connections to local power grids with passive (non-electrified) guideways and fully self contained carriages.

LEVX® technologies include first of their kind magnetic suspensions that require no power or motion to function and next generation, friction free, propulsion and braking systems that provide smooth, comfortable and ultra soft acceleration, braking and transport at low or high speeds.



Magna Force, Inc.

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A new generation of  
zero energy  
magnetic levitation  
transportation  
technology

## Take Control

Magna Force, Inc. is in the business of developing and selling technologies with global impact. The company's developments have a history of lowering costs, reducing waste and slashing energy requirements to benefit the world in a variety of ways.

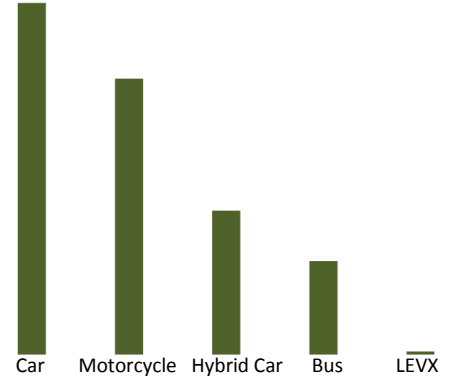
The LEVX® patent portfolio includes patents, patent applications and trademarks. The patents cover proprietary magnetic suspension configurations, propulsion modules, cornering enhancements and guidance devices. Magna Force is currently in the process of expanding and extending the proprietary portfolio through new and additional patent filings that will cover a series of improvements and additional system components.

The company developed the LEVX® [Patent Equity Plan](#) to support the global commercialization of the LEVX® technologies. The Plan provides a purchaser for each country the distinct advantage of acquiring exclusive control and ownership of the LEVX® technologies within a country or group of countries for maximum localized control of projects.

Review the LEVX® Patent Equity Plan on line at [www.levx.com](http://www.levx.com). Prices vary by country, so please review the [Country Price Sheet](#) as well. Then contact us to discuss your interests.

## Compared

Energy per Passenger Mile



The highly efficient, friction free LEVX® drive system combined with energy free magnetic levitation requires so little energy that it eliminates the requirement for a costly connection to the local power grid allowing LEVX® to be constructed in areas with little or no additional infrastructure.



## Intermodal Freight Demonstration



Construction of the first phase of a LEVX® container freight demonstration has been completed and the system is now under testing at Magna Force, Inc.'s facilities in Port Angeles, Washington, USA. Early tests show that over 30 tons of freight can be moved with less than 1 kWh per mile using all electric or hybrid-electric drive systems.

The LEVX® system has been designed to maximize freight transport efficiency and increase a port's capacity in annual TEU's per acre by moving containers away from the dock sooner. Utilizing a LEVX® container mover system at or near shipside will limit the need for container stacking in marine terminals and streamline the flow of containers directly to railroad yards, trans-loading centers, truck hubs or warehouse complexes.

Visit our website for more information: [www.levx.com](http://www.levx.com)