



### Index '96

**OSPREY  
BOOTH  
#1334**

**Featuring  
Engineered Air  
System  
Solutions:**


- Rotary Drum Filter
- Phoenix Filter
- Final Filter
- Multi-Line Filtration
- Fluff Separation
- SAP Extraction
- SAP Dosing
- Loss-In-Weight SAP Metering
- Bale Opening
- Polyfilm Scrap and Trim Collection
- Nonwoven Trim Handling
- Venturi Edge Trim PickUp
- Sound Enclosure

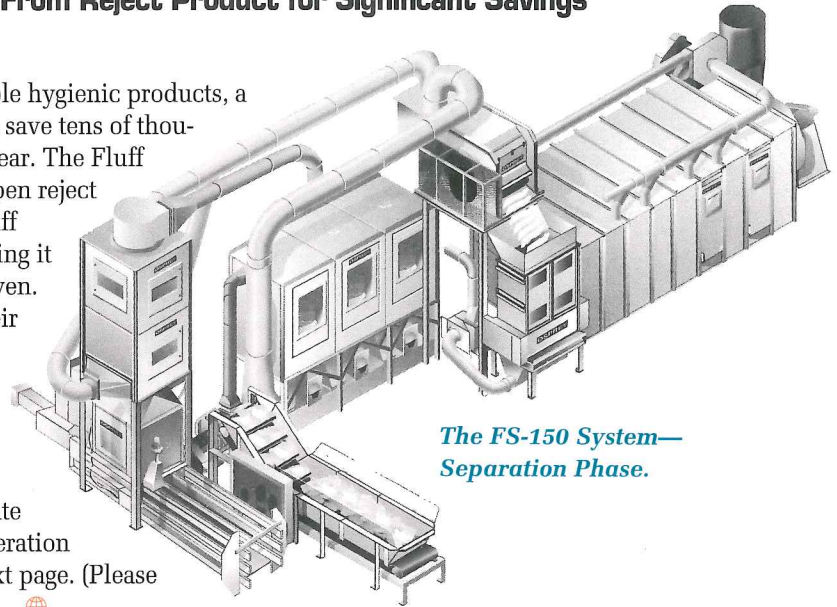
## Material Reclamation Yields Profits

**Whether Pulp Prices Are at Record Highs or All-Time Lows, the Fluff Separation System Reclaims Fluff From Reject Product for Significant Savings**

by Marty Price

For makers of disposable hygienic products, a Fluff Separation System can save tens of thousands of dollars (USD) per year. The Fluff Separation System breaks open reject product and reclaims the fluff and superabsorbent, separating it from the plastic and nonwoven.

With pulp prices at their current rates, a Fluff Separation System can pay for itself and begin generating income, on the average, within 12 to 18 months of installation. You can calculate the savings for your own operation using the formula on the next page. (Please see "Your Savings," page 2) 



*The FS-150 System—  
Separation Phase.*

## Come to INDEX For Experienced Help In Process Air Solutions

by Steve Smith

If the INDEX Show in Geneva is on your agenda in February, you may want to come by Booth 1334 for news on the latest developments in air handling and filtration systems. During INDEX, Booth 1334 will be home to five of Osprey's process air consultants: Jim Harpole, Tom Barron, Steve Smith, Jeff Orwig, and Kirk Harpole.

The four day INDEX Show is one of our favorites, and we invite you to visit our people at the booth. In return, they will be available, as always, to answer any questions you may have about air handling processes. The show is an ideal time to bring your questions to them in person and take advantage of their experience in process air. In addition, you'll find out what



innovations have come out of our Research and Development Center in the past year.

Firefly Fire Preventive Protection Systems will also be featured at the Osprey booth. You can find information there on the technological improvements that have been made to Firefly systems this year, and discover if your own manufacturing process is safely protected from losses.

INDEX '96 is Europe's International nonwovens exhibition and congress. Taking place February 13-16 in Geneva, it is expected to draw over 10,000 visitors, reflecting the great growth the industry has seen in the past decade. Rapid changes in technology have become the standard in the nonwoven industry, necessitating a major international show every year. INDEX rotates in three year cycles with Japan's ENA, next scheduled for 1997, and North America's IDEA Show, scheduled for 1998. 

## The Osprey Fluff Separation System: How It Works

Reject disposable hygienic products are conveyed on demand from the product hopper to the fluff separator section. There the fluff is pneumatically separated from the poly and nonwoven scrap material. Scrap is collected and baled, while the fluff is conveyed to a condenser and discharged into a vertical hopper, or baled for future use.

Versatility is a hallmark of this system. You may operate your system for continuous fluff separation and metering back to the process, or you can collect and bale the fluff for a separate phase of reintroduction into your manufacturing line. SAP extraction, final filtration, and bale opening can also be integrated into the system design, and of course the conveying air is supplied and cleaned by the Osprey Rotary Drum Filter.

The total efficiency of the system averages from 85% to 95% of available fluff. 🌐

## RMA Numbers Ensure Fast Credit to You

by John Linehan

For any item that needs to be returned for repair or credit, call us first for a Returned Material Authorization number (RMA). Please include this number in your packing list and on the outside of the box—this will greatly help us expedite your credit.

Your contact for Osprey parts is John Linehan. Your new contact for Firefly parts is Marsha Vice. 🌐



**OSPREY**  
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## Your Savings

### With the Osprey Fluff Separation System

Use this formula to calculate the savings in pulp cost you would realize from a Fluff Separation System. You will need to substitute your own figures (in blanks) as they apply.

#### Example:

- 250 diaper production rate per minute (per production line).
- 5% reject rate x 250 diapers produced per minute = 12.5 diaper rejects per minute.
- 12.5 diapers x 60 minutes = 750 diapers per hour.
- 750 diapers per hour x 36\* grams per pad = 27,000 total grams per hour.
- 27,000 grams x .001 = 27.0 kilograms per hour.
- 27.0 kilograms per hour x 14 hours production per day = 378 kilograms per day.
- 378 kilograms per day @ 85% reclaim efficiency rate = 321.3 kilograms of reclaim pulp from one production line @ 14 hours a day run time.
- 321.3 kilograms per day at 250 days per year = 80,325 kilograms per year.
- 80,325 kilograms per year @ 950 USD per metric ton pulp cost = 76,309 USD savings per year in pulp cost.
- 76,309 USD savings per year x 4 lines = 305,236 USD total savings per year.

\*Grams per pad cannot be calculated using total pad weight. Typically, 10% of the total pad weight is unavailable pulp due to its location in the pad, glued areas, and die cutting. Your operating expenses will include the cost of labor for one full-time employee per shift and power consumption, which varies, depending on the system. 🌐

## Congratulations to...

- Osprey's Electrical Department Manager John Bellavance! This October he became the first person to win the SARRC (South Atlantic Road Racing Championship) for two consecutive years. He also won the Atlanta Region Championship, and will be featured in the February issue of the publication *Sports Car*.
- And to...Mr. Tetsuji Tazaki, our representative from Moritani Korea, on the birth of his twin daughters. 🌐



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