

**ELITE**

# AVANTI WITH ZWIFT COG AND CLICK

elite-it.com



**ELITE**

# AVANTI WITH ZWIFT COG AND CLICK

elite-it.com



Avanti with ZWIFT Cog and Click is Elite's smart trainer that brings together **high-end features** and **instant access** to the world of indoor cycling.

Now fully **ZWIFT Ready**, it comes with ZWIFT's native **Cog and Click**, so you can take full advantage of virtual shifting right from your first ride.

The **pre-installed ZWIFT Cog** makes setup quick and ensures **wide compatibility with 8 to 12-speed drivetrains**, with no derailleur adjustments required.

The **ZWIFT Click**, mountable on any handlebar, lets you shift smoothly across **24 virtual gears** while controlling resistance quietly and precisely.

Avanti is all about **top-tier specs at a more accessible price**. It features an **integrated power meter with ±1% accuracy, 10Hz data transmission** for real-time racing, automatic resistance that simulates **gradients up to 18%**, **Wi-Fi connectivity**, and **black Flex Feet** to replicate your bike's natural sway.

Its **complete connectivity** includes support for **heart rate monitors, dual Bluetooth® channels**, and **direct Wi-Fi pairing with automatic firmware updates**.

You can also train **offline** with two stand-

**alone modes**, and **auto-calibration** means no manual setup.

To get started right away, your purchase includes **two months of free ZWIFT membership**, giving you the perfect support for your first training rides.

## ZWIFT READY WITH PRE-INSTALLED COG AND CLICK

Avanti with ZWIFT Cog and Click is a **ZWIFT Ready smart trainer** by Elite, fully equipped with **pre-installed Cog and Click**, giving you instant access to all the features of ZWIFT's virtual shifting system from the very first ride.

The **ZWIFT Cog** simplifies setup and ensures **wide compatibility with 8 to 12-speed drivetrains**, without requiring derailleur adjustments.

The **ZWIFT Click**, which mounts easily to any handlebar, lets you **control resistance and shift through 24 virtual gears**—smoothly and quietly.

The **Cog** can also be removed, allowing you to install a **standard 9 to 12-speed cassette** and use the trainer with any other training platform.

To help you get started right away, **ZWIFT offers two months of free app membership**, giving

you instant access to rides and the community from your very first workouts.



## INTEGRATED POWER METER: PRECISION-BASED PERFORMANCE

Avanti measures your power data with high accuracy, thanks to the **integrated OTS (Optical Torque Sensor) power meter**, which delivers an **accuracy of ±1%**.

It offers **four power display options in ERG mode**, available in the My E-Training app via the **Power Smoothing** function.

The **Easy Start** function helps you get back into intervals after short pauses, keeping your ride **smooth and consistent**.

With **Supertuck mode**, the trainer instantly drops power data as soon as you stop pedaling, enabling **immediate aerodynamic positioning** on ZWIFT.

**HIGH-SPEED DATA TRANSMISSION**

Avanti sends **power, speed, and cadence data at a frequency of 10 Hz**, one of the highest available on the market.

This fast data transmission ensures **immediate synchronization with training apps**, which is especially crucial during **online races**, and is supported via both **Bluetooth® and wired TCP-IP connections** using the **Elite Gateway**.

**ENHANCED CONNECTIVITY WITH INTEGRATED WI-FI**

Avanti features enhanced connectivity with **built-in Wi-Fi**, designed to connect your trainer directly to your home network and let you ride without interference on all training apps.

The Wi-Fi module supports **2.4 GHz wireless networks** and allows the trainer to **automatically search for and install firmware updates**.

Configuration is required **only once** via this [setup guide](#). After that, the system automatically **checks for new firmware updates**.

Once paired with your Wi-Fi network, the trainer **automatically reconnects** each time you turn it on.

**WIRED CONNECTIVITY VIA ELITE GATEWAY DONGLE**

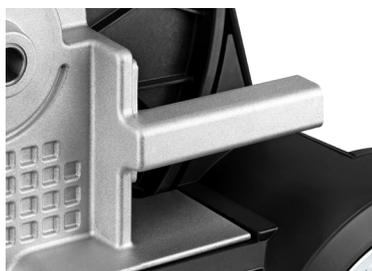
If Wi-Fi isn't available, **Avanti** also supports **wired connections** through the **Elite Gateway Wired Ethernet Dongle**.

This accessory lets you connect the trainer **directly to your router or computer via Ethernet**, ensuring a **stable and continuous data stream**—perfect for **high-stakes esports racing**.

**COMPATIBLE WITH ANY APP**

Want to switch setups? Just remove the **Zwift Cog** and install a **standard cassette** to use **Avanti** in its **default configuration**.

The trainer is compatible with virtually any indoor cycling app, such as **My E-Training, Zwift, MyWhoosh, Rouvy, Kinomap, Bkool**, and others, via **ANT+ FE-C, Bluetooth®, and Wi-Fi**, allowing complete control from a **computer, smartphone, bike computer, or smartwatch**.

**SMART BY DESIGN**

With **Avanti**, training has no barriers. Its **compact frame and integrated handle** make it easy to move and reposition at any time.

The trainer comes **fully assembled** and ready to go. Its **Plug & Play setup** means you only need to unfold the legs, attach your bike with the included adapters and freehub bodies, and connect the power.

A built-in **storage drawer** keeps adapters neatly organized and within reach.

**HIGH CLIMBS WITH 18% GRADIENTS**

**Avanti** automatically manages resistance to simulate gradients up to **18%** during your climbing workouts.

It can also be paired with **Rizer**, Elite's gradient simulator with integrated steering, which tilts your bike uphill and downhill for the most **realistic indoor riding experience**.

Complete your setup with **Aria**, the smart fan that adjusts airflow to your training data, giving you the **right level of comfort and realism** for every workout.

Ready to take on the **Passo dello Stelvio or Mont Ventoux?**

**SQUARE REINVENTS YOUR INDOOR SETUP**

**Avanti** is also compatible with **Square**, Elite's smart frame with advanced virtual shifting, allowing you to **replicate your outdoor bike's setup down to every detail**.

Simply remove the Cog and install **Square**, which is adjustable to your bike's exact dimensions. This gives you a **tailored indoor training experience**, just like riding your real bike.

**Square** offers **seven adjustment points** across the saddle, handlebar, top tube, and crankarms.

You can also **share the frame with other riders**, configuring up to **five profiles** via the app—each with a personalized drivetrain and gear setup.

### DUAL BLUETOOTH® CHANNEL AND SENSOR BRIDGE FOR CADENCE AND HEART RATE MONITORS

Avanti features **dual Bluetooth® channels**, allowing you to connect two Bluetooth® devices at the same time—such as a bike computer and a training app.

The **sensor bridge** functionality enables you to connect a **heart rate monitor or cadence sensor** to the trainer while remaining connected to your training software. This way, all data is sent over a single connection using **standard FE-C ANT+ and FTMS BLE protocols**.

This is especially useful on **Apple TV**, which only supports two Bluetooth® Smart sensors at once.

Avanti can also create a **virtual heart rate strap** if your existing heart rate monitor is not compatible with your app—for example, if you have an **ANT+ strap but your platform only supports Bluetooth®**.



### IMPROVE YOUR PEDALING WITH FLEX FEET

The **black Flex Feet** included with Avanti are designed to optimize your pedal stroke, allowing for **4.5° of micro-oscillation** that mimics your bike's natural motion.

Biomechanical testing shows that micro-oscillations on smart trainers improve **muscle engagement in the shoulders, back, glutes, and quads**.

If you prefer a softer feel, you can purchase the **red Flex Feet** from the shop, offering an **increased oscillation angle of 7°**.

### FREEDOM TO TRAIN ANYWHERE

Avanti offers **two stand-alone modes**, giving you total freedom to train—even without power or apps.

When powered, you can **pre-set a gradient of up to 18%** via the app.

Without power, you can select one of **16 resistance levels** ahead of time for outdoor or power-free workouts.

Instructions for activating stand-alone mode are available in our [Knowledge Base](#).

### ELECTRONIC COMPATIBILITY WITH SHIMANO Di2® SHIFTING

Thanks to its integration with **Shimano Di2®**, your smart trainer becomes even more versatile—especially when paired with a bike using electronic shifting.

Just activate the **“Pairing Shimano Di2®”** function in My E-Training, and you'll be able to manage resistance in stand-alone mode (when plugged in) or **pause the brake for 60 seconds** while riding in apps, simply by pressing the buttons on your Di2 shifters.

Compatible models:

**Shimano Dura-Ace Di2 9200 12-speed**  
**Shimano Ultegra Di2 8100 12-speed**

The following models require the addition of a **wireless unit EW-WU101 or EW-WU111** to enable ANT+ and Bluetooth® use:

**Shimano Dura-Ace Di2 9100 11-speed**  
**Shimano Ultegra Di2 8000 11-speed**

### THE SECRET TO A PERFECT PEDAL STROKE

Avanti supports the **Pedaling Analysis** feature, allowing you to monitor your power output across **24 points of the pedal stroke**.

With two distinct graphs, you can track **variations in force**, assess **pedaling coordination, stroke smoothness, and mechanical efficiency**, helping you fine-tune your performance indoors or outdoors.

This feature is available as an **add-on in the My E-Training software**.

An active subscription is required to use it.



### HOW MANY KILOMETERS HAVE YOU RIDDEN?

Acting like an odometer, Avanti can track your **total distance ridden on the trainer**.

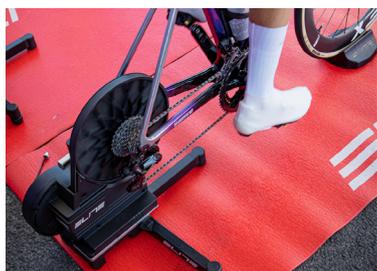
The total distance is visible in the **My E-Training app** and is recorded both during app-based training and when using the **powered stand-alone mode**.

### INNOVATION MEETS SUSTAINABLE DESIGN

Avanti combines **racing-level performance** with **sustainability**, in line with today's environmental standards for manufacturing.

Its frame is made with **regenerated plastic components**, following a **circular production model** that limits fossil material use from the design stage.

**50% of Avanti's plastic parts** are made from **pre-consumer recycled plastic**.



#### THE TRAINER OF WORLDTOUR TEAMS

**Avanti** is the trainer of choice for some of the **strongest pro cycling teams in the world**.

Thanks to its advanced features, it's the go-to tool for training camps, warm-ups, and time trial prep at top races like the **Giro d'Italia**, **Tour de France**, and **Vuelta a España**.

In 2025, the teams using Avanti include: **Bahrain-Victorious**, **Arkea-B&B Hotels**, **Intermarché-Wanty**, **Team Picnic PostNL**, **Jayco AlUla**, **FDJ-Suez**, **UAE Team ADQ**, **Fenix-Deceuninck**, **Canyon-SRAM**, and many more.



## FEATURES

HOME TRAINER TYPE	Smart direct transmission home trainer
SPROCKET CASSETTE	Zwift Cog and Click included
POWER METER	Integrated OTS (Optical Torque Sensor)
ACCURACY	±1%
WIRELESS COMMUNICATION	Wireless: ANT+ (FE-C, Power, Speed&Cadence), Bluetooth® (Zwift Protocol, 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.
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
FRONT WHEEL SUPPORT	Included
BIKE COMPATIBILITY	Road bikes, gravel bikes, mountain bikes, and city bikes. Compatible with Elite's Square smart frame (when the Zwift Cog is removed) and with Zwift Ride.  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	Two months of free Zwift membership.

## 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