

TRAY VENTING SYSTEM



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The Tray Venting System is an intermittent motion offline tray punching system. This system is designed for mid-speed automatic application of punching venting holes into plastic trays after the thermoforming process.

Functional Design,

Easy Access Construction

- Welded tube steel frame.
- Clear polycarbonate hinged upper guard doors.
- Six-inch swivel-style casters for mobility, leveling pads.

Product & Size Ranges

- Designed to handle a range of square or rectangle plastic trays.
- Maximum tray size 12.5" wide x 11-3/16" long x 1.875" deep
- Built to specification.

Machine Features (standard)

- Dual sided, 9" arm reciprocating vacuum plunger for denesting trays.
- Indexing flight conveyor for feeding the trays through the vent punching station.
- Air cylinder powered double-acting hole punching unit with tooling for each tray.
- Specialized flight system to run different size and style trays with varying hole punch locations.

Options

- Two-head system to double input of trays.
- Dedicated faceplate style quick change magazines for repeatable and reliable changeovers to maximize production.
- Touchscreen operator interface.

Specifications

Speed:

- Speeds up to 35 trays per minute on a single head and 70 trays per minute on a two-head system.

Product Configuration

- Single lane of trays

Machine Models

- Standard: Single Head
- Custom: Dual Head

Electrical

- Control Voltage: 24 VDC
- Supply Voltage: 1200 VAC ,Single-Phase

Air Requirements

- 80 psi clean/dry air supply required (equivalent to class 3 or better).
- CFM dependent on vacuum system specified.

