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High Kinetic Energy Cycling Ergometer

Thank you for inquiring about the only portable high kinetic energy cycling ergometer. This ergometer simulates the actual kinematics of riding on the road at high speed. It is ideal for endurance and sprint type training, pre race warm up and can also replicate motor pacing.

Features include:

- Improved motor pattern recruitment due to similar kinematics to cycling. The ride characteristics are matched to the riders kinetic energy and power curve, this is the only portable trainer that has the same kinetic energy as riding on the road. It is possible to replicate high kinetic energy training such as motorpacing. Other trainers have low kinetic energy (similar to climbing), why train on a low KE trainer when racing is high KE?

- Portable (weight 13kg, size 350mm x 700 x 600) Designed to travel with features such as belt drive system that requires no maintenance, does not need oil or lubrication, doesn't pick up dust or grit and makes no mess. Due to the design where the rear wheel is replaced by the trainer there is no wear on expensive race tyres or wheels.

- The trainer can be used with a normal bike speedo which can have a calculated wheel size entered for a rider mass range, riding at the indicated speed is the same as riding at that same speed on the road. If using a wireless SRM this can be integrated into the SRM input. Cable type SRM's can also be fitted with a special rear wheel speed cable as an option. A magnet has been attached to the drive pulley along with a SRM type speedo mount. Please refer to Figure 1 below for speedo placement

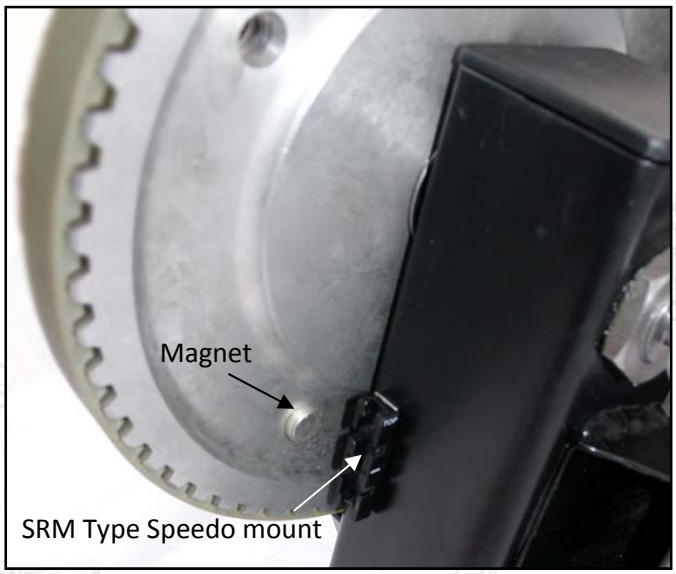
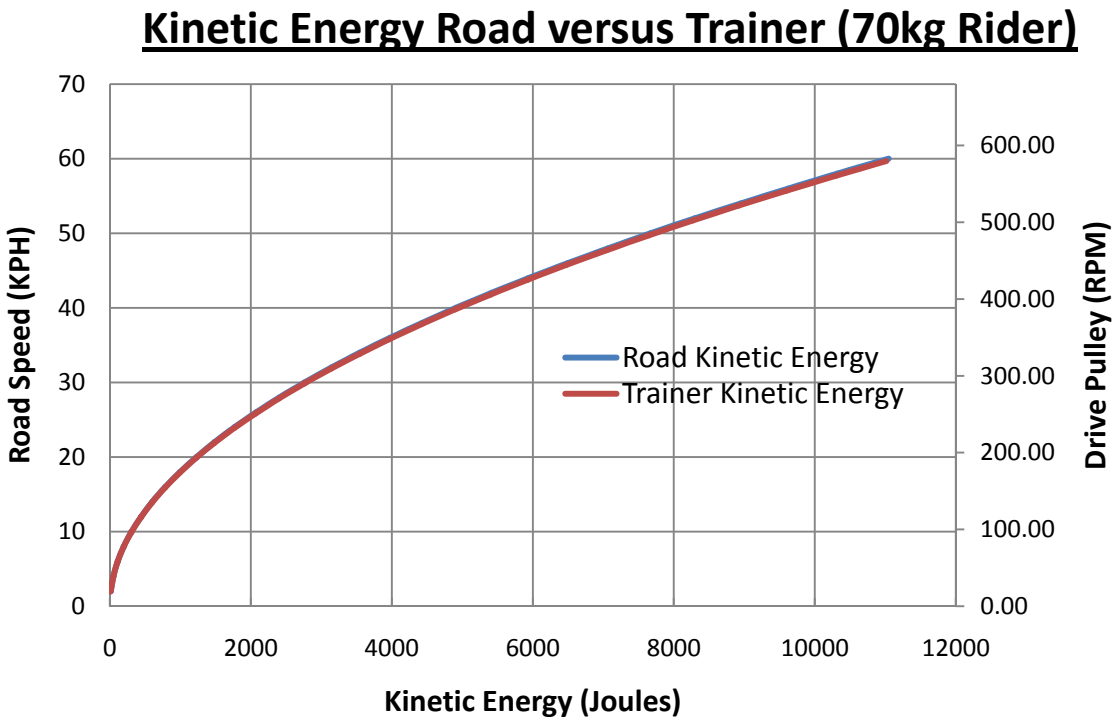


Figure 1

- The cassette cog system is based around a Shimano® 9/10 speed cassette body. It comes fitted with a 11-21 Tooth 10 speed cassette which will cover all typical training conditions. The cassette can be easily replaced if required using standard tools.

- The frame is heavy duty powder coated steel tube design, all the components are designed for durability and minimal service.

- Below is a typical kinetic energy curve for a 70kg rider on a standard bike travelling on a flat road. This curve shows how the this trainer has matched the kinetic energy to the road, thereby providing a similar training effect.



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