



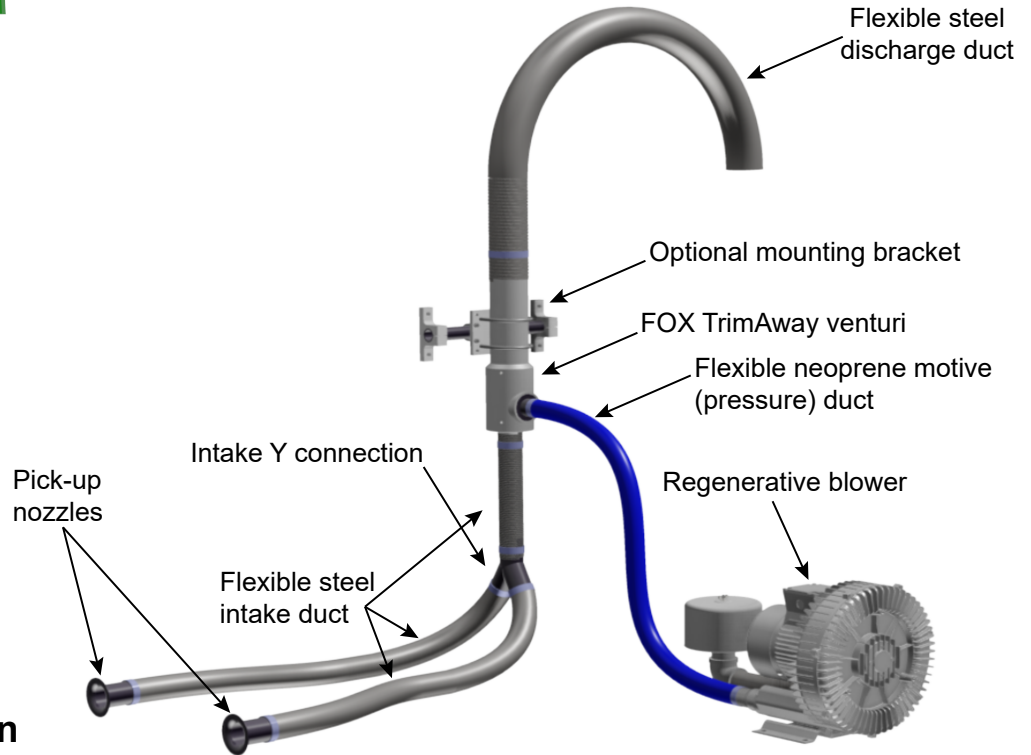
Converter Accessory Corporation  
www.converteraccessory.com



Pneumatic Conveying Systems  
www.foxtrimaway.com



# Typical Two Pick-Up System



For more information  
on this system, visit:

[www.converteraccessory.com/systems](http://www.converteraccessory.com/systems)

## Unique Approach to Trim Removal

FOX TrimAway® systems are unique, utilizing regenerative blowers to generate a motivating air stream. The heart of the system, FOX TrimAway's exclusive venturi, converts the motivating air from the regenerative blower to high velocity suction at the intake and pressure at the discharge. The FOX system yields outstanding performance with genuine energy savings over other types of trim removal systems. They provide real return on investment when used in place of less efficient trim removal systems and systems that utilize compressed air.

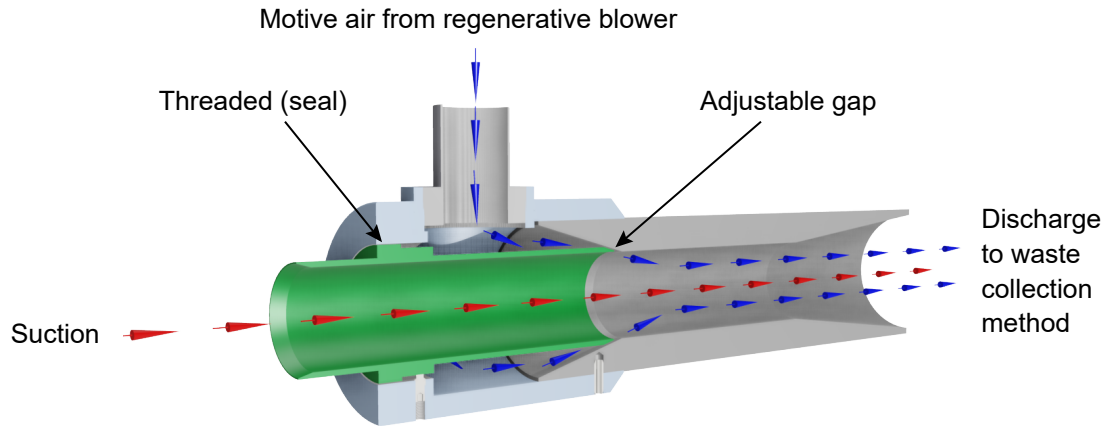
FOX TrimAway systems are sized and matched to your specific requirements. Systems have an extensive 1/2 horsepower through 20 horsepower blower selection and three sizes of venturi's from which to choose. Rest assured, your system will be sized properly to provide you with the ultimate in performance, initial cost savings and long term operational cost savings.

- **Venturi** is aluminum construction - adjustable for individual material requirements
- PTFE lining is available where release is needed for pressure sensitive adhesive
- **Regenerative blowers** provide **high energy efficiency** and low maintenance
- Ducting is semi-rigid and rigid. Both available with PTFE lining
- **Complete systems** include all necessary components for **easy, fast** installation
- Systems are **quiet** without silencers. Noise levels well below other systems
- Compact venturi and blower takes up little space and are easy to mount with many mounting options and configurations
- Inline Chopper available



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# The Venturi Principle



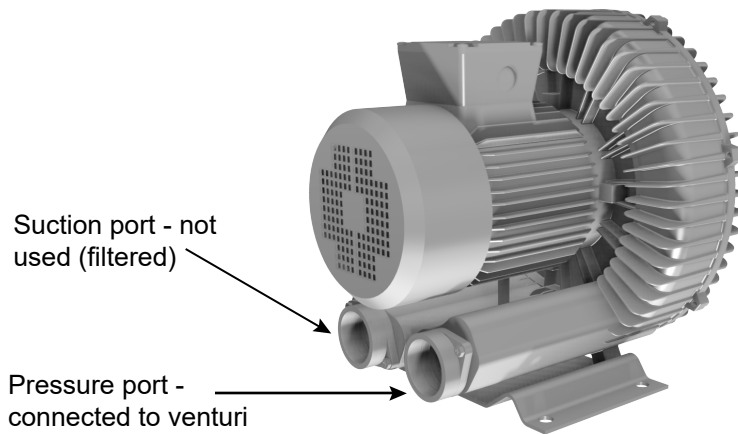
## Unique Approach to Trim Removal

FOX TrimAway® systems utilize powerful and efficient regenerative blowers to generate “motive” air from the pressure output of the blower. This air flow is ported into the side of the venturi. The FOX TrimAway venturi is designed so that all of this motive (pressure) air must, in essence, make a perpendicular turn and flow through the adjustable gap in the venturi. The air is flowing at such a high rate and speed, suction is generated, due to Bernoulli’s principal, at the intake side of the venturi. Each FOX TrimAway system is factory tested and adjusted for maximum suction. However, the adjustable gap allows for suction adjustment in the field.

The waste (typically edge trim) is fed into the suction side of the venturi and takes a straight path through the venturi. This eliminates the trim from passing through any moving parts. Continuous trim can stay continuous, there is no need for it to be chopped, since it does not pass through any fan blades or other moving parts. System maintenance is very low since there are no moving parts coming in contact with the trim. After the waste enters the venturi and reaches the point where the motive air and suction air join, the waste can be conveyed long (or short) distances with a very powerful stream (combined suction and motive) of air to a waste collection point.

## Typical Applications include:

- Paper, paperboard, film, foil, textiles and nonwovens
- Waste with adhesives
- Continuous trim
- Pieces
- Narrow to wide



FOX TrimAway® system regenerative blower



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