

ELITE
CHANGE YOUR RIDE

JUSTO

elite-it.com





JUSTO, THE NEW TOP-OF-THE-RANGE TRAINER OF THE ELITE ECOSYSTEM

Justo is the **new top-level trainer** from the Elite ecosystem of interactive trainers for bike training. This home trainer can automatically manage resistance by replicating up to a **24% slope gradient**, which is perfect to train in an exceptionally realistic way, even at home, and to put yourself to the test through **targeted programs and virtual competitions** in the many cycling apps available.

Justo tracks **speed, cadence and power** data in real time: power is measured with an **accuracy within 1%** thanks to the new **integrated power meter**, making this trainer the most technological and advanced product in our ecosystem of interactive home trainer for bike training, perfect even for intense workouts.

This trainer is designed specifically to ensure **aesthetics, stability and durability** in a single product. Moreover, this elegant, modern device is made with regenerated plastic components, making the production of cycling technologies **increasingly sustainable**.

Justo is **self-calibrating** and includes **two sets of rubber feet**, improving your workout performance as well as the biomechanical

efficiency of your athletic gesture, adapting to you and your pedaling style. Like all Elite interactive trainers, **Justo** is **compatible with most bikes** available on the market.

POWERFULLY PRECISE

Justo is the only trainer in the world, along with the Direto and Drivo family of Elite trainers, to actually measure the generated power through an integrated power meter called OTS (Optical Torque Sensor).

Thanks to this new integrated sensor, the trainer can actually measure the power you transmit to the pedals with an **accuracy within $\pm 1\%$** .

AUTO-CALIBRATION

To improve the precision and immediacy of your indoor training sessions, **Justo** can **self-calibrate**. This trainer implements a technology that automatically calibrates itself at the most appropriate moment without requiring the athlete's manual intervention.

REPRODUCES THE STEEPEST SLOPES

Justo can simulate the toughest climbs of your indoor rides up to an extraordinary **24% slope gradient**, guaranteeing maximum realism and fun even during the most intense and demanding climbs.

The faster integrated power meter makes it easier to access the super-tuck position during your Zwift competitions.

COMPATIBLE WITH THE RIZER

Thanks to the design which leaves the fork of the bike free, **Justo** is **compatible with Rizer**, Elite's slope simulator with integrated steering that can truly **raise and lower the bike frame**, following the climbs of the routes you are on in real time, up to an incline of $\pm 20\%$ and a descent of -10% .

Try the **Justo** alongside the Rizer to increase the realism of your workouts while working on your climbing skills on the video runs of the most beautiful climbs such as the Zoncolan.

INNOVATION WITH A MORE SUSTAINABLE DESIGN

The **solid, compact design** of the **Justo** comes from a new collaboration with **Adriano Design** aimed to create an increasingly integrated ecosystem of products for indoor cycling. Easy to use and quick to store after use thanks to the **locking mechanism with snap button**, the **Justo** is a trainer designed to ensure maximum **stability and durability** in training of all levels and abilities, even during the most intense off-saddle sprints. The elegant **branded faux leather** handle simplifies transporting the trainer: anytime, anywhere.

TOWARDS A CIRCULAR ECONOMY. ZERO WASTE, ONLY PERFORMANCE.

In addition to its racing spirit, the creation of the **Justo** aims to adapt to the increasingly pressing imperatives of sustainability and environmental impact.

Justo's structure is built using plastic components from environmentally responsible processing according to a **circular production model** aimed at reducing the use of raw materials right from the design phase. More sustainability and fewer emissions are objectives that also involve a **targeted study of the volume** taken up by the product and its packaging to minimize the amount of plastic needed in production as well as the CO₂ emissions in the transport of its packaging.

QUIET WORKOUTS, ALWAYS

Our Research & Development team has redefined the mechanics of the trainer to achieve **extreme quiet** during workouts. The merit goes in part to the **new flywheel**, designed with a more aerodynamic structure, rotating components, and a small transmission ratio.

Justo is also a **direct-drive trainer**, which requires the bike to be installed directly on the trainer. As the rear wheel must be removed, there is no roller on which to run the tire, the only sound you will hear will be that of the chain while shifting gears.

TRAIN ON ANY APP

Like all direct-drive trainers in our ecosystem, **Justo** is also part of the range of interactive trainers with **ANT+™ FE-C and Bluetooth®** dual communication protocol.

This means that the trainer has complete interaction with **apps, software, computers, smartphones, tablets and Apple TV**, and total compatibility with any operating system iOS, Android, MacOS or Windows.

With a few simple steps, all you need to do is set the desired path or training program and start pedaling; **Justo** will take care of the rest,

automatically changing the resistance to match the selected training program in complete autonomy based on your needs or on the slope of the virtual route you are facing. With your purchase of **Justo**, you will also receive a coupon code to enjoy **12 free months of subscription to My E-Training** by Elite. You can also find other coupons in the package to take advantage of a trial period for the most popular indoor cycling platforms, such as **Zwift, TrainerRoad, Rouvy, Kinomap or Bkool**.

DUAL BLUETOOTH® CHANNEL

Justo is equipped with **dual Bluetooth channels** to connect up to two Bluetooth devices at the same time, such as a bike computer while connected to the training software.

BRIDGE FUNCTION

Justo is equipped with a **dual Bluetooth® channel** to implement the new **Cardio Bridge** and **Cadence Bridge** functions.

These features allow you to connect a heart rate monitor or cadence sensor to the trainer while connected to the training software, tracking your heart rate or cadence data in the standard ANT+ FE-C and BLE FTMS trainer protocols. In addition to tracking the heart rate data on the standard ANT+ FE-C and BLE FTMS protocols, the trainer is able to create a virtual belt in case you are using programs that are not compatible with the protocol of your heart rate monitor (e.g., if you have an ANT+ band and use a Bluetooth program or device), transmitting the same data as the band that is connected to the trainer.

SENSORLESS TECHNOLOGY

All Elite trainers immediately track **power, speed** and pedaling **cadence** data, thus positioning themselves as truly effective tools for building a precise training plan and replicating road pedaling with extreme accuracy. The **measurement of cadence** is automatic, through the convenient **sensorless**

technology. This means that no sensors need to be applied to the bike: it is instead based on the analysis of the power tracked for **Justo** by the integrated power meter.

CONNECT THE TRAINER TO THE WEB EVEN VIA CABLE

Justo is designed to connect via cable to a tool that allows you to link the trainer to a router or computer via **ethernet cable**.

The wired network connection is useful for eSports competitions for the speed and reliability it ensures during races in real time.

STAND ALONE MODE

Another interesting feature of **Justo** is the ability to use the trainer even when it is in **stand-alone mode**, meaning when it is not connected to a software, both with and without power. When the trainer is **powered on but not connected to any software**, you can still simulate pedaling on road by pre-setting a slope value between 0% and +24% on the My E-Training app. The trainer will maintain this value even when it is disconnected from the app.

If the trainer is **neither online nor connected to power**, the resistance generated by the trainer increases with speed, but you can always adjust the resistance level beforehand on the My E-Training app by setting a brake resistance value on a scale from level 1 to 16. To learn more about this operating mode, visit the support site at support.elite-it.com

FOR ANY BIKE

Justo is compatible with road, gravel and mountain bikes with **130-135 x 5 mm** hubs with quick release, and with **142 x 12 mm** hubs with thru axle (adapters included in the package).

Adapters are available on www.shopelite-it.com to ensure compatibility with **135 x 10-12 mm** hubs (code 1014306) and for **148 x 12 mm** rear Boost hubs (code 1014303) and **157 x 12 mm** Super Boost hubs (code 1014346).

MAXIMUM COMPATIBILITY

Justo is prepared to accommodate **Shimano® 9/10/11/12 speed road cassettes** and is compatible with **Shimano® 12 speed MTB** (with **Micro Spline freehub body** code 1014315), **Campagnolo 9/10/11/12 speed** (with **freehub body** code 1014233), **SRAM NX 12 speed** with Shimano® freehub body and **SRAM 12 speed** (with **XD / XDR freehub body**, code 1014279).

The specific freehub bodies for Campagnolo, SRAM XD / XDR, SRAM NX 12 speed and Shimano® Micro Spline 12-speed are available on www.shopelite-it.com.

IMPROVE THE PEDALING SENSATION WITH THE NEW ELITE FLEX FEET

Another innovation of the **Justo** trainer is the ability to customize the pedaling sensation and make it even more realistic with the **new Elite Flex Feet** included in the package.

In terms of flexibility, the feet are available in **two styles**: rigid and medium.

By quickly replacing two of the trainer's four feet according to your weight and that of the bike, the ecosystem accessories you use, or the training you are performing, you can replicate **the pressure and natural oscillations of the bike** with extreme realism and adapt your indoor pedaling to your outdoor cycling style.

By respecting the natural biomechanics of your muscles during the athletic effort, you **can reduce muscle fatigue** and **significantly improve the effectiveness** of your home workouts.

RESPECTING THE BIOMECHANICS OF CYCLING

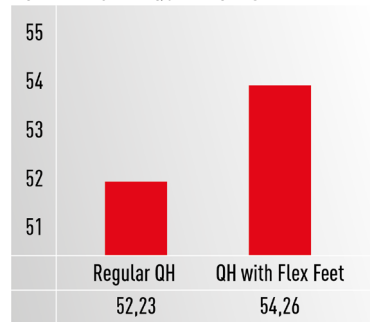
Biomechanics is used in cycling to **increase the efficiency** of the athletic gesture, ensure **maximum comfort on the bike**, and **optimize aerodynamics** on the saddle.

The goal is to **improve athletic results** by taking the **individual needs and fitness of the athlete** into account, needs which fall within the so-called "**morphology of the cyclist**".

Biomechanical tests performed on different subjects in terms of fitness, cycling morphology, and goals of the athlete, have shown how the presence of **lateral sway** on the trainer—and therefore the possibility of replicating the **natural oscillation of the bike** during training—benefit the **improvement of the muscle effectiveness** of the shoulders, back, buttocks and quadriceps.

By customizing the flexibility of the feet of the trainer according to your athletic profile and your position on the bike, you will be able to respect the **physiological movements of the pelvis** even when you train at home, allowing you to simultaneously reduce tension in the muscles of your shoulders and back.

ACTIVATING THE QUADRICEPS



Qh (Quadriceps/Hamstring ratio): force relationship between knee flexors and extensors. By using feet that provide lateral sway, there is an increase in the activation of the leg extensor group.

FRONT WHEEL SUPPORT INCLUDED

The **Travel Block** front wheel support is included in the package with the **Justo**, perfect for improving the bike position during training.



FEATURES

HOME TRAINER TYPE	Interactive direct transmission with electronically managed magnetic brake
SPROCKET CASSETTE	Not included
POWER METER	Integrated OTS (Optical Torque Sensor)
ACCURACY	± 1%
WIRELESS COMMUNICATION	ANT+™ (FE-C, Power, Speed&Cadence) and Bluetooth (FTMS, Power and Speed&Cadence)
MAX SLOPE SIMULATED	24%
MAX POWER	1100 Watt (20km/h) - 2300 Watt (40km/h)
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
OUTPUT	Power, speed and cadence
FLYWHEEL	6,2 kg
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 10x130-12x135 (cod. 1014306) Specialized SCS Ø 12x135 (cod. 1014087) Boost Ø 12x148 (cod. 1014303) Super Boost Ø 12x157 (cod. 1014346) *available on www.shopelite-it.com
CASSETTE COMPATIBILITY (freehub included)	Shimano®/SRAM 9/10/11 speed Shimano® 12 speed road SRAM NX 12 speed
FREEHUBS AVAILABLE*	Shimano Micro Spline (cod. 1014315) Campagnolo (cod. 1014233) SRAM XD/XDR (cod. 1014279) *available on www.shopelite-it.com
CONNECTION INDICATOR	Power source, ANT+ and dual Bluetooth
FIRMWARE UPDATE AVAILABLE	Yes
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)	570 x 720 x 520 mm / 22,44" x 28,35" x 20,47"
CLOSED (L x W x H)	570 x 195 x 520 mm / 22,44" x 7,682" x 20,47"
WEIGHT	17 kg / 37,48 lbs