

Genny Zero: The Mobility Revolution

Ticino, Switzerland – Genny Factory SA introduces Genny Zero™, an engineering feat that redefines the boundaries of mobility. Born from years of research and development, Genny Zero™ is not simply an electric vehicle. With Genny Zero, users can roam freely in any space they choose, autonomously and independently, allowing the world to keep expanding. Our ambition is to revolutionize personal mobility by enabling people to move easily and safely through advanced technology and innovative design.

A Story of Passion and Innovation

The story of Genny Zero is inextricably linked to that of its creator, Paolo Badano, an entrepreneur who has been confined to a wheelchair for over twenty years due to a car accident. For years, Paolo sought a solution that would allow him to move freely and independently, without sacrificing aesthetics or performance. Dissatisfied with the options available on the market, in 2009 he discovered a self-balancing vehicle that could be ridden standing up, which fascinated him with its potential. From that intuition and years of research and development, the idea of creating Genny was born, a two-wheeled, self-balancing electric vehicle designed for people with reduced mobility and for micro-mobility.

Combining design and functionality, Genny Zero™ is a product that shatters preconceptions and opens up new avenues for personal mobility, making it accessible to all. The history of the automobile and its adaptations for people with disabilities have taught the world how technology can break down barriers, thus promoting inclusion and minimizing prejudice. Sitting behind the wheel, we all share the same desire for freedom and independence.

The mobility revolution has never been closer

Innovative design, technology, electric propulsion, sustainability, and autonomous driving come together in Genny Zero™ to revolutionize the concept of mobility. While the self-driving car promises to transform large-scale transportation, Genny Zero™ is the first personal vehicle capable of offering a safe and intuitive driverless driving experience. Thanks to its dual self-balancing technology, Genny Zero™ moves autonomously in our cities, eliminating the need for parking and offering unprecedented flexibility.

Unlike scooters, bicycles, and motorcycles, which require constant physical effort from the rider, Genny Zero™ offers a natural driving experience, perfect even for people with walking impairment disabilities or motor difficulties. This innovation not only makes travel more comfortable and relaxing but also contributes to improving the quality of urban life by reducing traffic and pollution, mainly due to short distance travel.

Genny Zero™ is the first step towards a future where micro-mobility will be increasingly intelligent, sustainable, and inclusive. We were born to move, not to stand still; we were born to discover, improve, evolve, with our heads always turned towards the future, leaving every barrier behind.

Genny Zero™: The perfect blend of design, technology, and sustainability

Design, technology, and sustainability at the service of freedom. Combining the captivating aesthetics of the racing world with the most advanced technology, Genny Zero™ offers a unique and unforgettable driving experience. Every detail, from the aerodynamic shape to the innovative technological solutions, has been designed to guarantee maximum comfort and safety, without forgetting the environmental impact. Genny Zero™ is an invitation to rethink urban micro-mobility and choose a more sustainable and inclusive future.

We were born to move, not to stand still. At the helm of Genny Zero™, every journey becomes an unforgettable experience. The self-balancing technology, combined with a dynamic design, offers a feeling of freedom and agility never experienced before.

The new Genny Zero™, entirely developed in our Swiss hubs, is equipped with a new dual self-balancing technology featuring redundancies of electronics, motors and batteries protected by multiple patents.

The two brushless motors we developed are capable of delivering a maximum power of 2kW. Thanks to the double winding, we guarantee continuous operation in any condition, thus improving safety performance.

With a maximum speed of 20 km/h (with the possibility of reducing the limit depending on applicable regulations), we are able to cover long distances even on the most challenging and uneven terrain.

Our engineers have developed a plug & play system for rapid extraction of the two batteries. The beating heart of Genny Zero™ is a 72 Volt, 7 Ah lithium-ion battery, entirely produced in Italy, guaranteeing maximum efficiency and durability.

Equipped with a GSM module with worldwide connectivity, GPS and satellite alarm system, Genny Zero™ offers maximum security and vehicle traceability. The black box, synchronized in the cloud, allows you to constantly monitor the vehicle's status and intervene in case of need.

The Genny Zero™ cockpit has been designed to offer an intuitive and personalized driving experience, equipped with a 3.25" color touch screen LCD display.

The electronic steering offers a more comfortable and safe driving experience. Thanks to the automatic retraction of the stem, with a simple touch, you can get on and off the Genny Zero effortlessly.

The ergonomic seat, adjustable backrest, and Genny Shock Absorber™ (GSA™) suspension system offer maximum comfort and peace of mind, protecting the driver from vibrations and shocks.

Created through sophisticated injection moulding and die-casting processes, the Genny Zero™ frame is a structure that combines the lightness and flexibility of fiber-filled plastic polymers with the strength and rigidity of aluminum. This engineering solution optimizes the vehicle's performance.

Designed to guarantee maximum safety, Genny Zero™ can carry up to 110 kg, always maintaining stability, even on slopes up to 20%.

Each Genny Zero™ is a unique piece, thanks to the possibility of choosing a custom paint finish that expresses your style.

We are born to go far

Genny Zero™ is more than just a means of transportation: it is a symbol of a more sustainable and inclusive future. Designed to reduce environmental impact and promote a more fluid urban micro-mobility, Genny Zero™ invites us to explore the city in a light and respectful way, without sacrificing comfort and driving pleasure. We were born to go far, and Genny Zero™ accompanies us on this journey.