



# Off-cuts & skeleton handling

**Kongskilde conveying systems  
for off-cuts and skeleton**

# Cutter skeleton handling

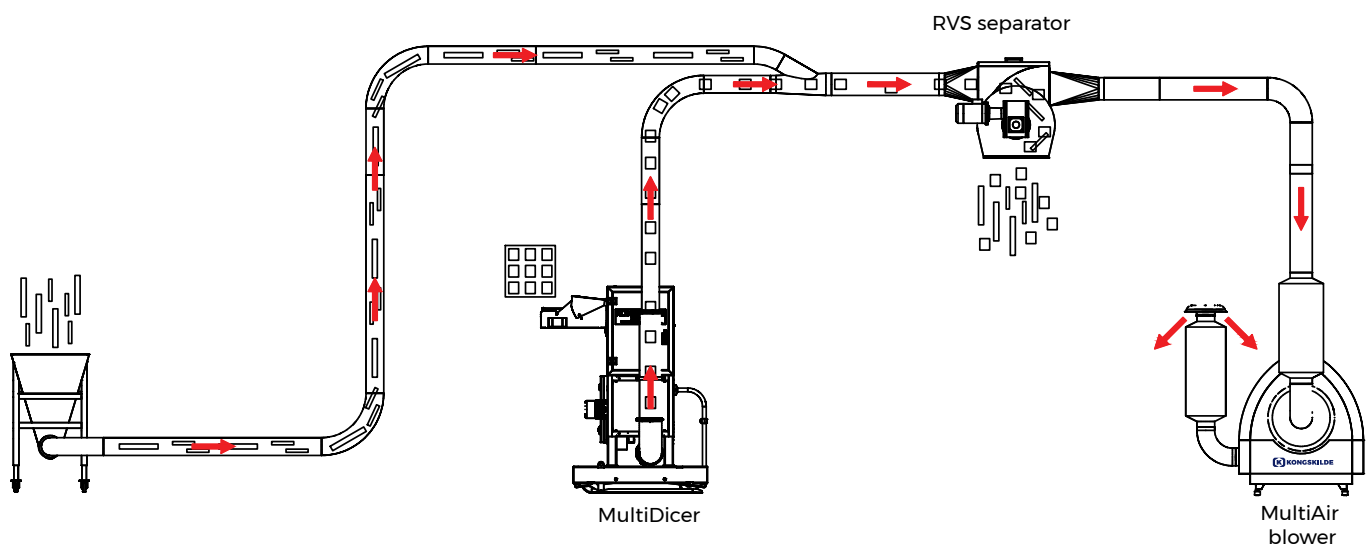


Kongskilde's MultiDicer has been designed specifically for dealing with die cut waste. The MultiDicer downsizes the cardboard (carton board) skeleton waste released from a die cutter, which would normally be difficult to handle in a conveying system, to a manageable size. This minimises the size of the conveying pipes, which reduces the demands on space for the installation.

The main benefits for the customer are that the power consumption is minimised by optimising the conveying pipes so smaller blowers, separators and filter systems can be used, which are less expensive to purchase, operate and maintain.

Further benefits are that there is minimum amount of conditioned air removed from the production area as well as the operator being able to focus on running the die cutter efficiently without the need to stop to empty waste containers.

The MultiDicer can handle up to 12,000 sheets/hour of cardboard with widths of up to 1,630 mm and in gauges from 90g/m<sup>2</sup> to 800g/m<sup>2</sup>.



Kongskilde system for skeleton handling

# Off-cut handling



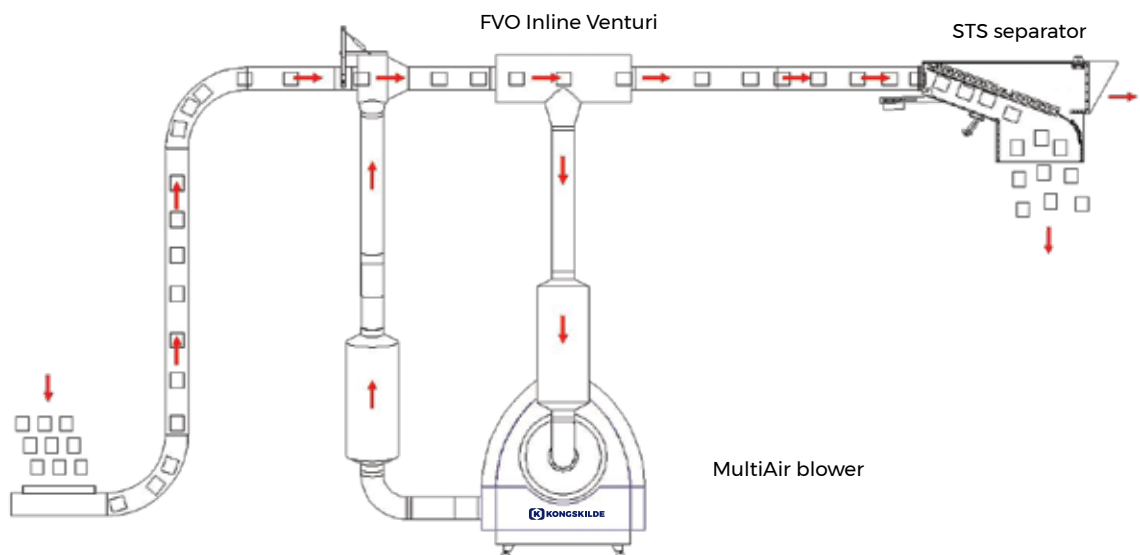
Kongskilde's off-cut handling systems offer efficient solutions to meet the demands of high speed production in today's print industry.

Kongskilde systems can handle many types of off-cut waste in the print industry from process such as:

- Rotary & 3 knife trimmers
- Bindery lines
- Stickers
- Trim lines
- Guillotines
- Folders & gluers
- Reject copy conveyors

Kongskilde can offer single waste extraction systems to fully automated centralised systems. All our systems are designed specifically for each client's needs and with our broad range of modular components we are able to offer each client the most cost effective solution for their process.

The pneumatic circuit is operated in closed loop with full feed-back of induction air to the blower. Thus, only a small amount of air is necessary to pick up the conveyed material and set it in motion. Air inlets and air filters with low diameters can be applied.



Kongskilde system for off-cut handling



# Pneumatic conveying systems for off-cut and skeleton



| RVS separator

| FVO Venturi

| STS separator

| Pipe system

Kongskilde is widely regarded as a world leader in the efficient handling of process waste in the paper and packaging industries. With our industry knowledge which has been gained over the last 30 years we are able to offer solutions to collect and convey process waste in an efficient manner helping to reduce operating costs and improve the factory environment that helps to comply with health and safety legislation. Furthermore these systems offer substantial savings on labour and can pay for themselves in a relatively short period of time.

A Kongskilde waste extraction system can be placed inside or outside the factory with the conveyed waste being deposited in a compactor, baler or other receptacle.

The advantage of a Kongskilde waste extraction system is its low maintenance requirements which ensures minimum down time for scheduled servicing.

Kongskilde can offer complete turnkey projects offering control panels and filter systems enabling us to be a one stop for all your waste extraction needs.

With Kongskilde's dedicated service division you have the added peace of mind that a qualified service engineer is only a phone call away.

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