



OSPREY *Newsletter*

A Publication of the Osprey Corporation

Fall, 1989
Vol. 2, No. 3

INSIDE:

**Osprey Finishes
15 Big Ones**

“What’s New”

**And Now for
Something
Completely
Different**

**Moving and
Expanding**

**EPA Method
5 Testing**

“On the
Drawing Board”

Osprey Finishes 15 Big Ones

At the end of August, Osprey completed its 15th year in business. Prior to 1974, John Cork, Osprey’s President, was selling air filtration equipment for another company. Barron, Inc., located in Atlanta, Georgia, had been contracted by John’s company to produce many of these filtration components. Much of the day-to-day operation of Barron was performed by Tom Barron, Jr. and Jim Harpole.

In 1974 it appeared that the company John worked for was going to dissolve and, obviously, leave John without a job, and Tom and Jim without a contractor. Jim came up with the idea that just because John’s company was dissolving there was no reason for him to quit selling filters, nor for Barron to quit building them. So, before long Osprey was created with a desk, a telephone, a soon-to-be-hired secretary and, of course, John.

Osprey’s first few years were spent building mainly OEM filtration equipment for other companies. As the 1970’s closed out we were getting into systems work rather than components only. Most of this work was in the Textile Industry. By that time we had one salesman (John), one secretary, one bookkeeper, one engineer, a purchasing agent and one warehouse man. My, what growth!

The early 80’s saw us branch out into the soft disposable market, fiberglass industry and, of course, more textile work. Since then we’ve moved even further into these industries and, in addition, are doing quite a bit in the plastics industry. Our engineering capabilities are basically divided into two areas. John Cork heads

up the Sales Engineering and the initial design end of our business and, yes, we’re all still letting him be President. (John never liked titles.) Jim Harpole oversees Design Engineering, Project Management and Field Technical Services. That one-man Engineering Department, much like a cell in the human body, grew and split and grew and split.....and we’ve grown to four Sales Engineers, five Project Engineers and five CAD operators.

On the production side, Tom Barron has taken us from simple sheet metal fabrication to a true machinery manufacturer. All Osprey Electrical Control panels are built in our in-house Control Panel Department which was started about six years ago. Our Machine Shop was installed in 1985. Also in 1985, an Assembly Division at Osprey was started which takes care of assembling all components both in-house and in the field, plus scheduling, and conducting technician and start-up visits. Like any small company, we’ve had people come and go. But names familiar to you, our customer, have been around a long time; such as Wolliver, Phillips, Hickman, Price, Beal, Smith, Beckum, Smyth and others.

By most people’s standards Osprey Corporation is still rather small. But, we do have three places to call home; two offices in the Atlanta area and one in the UK. We have equipment, and we like to think friends, on six continents. So this completes 15 big ones. It will be interesting to see what we’ll look like at 25. 🐾

happy **15th** *anniversary*



“What’s New”

VIDEO TRAINING SESSIONS

We have completed our first two video training sessions. The first is entitled “Rotary Drum Filter Seals and Filter Media Installation Procedures” and runs just under 17 minutes.

The second tape, running about 45 minutes, is entitled “The Rotary Drum Filter With Enclosure: Assembly and Installation Procedure.” Both are available in VHS or Beta formats and choice of NTSC or PAL television standards.

The “Seal and Media Installation” video shows the proper procedure for fully installing an Osprey primary and secondary seal, along with filter media on an Osprey Rotary Drum Filter. The example shown is a model 6-2-S drum. There is no enclosure, so considerable detail can be observed. At the end of the tape several of the most common problems pertaining to the splice joint in the secondary rubber seal are covered, along with their solutions.

The “Complete Drum and Installation” tape covers most of the seal and media installation and also covers the entire drum filter assembly procedure, from time of shipment from Osprey to final assembly on the production floor. This includes unpacking, checking parts, initial layout on the floor, setting the plenum wall, aligning the drum, installing the drives, building the enclosure, installing the pneumatic manifold and even connecting pneumatic tubing.

To order either tape please select from the following list and contact Jenelle Hickman in our Parts Department.

“Rotary Drum Filter Seals and Filter Media Installation Procedures”

- | | |
|------------------|--|
| VT-100-VHS-NTSC | VHS format, NTSC television standard (U.S., Canada, Mexico, etc.) \$55.00 USD |
| VT-100-Beta-NTSC | Beta format, NTSC television standard (U.S., Canada, Mexico, etc.) \$55.00 USD |
| VT-100-VHS-PAL | VHS format, PAL television standard (Europe, Australia, etc.) \$75.00 USD |
| VT-100-Beta-PAL | Beta format, PAL television standard (Europe, Australia, etc.) \$75.00 USD |

“The Rotary Drum Filter with Enclosure: Assembly and Installation Procedure”

- | | |
|------------------|--|
| VT-200-VHS-NTSC | VHS format, NTSC television standard (U.S., Canada, Mexico, etc.) \$65.00 USD |
| VT-200-Beta-NTSC | Beta format, NTSC television standard (U.S., Canada, Mexico, etc.) \$65.00 USD |
| VT-200-VHS-PAL | VHS format, PAL television standard (Europe, Australia, etc.) \$85.00 USD |
| VT-200-Beta-PAL | Beta format, PAL television standard (Europe, Australia, etc.) \$85.00 USD |

Osprey’s **SAP** unit has now been standardized to operate worldwide on 220 volt, single phase 50/60 Hz. If you do not have a transformer to supply that power we have transformers available.

It’s the latest thing and most soft disposables converters are rushing to jump on the bandwagon. The use of a cylinder-type forming screen rather than the conventional belt (flat) type is the most simple explanation of **drum forming**. This is where “simple” ends. Drum forming eliminates belt tracking and can radically increase speeds. Most drum formers allow 3-D pads or cavity forming. This “cavity” is a shaped depression in the screen surface of the cylinder/drum.

This is all great, but there is a price to pay! Increased speeds require very quick fluff positioning which translates into higher vacuums and air quantities. Osprey has several years experience with these cavity drum formers and can work with you on these systems.

Contact Atlanta Sales for additional technical data. 📧

To order Video Training Session tapes, please contact Jenelle Hickman in the Parts Department.


The Osprey Newsletter is published quarterly by The Osprey Corporation, P.O. Box 49102, Atlanta, GA 30359. Telephone: (404) 321-7776. Telex: 753898 OSPREY UD Fax: 404/634-1401 Editor: Sue Gilman

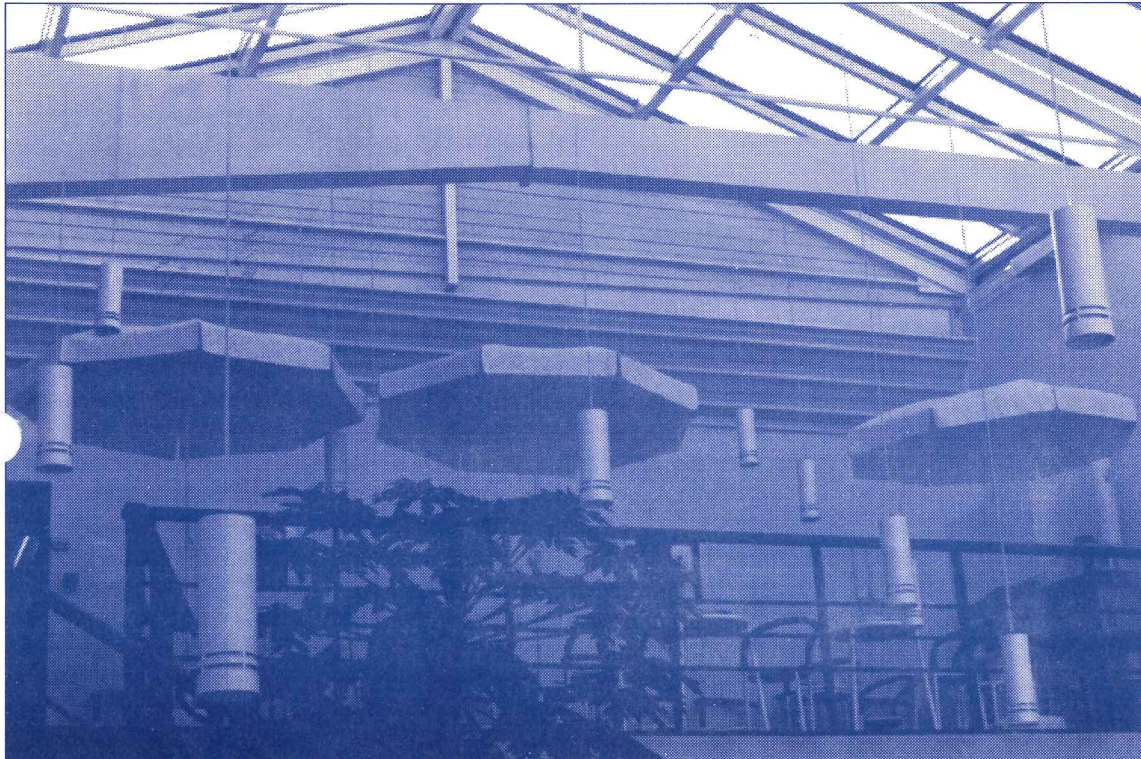


And Now For Something Completely Different... *by Steve Smith*

Production noise fatigue is a way of life for the employees of disposable products operations. Sound dampened Break Rooms are a common request in this industry.

At BAMBO, in Aabenraa, Denmark, they have taken a great step beyond. In a remarkable display of concern for the attitudes and enthusiasm of their employees, BAMBO has created a unique concept. During the expansion of their facilities, they incorporated into

the design a large, "natural" Employee Lounge. Insulated from the sounds of hammer-mills, machine alarms and other production distractions, the area is quiet and open and a glass roof lets in the natural light. Situated on a mezzanine, overlooking a trickling water fountain, the Lounge, complete with live plants, has tables and chairs shaded by umbrellas. Words cannot do their efforts justice. Seeing is believing. 



Words cannot do BAMBO's efforts justice. Seeing is believing.



BAMBO's "natural" Employee Lounge insulates employees from production sounds and distractions.

Moving and Expanding

Osprey Corporation Ltd. has relocated. The new premises, at Whitstable in Kent, are larger and within easy reach of all the major transport links with both the United Kingdom and Europe. The additional space allows for more research and development into pollution control and heat recovery equipment. The new address is:

Osprey Corporation, Ltd.
Units 82-85
John Wilson Business Park
Thanet Way
Whitstable, Kent CT5 3 QU
United Kingdom
Tel. 0227 770979
Fax. 0227 770949 



EPA Method 5 Testing *by John Cork*

Recently, Osprey conducted a filter efficiency test on the Vacu-Max Rotary Drum Filter. EPA Method 5 was incorporated at the inlet and outlet of the filter to determine the grainloading at each location. Using this data, it was possible to determine the efficiency of the filter on that process. Particle size distribution was also conducted at each location. This kind of information enables the Osprey Corporation to manufacture a filter media which is best suited for any operation. This makes your work place a cleaner and healthier environment. The test also gives you good technical base data for future equipment. Please, don't guess! Test! (Current guideline is 5 mg/m³ respirable dust.)

The following procedure is recommended:

1. Sample & Velocity Traverses for Stationary Sources.
2. Determination of Stack Gas Velocity & Volumetric Flow Rate.
3. Gas Analysis and Dry Molecular Weight by Fyrite Analyses of Grab Samples.
4. Determination of Moisture in Stack Gases.
5. Determination of Particulate Emissions from Stationary Sources.
6. Particle Size Analysis by In-stack Impactor.

The services to be performed as described cost approximately:

EPA Method 5 Alone	\$2,800.00
Particle Size Alone	\$2,900.00
EPA 5 with Particle Size	\$3,400.00

Overnight travel, expenses such as food and lodging, not included. ✎

“On the Drawing Board” *by Martin A. Price, Product Development*

Additional **video training sessions** for in-plant training on assembly and maintenance of Osprey products are in the works. Please feel free to let us know which ones you need most.

“**After Filter**” to become part of drum filter and enclosure assembly to trap particulate in the 1 micron and possibly lower range.

We are working on all-new **written drum and enclosure installation instructions** and illustrations. The manual includes trouble shooting and up-to-date parts lists.

Complete Trim Removal equipment primarily aimed, this time, at the Plastics Industry for continuous edge trim removal and collec-

tion, chip handling, film conveying, etc. This line of products will include Osprey's Scrap Handling Fans, Trim Receivers and a complete Osprey manufactured Trim Ejector Line.

What this means is we will be able to convey continuous trim and keep it in continuous form or, in most cases, we can cut the trim up in the air stream without the use of an expensive and high-maintenance in-line cutter. Please call us with your needs.

We will soon have available a scaled down **SAP Separator** for demonstration at our Conyers, Georgia Research and Development facility. ✎



OSPREY CORPORATION

P.O.Box 49102 • Atlanta, GA 30359 • USA

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