

The background image shows an industrial setting with two large, flexible, corrugated metal pneumatic conveying tubes. These tubes are connected to a roll of printed material, likely paper or plastic, which is being processed. The printed material features colorful graphics and text, including "POULTRY SELECTION" and "HERB GRAVY". The machinery is made of metal and has various components like clamps and rollers visible.

Trim Handling Systems

**Pneumatic Conveying of Paper
and Plastic Trims**

Conveying of Cut Trim



MultiCutter

The MultiCutter is suitable for cutting trim from blown film lines, packaging & paper production machines, as well as slitters. It has a fixed and rotating blade which has a unique 'scissor' like cutting action, allowing very thin film to be cut right up to 400 micron. Specially hardened steel blades provide wear resistance, ensuring a longer lifespan.

MultiSeparator

The RVS-H MultiSeparator delivers robust suction power for high-speed trim extraction, ensuring energy efficiency and minimal pressure loss. Its slow-turning valve facilitates efficient separation of air and material, enabling gravity-driven discharge. Dust and air are then directed to the blower, where it passes through a filter for high-quality output.

All-in-One Units **NEW PRODUCT**

Cutting-edge solutions for machine-side collection of trim and process waste.

CUB - Compact Unit with Bag

Highly mobile cutting and extraction solution designed to handle a variety of waste types, including non-adhesive and self-adhesive edge trims, die-cut pieces, and matrix. Compact yet durable, it moves seamlessly between machines, transporting trim and depositing it into a 900-liter bag.

CUC - Compact Unit with Compactor

Designed to handle paper, carton, plastic, or foil trim. The CUC collects waste directly from process machines and compresses it for storage in a continuous bag. Simple and intuitive operation allows the user to adjust suction speed in a second. Capture, compact, transport, filter, and collect waste for storage or recycling.



MultiCutter

For continuous cutting of waste edge trim from machines and slitters.



RVS Separator

Rotating separator for removal of small size waste from production lines.

Explore the Benefits of a Kongsilde All-in-one System



Lean Production

Streamline your production waste collection.



Plug-and-Play

Connect to your machine and start collecting.

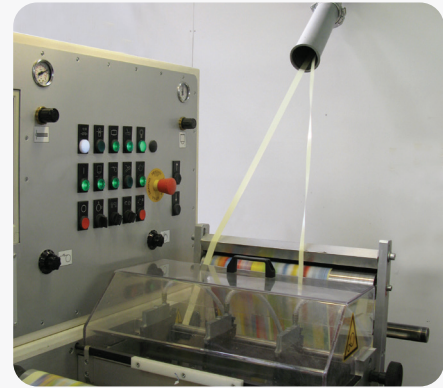


Small Footprint

Compact design creates a small footprint.



Conveying of Endless Trim



Kongsilde waste extraction systems efficiently handle trims from film and foil production (cast lines) and converting machines (slitters/re-winders). The patented ITF Venturi, capable of conveying endless trim at speeds exceeding 1000m/min*, is a proven solution for various applications.

ITF Venturi

The Kongsilde ITF Venturi is a simple yet versatile waste and edge trim transportation solution. The blower generates air pressure, passing it through the ITF Venturi to create a vacuum that pulls trim into the system. After passing through the venturi, the system transforms into a pressure system, pushing the trim to discharge.

KIV Air Return

The KIV air return unit enables the blower to pull back airflow, eliminating the need to increase pipe size to accommodate extra air volume generated by the venturi. When paired with a KIV air return system, the ITF Venturi maintains optimal performance regardless of its placement in the conveying line. This flexibility allows for convenient positioning in each unique system, minimizing the impact on factory layout.

MultiAir Blower

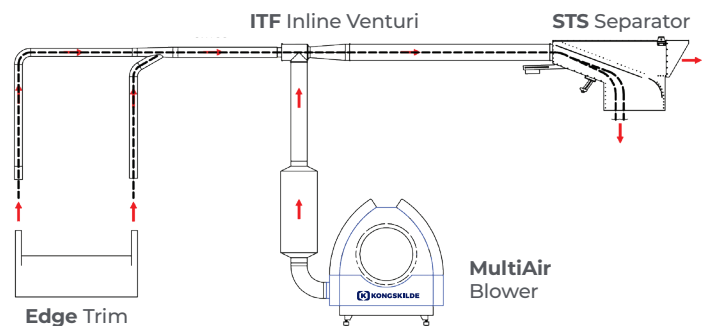
When coupled with the Kongsilde MultiAir® blower, the Venturi systems are a cost-effective way of handling endless trim with extremely low maintenance and huge savings on labour. In combination with the MultiAir blower, the noise level is very low, making it possible to place the system directly in the production area.

*Depending on material specification and conveying distance.

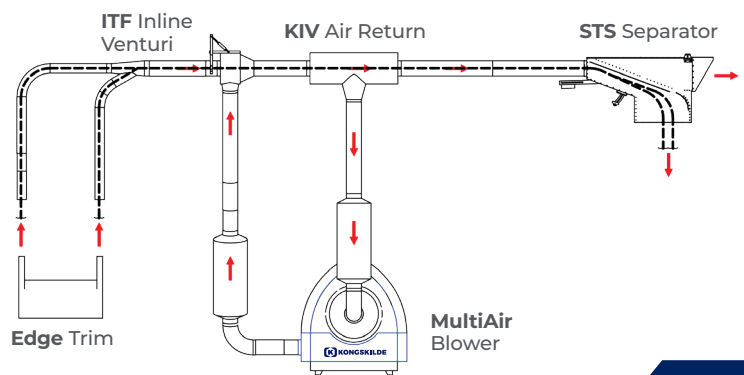
Explore the Benefits of a Kongsilde Venturi System

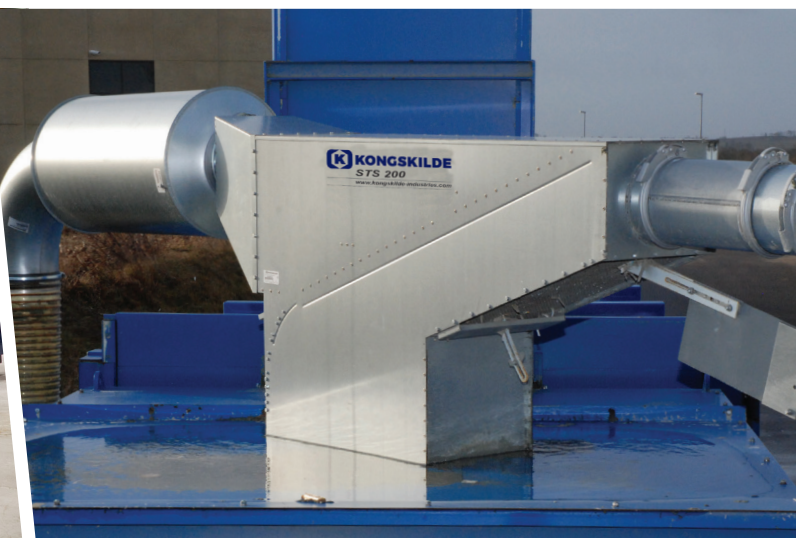
- ✓ Cost effective and extremely low maintenance.
- ✓ Increased savings on labor compared to traditional trim winders.
- ✓ Compatible with many different applications.
- ✓ Flexible placement within a system.

ITF VENTURI SYSTEM



ITF VENTURI WITH KIV AIR RETURN





MultiAir Blower and STS Separator

MultiAir Blower

The Kongsilde MultiAir high pressure blower is the 'heart' of many Kongsilde solutions and can be found in installations all over the world. The MultiAir is quiet, clean, and weatherproof, which allows for flexible positioning of the blower either inside the production area or outside the facility.

The MultiAir is available in a variety of sizes, and is able to convey material over long distances and at high capacity, which makes it a versatile solution for any production.

STS Separator

The Kongsilde STS separator is an efficient static separator used to separate thin, light materials from the conveying air stream at the discharge point. This static separator can handle process waste such as edge trim, die cut skeletons, light paper and plastic materials.

The unique self-adjusting bottom plate located in the separation chamber eliminates turbulence that can commonly stop the material from being discharged continually during high speed material conveying, thus improving production efficiency.



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