



Conserve



Create



Achieve

LEVX[®] transportation technologies provide simple building blocks for clean, sustainable mobility and economic growth.



Innovative Approach to Transportation

With magnetically suspended carriages, LEVX® moves heavy loads with a fraction of the energy required by today's transportation options. Using less energy, LEVX® conserves resources, lowers costs and pollutes less.

Custom Designs From Simple Building Blocks

LEVX® "building blocks" are suitable for a wide variety of uses including passenger, freight, intermodal or mining operations.

LEVX® transport systems will be designed, built and maintained with simplified engineering requirements, traditional construction techniques and ordinary mechanical skills. Low cost, mechanically simple parts are assembled using common materials, modular construction and no connection to local utilities. These cost saving measures provide a first step in creating economically sustainable transportation systems.



The Technology Behind LEVX®

Three fundamental advancements comprise the core of LEVX® technology. These include, energy-free magnetic suspension, passive, low cost guideway structures and commercially proven magnetic drives.



Moving Towards Energy Independence

LEVX® replaces heavy wheel and axle components with simple magnet to magnet repulsion that suspend carriages continuously over a passive light weight guideway. Energy-free suspension combined with efficient non-contact propulsion and braking systems slash the energy required to move heavy loads by over 80%.

Technology with a Global Reach

Designed to bring advanced transportation options to remote areas, LEVX® transportation systems can provide the first infrastructure needed to spawn further economic growth in under-developed regions.



About Magna Force, Inc.

Magna Force, Inc. was founded in May 1993 by Karl J. Lamb to coincide with the filing of his first patent applications. Magna Force has self-funded the development of all of our innovative technologies with each protected by an extensive worldwide patent portfolio. To date, Mr. Lamb has been granted over 230 patents in 51 countries establishing Magna Force as a global technology provider.



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