



Fitness Bike Concept Overview

Overview

UniKore is a new category of exercise bike designed to integrate balance and core engagement directly into the riding experience. Unlike traditional stationary bikes, which isolate lower-body cardio, UniKore introduces controlled instability to activate the rider's core—bringing many of the functional benefits of riding a unicycle into a stable, accessible format.

The Problem

Conventional exercise bikes:

- Primarily focus on lower-body cardio with limited core activation
 - Can become repetitive and disengaging over time
 - Do not train balance or functional stability
 - Require users to supplement with separate core workouts
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The UniKore Solution

UniKore reimagines the stationary bike by incorporating a dynamic balance mechanism that requires continuous core engagement while riding.

Key attributes:

- Active core engagement throughout the workout
 - Balance-driven riding experience (inspired by unicycle dynamics)
 - Adjustable stability for a range of users (beginner to advanced)
 - Compatible with both home and commercial fitness environments
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Why It Matters

- **More effective workouts:** Combines cardio + core + balance in one session
 - **Higher engagement:** Interactive riding experience increases user retention
 - **Functional fitness:** Trains stability and coordination, not just endurance
 - **Differentiation:** Creates a new segment within a crowded bike market
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Target Applications

- Home fitness (connected or standalone equipment)
 - Commercial gyms and boutique studios
 - Physical therapy and rehabilitation settings (balance and core training)
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Opportunity

UniKore has the potential to establish a differentiated category within the global fitness equipment market by addressing an unmet need: integrating core and balance into cardio equipment without sacrificing usability.

Status & Next Steps

- Concept developed and defined
 - Patent-pending
 - Currently seeking strategic partners for:
 - Licensing
 - Joint development
 - Prototype development
 - Potential acquisition
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