



INSIDE

OSPREY

A Product Bulletin from the Engineering Department

Autumn 1995



A New Generation of Filtration Systems Emerges at Osprey

The Phoenix Revolutionizes Rotary Drum Filter Design

The Phoenix rotary drum filter (patent pending) represents a complete re-engineering of the traditional drum filter and enclosure.

The new Phoenix design eliminates dust accumulation in the filter enclosure, and in most cases makes explosion venting of the filter enclosure unnecessary. Its pre-assembled construction targets production lines in which simple installation is a priority. The Phoenix system has also retained the characteristics that distinguish the standard Osprey Rotary Drum Filter: it automatically self-cleans, and can handle large volumes of air.

The Phoenix is a radical departure from standard filtration systems, according to Marty Price, Manager of the Osprey Product Development Center. "We spent over a year designing this new system - the

relationship of the drum filter to the enclosure has been totally re-engineered."

The Phoenix handles filtration for a range of manufacturing processes involving different materials. New Phoenix Systems are already in operation in manufacturing facilities on several continents.

Multi-line Drum Filter Design Is Awarded Patent

The design for our Multi-line Drum Filter has just been awarded a patent. The design allows one rotary drum filter to separately handle dust and fiber from more than one production line. This can give you a significant savings in both equipment cost and factory floor space.

We installed the first Multi-line in a facility over two years ago. Since then, the Multi-line has found a home in manufacturing facilities all over the world.

SOLUTIONS

Main Office and
Manufacturing:
1835 Briarwood Road
Atlanta, GA 30329
Tel: (404) 321-7776
Fax: (404) 634-1401

Osprey Product
Development Center:
2001 Gees Mill Road
Conyers, GA 30208
Tel: (404) 922-0448
Fax: (404) 922-0591

A Case History:

Almost as soon as the Phoenix was proven successful, a customer came to us with a need to combine the assets of BOTH of our newest systems - the Phoenix and the Multi-line Drum Filter.

A few months later, their new system is now operating successfully. They have minimal dust accumulation, and multi-line filtration.

You Don't Know Until You Ask:

Many people have been pleasantly surprised to find out what process air options are available to them.

In the case on the left, the customer got the best of all possible worlds - the latest advances in Osprey Drum Filter technology, combined in one system. Call us!

Tell Us What You Need - We Develop Custom Solutions

No two manufacturing facilities are the same. If you're interested in a system described below, we will engineer it to exactly meet your production requirements.

1. Would you like to know more about eliminating dust accumulation with the Phoenix Drum Filter System?

*eliminates need for explosion venting
optional pre-assembly available for most sizes*

eliminates dust accumulation

Yes!

Name _____
Title _____
Company _____
Address _____

City _____
State/Province _____
Zip/Postal Code _____
Telephone _____
FAX _____

2. Would you like to know more about a Multi-line Filtration System for your manufacturing facility?

allows one filtration system to separately handle dust and fiber from more than one production line

Yes!

3. Please send me information on the following systems:

- Rotary Drum Filter System
 Final Filter System
 Fluff Separation System
 Bale Opening System
 SAP Extraction System
 SAP Dosing and Metering Systems
 Sound Enclosure System
 Venturi Edge Trim Pick-up System
 Nonwoven Trim Handling System
 Polyfilm Scrap and Trim Collection
 Firefly Fire Prevention System

Is Your Drum Filter a Dust Trap?

If you think dust accumulation inside your drum filter enclosure is a problem, call us.

We have developed new standards for technologies that solve the problem; we also have some new options for you.

Tell us about your system, and we'll be happy to spend some time with you and give you our recommendation.

Yes! I want to know more about eliminating my dust accumulation problem.



If you'd like more information on any of the systems we've described in this bulletin, please fill out this form and fax or mail to:

OSPREY Corporation
1835 Briarwood Road
Atlanta, GA 30329 USA
Tel: (404) 321-7776 Fax: (404) 634-1401