



- Supports elastic products while being measured
- Convey cut products away from cutter
- Eject products into a catch tray or container
- Discharge out-of-spec. products to a different container

CONVEYORS AND AIR EJECTORS



Versa Machinery Transport Conveyors are used to support and move elastic products as they pass through cutter bushings, eliminating compression that could result in cut length errors. As a stand-alone unit a transport conveyor can be used to discharge each cut product directly into a box at the end of the conveyor. When coupled with a single or multi-zone air ejector, the transport conveyor can be used to stack cut products in a catch tray or directly eject them directly into containers. Multi-zone air ejectors will allow the creation of batch quantities for packaging.

Versa Machinery

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Versa Transport conveyors are available in lengths from 3 feet to 12 feet. Light weight conveyors are available with 2" wide belts for small diameter tubing or small profiles. Heavy duty conveyors are available with 5" wide belts for larger products. Conveyors are designed to fit up closely to the downstream bushing of a cutter to support the product as it exits the bushing.

Versa Air Ejectors can be configured with a wide variety of nozzles, aluminum air knives, or stainless steel air knives to provide precisely directed air flow. They can perform up to 160 part ejections per minute. Air knives are available in a variety of lengths that allow an almost unlimited number of configurations. Each air ejection system is designed to provide maximum flexibility and performance.

The Transport Conveyor's Motor Drive allows its speed to be easily adjusted to create a gap between cut parts as they move onto the conveyor. A built in Timer allows adjustment of the Ejection delay time, to position cut parts in front of the air nozzles or air knives. It also allows adjustment of the Ejection pulse duration. An optional electric eye sensor is available for applications where triggering from a cutter output signal is not optimal.

TRANSPORT CONVEYOR FEATURES

- A variety of belt materials are available
- Variable speed A.C. Conveyor Drive
- A variety of speed ranges are available to suit a wide range of applications
- Product guide devices supplied to center products on the conveyor belt
- Unit lengths from 3 ft to 12 ft
- Mounted on castors and leveling bolts

CONTROLS

Conveyor: "Start" Pushbutton, "Stop" Pushbutton, 10 Turn Speed Potentiometer

Air Ejector: "On/Off" Switch, Eject Delay, and Eject Duration controlled through PLC interface

An input for a product monitoring gauge allows the batch count to be placed on hold if the product is out of specification.

SPECIFICATIONS

Conveyor Lengths Available	3', 4', 5', 6', 8', 10', and 12' (Other lengths available on request)	Eject Delay Range	.01 to 9.99 seconds
Electrical Requirement	115V/1ph/60Hz	Eject Duration Range	.01 to 9.99 seconds
Belt Height	Adjustable from 39" to 47" high with leveling bolts	Ejection Rate	Up to 160 times/minute
Air Requirement	60 PSI		

Our continuing program of product and process improvements may make changes necessary in specifications and data contained herein without notice. Due to variations in material, die and other process requirements, actual outputs in the field may vary.



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