

TrickExplor



E-TRUCK

Born for Adventure

Power. Control. Confidence.

- Brand Philosophy
- Product Positioning
- Performance Highlights
- User Experience

PART 1

Brand Philosophy

The first TrikExplor
Recumbent Bike



The world first
4WD Recumbent
Quad



The Lang Distance
Recumbent Trike

At **TrikExplor**, we design and build recumbent vehicles that
combine comfort, power, and precision.

Our philosophy is simple — Explore more ways to ride

We believe every ride should be both thrilling and reassuring.

Brand Philosophy



All-terrain electric 4WD
recumbent E-TRUCK

TrikExplor

• TrikExplor Designer



Mr. Tao Luo

Tao Luo, born in 1979, developed a strong passion for mechanical design under the

influence of his father, an automotive engineer. In 1998, he entered

Shenyang Institute of Engineering, majoring in Mechanical Engineering.

In 2001, he discovered the concept of recumbent bicycles online and hand-built his

first two-wheel recumbent bike — a project that ignited his lifelong enthusiasm for

riding and design.

In 2003, he founded China's first recumbent bike workshop. Over the past fifteen

years, Tao Luo has focused on continuous innovation, creating more than thirty

models of recumbent bikes, trikes, and electric four-wheel recumbents.

Known for their comfort, stability, and off-road capability, his designs have made him a

leading figure and pioneer in China's recumbent bike industry.

PART 2

Product Positioning

Product Positioning

Based on the **TrikExplor F420E**, we've made a series of upgrades and improvements to expand its cargo capacity and overall versatility.

The redesigned rear section can serve multiple purposes — it can function as a flatbed for carrying goods, be equipped with a cargo box for long-distance travel or camping, or be replaced with passenger seats for carrying people.



Product Positioning

This flexible design greatly broadens the range of possible uses, making the vehicle suitable for both work and leisure.

At the same time, we've maintained its **long-range capability** and **strong power performance**, while enhancing overall stability and load capacity.

These upgrades have given rise to a new model — the **TrikExplor E-TRUCK**.



PART 3

Performance Highlights

Performance Highlights



1. Outstanding Off-Road Capability

Unique 4WD design conquers any terrain—from mountain trails to muddy paths.

2. Superior Load Capacity

Built tough to carry more — perfect for long trips and heavy loads.

3. Powerful Dual Motors

Dual rear hub motors (with reverse) enhance load capacity, delivering robust power assistance in both passenger and cargo modes. An optional dual battery pack extends driving range.

4. High-efficiency four-wheel braking system

TrikExplor E-TRUCK features a four-wheel hydraulic disc brake system with a parking function for reliable stopping power.

5. Balanced All-Around Performance

Power meets comfort — Ergonomic seats, Suspension systems, and Low center of gravity design ensure exceptional comfort and stability for every adventure.



Flexible Design, Infinite Possibilities



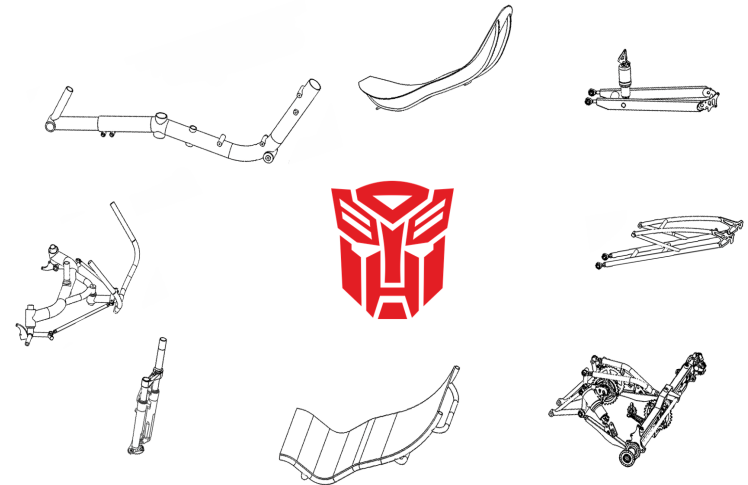
Expandable Cargo Space

The four-wheel base allows for an extended cargo area, providing more storage and practical utility.

Modular Frame Structure

Its modular frame allows for easy part replacement and upgrades, making customization and maintenance effortless.

Transformable Modular Design



Electrical System

TrikExplor E-TRUCK comes with dual 500W rear hub motors for strong power and easy reversing. An optional front mid-drive motor boosts four-wheel performance. The 48V 20Ah dual-battery setup delivers up to 130 km of range, while the dual-control system ensures smooth and efficient power output.



Decoupled 4WD Transmission

TrikExplor E-TRUCK features a decoupled four-wheel drive system that enables independent front and rear power control. Whether climbing hills, riding off-road, or cruising on city roads, it delivers steady traction and exceptional stability.



PART 4

User Experience4



TrikeExplor E-TRUCK—Seamlessly switch between passenger and cargo modes, expanding space as needed.

Decoupled 4WD system + dual 500W rear motors effortlessly conquer mountain roads and off-road trails. Electric assist + dual battery configuration ensures light, smooth riding with a range up to 130 kilometers.

Reverse function and dual-control system ensure stable handling, while the seat, suspension, and low-frame design guarantee a comfortable experience.

All-terrain adaptability and effortless heavy-load capacity—whether for urban commuting, long-distance travel, or camping adventures, it handles it all with ease.



You Can Learn More Through Our Videos.



<https://youtu.be/zLI8YQDEtJA?si=BoDqNBMJLcVFiLI>

<https://youtu.be/pwyPJFGy8Bk?si=xFml2GfxUo2oWYC1>

<https://youtu.be/uXHz1pa0hhU?si=JcR0mwWpnl9uqmVS>

<https://youtu.be/2pi8l9Kqvs4?si=sqYBKDbleLF9714D>

<https://youtu.be/1OyHe64rOQk?si=ar3aiSyw0hxx7Cbq>

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