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### What's New?

## Phoenix Composite Final Filter System: Accumulates No Dust in Filter Enclosure, Self- Cleans, and Tests at Zero Emissions

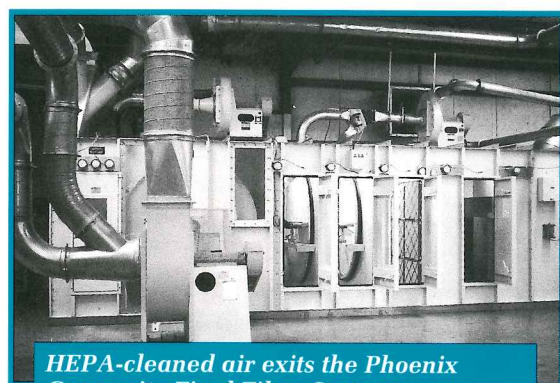
by Marty Price

The most radical departure in final filter technology of the past ten years is the new Phoenix Composite Final Filter System. It is designed to enhance the filtering capabilities of the Osprey Rotary Drum Filter, the Multi-line Filter, and the Phoenix Filter System.

Several different types of filter technology have been united in the Phoenix Final Filter. The result is a system which has no dust accumulation in the filter enclosure, and has no measurable particle emissions.


The advantages of the new design are several, including longer media life, and less maintenance and production downtime. Most significant, however, are that the Phoenix Composite Final Filter does not expose personnel to dust for filter cleanout, and that HEPA-cleaned air exits the Filter to the outside or back into the plant. Additionally, the Filter has no venting requirements.

An extensive battery of tests this past summer confirmed the zero particle emissions reading



HEPA-cleaned air exits the Phoenix Composite Final Filter System.

from the final stage HEPA filter.

Unlike the standard Final Filter, the Phoenix Composite Final Filter operates without compressed air, making it easier to install and maintain. Like the standard Final Filter, though, the Phoenix automatically self-cleans, and can handle large volumes of air. The Phoenix Composite Final Filter may also be applied to multi-line applications, and under certain conditions, can even be applied to existing Osprey filter systems. 

## Osprey Showcases New Systems at SINCE 97 and IDEA 98

by Ken Best

### SINCE97: November 3-5, 1997, Shanghai, China

Stand #116 at SINCE97 was a good place to find out about new Osprey systems and equipment. The 7th Shanghai International Nonwovens Conference and Exhibition took place in the Shanghai economic zone, China's largest industrial center, in a country where nonwovens production, according to show literature, will reach 250-300,000 tons in the year 2000.

### IDEA98: April 21-23, 1998, Baltimore, Maryland

We'll look for you at Booth #2416 in April, when IDEA98, the International Nonwovens Conference and Exposition, comes to Baltimore here in the U.S. The IDEA Show continues to grow each time it is held; the 1995 show attracted 6,000 attendees, 20% more than IDEA92.





## New Osprey Representatives

### In Brazil

Mr. Armando Gurgel has joined longtime associate Paulo Borba to form our representative team in Brazil.

You can reach Mr. Borba at:  
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Tremembe, Est. S.p.  
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55-12-272-3449

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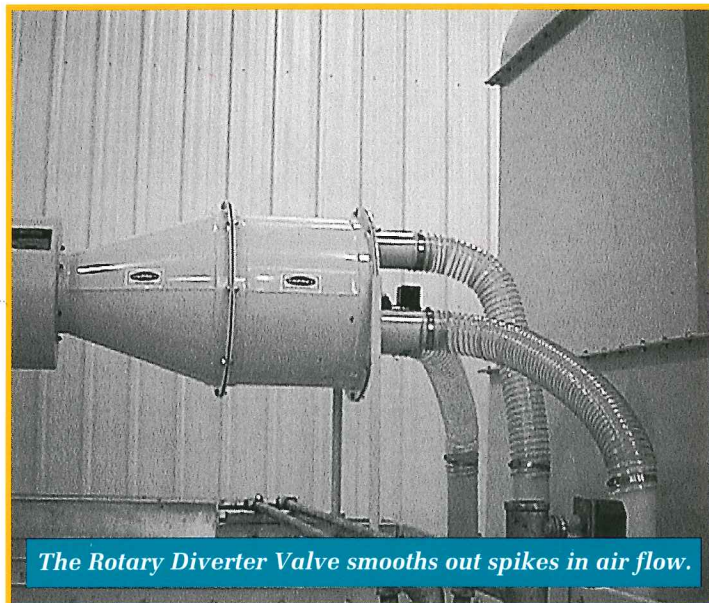
## Take Part News from the Osprey Parts Department

By David Ankenbrandt

I'm happy to join Osprey, especially in the parts department, which is an intersecting point for so much of what goes on here. Bill Smith and I look forward to working with you, and we hope you will call us whenever you need help.

We have a few items of news you may want to know:

- The **new drum seal** Marty hinted at in the winter '97 issue of the newsletter is available. Two features make it convenient and highly usable. One, its spliced construction makes it a breeze to install. Two, it is available in two different materials: rubber, for use with the auto-lube, and with silicone impregnation, which requires no lubrication.
- We are also offering a **retro-fit kit for the new Rotary Diverter Valve**. The new diverter valve eliminates the old-style flapper valves and smooths out the spikes in the air flow that occur in certain conditions with the use of the standard diverter valve. In addition, the Rotary Diverter Valve has fewer moving parts, and requires no compressed air, making it more dependable and demanding less maintenance. The Retro-fit Kit allows you to install this new valve assembly in place of the old pneumatic manifold design.
- There have been price increases in the parts department, so if you are calling to place an order from a quotation, be sure to **reference the quote number to receive your quoted prices**.
- You can receive a **15% discount on all Final Filter cartridges** ordered before December 15, 1997.



The Rotary Diverter Valve smooths out spikes in air flow.

|   | Regular price | With discount |
|---|---------------|---------------|
| 26" Final Filter Cartridge (FILMSC 08342) | \$102.90      | \$87.47       |
| 14" Final Filter Cartridge (FILMSC 08883) | \$73.50       | \$62.48       |

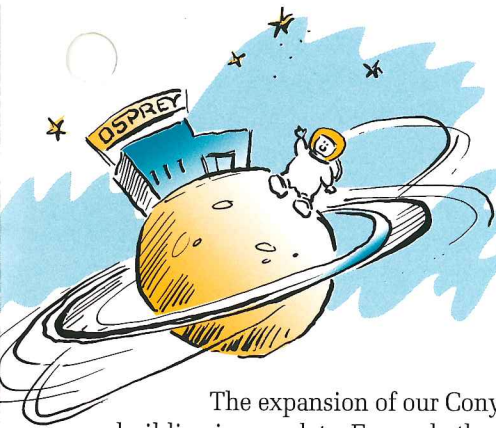
- **We have opened a warehouse in Helsingborg, Sweden**, to stock spare parts for faster delivery to customers in Europe. 🌐

News Flash —

## Osprey Is Awarded Patent for Phoenix Drum Filter

We have just received notice that the U.S. Patent & Trademark Office has issued Osprey a patent for the Phoenix Rotary Drum Filter. The patent was issued for the methods that achieve virtually nonexistent dust accumulation inside the drum enclosure.





## Osprey Grows at Conyers: Generation II Takes Off

### Expansion Makes Room for Better Product Testing and Assembly

by Steve Smith

The expansion of our Conyers building is complete. Formerly the exclusive domain of research and development, Osprey at Conyers has grown from 13,500 square feet to 34,000 square feet, and now accommodates even more testing and demonstration equipment for our customers, as well as an expanded machine shop and our assembly department, formerly housed in the Atlanta plant.

The increased area gives us

enhanced testing capabilities. We can modify systems to simulate your factory set-up and any special requirements you have, to give you accurate and applicable test results. Systems for separation, filtration, reclaim, and material handling are always assembled and ready for product testing. Also available are equipment and systems for size reduction, plastics reclaim, edge trim, and scrap collection.

Quality control is the other increased benefit we've gained by way of

the Conyers expansion, in the move of our assembly department to the larger facility. With its proximity to Product Development, pre-assembly of both new and prototype equipment has been greatly enhanced.

Back in Atlanta, our facility on Briarwood Road continues to house fabrication, engineering, and painting, as well as our main offices. 🌐

## Ospreytalk New birds in the flock...

A year ago, **David Ankenbrandt** made a departure from his eleven-year career in education to spend the summer working in our engineering department. Now he has accepted a more permanent assignment, to head up our parts department and lead customer service.

David's previous work was rooted in science: he earned his Chemistry degree at Auburn University, a Master's degree in Education from Emory University, and went on to teach high school chemistry in the Atlanta public schools.

In his new position, David's first priority will be to concentrate on what has always been the primary obligation of the parts department: to provide reliable and timely service for our customers.

David is an avid soccer player and golfer. He was married two years ago and this April became the father of a little boy, Richard Tate.

**Ken Best**, experienced field technician for Osprey, has assumed the responsibilities of Osprey marketing. One of his thrusts in this area will be to improve documentation for installations, start-ups, and maintenance of Osprey systems. Ken will continue to have some responsibilities in field service, to keep in touch with your changing needs and manufacturing trends.

Ken's background includes 27 years in the textiles and nonwovens industries. He already has two years experience with Osprey.

**Mark Hood** joined us this spring as a service technician. His work includes field service and installation of both Osprey equipment and Firefly Fire Prevention Systems.

Mark was born and bred in South Carolina. He worked in electronics for four years in the United States Navy, then as a

biomedical technician in a hospital for two years before coming to Osprey. In his free time, Mark golfs, skis, bowls, plays softball...in fact, takes up almost "any sport that involves a ball or a stick."



**Heide Barrowman**, our export coordinator, handles both our shipments and imports, providing shipping details, estimates, and direct communication to all of our customers.

Born overseas in West Germany, she spent most of her life in Colorado, where she attended Metropolitan State College in Denver. She has worked for eight years in exporting, and in her spare time does some water skiing, as well as bodybuilding. Last month she placed first in her class at the First Annual Supernatural Bodybuilding Contest.

Engineer **Pat Phillips**, who earned his P.E. certification in June of 1996, has been promoted to head of the engineering department. Pat has nine years' of experience with Osprey. In his new position he plans to form training programs for our customers' technicians and for our own growing body of technicians and engineers. Pat is a Florida native; he grew up in Miami and then came to Atlanta to earn a Bachelor of Aerospace Engineering degree from Georgia Institute of Technology. In his free time, Pat is a Cubmaster—a leader for the Auburn, Georgia, Cub Scouts boys' organization. His son Jonathon is one of the Cub Scouts in his group, and his wife Robin is the den leader. 🌐



## What Else is New?

by Kirk Harpole

### Nozzle Purge Collector Takes Care of Nozzle Purge Dust During Production Stops

The Nozzle Purge Collector (NPC) is a reservoir for unwanted nozzle dust from one or multiple drum filters, especially suited for use on sanitary napkin lines or during machine stops when you do not wish to circulate air back into the drum filter. The NPC System has a distinct advantage over bag filters, which require more space and maintenance.

The NPC collects nozzle purge dust and is 99.999% efficient down to 0.5 microns. As the cleaned purge air exits the top of the collector it can be discharged into the factory environment itself if necessary.

### Outside Light Fixture Can be Serviced While Drum Filter Is Running

A new fluorescent light fixture is available which can be serviced from the outside of the drum filter while the system is running. The fluorescent fixture typically operates at cooler temperatures and offers extended service life over other light fixtures. It is a standard feature on the Phoenix Filter, but it is also offered as an option on the standard Osprey Drum Filter or as a retrofit on existing units.

### Briquetter Densifies Waste


The Osprey Nozzle Purge Collector (NPC) may be fitted with an Osprey Briquetter which will densify the nozzle purge



*The Nozzle Purge Collector is 99.999% efficient down to 0.5 microns.*

waste at a ratio of 30 to 1. Available in models for specific use on different materials, the briquetter can also be used in other capacities. Contact Osprey Engineering or Sales for more details, samples, and video.


### Simplified Stack Sampler Maintains Accuracy, Can Measure High-Volume Airflow

Our new stack sampler can check your emissions on location at the factory. Easy to use, it retains accuracy even with its reduced size. 

### On the Drawing Board

by Marty Price

#### Concept for a SAP Separator That Would Sidestep Fluff Recovery

We're working on a compact SAP Separator System that will separate SAP only, no fluff, from reject diapers. The system would require less space and less initial cost than a complete Fluff and SAP Separation System. We are designing the system so that it can be expanded into a FS-150 system. 



**OSPREY**  
Newsletter

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