



# Rampa

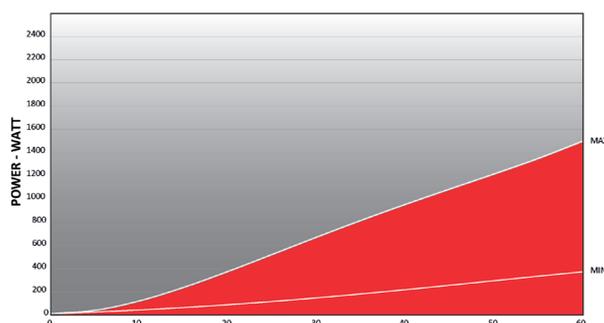
## Smart Interactive Trainer

RAMPA is a latest generation wireless electronic hometrainer that uses a double communication protocol system (ANT+™ FE-C and Bluetooth Smart) to easily connect with iOS or Android smartphones and tablets via the Elite My E-Training app that professionally manages indoor training sessions.

It also features Real software for PC Windows that is as easy to use and exhaustive as the My E-Training app. These two options offer video simulations of RealVideo (pro races designed by Elite), My RealVideo (courses created by the user community), training programs, free training, Google Maps courses, the saving and analysis of training data, data export in many formats / providers and many other options.

Additionally, third party software, such as Zwift, Kinomap, TrainerRoad, etc., easily connects to the RAMPA for a wider range of indoor training customization.

**POWER VS. SPEED**



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All cyclists, from amateur to pro, can benefit from using the Rampa, whose features make it an interactive training tool of the latest design:

- wireless communication: double ANT+™ FE-C and Bluetooth Smart protocols manage the hometrainer, and are very and stable safe from interference;
- high power output: the hometrainer generates power that can simulate slopes up to 8-10% (for instance, 800 Watts at 35 km/h);
- oversized flywheel: smooth pedalling under any circumstance and a faithful reproduction of outdoor training sessions;
- wider Elastogel roller (an exclusive, Elite-developed material): increases hometrainer/tire contact area, reduces tire wear and increases quietness;
- new frame design: simpler to set up thanks to the "Fast Fixing" locking system and the "Automatic Tension Plate" that adjusts the contact pressure between wheel and roller;
- Elite My E-Training app: manage, analyze and display power, speed, cadence, heart rate, time and distance data for professional interactive training;
- ANT+™ FE-C compatibility: adds access to several additional training programs.

## HARDWARE FEATURES:

### Resistance unit

The electronically managed magnetic resistance unit produces an extensive range of power output, for instance at 40 Km/h it varies from 200 Watts to 1060 Watts.

Slopes of up to 8-10% can be simulated; the system guarantees about 800 Watts at 35 Km/h.

Rampa has the highest wattage accuracy than any other trainer\*, thanks to an initial calibration process and the accurate movement system of the resistance.

\*in the range of the products that use algorithms to calculate the power values.

This calibration of every single unit, conducted on a control desk fitted with a professional ergometer, calculates and records internally each item's performance – by this means, any Elite or third party app or software can correctly manage the resistance and power of your training session.

The red Elastogel roller (the hometrainer/tire contact point) features an Elite-developed polyurethane mix, tested by Uni Padova labs, that reduces tire noise by 50% and roller wear by 20%.

The larger than usual 40 mm diameter roller allows for:

- increased tire/roller contact area means less slippage and more efficient power transfer between wheel and roller;
- lower roller rpm delivering the same speed reduces resistance unit strain.



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## \_ Wireless data transmission and resistance adjustment

Data transfer is completely wireless via the ANT+™ and Bluetooth Smart protocols. Both are very secure and protected against interference from multiple devices in the same area.

The RAMPA hometrainer sends data by the following ANT+™ profiles:



ANT+™ FE-C (Fitness Equipment Control)



ANT+™ Power



ANT+™ Speed&Cadence

Moreover, the RAMPA sends data by the following Bluetooth Smart profiles:



Speed&Cadence  
Power

Having multiple profiles allows the RAMPA to display data on many different devices such as smartphones, tablets, computers, cycle computers and GPS devices. Note: The aforementioned protocols transmit data from the hometrainer, however not all of them allow for total interaction.

Please check Rampa compatibility with the provider of the software/app/device.

## \_ Total interaction with app, software, computer, smartphones and tablets

The ANT+™ FE-C and Bluetooth Smart protocols easily and quickly connect the RAMPA to a compatible computer, smartphone or tablet that can manage resistance levels and display and adjust a wide range of training parameters.

The hometrainer is managed via the Elite My E-Training app for smartphones and tablets (both iOS and Android). The ANT+™ FE-C data transmission allows for third party software such as Zwift, Kinomap, TrainerRoad, etc., to easily connect and be used with the RAMPA. A range of training parameters can then be adjusted to create an individual indoor training experience. The latest cycle computers with the ANT+™ FE-C protocol, such as the Garmin Edge 520 or 1000, can also be used to manage the hometrainer.

## \_ Multi-channel data transmission

The RAMPA, in addition to managing the hometrainer via the ANT+™ FE-C and Bluetooth Smart protocols, transmits speed and cadence data via the ANT+™ Speed&Cadence protocol and power data via the ANT+™ Power protocol and Bluetooth Smart. For instance, you can display and save your indoor training data on cycle computers that feature the ANT+™ Speed&Cadence protocol and ANT+™ Power protocol

## \_ Sensorless pedalling cadence

Cadence is transmitted by a worry-free and sensorless method that uses an algorithm based on the resistance unit's roller rotation speed.

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## Frame

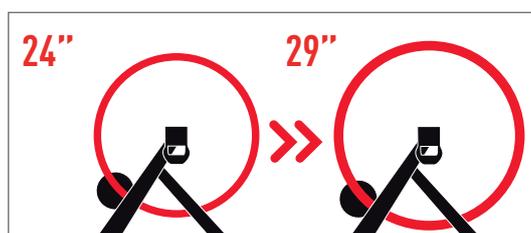
The reinforced frame of 50mm tubular steel and the wide surface make the bike+hometrainer combination very stable and secure under any riding situation, such as steep slopes or intense sprints.

The frame is compatible with road and mountain bicycles with 24" to 29" wheels.

The "Fast Fixing" bicycle locking system makes installing the bicycle:

- safer: the lever locks automatically, no other operations are needed;
- easier: just pull down the lever to totally lock the bike on the support frame;
- faster: just one hand to lock/unlock the bicycle.

The "Automatic Tension Plate" adjusting system regulates the contact pressure between the resistance unit roller and the tire, always ensuring the ideal pressure, thereby eliminating slippage and reducing tire wear. Operation is very easy, quick and intuitive. The result is the proper pressure for every training session.



## My E-Training APP

The free 12-month subscription to the My E-Training app provides an interactive and stimulating indoor training experience for iOS and Android smartphones and tablets that can wirelessly connect to the hometrainer via ANT+™ or Bluetooth Smart, based on the features of the available devices.

For instance, an iOS device connects very easily via Bluetooth Smart, while an Android device allows a choice of modes based on the specific model being used.

The My E-Training app displays and manages power, cadence, heart rate, speed, time and distance data

### \_ Options:

**REALVIDEO:** train on Elite RealVideos and download hundreds of user-created My RealVideos;

**TRAINING:** constant power, graded level or training programs;

**TRAINING TEST:** generates a month of personalized indoor training sessions after an evaluation test;

**MAP RACES:** use Google Maps to create courses from anywhere in the world;

**MULTI-ACCESS:** the app can be used by multiple users on the same device;

**EASIER TRAINING PROGRAMS CREATION:** graphic editor to easily create new programs;

**EXPORT DATA:** export training data on Strava, Training Peaks and MapMyRide;

**RECORD GPS:** record the GPS route of outdoor training and turn it into an indoor training course;

**IMPORT GPS DATA:** easy to import data from GPS cycle computers;

**MATCH:** you can train on a virtual course and challenge other users;

**IN-CLOUD DATA:** saves training data in the cloud so it's available for multiple devices;

**VIDEO PLAYLIST:** creates a playlist for your training session with videos on the device;

**SHARE RESULTS:** all training data can be saved, exported and shared on social networks, so progress can be monitored over time.



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