



VIKON BV500

Constant-Power Training Bike

A self-powered commercial
aerobic training solution
centered on human power output

The VIKON BV500 is not an ordinary indoor cycle. It is a professional aerobic training platform built around constant-power training, driven by human power output, and standardized by watt-based performance data.

Powered by You

Product Overview

The VIKON BV500 is a professional constant-power training bike designed for commercial gyms, boutique personal training studios, group training spaces, sports performance centers, hotel gyms, and rehabilitation training environments.

Unlike traditional indoor cycling bikes that mainly rely on resistance levels and subjective riding feel, the BV500 uses human power output as its core training metric. Users can set target power output according to training goals, and the bike automatically adjusts resistance based on pedaling speed and riding rhythm, keeping training stable, controllable, and measurable within the target power zone.

The BV500 also incorporates a self-powered concept, using the kinetic energy generated during riding to support equipment operation and reduce reliance on external power. It does not require a power cable, allowing flexible deployment in gyms, studios, hotels, corporate fitness centers, and temporary training spaces.

This means training is no longer just about 'riding harder,' but about entering a scientific training model built on watt-based power standards.

Constant-power training

Self-powered function

Watt-based output standard

Flexible space layout



Self-Powered & Green Operational Value

The BV500 features a self-powered design that converts the exercise energy generated during riding into the electricity required for equipment operation. Human power output is not only training data, but also the energy source that drives the equipment, making the product concept highly consistent with VIKON's brand spirit of 'Powered by You.'

The bike does not need an external power connection. Facilities do not need to reserve outlets for each bike, rewire the space, or lay power lines across the floor. This reduces the complexity of installation and space renovation, while also lowering the decoration burden and risk associated with wiring, creating a cleaner, safer, and more efficient training area.

Because placement is not restricted by power outlets, the BV500 can be arranged freely according to classes, traffic flow, and spatial design.

The BV500 also offers wireless charging, providing a more convenient charging experience for phones and other compatible devices.



**Self-powered
operation**



**Reduced dependence
on external power**



GREEN OPERATION

Green & Sustainable Advantages

From an operational perspective, self-power generation, no external power connection, and flexible placement can help venues reduce energy consumption and installation constraints while lowering daily electricity pressure. It is not only a professional training device, but also a greener, more sustainable aerobic training solution aligned with the future of fitness spaces.

Self-powered function

Human-powered

No external power needed

Reduced wiring constraints

Wireless charging

Improves member convenience

Feature

Business Value

Self-powered function

Uses the rider's kinetic energy to support equipment operation

No external power needed

Reduces dependence on outlets and wiring costs

Flexible placement

Ideal for class layouts, space adjustments, and temporary display

Wireless charging

Improves convenience during member workouts

Eco-friendly image

Strengthens the brand value of energy saving, low carbon, and sustainable operation



Core Training Logic

The BV500 uses watt-based power as the core metric, allowing training intensity to be clearly expressed, precisely managed, and tracked over time.

01 Constant-power training makes exercise intensity truly controllable

After the user sets a target power, the bike automatically adjusts resistance according to pedaling rhythm, keeping the workout stable, controllable, and measurable within the target power zone.

02 Stable human power output makes it easier for heart rate to enter a steady zone

When power output is more stable, physical load becomes more controllable, making it easier for heart rate to gradually enter and remain within the target training zone.

03 Use watts as the standard to build a data-driven training system

Users can clearly understand their current power output, and coaches can design classes around different power zones.

Every workout has a goal, a standard, and feedback.





COMMERCIAL DESIGN

Commercial-Grade Design & Operational Value

Commercial-grade structure for high-frequency use

The BV500 uses a professional commercial-grade frame structure with excellent overall stability, making it suitable for long-term, high-frequency use in gyms, studios, and training centers.

Its multi-grip handlebar design supports different training positions and meets the needs of warm-up rides, endurance rides, sprint training, and standing rides. Both the saddle and handlebars are adjustable to suit users of different heights, training habits, and fitness levels.

The black commercial appearance, combined with VIKON branding and red sporty details, creates a clean, professional, and powerful design language that integrates naturally into premium gyms, boutique training spaces, hotel gyms, corporate fitness centers, and commercial sports training areas.

Value for Gyms & Operators

- Enhances the professional image and differentiation of the cardio training area.
- Reduces dependence on external power and wiring, allowing more flexible equipment placement and more efficient space operation.
- Strengthens a low-carbon, energy-saving, and sustainable brand image through its self-powered and eco-friendly concept.

Suitable Customers & Scenarios

Commercial Gyms

Boutique PT Studios

Group Training Spaces

Hotels & Resort Gyms

Corporate Fitness Centers

Sports Performance Centers

Rehabilitation Facilities

Schools & Athletic
Training Centers

Premium Residential
Club Gyms

Professional Application Scenarios

- **Cardiorespiratory endurance training:** helps users improve their aerobic base, breathing rhythm, and sustained exercise capacity.
- **Fat-loss training:** uses stable power output to control workout intensity and duration, making training more structured.
- **High-intensity interval training:** completes sprint and recovery phases within power zones, improving class controllability.
- **Group training:** helps coaches unify training rhythm, intensity, and class goals, enhancing professionalism.
- **Athletic performance training:** provides athletes with more precise output control and trackable training data.
- **Rehabilitation and low-impact training:** allows users to gradually recover fitness under safe, stable, and controllable load.

Designed for commercial spaces that value user experience, brand image, and long-term operational value.



PRODUCT SUMMARY

Product Summary

The VIKON BV500 constant-power training bike uses human power output as its core and watt-based data as the standard for training, transforming traditional cycling workouts into a more precise, stable, and measurable professional aerobic training method.

With its self-powered system, the BV500 converts the energy generated by the user during exercise into operating power for the equipment. It does not require an external power connection, can be positioned flexibly according to the venue, class planning, and space design, and also offers wireless charging to improve the user experience.

Through constant-power control, the BV500 helps users maintain a stable exercise output, making it easier for heart rate to enter and remain within the target training zone, thereby improving training safety, continuity, and effectiveness.

It is suitable not only for general cardio and fat-loss training, but also for coach-led program development, athletic performance improvement, rehabilitation training, and the professional upgrading of commercial fitness spaces.

VIKON BV500

Make power the standard of training, and return energy to the user.

VIKON — Powered by You



VIKON

Self-Powered Electric Treadmill

Driven by You, Built for Performance

Powered by You

A new cardio training platform integrating self-powered technology, high-incline climbing, push-resistance conditioning, low-carbon material thinking and premium spatial aesthetics.

- Self-Powered Electric System
- Furniture-Grade Premium Wood
- High-Incline Climbing & Multi-Mode Training



VIKON

Redefining Commercial Cardio Training

The VIKON Self-Powered Electric Treadmill is not just an upgrade of a traditional treadmill. It is a high-end cardio platform that integrates self-powered technology, spatial aesthetics and multi-mode training. It is training equipment, energy-saving equipment, a space design element and a brand differentiation tool.

- Walking / Running / Climbing / HIIT
- Part of a premium commercial space
- More energy-saving, flexible and future-ready



VIKON

Self-Powered Electric Technology

VIKON generates power through user movement, greatly reducing reliance on external electricity while preserving a premium electric treadmill experience. Users are not only using the equipment; they become the source of its power during training.

Every session is active output, energy conversion, and a greener workout experience.

- Reduces external power dependence
- Powered by user movement
- A more shareable green-tech story



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Annual Potential Electricity Savings

Based on a traditional commercial electric treadmill averaging about 1 kWh per hour, used 10 hours per day, 365 days a year:

$$10 \text{ h/day} \times 365 \text{ days} = 3,650 \text{ h/year}$$

At the same usage time, the VIKON self-powered electric treadmill helps venues significantly reduce external power demand.

Number of Units	Annual Potential Savings
1 unit	approx. 3,650 kWh
5 units	approx. 18,250 kWh
10 units	approx. 36,500 kWh
20 units	approx. 73,000 kWh

□ Theoretical estimate for showing energy-saving potential.



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Furniture-Grade Premium Wood

VIKON uses furniture-grade premium wood, turning the treadmill from a cold fitness machine into a design element, decorative piece and art object in the space.

Warm wood grain blends naturally into boutique gyms, luxury hotels, private members' clubs, premium residential clubs and wellness spaces.

- Furniture-like fitness product
- Warmer, more premium visual experience
- From equipment to space asset



VIKON

Low-Carbon Production Philosophy

VIKON's material direction emphasizes reducing unnecessary plastic and steel use while improving sustainability with more renewable materials. It is not only an upgrade in appearance, but also an upgrade in brand value.

- Less traditional industrial feel
- More natural warmth and long-term value
- More aligned with future low-carbon trends

From manufacturing to use, closer to low-carbon, energy-saving and sustainable development.



VIKON

No Plug-In. More Layout Freedom.

Traditional treadmills are often limited by outlets, circuit loads and wiring locations. The VIKON self-powered electric treadmill significantly improves layout freedom and frees equipment from fixed power points.

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- More flexible open training areas
 - Easier planning for hotels, PT studios and exhibitions
 - Cleaner, more premium spatial visuals

For designers and operators, this means freer planning and fewer wiring limits.



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Multi-Mode Training Platform

VIKON is not designed only for running. It supports walking, jogging, running, high-incline climbing, incline fat-burning, push-resistance training, HIIT intervals, conditioning circuits and cardio endurance training.

- Walking / Running / Climbing / Fat Burning
- Push Training / HIIT / Conditioning Circuits
- Covers cardio, strength, power and functional training

One machine covers multiple training scenarios and improves value per square meter.



VIKON

High-Incline Climbing & Active Training

Compared with flat running, high-incline training can significantly increase cardiovascular load at lower speeds while increasing engagement of the glutes, hamstrings, calves and core.

For users not suited to high-speed running, incline walking can also deliver efficient fat-burning and low-impact training effects.

- Low speed, high training intensity
- More efficient fat-burning and cardio stimulus
- More active and engaging training style

Users are not simply following the belt; they actively drive and output power.



Premium Commercial Scenarios

The VIKON self-powered electric treadmill is built for premium commercial spaces that value spatial experience, brand image and long-term operational value.

- Boutique gyms and premium PT studios
- Five-star hotels and resort fitness spaces
- Private members clubs and high-end clubs
- Corporate executive wellness centers
- Sports performance centers
- Wellness retreats and recovery spaces
- Luxury residential and real estate fitness facilities



VIKON **IKON**

Powered by You by You

Premium low-carbon training equipment
for the future

VIKON

VT10M Product Specifications

Self-Powered Electric Treadmill

Model

VT10M

Speed

1 - 16 km/h

Incline

6% - 30%

Push Resistance

1 - 60 kg

Parameter	Specification
Running Area	To be confirmed
Product Dimensions	1840 (L) x 905 (W) x 1735 (H) mm
Package Size	2120 (L) x 1010 (W) x 695 (H) mm
Packaging	Wooden crate
Max User Weight	150 kg
Net Weight	To be confirmed
Gross Weight	To be confirmed
Container Loading	20GP: 15 pcs / 40HQ: 33 pcs

Note: Running area, net weight and gross weight require final confirmation.



*Built for premium commercial fitness spaces.
Powered by You*