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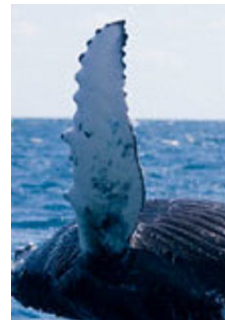
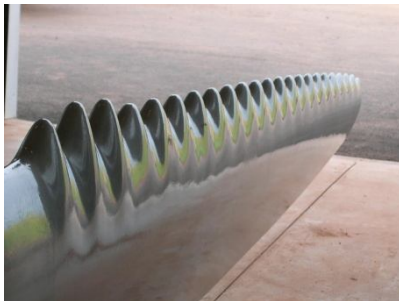
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Tubercle Technology™ **THE WHALEPOWER TECHNOLOGICAL BREAKTHROUGH**

The Right Technology and Right on Time

WhalePower's Tubercle Technology™ is a green power breakthrough which will allow a new generation of turbines compressors, pumps and fans to deliver previously impossible levels of performance. It is protected by a fundamental patent and a broad Patent Pending. And best of all, it requires only minor adjustment of conventional manufacturing technology to bring quickly to market.

In a time when extravagant claims of environmental breakthroughs are common, it is easy to assume that the claim that Tubercle Technology™ will change a great deal of the energy future might be dismissed as hype but that would be a mistake. On the contrary, it may be an understatement.



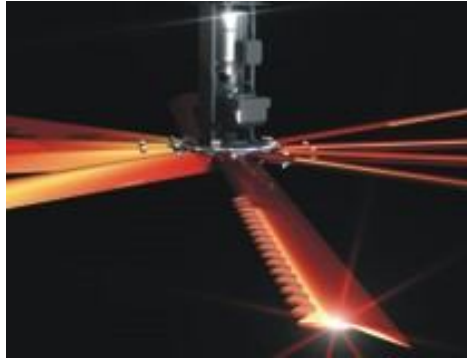
Building the Energy Future on a Million Years of Field Tests ***A Major Advance Built on Hard Science***

Tubercle Technology™ is based on the "tubercle effect" discovered by WhalePower President, Dr. Frank E. Fish. It is not a theory: The science is rock solid. Frank's studies of Humpback Whale flippers with the wonderful bumps known as tubercles led to wings that could be tested scientifically. In the past few years, studies conducted in military wind tunnels and in university wind and water tunnels have been published in leading scientific journals¹. These studies have proven that Tubercle Technology™ foils are more than a new *design*: They are a new *kind* of airfoil, the first discovered in more than 50 years. They are also the only airfoil that does not operate with laminar flow.

¹ Scientific publications from leading peer-reviewed journals are available on request.

Fans

The first Tubercle Technology™ machines to come to market are big 24-foot fans developed for Envira-North Systems of Seaforth Ontario which began shipments to customers in May 2009.



The fans are simply outstanding when compared to what was previously their state-of-the-art fan.

- 5 blades replace 10
- the 5 blades are 25% more aerodynamically efficient -- they move more air and move it more smoothly
- aerodynamic blade noise (the predominant source of fan noise) is less than 1/5 of the conventional fans
- the lower noise is also an indicator of Tubercle Technology's hyper-stability which also lowers vibrations which cause wear and tear on the blades and drive train
- best of all, they consume 20% less power.

The Tubercle Advantages

The bottom line is this: Tubercle Technology™ blades out-perform *all* conventional airfoils:

- No other blade can deliver stall angles as high as 31 degrees.
- No other blade *always* stalls gradually.
- No other blade can *eliminate* span-wise pumping – the primary cause of efficiency loss in all rotating systems.
- No other blade can *eliminate* tip stalling – the primary cause of blade noise and damaging vibration.
- No other blade can match a Tubercle Technology™ blade when it comes to generating substantially greater lift while literally reducing drag rather than paying a drag penalty.

These are proven benefits. Tubercle Technology™ blades dramatically increase the efficiency and stability of all kinds of rotating machines so much so that every other known airfoil must be considered obsolete technology for all kinds of turbines, compressors, pumps and fans.

For additional information contact admin@whalepower.com .