

# FANTURBINE

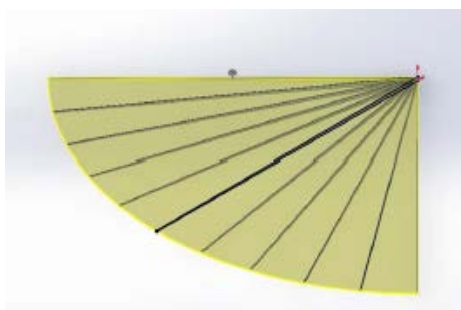
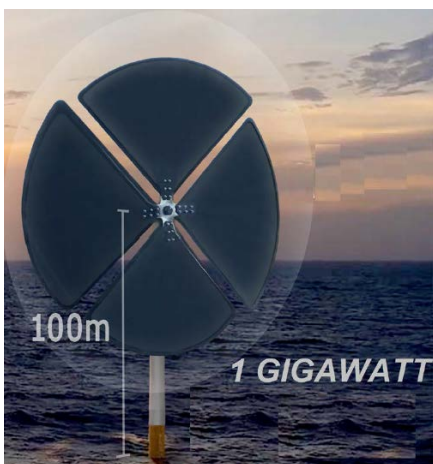
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## Gigawatt Wind Turbine to Beat Climate Change: Revisiting Betz's Law

New York NY Oct 19, 2021, ALENTINO LTD the world's leading manufacturer of multi-core carbon products, today unveiled the world's first drag based carbon wind blade in centuries. This design may help solve the global climate crisis, with its ability in principal to capture over 1 Gigawatt of energy. The company has partnered with the leader in the Industry, Composites One to bring their patented microsphere to new composite applications.



Scholars have revisited Betz's laws which have been the unquestioned rule for one century with the invention of airplane wings. With a new carbon ribbed molding technology which can mold monocoque ribbed fan blades with I-Beam construction, fan-shaped or "drag" blades can now withstand over 150 mph winds for the first time ever. The design returns to the pre-Betz era original windmill shapes capturing 90% of the wind's energy. The company produces a 5,000 watt unit which is sold on Amazon.com. They can produce up to a 1 Megawatt unit, and claims that the technology can capture a Gigawatt of energy if the blades were retrofitted to existing multi megawatt turbines. "With the advent of new technologies, it's worth revisiting Betz's theories from 1926 which have dominated the industry for a century," according the PhD David Branscomb.



90 degree molded cores is highest strength geometry

The company has published a [white paper](#) disproving its application from Betz's limit.

“These blades can increase the rotation of multi-megawatt turbines 10 fold which would increase the power 100 times. 14 Megwatt generators would output 1.4 Gigawatts, and may be the only viable solution to catch up and exceed the exponential rate of climate change. ,” According to CEO Jerry Choe.

The company has worldwide patents on the use of microspheres in composites and has invested tens of millions of dollars and 10 years in their multicore technology. They promise to revolutionize many



carbon and fiberglass products such as aerospace, boating, and automobile for clean energy, super stable, and no vibration solutions. It is the first technology to produce 90-degree unibody web cores which is the lightest strongest geometry possible. The blades are quiet, visible, and strong so there is no collateral effect on the environment or our aviary friends.

ALENTINO LTD is based in New York was founded more than 10 years ago and has produced over 100,000 units of

multicore products.

For complete information, visit:

[www.alentino.net](http://www.alentino.net).

[www.reversefan.com](http://www.reversefan.com)

[Video at https://youtu.be/Y\\_1vn\\_O298w](https://youtu.be/Y_1vn_O298w)



<https://www.amazon.com/dp/B09SN6F3L9>

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