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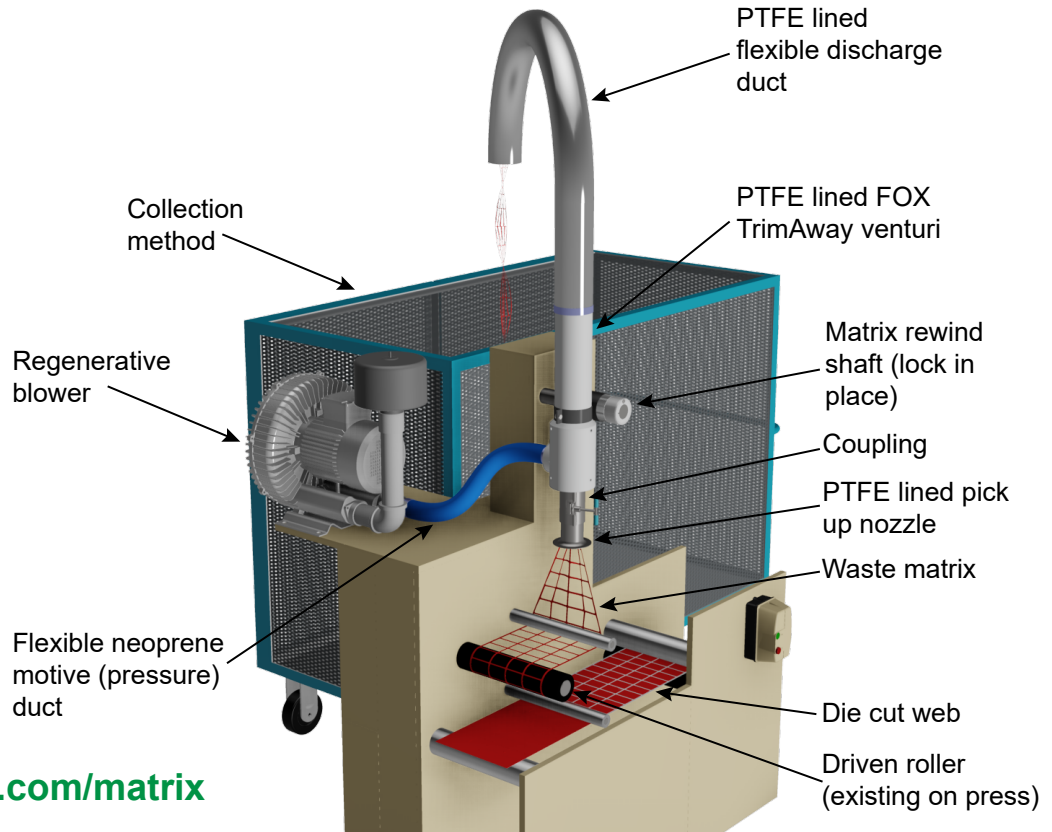
Pneumatic Conveying Systems  
www.foxtrimaway.com



For more information  
on this system, visit:

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

# Matrix Removal System



## Unique Approach to Matrix Removal

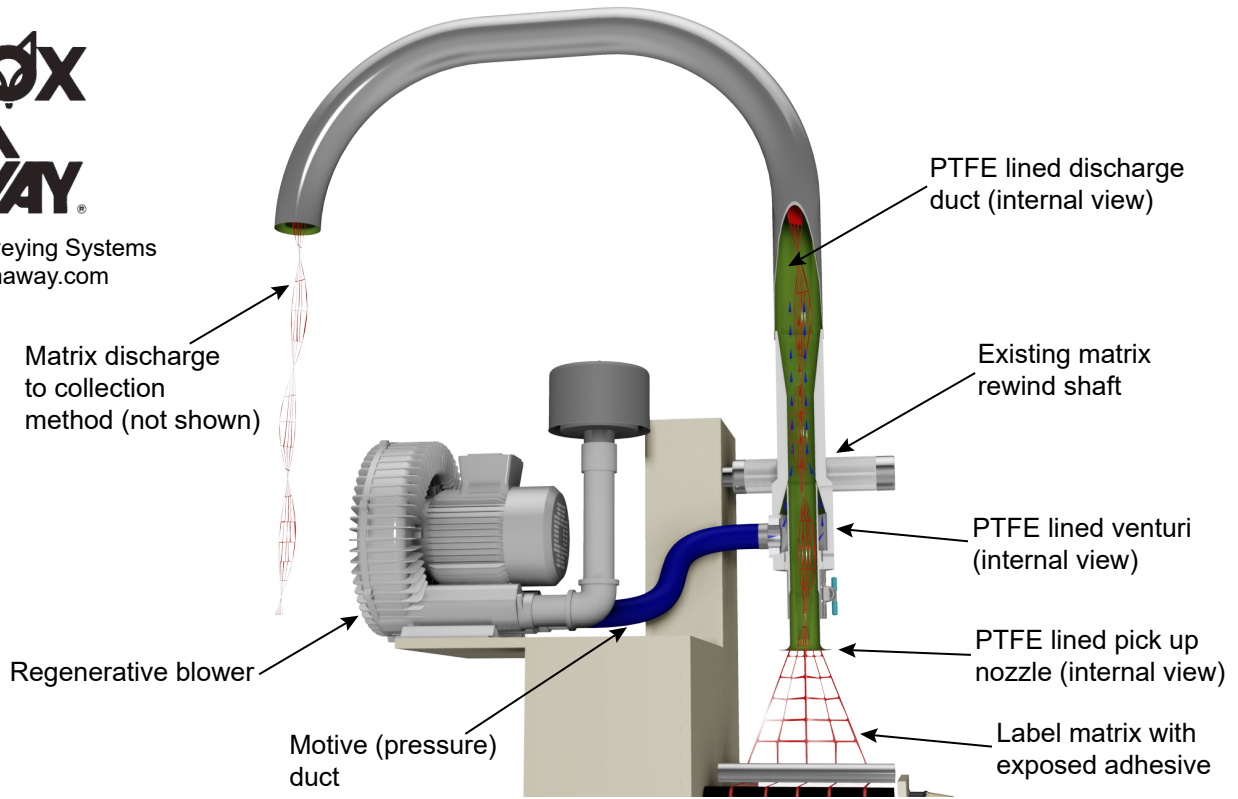
Traditionally, label and die cut matrix is wound onto a scrap rewind shaft. This method of waste removal and collection has several drawbacks that results in costly machine downtime. Rolls must be changed frequently, resulting in press stoppage. Tension control becomes very difficult at larger roll diameters, resulting in matrix breaks. Label manufacturers may run more expensive, wider than necessary webs to combat matrix breaks. Often times recycling efforts are complicated by the cardboard core necessary to rewind the matrix roll.

**FOX TrimAway® eliminates the need for rewinding matrix. Advantages to using FOX TrimAway matrix removal include:**

- **Zero** machine stops to remove full matrix rolls
- Easy recycling without a cardboard core
- FOX TrimAway matrix removal systems utilize PTFE lined components. Matrix **won't adhere** to the internal surfaces and messy oil injection systems are not necessary.
- PTFE lined and plasma coated choppers are available to chop matrix without the use of oil injection.
- System setup is **FAST** and **EASY**. The unique FOX TrimAway venturi is supplied with a special mounting bracket to mount directly to the existing matrix rewind shaft. The matrix threading stays consistent with rewinding threading pattern. The blower may be mounted to the floor or machine frame. Duct work is flexible, semi-rigid to ease the routing to the collection method.
- **Elimination** of web breaks with an adjustable and constant vacuum level. This may allow you to run narrower webs, saving you money.
- FOX TrimAway matrix removal systems are **available** with 5HP up to 20 HP blowers and a choice of two different venturi sizes. Up to 22" wide matrix, up to 700 FPM may be handled.
- FOX Runner matrix removal systems are available where a portable system is desired.



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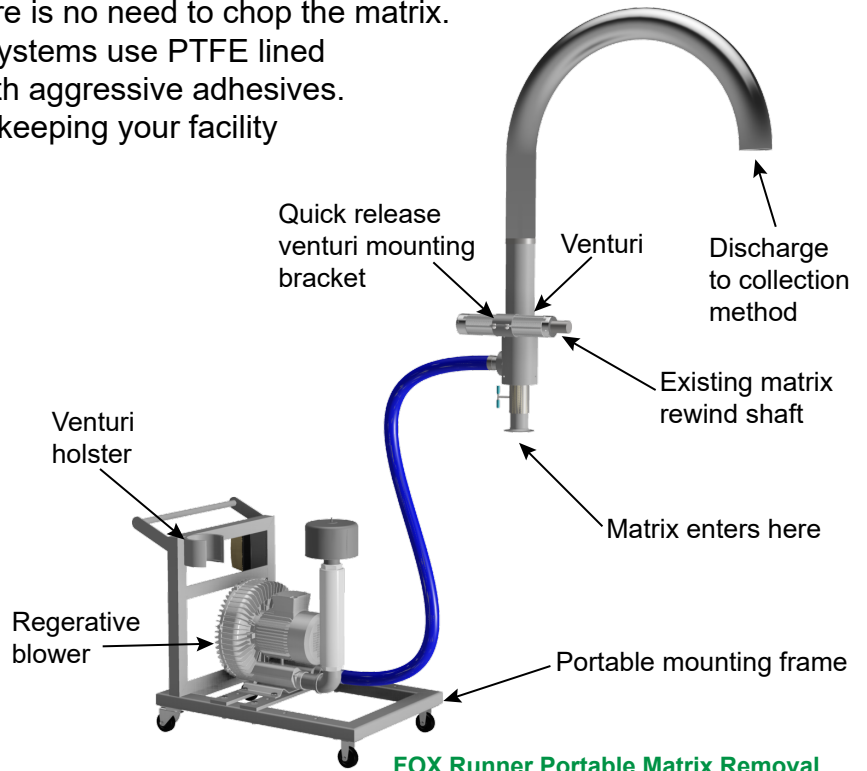
### Unique Approach to Matrix Removal

FOX TrimAway® pneumatic matrix removal systems utilize powerful and efficient regenerative blowers to generate “motive” air stream. The FOX TrimAway venturi is designed to produce adjustable suction and pressure to convey your waste matrix.

The matrix remains in its' typical threading pattern through the machine but instead of rewinding, it is fed into the suction side of the venturi. There is no need to chop the matrix. FOX TrimAway pneumatic matrix removal systems use PTFE lined components to effectively remove matrix with aggressive adhesives. FOX TrimAway does not use oil or powder, keeping your facility clean of contaminants.

### Typical applications include:

- Paper, label stock, tag stock, foils, films
- Adhesive and non-adhesive matrix
- Narrow to widths up to 22”
- Speeds up to 700 feet per minute
- Label presses and die cutters



FOX Runner Portable Matrix Removal



## Converter Accessory Corporation

201 Alpha Road, PO Box 188, Wind Gap, PA 18091-0188

www.converteraccessory.com  
sales@converteraccessory.com

Phone: 800-433-2413  
610-863-6008

Fax: 800-709-1007  
610-863-7818