

**ELITE**

CHANGE YOUR RIDE

**AVANTI**

elite-it.com



**ELITE**



Power up your indoor cycling journey with **Avanti**, Elite's latest smart trainer designed to **elevate your riding experience**, unleashing the full potential of your bike workouts with **unmatched value**.

**Avanti** sets a new benchmark for smart trainers, seamlessly combining an **immersive and captivating riding experience** with a **comprehensive suite of advanced features**, enabling you to reach your cycling goals and enhance your performance with efficiency and enjoyment, whether at home or in any environment.

**Avanti** caters to cyclists seeking maximum benefits from focused and realistic training sessions, boasting a **user-friendly and hassle-free setup**.

Equipped with an **integrated power meter boasting a  $\pm 1\%$  accuracy**, this trainer ensures impeccable precision in measured data, alongside four **Power Smoothing** options for stable and accurate power readings.

Moreover, it tackles the steepest inclines effortlessly, automatically **replicating gradients of up to 18%**, enabling you to hone your climbing prowess on beloved routes from the comfort of your home. **Avanti** also shines through its accessibility features,

eliminating the need for user intervention with **periodic self-calibrations** and offering **two standalone operating modes** for seamless training sessions without external software or power sources.

This smart trainer arrives **Plug & Play and ready to use**, ideal for starting your workouts without complicated configurations.

The **sturdy and ergonomic integrated handle** makes transportation effortless after use.

**Avanti** joins Elite's high-tech smart trainer family, bringing along a range of advanced features aimed at enhancing your training programs and maximizing the effectiveness of your workouts.

When cycling with **Shimano Di2<sup>®</sup> systems**, you can adjust resistance levels in stand-alone mode or pause the brake while cycling on apps using the electronic shift buttons on your bike. The **10Hz data transmission** ensures impeccable trainer response and immediate synchronization with apps, while the **new Wi-Fi function** enhances roller connectivity, integrating with ANT+<sup>™</sup> FE-C and Bluetooth<sup>®</sup> wireless transmission protocols to ensure a reliable connection during training sessions and immediate synchronization with leading cycling apps and market reference devices.

Paired with Elite's range of smart trainer accessories like the **Rizer** slope simulator or the **Aria** smart fan, **Avanti** allows you to cycle indoors as if you were on your bike in the great outdoors.

**DATA-DRIVEN PERFORMANCE: INTEGRATED POWER METER**

**Avanti** turbocharges your training routine with its **built-in power meter**, the OTS (Optical Torque Sensor). The OTS captures your power output with unmatched accuracy, featuring a **minimal 1% deviation**.

Additionally, **Avanti** offers **power smoothing features** for your rides in ERG mode, accessible through My E-Training. Additionally, there's the convenient **"Easy Start"** function designed to facilitate resuming intervals after brief pedal breaks, maximizing the convenience and effectiveness of your workouts.

**A 'SWIFT' SUPERTUCK POSITION ON ZWIFT**

The built-in power meter simplifies immediate access to the **super-tuck position** during your Zwift races.

The **'Swift' Supertuck feature** enables your smart trainer to **swiftly reset power data when you stop pedaling**. The smart trainer can instantly detect when you cease pedaling,

enabling Zwift to swiftly engage the Supertuck feature for your avatar.

**REACH NEW SUMMITS WITH 18% GRADIENTS**

Avanti provides an authentic cycling experience with its **automatic resistance adjustment**, faithfully replicating **gradients of up to 18% incline**.

For an even more immersive ride, pair it with **Elite's Rizer** incline simulator that automatically moves the bike frame to simulate uphill climbs and downhill descents.

For an even more immersive and personalized training experience, you can also pair your smart trainer with **Aria**, Elite's smart fan. By communicating with your sensors and electronic devices, Aria adjusts the airflow intensity automatically based on your **speed, power, heart rate, and body temperature data**, providing you with a comfortable, motivating, and realistic environment during your workouts.

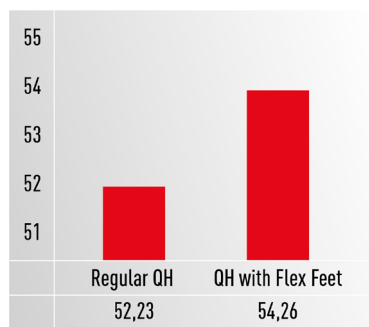
Try your smart trainer with all compatible accessories to experience the thrill of conquering the Passo dello Stelvio or Mont Ventoux!



**BOOST YOUR PEDALING EFFICIENCY WITH THE FLEX FEET**

Avanti is equipped with **black Flex Feet**, designed to optimize the authenticity and efficiency of your pedal stroke with a **lateral micro-oscillation capacity of 4.5°**.

Biomechanical tests conducted on different subjects with diverse cycling morphologies have demonstrated how the presence of **lateral sway on smart trainers**, and thus the ability to replicate the natural bike oscillation during workouts, offers various benefits for improving muscle effectiveness in shoulders, back, glutes, and quadriceps.



*Qh (Quadriceps/Hamstring ratio): strength relationship between knee flexors and extensors. With the use of lateral sway feet, there is an increase in activation of the leg extensor group.*

If you prefer a softer feel, you can also purchase the **red Flex Feet** on [www.shopelite-it.com](http://www.shopelite-it.com), capable of providing a **superior oscillatory movement of 7°**.

These footpieces maximize the effectiveness of lateral sway during your home workouts to offer a tailored riding experience for you and your style, **respecting the natural movements of the pelvis** and **reducing tension in the muscles** of the shoulders and back during your indoor rides.



**THE SECRET TO A PERFECT PEDAL STROKE**

The secret to a perfect pedal stroke is available for **Avanti** users with the function **"Pedal Analysis"**, allowing you to monitor your power output at 24 points throughout your entire pedal stroke. With two distinct graphs, you can observe power variations, pedal coordination, smoothness, and mechanical efficiency, optimizing your cycling performance indoors or outdoors with precision. This feature is available for purchase within **Elite's My E-Training** software.

**MAXIMUM ACCESSIBILITY RIGHT FROM THE START**

Avanti features a compact profile with a **sturdy integrated handle** to ensure maximum ease of transportation and storage before and after use.

Its **Plug & Play configuration and fully assembled structure** offer a simple and immediate indoor cycling experience from the get-go, allowing you to start training in the shortest time possible: simply adjust the trainer's leg spread, install the bike using the included set of adapters and cogs compatible with the majority of bikes on the market, and connect your trainer to a power source for immediate access to one of the most powerful indoor cycling devices.

### INTEGRATED DRAWER FOR ADAPTERS ALWAYS READY TO USE

**Avanti** is designed to simplify your life, even in the smallest details. The **built-in adapter drawer** is a feature that truly makes a difference: here, you'll find all the necessary components for mounting the smart trainer on your bike, conveniently stored and easily accessible, including a disk brake pad spacer. No more wasting time searching for scattered pieces—you can now devote more time to what truly matters: your training.



### AUTO-CALIBRATION: STREAMLINED CONFIGURATION

**Avanti** is Plug & Play even in its ability to automatically perform **periodic calibrations** without any manual intervention from the user. **Simplifying the use of the trainer for every workout.**

**Avanti** features **auto-calibration**, automatically adjusting without any manual input from the athlete. This convenient feature simplifies the use of the trainer for every workout, ensuring optimal performance from the outset.

### ENHANCED CONNECTIVITY WITH WIFI INTEGRATION

**Avanti** offers enhanced connectivity with the **addition of WiFi**. The trainer can now directly connect to your home network, providing

### smooth data transfer and fast connection for every workout with compatible software.

You can easily link the trainer to your network via the **My E-Training app**, and once configured on a specific WiFi network, it will automatically reconnect. The WiFi connection supports **2.4 GHz wireless networks**.

With integrated WiFi connectivity, the smart trainer can also **automatically update itself** without the need for the Upgrado app, which remains the standard method for firmware updates on our trainers. By connecting to your network, the smart trainer will **periodically check for new firmware updates**.

### SIGN UP FOR MY E-TRAINING FOR 12 MONTHS OF FREE SUBSCRIPTION AND FREE TRIALS ON THE APPS

The **WiFi connection** seamlessly integrates with **ANT+™ FE-C and Bluetooth®** wireless transmission protocols, ensuring unmatched stability in indoor races and seamless interaction with cycling apps and top devices on the market.

Be sure to explore inside the package for the coupon card, granting you a **complimentary 12-month subscription to the Elite My E-Training app** and access to free trials on leading indoor cycling platforms, including **MyWhoosh, Rouvy, Kinomap, BKool**, and many others.

### LINK YOUR TRAINER TO YOUR ROUTER VIA WIRED CONNECTION

If you don't have access to your network's WiFi, **Avanti** is also equipped to connect via cable using the **Elite Gateway Wired Ethernet Dongle**.

This additional connection tool allows you to link the trainer to a router or computer using an ethernet cable. It ensures a stable connection without interference or data loss, even in tough conditions. This feature is especially useful for online competitions.



### ADVANCED COMMUNICATION WITH DUAL BLUETOOTH® CHANNELS

**Avanti** comes equipped with **dual Bluetooth® channels**, allowing simultaneous connection to two Bluetooth® devices, such as a bike computer while you're connected to the training app via Bluetooth®.

### HEART RATE AND CADENCE BRIDGE FUNCTIONS

Additionally, **Avanti** features the **Cardio Bridge and Cadence Bridge functions**, enabling you to connect a heart rate monitor or cadence sensor to the trainer while connected to the training software. By serving as a bridge, the trainer relays your data to the ANT+ FE-C and BLE FTMS protocols. This feature is especially beneficial for platforms such as Apple TV, which have a limit of two concurrent Bluetooth Smart sensors.

**Avanti** provides added convenience by allowing you to use your **Apple Watch** for heart rate data through the **Heartbeatz** app. Install the app on your Apple Watch, activate its features, and your smart trainer will receive heart rate data directly from your Apple smartwatch during workouts, using the Bridge Cardio feature. [Access the app](#) on your Apple Watch directly through the App Store: all new accounts will have a 30-day free trial.

Moreover, **Avanti** offers a **virtual bridge** feature to transmit heart rate data from programs that don't support your HR monitor's protocol. For instance, it can relay data from an ANT+ band to a Bluetooth software or device. The trainer will serve as a bridge, transmitting to the app or device the same data sent by your heart rate monitor.

#### SHIMANO DI2® INTEGRATION

With seamless **integration with Shimano Di2®** systems, your smart trainer unlocks enhanced functionality, especially when paired with an **electronic shifting bike**.

This feature enables you to **adjust the trainer's resistance level in stand-alone mode** when the trainer is powered, or **temporarily pause resistance for 60 seconds** while cycling on virtual platforms, all with the touch of buttons on your electronic shift levers.

You can conveniently pair the devices using the **"Pairing Shimano Di2®"** function within the **My E-Training app**.

Compatible Models:

**Shimano Dura-ace Di2 9200 12V**  
**Shimano Ultegra Di2 8100 12V**

For the following models, integration of wireless devices **EW-WU101** or **EW-WU111** is required for ANT+ and Bluetooth LE connectivity:

**Shimano Dura-ace Di2 9100 11V**  
**Shimano Ultegra Di2 8000 11V**

#### FAST TRACK DATA TECHNOLOGY

With an **enhanced data transmission speed** compared to the standard, the frequency of power, speed, and cadence **data readings has been boosted to 10Hz**, not limited to wired TCP-IP devices like Elite's Gateway but also extending to Bluetooth protocol.

With this advancement, your data values are transmitted to the apps up to 10 times faster, guaranteeing immediate synchronization with the software.

#### TRACK YOUR PROGRESS

**Avanti** boasts an **odometer**-like capability, effortlessly logging the **total distance you pedal**.

The count is displayed on the **My E-Training app** and stays operational whether you're utilizing the smart trainer with software or in stand-alone powered mode.

#### ENDORISING ECO-DESIGN SOLUTIONS

**Avanti's** sturdy and space-efficient design reflects our ongoing collaboration with **Adriano Design**, driving towards a more cohesive indoor cycling ecosystem. Building upon the sustainable groundwork laid by Justo, **Avanti** exemplifies our ongoing commitment to **eco-conscious design practices**.

This commitment is reflected in the trainer's construction, with over **50% of its total plastics being sourced from pre-consumer recycled materials**. By incorporating recycled plastics, we're not only reducing our environmental footprint but also setting new standards for sustainable manufacturing in the industry.

#### EXPERIENCE TOTAL BIKE COMPATIBILITY

**Avanti** ensures unmatched compatibility with **road, gravel, and mountain bikes**. Equipped with **130-135 x 5 mm quick-release hubs** and **142 x 12 mm thru-axle hubs** (inclusive of adapters in the package), **Avanti** guarantees a perfect fit for every bike type. Explore additional compatibility options on [www.shopelite-it.com](http://www.shopelite-it.com), offering adapters for **135 x 10-12 mm hubs** (code 1014306), **Specialized SCS 135 X 12 mm** (code 1014087), **Boost 148 x 12 mm** (code 1014303), and **Super Boost 157 x 12 mm** (code 1014346) rear hubs.

**Avanti** supports **Shimano 9/10/11/12 speed** road cassettes and is compatible with **Shimano 12 speed MTB** (with Micro Spline body, code 1014315), **Campagnolo 9/10/11/12 speed** (with body code 1014233), **SRAM NX 12 speed** with Shimano body, and **SRAM 12 speed** (with XD / XDR body, code 1014279). Find your perfect match on [www.shopelite-it.com](http://www.shopelite-it.com).

#### DATA MASTERY WITH CADENCE, SPEED, AND POWER METRICS

**Avanti** immediately delivers all the essential performance metrics for bike training, such as **speed, power**, and particularly **cadence**, without requiring extra sensors on the bike frame, thanks to its advanced **sensorless technology**.

The integrated power meter, OTS, provides thorough monitoring of your training data, ensuring you execute your training plans with utmost accuracy and effectiveness.

#### UNPLUGGED TRAINING FREEDOM

**Avanti** features **stand-alone modes** for flexible training anywhere, even without software or power.

While plugged in but unconnected, preset **incline values up to +18%** on My E-Training for simulated road rides, retained even when disconnected.

In instances with no connection or power, adjust **resistance levels between 1 and 16** on My E-Training beforehand for uninterrupted training sessions.

#### NOISE-FREE RIDING

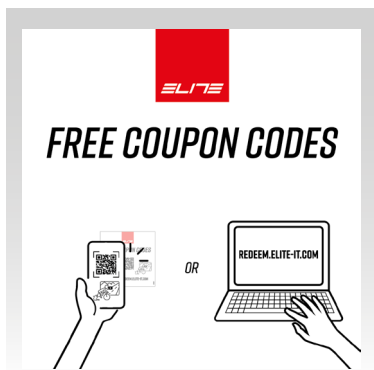
Our latest-generation trainers feature redesigned mechanics that guarantee **exceptionally quiet workouts**. This is also attributed to the new flywheel, engineered with aerodynamically optimized rotating components.

Like all **direct-drive trainers**, **Avanti** connects directly to your bike without the need for any roller for the tire to ride on. You'll only hear the sound of the chain as you shift gears.

### WHAT'S INSIDE THE BOX?

Avanti comes complete with the **Travel Block front wheel support**, designed to optimize bike positioning during workouts.

Also, remember to scan the QR code on the **coupon card** inside the box to redeem your complimentary **12-month subscription to My E-Training** and unlock access to various free trials for leading cycling apps.





## FEATURES

HOME TRAINER TYPE	Smart direct transmission home trainer
SPROCKET CASSETTE	Not included
POWER METER	Integrated OTS (Optical Torque Sensor)
ACCURACY	±1%
WIRELESS COMMUNICATION	Wireless: ANT+ (FE-C, Power, Speed&Cadence), Bluetooth (FTMS, Power, Speed&Cadence), WiFi (2.4GHz Direct Connect Protocol) Wired: Ethernet ( Direct Connect Protocol con Elite Gateway)
MAX SLOPE SIMULATED	18%
AUTOMATIC CALIBRATION	Yes
FIRMWARE UPDATE CAPABILITY	Yes
RIZER COMPATIBLE	Yes
MAX POWER	920 Watt (20km/h) - 2100 Watt (40km/h)
FLEX FEET	Included are black Flex Feet with a 4.5° oscillatory movement. Compatible with red Flex Feet with a 7° movement. * **available at <a href="http://www.shopelite-it.com">www.shopelite-it.com</a>
CONTROL VIA	Smartphone, tablet, bike computer, sports watches, Windows and Mac. Computer ANT+™ and/or Bluetooth
COMPATIBLE WITH	My E-Training software & app Zwift, Trainer Road, Kinomap and more
PEDAL ANALYSIS	Available for purchase on My E-Training
OUTPUT	Power, speed and cadence
FLYWHEEL	4 kg / 8,82 lbs
BIKE COMPATIBILITY	Road, Gravel, Mountain and city bikes.  Included adapters for: Quick release Ø 5x130-135 Thru-axle Ø 12x142  Adapters available* for: Thru-axle Ø 10x135-12x135 (cod. 1014306) Specialized SCS Ø 12x135 (cod. 1014087) Boost Ø 12x148 (cod. 1014303) Super Boost Ø 12x157 (cod. 1014346) *available on <a href="http://www.shopelite-it.com">www.shopelite-it.com</a>
CASSETTE COMPATIBILITY (freehub included)	Shimano®/SRAM 9/10/11 speed Shimano® 12 speed road SRAM SX 12 speed SRAM NX 12 speed
FREEHUBS AVAILABLE	Shimano Micro Spline (cod. 1014315) Campagnolo (cod. 1014233) SRAM XD/XDR (cod. 1014279) *available on <a href="http://www.shopelite-it.com">www.shopelite-it.com</a>
INCLUDES	12-month free subscription to My E-Training software & app

## SPECIFICATIONS

POWER SUPPLY DATA	Input 100-240 volt 50-60 hz - Output 12 volt 1,5A
OPEN SIZE (L x W x H)	580 x 700 x 520 mm / 22,83" x 27,56" x 20,47"
CLOSED (L x W x H)	580 x 210 x 520 mm / 22,83" x 8,27" x 20,47"
WEIGHT	13 kg / 28,66 lbs
MAX LOAD	110 kg / 242,50 lbs