OSPREY Newsletter

A Publication of the Osprey Corporation

Fall, 1988
Volume 1
Number 3

INSIDE:

Shifting the Burden With the High Heat Collector

by Martin A. Price, Research & Development

Over the last few years, Osprey Corporation has developed a simple product for handling a most unusual problem. The device is commonly referred to as a high heat collector.

Originally, several of Osprey's customers asked for help in removing lint from production equipment and collecting it in another location. This procedure is normally simple; however, lint can contain oil. Also, the air circulating inside the production machinery, which will be exhausted to collectors, ranges up to 350° Fahrenheit. Suddenly, this simple task becomes a major problem.

Previous attempts to solve the problem resulted in clogged duct work, insufficient air flow from machinery and the danger of fires.

Osprey first stopped the clogging by designing a system that moved the air and material so fast that it never had a chance to "rest." As a result, oil traps in the duct network proved unnecessary.

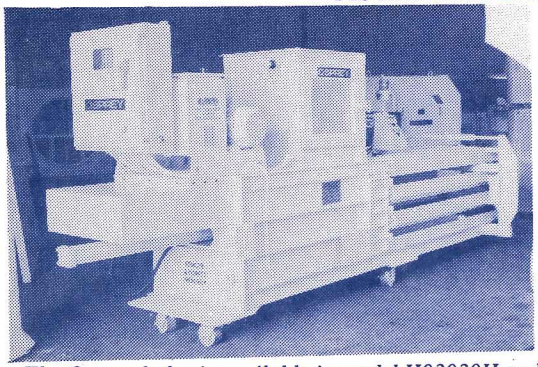
A special material handling fan was built to deal with the high static pressures and temperatures involved. This fan discharged into the high heat collector, which was built of Osprey insulated panels with removable stainless steel screen "V" cells inside. The velocity through the "V" cells was kept as low as possible.

By shifting the burden of oil, lint and heat from inside the plant to a point outside, cleaning the equipment became an easier task. Previously, a company was forced to remove and clean duct work, as well as parts of the production machinery, on a weekly basis. By moving all the waste to an outside collector, an employee could simply clean the unit with a steam jenny or water hose.

The high heat collector contains a hopper with a swing door on the bottom. There is one entry door on the "clean side" of the "V" cells. If this system could help your company solve or improve its equipment problems, contact Osprey for further information.

Osprey Baler Achieves 100% Sales Increase

by Steven K. Smith, Engineered Sales



The Osprey baler is available in model H03030H and H03030L (pictured above).

As manufacturers streamline operations, the capacity to purchase equipment from a single source becomes a desirable quality. Due to this trend, Osprey's ability to provide for total system needs has contributed to a 100% sales increase in the past year of the horizontal, programmable open-end baler.

The Osprey baler is a very reliable machine as a "stand alone" item. With the growing need for multiple-use equipment in the manufacturing process, the baler's flexibility to reduce preventive maintenance and spare parts inventory is an even greater asset. The same baler can be utilized in the compacting of fluff, to be reopened at a later date; or for scrap, to reduce staging area prior to its removal.

Available in two models, the Osprey baler can be operated manually or automatically, with only one visit per bale required for the tie-off procedure. For more information, contact the factory for a brochure detailing some of the machine's benefits.

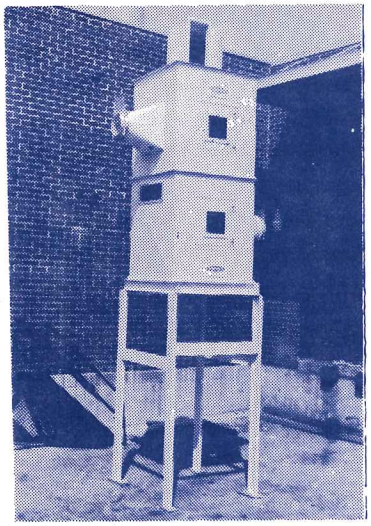
Scrap Collector Product Line Expanded

by Martin A. Price, Research & Development

In the past, Osprey Corporation has offered a scrap collector that the manufacturers of soft disposable products used mainly for the automatic collection of pure scrap from cutouts, reclaim systems, etc. These scrap collectors were mounted above hoppers or automatic balers.

Due to its simplicity and versatility, the scrap collector can also be used with a large variety of products by changing or re-arranging internal sleeve components.

During the past year, Osprey has installed scrap collectors for handling plastic pellets and dust, polystyrene packaging material, paper scrap from printing operations, and cardboard packaging scrap.



Pictured above is the Osprey model SC-50 single cell scrap collector unit.

Besides the greater number of applications, the scrap collector is now offered in several models, ranging from the model SC-50 single cell unit to an SC-200 four cell collector. Each cell, or sleeve, is rated at approximately 5,000 CFM maximum. For collectors containing two or more cells, an optional, bottom-mounted, reversible discharge conveyer is available. A conveyor-equipped scrap collector will feed product to an automatic baler, hopper or manual bagging station.

All Osprey scrap collectors require a balancing fan which pulls exhaust air off the collector. If the air is dusty, which is usually the case, Osprey will provide either a rotary drum filter or a simple bag plenum-type filter.

We anticipate increased usage of the scrap collector in the packaging industry: first, where the packaging is made and large amounts of scrap must be dealt with; and, second, at the point of end use where packaging material is removed and must be handled.

From the Parts Department

by Jenelle Hickman

Customers calling in for drum filter replacement parts should supply model and serial numbers. If you are unsure about the model/serial number, please check the following:

1. Look for the Osprey nameplate giving the model and serial number.
2. If you are unable to find the nameplate, look on the hub of the drum filter for a serial number.
3. If you are still unable to locate the information on the rotary drum filter, measure the diameter of the drum and tell us how many cage sections or nozzles it contains. We will be able to determine the size of the drum filter from this data. Example: Model 6-1-S is a 6' diameter drum with one cage section and one nozzle.

Attention: Plastics Industry!

by Steven K. Smith , Engineered Sales

In a continuing effort to service all industries that demand process air expertise, the products and services of Osprey are now applicable to plastics and the manufacturers of plastics that utilize re-grind.

Producers of sheet, film or bags can benefit from our specialized line of equipment. If your process requires storage hoppers, bins, scrap and trim collectors/separators or final filtration, please contact us for assistance.

"Jaws"

by John M. Cork, Engineering Sales

The saw tooth roll offered by Osprey for volumetric feeders can greatly improve pad weight uniformity on soft disposables. This roll is standard on the VF-12 and can be offered as a retrofit for most other volumetric feeders. The component works in conjunction with a vacuum extraction nozzle. Contact sales engineering if you require more data.

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
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New Optional Access Ladder

by Martin A. Price, Research & Development

Due to customer demand, Osprey Corporation is offering an access ladder as an option for all drum filter enclosures.

With so many accessories mounted on or near the top of an enclosure, such as fire protection components, pneumatic manifolds and nozzle fans, the access ladder is a vital addition to the rotary drum filter system. This optional equipment facilitates maintenance and repair of roof-mounted components. It also serves to encourage periodic inspections since production/maintenance personnel will no longer be forced to find less reliable means for gaining access to the top of the enclosure.

The ladder bolts to the side of the enclosure and includes walk-through hand rails at the top. Available in sizes to fit all models of the drum enclosure, the access ladder can be painted to match the rest of your equipment. If you require further information, please contact the factory.

100% Pure Pulp?

by John M. Cork, Engineering Sales

For many years, absorbent product manufacturers have agreed that the best pad was pure pulp and lots of it. A few years ago, products containing super absorbent polymer made an overnight change in this standard.

Currently, there is much discussion about synthetic fluff, thermal bonded cores, etc. Here, at Osprey, we believe there may be some other possibilities to supplement the expensive pulp with alternate fibers. Some secondary fibers are re-processed scrap diaper waste, cigarette filter/fiber, paper carton scrap, facial tissue, cotton, non-woven scrap, etc.

Osprey can supply refiberizing and metering equipment to help you introduce secondary fibers into your current system. We can also help you source these materials. Give us a call if you have any ideas on this subject.

The Osprey Lands in Denmark

Osprey equipment will soon be in service at Bambo Hygiejneindustri A/S in the town of Aabenraa. The Saekko-Bambo group was founded in 1953 by Jens Terp-Nielsen and was involved in the repair and recycling of jute sacks.

Bambo offers many hygienic products and is the largest manufacturer of diapers in Denmark. The factory is currently in a major expansion program indicating the success of this European manufacturer.

***Bambo Hygiejneindustri** is the largest manufacturer of diapers in Denmark. The factory is currently in a major expansion program.*

On the Drawing Board

by Martin A. Price, Research & Development

In the summer newsletter, Osprey introduced a new **Vertical Feed Hopper** for storing and feeding fibrous material. The first model of this hopper, VH-24, is in operation at the Conyers, Georgia test facility. The unit has "see-through" panels on two sides and its own top-mounted air and fiber separator, along with controls, drive and discharge mechanism.

The VH-24 takes up less than 10 square feet of floor space, approximately half the square footage of an average size office desk.

Osprey is currently testing two systems for effectively separating S.A.P. from cellulosic fluff. This would be of particular interest to manufacturers of soft disposable goods.

A new inner cone and bottom "T" section is under development for the **Modular Fluff Separator** which should allow the component to more effectively handle some of the newer, more compressed products. These new parts will be retrofittable into existing FS-50 fluff separators.

Due to customer demand Osprey is now offering an access ladder as an option for all drum filter enclosures.

Thinking of Drinking?

Public awareness of the drunk driving problem in the United States has brought about a tremendous change in the way drunk drivers now are handled by the law. But did you know how other countries handle their drunk drivers? Most of these examples are for first offenses.

Australia

The names of the drivers are sent to the local newspapers and are printed under the heading, "He's Drunk and in Jail."

Malaysia

The driver is jailed and, if he is married, his wife is jailed too.

Turkey

Drunk drivers are taken 20 miles from town by the police and are forced to walk back under escort.

Russia

License revoked for life.

England

One-year suspension, a $250 fine and jail for one year.

France

Three-year loss of license, one year in jail and a $1000 fine.

Poland

Jail, fine, and forced to attend political lectures.

Bulgaria

A second conviction results in execution.

El Salvador

Your first offense is your last: execution by firing squad.

And you thought our laws were strict on drunk drivers?

Source: Triumph Sports Car Club of San Diego

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

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ATLANTA, GA
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