

*Changing the world
with each pedal*

motoboost****

Sohbi Craft Poland

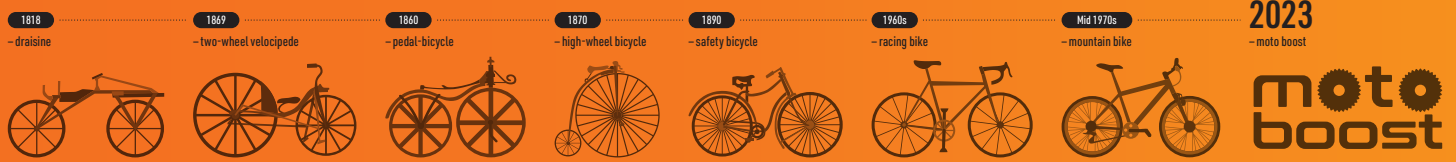
About the project

Did you know?

*Bicycle gear structures have not changed in the last 100 years!
A new bicycle history is coming.*

History of the bicycle

The history of the bicycle was about the pursuit of efficient rotation. In 1890, gears were developed to transmit power to the chain. And in the 1930s, transmissions were developed. However, the gears still had no function other than to transmit power, and these transmissions were unable to eliminate the dead zones. For the first time in 100 years, Free Power Innovations has developed the world's first drive gear with functions other than transmitting power, allowing for the elimination of the dead zones. This is an inevitable result in the historical pursuit of rotational efficiency in bicycles.



Achievements

Muscles become activated and healthy.

- 01 Reduce strain on muscles
- 02 Eliminating dead zones*
- 03 Changing the distribution of rotational forces

*Dead zone is the power loss that occurs at the 12 and 6 o'clock positions of rotation.

According to a study by Free Power Innovations, conventional bicycles use force inefficiently when rotating. In other words, if more force can be distributed efficiently when needed, rotation can be made more efficient. The result is less muscle strain and a more comfortable ride.

How does it work?



01 Snap Start

02 Charge

03 Keep

04 Power

Kinetic energy is built up inside the Motoblast to increase initial speed as well as contribute to the efficiency of the next rotation. At this point, the repulsive force of silicon is not involved. We call this the Snap Start.

This technology enhances the initial kinetic energy and reuses the power that is conventionally lost in the dead zones. In other words, it emphasizes renewable energy.

Silicon plays an important role in the dead zones. The power stored in silicon is used in the dead zone. This mechanism works the same way for the silicon on the other side.

Effects



You can exercise and train your leg muscles evenly, directly helping improve your health.

Conventional bicycles put considerable stress on the calves, meaning riding tends to use muscles unevenly. Motobooast achieves a more comfortable ride by evenly distributing the strain on muscles.



It works exceptionally well on long distance rides, on hills, and on rough roads.

The more resistance and more fatigue, the more effective Motobooast is. Studies have shown that the rate of muscle strain reduction increases over long distance rides, on hills, and on rough roads.

Choose the option right for you

SOFT CASUAL

Easy on your legs

For city riding and if you enjoy riding for recreation.

A softer experience than conventional bicycles, allowing you to ride with comfort



HARD SPORT

Cycling as a sport

For riding on uneven roads and in the mountains.

The same experience as conventional bicycles, but the improved rotational efficiency means you can ride faster.



OUR MISSION

To improve the world by promoting energy conservation and healthy and active lifestyles.

3 GOOD HEALTH AND WELL-BEING



9 INDUSTRY, INNOVATION AND INFRASTRUCTURE



13 CLIMATE ACTION



Our company is an authorized European distributor of Motoboost.

SCPL MISSION

Polish Culture + Japanese Technology = Make the lives of our families and society safer

SCPL VISION

Balance between sustainable development of society and corporate profitability, be a leader in sustainable development.


One family, a million challenges!



CONTACT US

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Free Power Innovations has obtained patents in Japan, Taiwan, and China. Patents are pending in the United States, Canada, and the European Union.
With development cooperation: free-power-innovations.jp