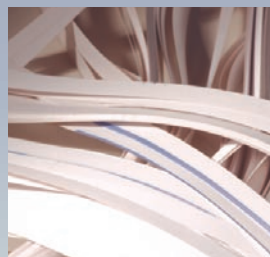
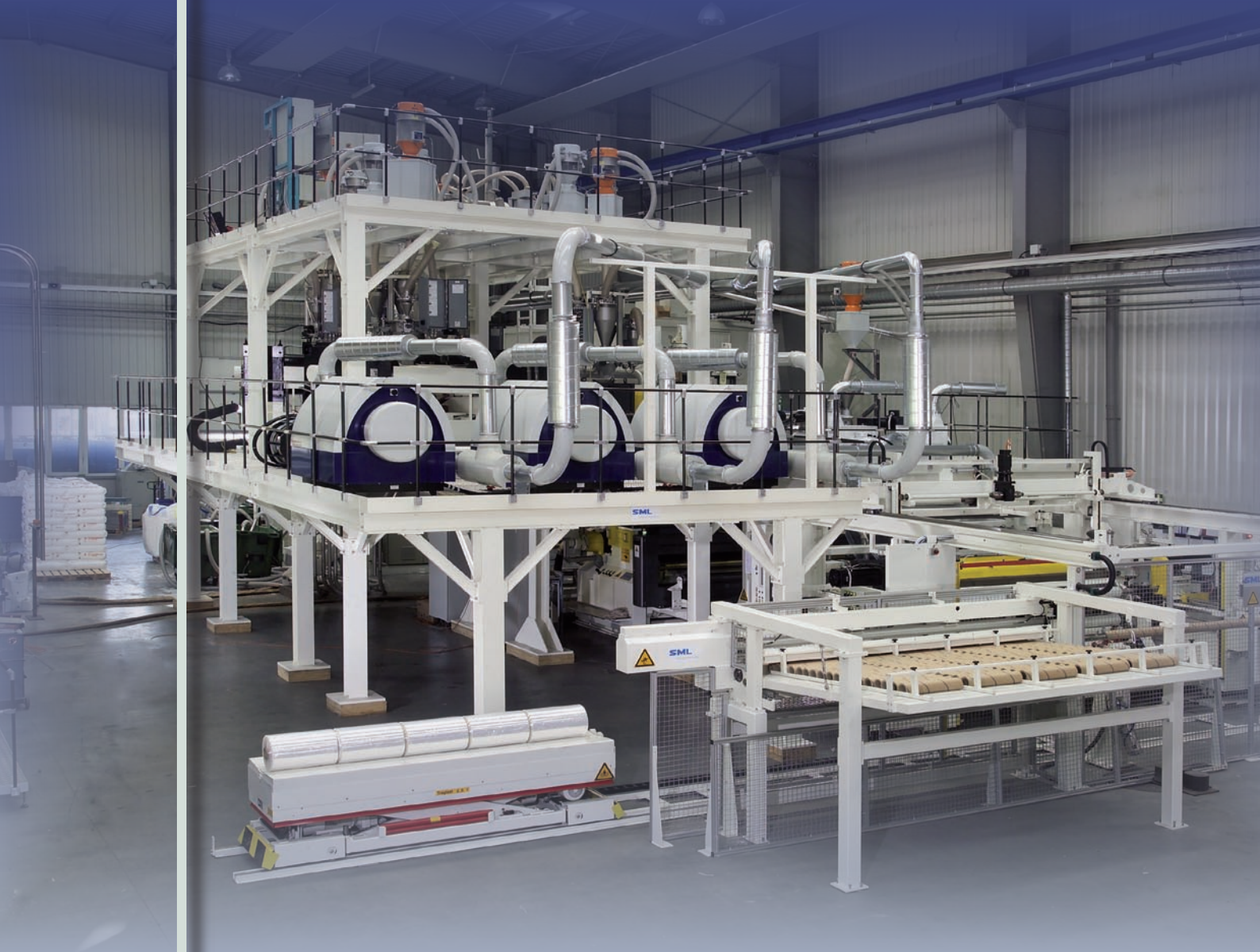


KONGSKILDE

PROCESS WASTE HANDLING

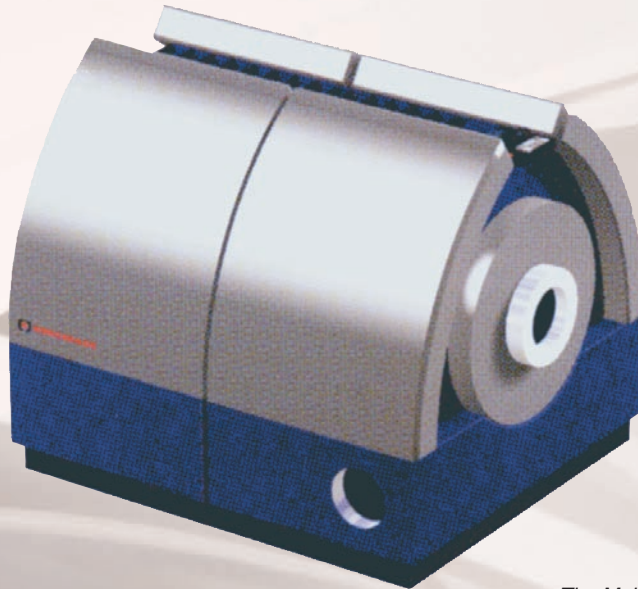




Effective handling of process waste gives you a healthier bottom line ...

Clean factory environments and the efficient handling of process waste are factors of paramount importance in today's manufacturing industries.

Companies invest heavily in, state of the art, processing equipment, in order to maintain a competitive edge, but often overlook the need to efficiently handle the process waste generated by such equipment.



The Multiair is one of the key components in a Kongsilde process waste handling solution

Standard designs from Kongsilde - ready-to-use solutions

Kongsilde has unrivalled expertise in the handling of process waste produced in the plastic, packaging and printing industries. Our "modular" solutions allow for both the conveying and the homogenizing of process waste.

Our thorough knowledge, acquired from many hundreds of worldwide installations allowed us to simplify our solutions by reducing them to a few basic concepts. Correctly assembled and installed, they meet the majority of requirements.



Recycling of granular plastic rejects



Plastic waste processed into flakes



Finished plastic items. Both approved items and rejects for recycling



Sprouts, top and tails for recycling

Specialists in the paper, plastics and packing industry

Kongskilde specializes in the conveying, compaction and cleaning of process waste within the paper, plastics and packaging industries, thus giving your company direct access to tradeoriented know-how on process waste handling.

Recycling of Granular Plastic Rejects - Separation of Dust and Label Fragments

Re-granulated plastic bottles and waste plastics often contain fines, paper labels and other impurities that reduce processing efficiency.

The unique Kongskilde air separations equipment increases production efficiency by separating and removing the above materials which have different densities.

Process Waste from Blow Moulding and Injection Moulding Machines

Plastic waste like tops and tails from the blow moulding process and sprues from injection moulding machines is generated during the production process.

Using Kongskilde modular pneumatic technology, these waste products are conveyed directly to a granulator and from there, either into a pelletizer or directly back into the production.

Continuous trims from film/foil production machines, slitters/rewinders and paper manufacturing machines

A patented in-line Venturi and our standard range of modular pneumatic components enable continuous trim to be conveyed to a waste collection/processing area.

Using the Kongskilde Multicutter unit, which has the capacity to handle the trims from up to four machines working simultaneously, the volume of the conveyed trim can be drastically reduced, thus removing the need for a compactor/baling machine.



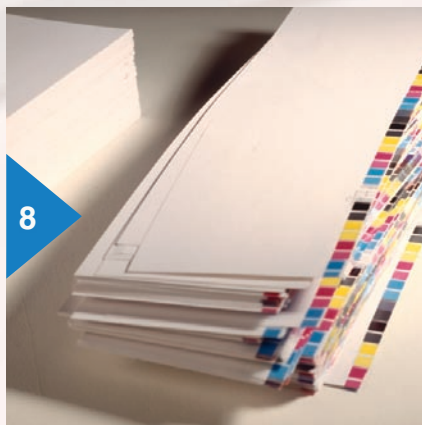
Continuous trim from the cutting of paper and film rolls.



Trim cut from paper and film production machines



Off-cuts from the production of tissue products



Off-cuts from clean-cutting in the graphic industry

Conveying of off-cuts

Kongskilde has a thoroughly tested and efficient conveying system that returns the off-cuts - as generated in the production or converting of paper, printing and packaging material - for either reclamation or disposal.

Productivity

Handling process waste need no longer cause a bottleneck in the production process. A Kongskilde system frees manpower resources and space for other purposes.

Clean working environment

The paper industry in particular generates a large quantity of dust with each process. Using the Kongskilde vacuum conveying systems alleviates this problem by carrying away dust with the paper edge trim.

Profitability

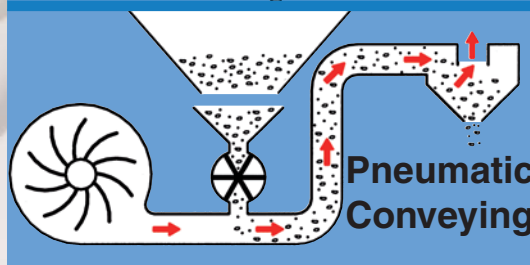
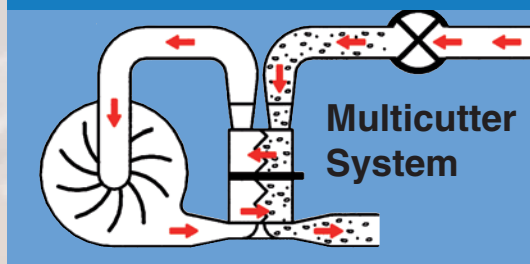
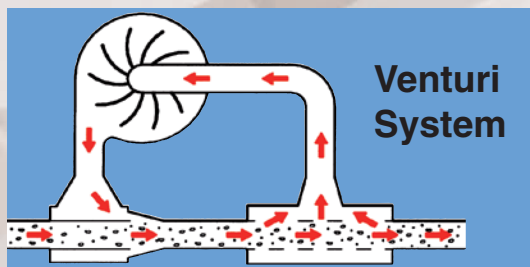
Process waste is a valuable material. With a Kongskilde solution, optimum utilization of all raw materials can be achieved by the immediate recycling or re-introduction into the production cycle.

Process Material and Waste Handling

PLASTIC INDUSTRY



KONGSKILDE SOLUTIONS



Granulate

1



Flakes

2

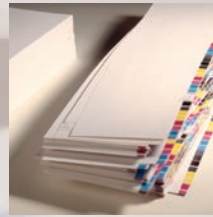


Rejects,
Tops & Tails

3



PAPER INDUSTRY



Sprues

4

Continuous Trim

5

Trim cut

6

Roll Off-Cuts

7

Plain Off-cuts

8



The Inline Venturi System gently handles finished items and waste materials. Please ask for further details.



The Multicutter conveys and homogenizes the material. Please ask for further details.



The Pneumatic Conveying System offers high conveying capacity over long distances. Standard modules allow for future expansion.

An Aspirator System separates lightweight particles from heavier material. Ideal for reclaim and recycling applications.



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