

Mooncool's New Electric Trikes for Seniors Launched

Alden, New York Nov 5, 2023 ([Issuewire.com](https://www.issuewire.com)) - Mooncool LLC is a leading manufacturer of electric mobility vehicles. Since its inception in 2021, the company has focused on developing innovative and sustainable transportation solutions. Mooncool is now expanding its efforts to improve accessibility for older adult riders with the launch of its new TK1 Folding Electric Trike.

As the population ages globally, mobility and independence are increasingly important issues. Many seniors wish to stay active and engaged in their communities. However, traditional bicycles can become difficult or unsafe to use as balancing abilities decline. [Electric trikes](#) address this challenge by providing stable, assisted three-wheeled rides. They allow older adults to continue enjoying the health benefits of outdoor exercise and social activities.

The TK1 was developed with seniors' needs in mind through extensive research and testing. Its folding frame, step-through design, smooth suspension, and electric motor assist make cycling a realistic option for people of varying ages and abilities. Mooncool hopes the trike will help open up active transportation to more older riders seeking to age in place. With this new product, the company is expanding its mission of designing accessible mobility for all.

The TK1 Folding Electric TrikeFrame Design

The TK1 features a lightweight yet durable aluminum folding frame. This allows the trike to collapse down compactly for easy storage in small home spaces or transport by vehicle. When unfolded, the frame provides a stable riding platform.

For simple mounting and dismounting, the trike has a low step-through design. Seniors no longer need to swing a leg over a high top bar, simplifying the process of getting on and off the trike.

Performance Features

A key performance feature is the center differential mechanism. This enhances stability, providing consistent power to both rear wheels during turns or changing terrain.

Up front, an adjustable suspension fork absorbs bumps to deliver a smooth, comfortable ride. The suspension makes the trike feel stable and controlled over various surfaces like sidewalks or paved trails.

Powering the trike is a 500W rear hub motor. It engages gradually to provide assisted pedaling up to a top supported speed of 15 mph. This eases physical exertion and makes longer rides fully accessible.

Together these design elements aim to make cycling a practical and enjoyable activity for seniors seeking low-impact exercise. The TK1 aims to empower independent mobility within local communities.

Enhanced Mobility for SeniorsThree wheels provide stable balancing

Unlike bicycles that require dynamic balancing, the three wheels of the TK1 eliminate the risk of falling over even at a standstill. This stable design gives seniors confidence as they no longer have to worry about tipping over.

The motor makes riding accessible at all fitness levels

The motor is able to assist up to 15 mph or provide full power if needed. This enables people of varying physical abilities to enjoy cycling. Even for those with less stamina, the motor allows extended ride times and distances.

Folds up compactly for vehicle transport

With a folding frame and compact dimensions, the TK1 is easy for seniors to transport. It can be stored in larger vehicles and taken anywhere - perfect for active community members. The folding design also allows the trike to be stored flat at home when not in use.

The flexible motor assistance and folding convenience provided by the TK1 means seniors can stay mobile through cycling regardless of their individual capabilities. The electric trike creates opportunities for sustainable transportation, exercise and social engagement.

Prioritizing Safety Powerful disk brakes and electric cutoff

The TK1 is equipped with hydraulically-powered disc brakes on both rear wheels for reliable, fast stopping power. An integrated electric brake cutoff immediately disengages the motor upon braking for additional safety and control.

Integrated front and rear lights for low visibility

For nighttime or low light rides, the trike includes integrated LED front and rear lighting. The rear lights activate automatically when braking to alert other path and road users. This ensures seniors are highly visible to surrounding traffic.

300 lb weight rating for varying body types

Reinforced with durability testing, the TK1 structure is rated to carry riders up to 300 pounds. This accommodates seniors of different profiles and ability levels, instilling confidence in a range of potential users. Adjustable fittings like the seat enable comfy, custom rides.

Safety was a top consideration in the TK1's development. Its robust construction and intelligent features aim to put seniors at ease while providing the security needed for independent recreational riding.

Pricing, Customization and Availability \$1,699 retail price point

The TK1 offers performance and features at an affordable price of \$1,699. This makes the electric trike truly accessible for seniors on most budgets.

Multiple color options for personal expression

Buyers can choose between vivid color schemes like orange, pink or green. This allows seniors to put their individual style onto the trike.

Assembles quickly right out of the box

Mooncool does 95% of the assembly already. Seniors simply need to attach the padlock and tighten a

few bolts - the trike is ready to ride within minutes.

Backed by Mooncool's quality support

Customers receive a one year comprehensive warranty along with lifetime technical support through Mooncool's customer service team. Fast shipping and repairs provide peace of mind.

With attractive styling at an entry-level cost, easy assembly and strong post-purchase support, the TK1 aims to be a hassle-free electric travel solution for seniors. Various options also make the trike suited to different individuals and budgets.

Mooncool's VisionPromoting outdoor activity in later life

By providing an enjoyable and accessible transportation option, Mooncool hopes more seniors will pursue active lifestyles through cycling. The TK1 supports maintaining mobility and fitness as people age.

Age-friendly design for independent living

Features like folding frames and step-throughs address the specific needs of older riders. This allows seniors to live independently with mobility solutions tailored for aging in the community.

Growing electric mobility solutions for seniors

The TK1 launch marks Mooncool's first foray into the electric senior mobility market. With further research and experience, the company anticipates introducing additional innovative transportation products that empower independence.

As populations globally are living longer, enabling active senior living will be increasingly important. Mooncool envisions a future where sustainable transportation like electric trikes helps improve older adults' well-being, community involvement, and quality of life. The TK1 is a step toward achieving this mission and expanding senior-friendly vehicle solutions.

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