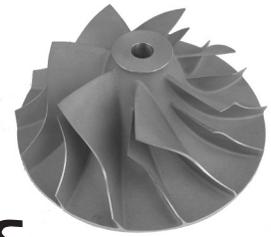




Air Superiority News



Volume 1 Issue 2

vortron.com

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Vortron's Technology In Review –

“WORLD'S FASTEST FLATHEAD”



The FlatFire is powered by a Vortech V-1 T-Trim supercharged flathead Ford V8.

On August 14, 2002, during the 54th Annual Speedweek, conducted at the Bonneville Saltflats, the Flatfire flew across the five-mile racecourse to establish the new land speed record for a Flathead powered vehicle, an astonishing top speed of 302.203 mph during a one-way run. The car was still accelerating past the timing lights!

Ford first introduced the flathead V8 engine, at 221 cu in. rated at 65 HP, in 1932. For the Flatfire, an original 1946 cast-iron engine block was Reengineered producing a whopping 700 plus horsepower.

The Vortech V-1T Trim supercharger is an example of the engineering excellence supporting all Vortron Airpower® blowers.

Beginning next month the car will be on display at The Peterson Automotive Museum in Los Angeles for 6 months. For information please visit “Flatfire Racing Team” web site: www.flatfire.com.

State-of-the-Art Machining Capability

“We have invested millions in “lights out,” automated, flexible manufacturing systems (FMS) to streamline our production capabilities and achieve high degrees of accuracy because we believe that quality is measured by customer satisfaction, explained Neil Cummings, Vortron's Manufacturing Manager”

All Vortron compressor products are produced on state-of-the-art machine tools, including a pair of Makino A77 High-Speed Machining Centers, and 4 Hitachi Seiki turning cells. The Makino A77 Horizontal Machining Center has the ability to handle 24 pallets from a two level RGV (rail guided vehicle). Each pallet can be assigned a different job. The Makino A77's built-in geometric intelligence reduces re-work and out-of-tolerance rejections.



Design tools include Virtual Gibbs CadCam, Vellum Solids, Solidworks 2001, and a variety of sophisticated aerodynamic and turbomachinery-specific tools for accomplishing advanced modeling and analysis.

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Air Superiority Air Knife Systems

AirPower[®] is developing a new line of air knives, components and accessories for 21st Century air blow applications. We will be introducing each new addition in coming issues.

Our newly developed Airpower[®] butterfly valves will allow for control of airflow to the air knife. Below you will find a preview of the 2 sizes of butterfly valves: the 3" and the 2".



Vortron's Shows/Meetings

For a more extensive list of shows and meetings, refer to our WEB site at Vortron.com.

October 16-17, 2002 – Western Michigan Plant Engineering Show in Grand Rapids, MI at the Deltaplex. Kerr Pump and Supply will be exhibiting the Airpower[®] Mobile-Aire portable air knife system at booths 300 & 302.



March 12-13, 2003 – 14th Annual Central Valley Engineering & Maintenance Show



Halloween Trivia

While our modern celebration of Halloween still bears traces of its Celtic origins, it has come down to us for the most part as a cross-cultural stew of folk traditions. The word itself, "Halloween," actually has its origins in the Catholic Church. It comes from a corruption of All Hallows Eve. November 1, "All Hollows Day" (or "All Saints Day"), is a Catholic day of observance in honor of saints. However, in the 5th century BC, in Celtic Ireland, summer officially ended on October 31. This holiday, called Samhain (sow-en) was the Celtic New Year, was celebrated November Eve, the night of October 31st, known today of course, as Halloween.