



MagLev Dynamics: Redefining the Future of Motion and Safety

A presentation by MagLev Dynamics on their innovative electromagnetic stabilization systems and their potential to transform industries like automotive, aerospace, and healthcare.

The Problem

- **Harsh impacts**

Humans experience harsh impacts across various sectors, leading to discomfort and potential injury.

- **Fatigue & injury from vibration**

Prolonged exposure to vibrations can cause fatigue and injuries, affecting productivity and well-being.

- **Outdated mechanical shock systems**

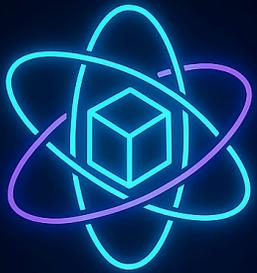
Current mechanical shock systems are outdated and unable to effectively dampen impacts and vibrations.

- **Static, non-adaptive seating & suspension**

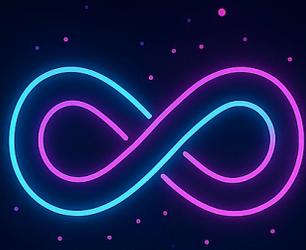
Rigid and static seating and suspension systems fail to provide adaptive support and comfort for users.

- **Limited protection for infants & pets**

Existing solutions offer limited protection for vulnerable populations like infants and pets during transportation and daily activities.



**INTELLIGENT
MOTION
CONTROL**



**ENERGY
TRANSFORMATION**



**HUMAN-
CENTERED
DESIGN**

MagLev Dynamics is at the forefront of redefining the future of motion, safety, and human experience. With its groundbreaking electromagnetic stabilization systems and diverse commercial applications, the company is poised to create a new category of transformative technologies that will shape the way we interact with the world around us.

MagLev Dynamics' Commercial Applications

Automotive

Electromagnetic stabilization systems for advanced automotive safety features and seating solutions.

Aerospace & Defense

Stabilization systems for aircraft, spacecraft, and defense applications to enhance stability and control.

Medical & Healthcare

Mobility and rehabilitation technologies powered by MagLev's electromagnetic stabilization, including advanced prosthetics and assistive devices.

Consumer & Lifestyle

Innovative consumer products like levitating chairs, baby seats, and pet carriers that provide unparalleled comfort and safety.

Industrial Automation

Electromagnetic levitation and stabilization systems for industrial robots, smart warehouses, and precision manufacturing.

Emerging Sectors

Potential applications in sectors like footwear, bicycles, motorcycles, and automation, showcasing the versatility of MagLev's technology.

MagLev Dynamics Product Ecosystem

Core Technology Platform

Adaptive Electromagnetic Control System (AECS™) - Real-time, AI-driven magnetic levitation, stabilization, and impact absorption across multiple domains.

Mobility & Safety Division

MagChair™ - Six-axis levitating seat system for automotive, aerospace, and defense. Baby MagSeat™ - Electromagnetically stabilized infant seat with AI shock control. MagAir™ - Reinflatable electromagnetic airbag with dynamic pressure modulation. MagShock™ / MSER™ - Magnetic Shock Energy Reduction system for multidomain damping and regenerative absorption.

Home & Lifestyle Division

MagRocker™ - Zero-gravity therapeutic motion chair. MagBassinet™ - Levitating cradle for newborns with micro-field comfort control. Pet MagSeat™ - Levitation-based pet carrier for travel safety and comfort.

Wearable & Human Performance Division

MagSole™ / MagBoot™ - Electromagnetic shock-absorbing footwear with adaptive gait modulation.

Infrastructure & Automation Division

HoverGrid™ - Electromagnetic levitation grid for smart retail, cleanrooms, and industrial logistics.

MagLev Products



MagSole



MagHarness



MagStroller



MagKitty



MagHover



MagMobility



MagRocker



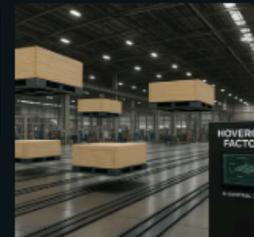
MagGamer



MagFit



HoverChute



HoverGrid Factory



MSER Tech



MagReGen



MagHelmet

Our range of products

Valuation Overview



Defensible IP portfolio

MagLev Dynamics has a strong and diverse patent portfolio that provides protection and differentiation in the market.



Multi-industry applicability

The company's technology can be applied across a wide range of industries, including automotive, aerospace, defense, medical, retail, and consumer sectors.



Breakthrough electromagnetic stabilization systems

MagLev Dynamics has developed innovative electromagnetic stabilization systems that offer significant advancements in motion control and safety.



Scale of commercial opportunity

The company's technology addresses massive global markets, providing a significant potential for growth and revenue generation.

MagLev Dynamics' \$30 million pre-money valuation reflects the company's strong intellectual property, diverse industry applicability, technological breakthroughs, and the scale of its commercial opportunity.

Why a \$30M Valuation Is Actually Conservative

Compared to similar deep-tech companies in mobility, safety systems, and active stabilization, MagLev Dynamics demonstrates foundational technology that would typically command \$35M–\$60M at this stage. The company has intentionally selected a \$30M valuation to maintain investor traction while ensuring long-term equity preservation.



**Total Addressable
Market (TAM):
\$300B+**

Market Size (\$ Billions)

300

Intellectual Property Valuation: \$12M–\$20M

IP Portfolio Value

MagLev Dynamics' patent portfolio alone — including MagChair™, MSER™, MagAir™, HoverGrid™, MagReGen™, and Baby MagSeat™ — carries stand-alone value of \$12M–\$20M.

Multi-Embodiment Filings

The multi-embodiment nature of MagLev's patent filings increases their enforceability and protection.

Broad Claim Scope

MagLev's patents cover broad claims in electromagnetism, motion control, and stabilization technologies.

First-to-File Advantage

MagLev has established a first-to-file advantage across multiple sectors, strengthening its IP position.

Licensing Potential

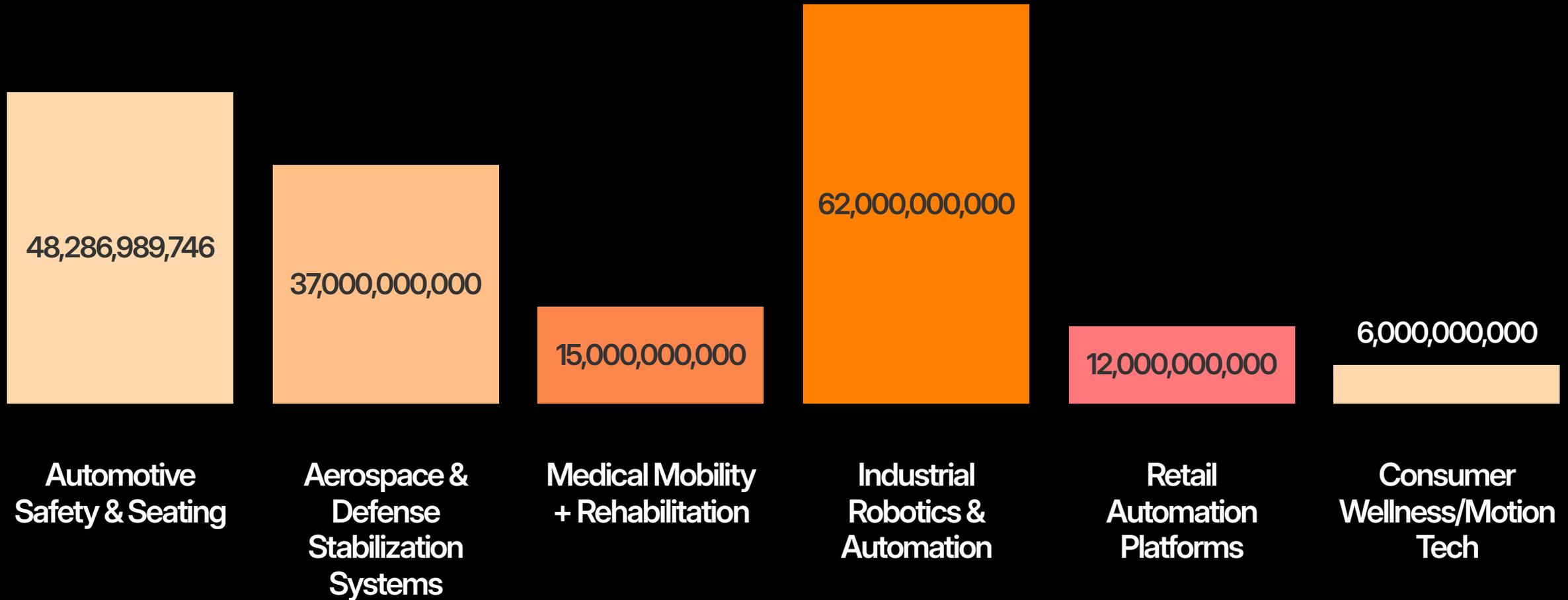
The IP portfolio has significant future licensing potential across automotive, aerospace, and wellness categories.

IP Valuation Share

At least 40–60% of MagLev Dynamics' \$30M valuation is supported by the company's patent portfolio.

TAM Mapping to MagLev Valuation

MagLev's valuation directly correlates to the massive markets it can participate in, totaling \$158B-\$220B across key sectors



Investment Opportunity

- **Full MagChair prototype + AI control system**

Develop a complete prototype of the MagChair product, including the integration of advanced AI-powered control systems.

- **MSER™ safety module testing**

Conduct extensive testing and validation of the MSER (Magnetic Safety and Emergency Restraint) module to ensure its reliability and effectiveness.

- **MagAir™ reinflatable airbag development**

Advance the development of the MagAir reinflatable airbag technology, a key safety feature in MagLev's product lineup.

- **HoverGrid™ pilot installation**

Implement a pilot installation of the HoverGrid automation platform to demonstrate its capabilities in real-world settings.

- **Expanded patent filings (non-provisionals)**

Invest in expanding the company's patent portfolio by converting provisional patents into non-provisional filings to strengthen the intellectual property protection.

- **Manufacturer partnerships and certifications**

Establish strategic partnerships with manufacturers and pursue the necessary industry certifications to enable large-scale production and deployment of MagLev's technologies.

MagLev Dynamics — Capitalization Table (Seed Round)

Stakeholder	Shares	% Ownership
Founder — Dennis Jenn	80,000,000	80%
Employee Stock Option Pool (ESOP)	15,000,000	15%
Seed Investor (\$1M raise)	3,000,000	3%
Treasury / Unissued	2,000,000	2%

*Data from the prompt

Product Ecosystem

- **Mobility & Safety Division**

MagChair™ — 6-axis levitating car/aircraft seat, Baby MagSeat™ — electromagnetic infant safety, MagAir™ — reinflatable electromagnetic airbag, MSER™ / MagShock™ — AI-controlled shock absorbers (auto, moto, bicycle)

- **Wearables Division**

MagSole™ / MagBoot™ — adaptive shock-reducing smart footwear

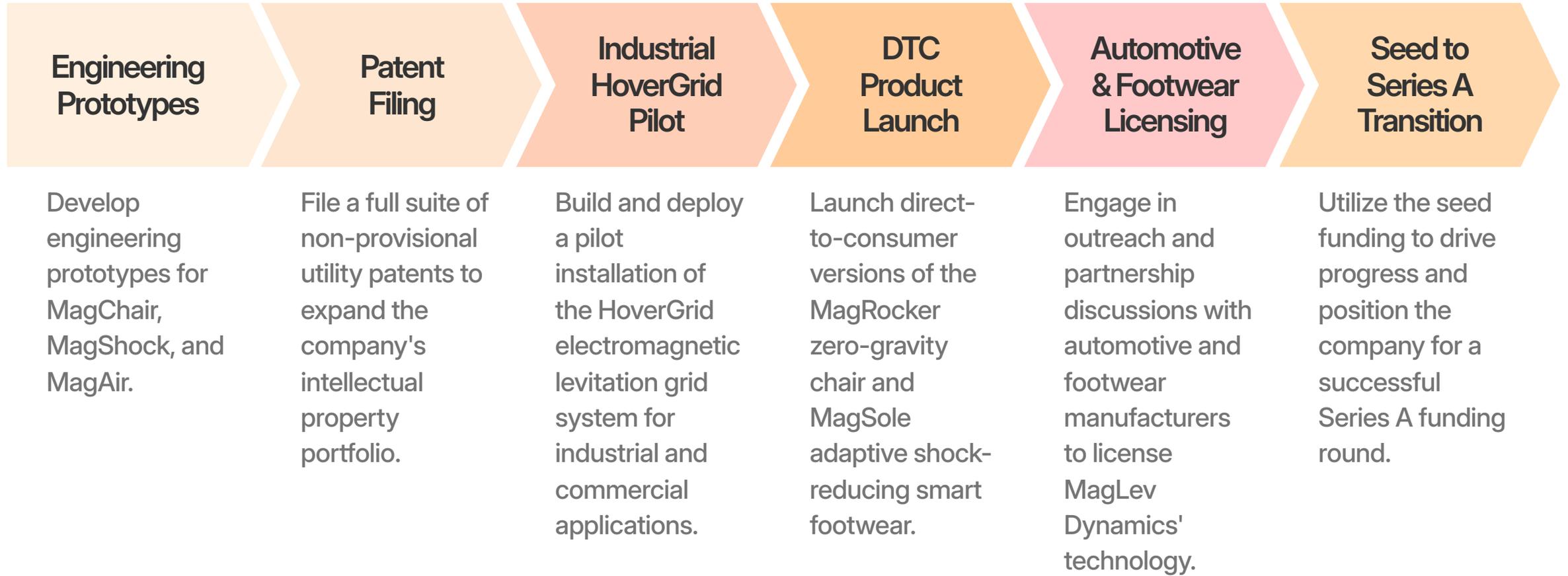
- **Home & Lifestyle Division**

MagRocker™ — zero-gravity therapeutic chair, MagBassinet™ — levitating newborn cradle, Pet MagSeat™ — safety carrier for pets

- **Infrastructure Division**

HoverGrid™ — electromagnetic levitation grid for retail, robotics, cleanrooms

Roadmap





Dennis Jenn

Dennis Jenn is the founder and visionary inventor of MagLev Dynamics. He has a multi-disciplinary background that blends expertise in physics, electromagnetics, wellness, and product systems. Jenn's unique combination of skills and experience has enabled him to develop the company's groundbreaking electromagnetic technology, which is poised to revolutionize human motion, safety, and comfort across a wide range of industries.