

The Blue Line

The Foust Marketing, Inc. Newsletter

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Pulsafeeder OMNI Series Pumps—Reliable Industrial Design



The OMNI series is designed to be an economical, compact, rugged, simple, and reliable diaphragm metering pump. It features an industrial design to work in just about any application. OMNI series pumps are designed to perform in the widest range of chemical dosing

and metering applications with virtually no maintenance. The OMNI offers the following user friendly benefits:

- Flows to (951 gph) at 60Hz and Pressures to 150psi
- Accuracy to +/- 2% of flow
- Turndown capacity adjustable up to 1000:1 with MPC controls
- Oil Free—Greased for life no oil to buy or change
- Compact and Lightweight—Saves space and easy handling
- Controller Ready—Add an MPC for automatic pump control

- Simple Design—Easy to install and operate
- Highly Efficient—Quiet and cool, standard fan cooled motor design
- Liquid End Materials—PVDF, PP, and 316 SS
- Viscosity up to 1000 CPS
- Maximum (10ft) NPSH

Typical applications include: acids, caustics, bleaches, solvents, polymers, pH control, and many more. For more information, download the complete OMNI Series Pump brochure at www.pulsatron.com/pumps/omni.

Industry Events

- WEFTEC 2009
Orange County Conv. Center, Orlando, FL, Oct. 10-14, 2009
- 53rd Annual IAPD Conference, Caesar’s Palace, Las Vegas, NV Oct. 20-23, 2009
- The CHEM SHOW
Javits Convention Center, New York, NY Nov. 17-19, 20

Notes of Interest

- *More Ridiculous Golf Quotes from the Foust Marketing Team!*
“It is easier to have a lower score if you don’t 3-putt.” — **Josh Wehri**
- “Your attitude today determines your success tomorrow.” — **Keith Harrell**
- “I can do all things through Him who strengthens me.” — **Phillipians 4:13**

Company News

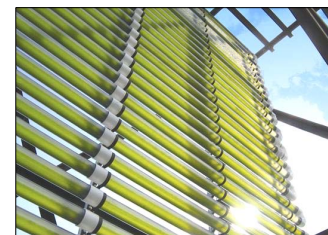
- The Foust Marketing team specializing in offering ASME 31.3 solvent cement training for PVC and CPVC pipe and fittings courtesy of IPS Corporation.

New Technology Relies on EnviroKing™ UV for Photobioreactors

Ternion Bio Industries is going beyond sequestering harmful carbon dioxide (CO₂) emissions. Ternion Bio is recycling CO₂ emissions as food for algae. Carbon capture has become a major focal point with energy companies, refineries, and large industries. Now there is a cost-effective way to deal with CO₂ emissions, and do so in a way that leads to the production of beneficial by-products such as biofuels and nutraceuticals.

Photobioreactors are constructed of steel framing, clear pipe, and pumps in which carbon dioxide is mixed with other nutrients to feed algae. The algae can then be converted into product like biofuels.

Developed as a clear PVC piping suitable for exposure to sunlight, Harvel’s EnviroKing™ UV is a cost-effective solution for photobioreactors and other outdoor applications, including



biofuel processing, sight glass, filtration, process and development. EnviroKing™ UV utilizes an exclusive UV-blocking technology that prevents harmful
(Continued on page 2)

King Plastic—There’s A Little Green in Every Color



When producing the sheets, King Plastic uses processes that are non-polluting and conserve energy and natural resources, making it economically sound and safe for employees, communities and consumers. The polymers are completely recyclable and material waste is recycled back into our products. When cutting or fabricating, there is no harmful dust, but instead small shavings that are recycled. It contains no known harmful substances, including carcinogens or toxins. Off-gassing does not occur when the sheets are cut and fabricated, and if burned, no harmful gasses are emitted. It is not necessary to use acids or harsh chemicals for cleaning or maintenance. The outstanding durability of products made using our material maximizes product life cycles thus reducing the overall impact on our environment. For more information, visit www.kingplastic.com/LEEDratingpoints.aspx.

New Technology—Continued



ultraviolet wavelengths that are damaging to PVC from penetrating the piping surface while allowing light wavelengths that are beneficial to algae growth to pass through.

The inner workings of Ternion Bio's photobioreactor—the algae and their growing environment—are contained in smaller BioBlade™ units, open metal frames containing stacks of interconnected horizontal runs of EnviroKing™ UV clear pipe that circulates the algae. Each

BioBlade™ slides into a photobioreactor structure in a fashion similar to a computer server “blade” sliding into a chassis.

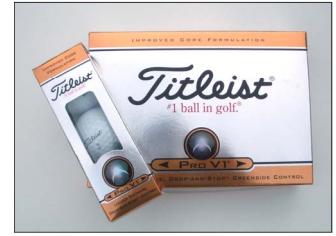
The photobioreactor system uses more than 700 gallons of treated water per BioBlade™ unit, and each BioBlade™ has its own 250-gallon water tank and pump. If one BioBlade™ experiences mechanical problems, its isolation from the other reactors means that the rest of the system will not be affected. Harvel EnviroKing™ UV Thinwall™ provides the optimum dimensions and optical properties for use in Ternion's photobioreactors and forms the backbone of their systems.

For more information, contact Harvel at 610-252-7355 or visit www.EnviroKingUV.com today.

Enter to Win Titleist Pro V1 Logo Golf Balls

Foust Marketing is offering the opportunity to win a prize in this issue of *The Blue Line*.

This issue we are offering a sleeve of Titleist Pro V1 logo golf balls from **Foust Marketing** to the top three entries.



Enter by visiting our website with the correct answers to the following questions.

1. What type of controller can be added to Pulsafeeder's OMNI Series Pump? What is the maximum gph at 60Hz?
2. What gas has Ternion Bio Industries cost-effectively reduced with the algae technology?
3. List two “green” features of King Plastic's products.
4. List two applications for Harvel

EnviroKing™ UV clear PVC pipe other than algae.

5. In what type of IPS installation training does the Foust Marketing team specialize?

Winner of the personalized Louisville Slugger bat courtesy of **NIBCO** from the last issue:

Eric Fraser
Kansas Water Technologies
Valley Center, KS

Complete the entry form at www.foustmarketing.com/entryform.htm.



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