

ROTARY VACUUM PLACERS



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The Rotary Placer is a flexible, continuous motion machine designed for picking a variety of stackable items at high speeds with placement onto or into another product on a conveyor or in a flight system.

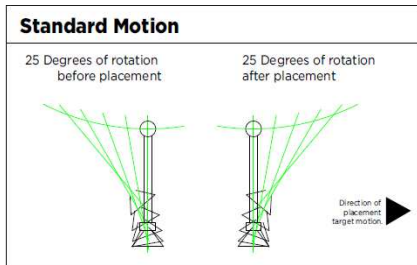
Functional Design, Easy Access Construction

- Heavy-duty cold rolled steel frame.
- Standard finish or stainless for water resistant applications.
- Clear visibility and easy-access guarding provide access to machine.
- Rotary gear drive for long life independent action on rotary arms.

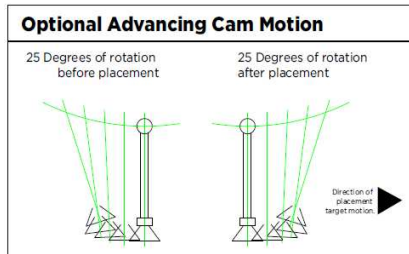
Product & Size Ranges

- Product size dependent upon rotary head size and rotation of head.
- Minimum product size: 1" x 1".
- Maximum product size: 22" high x 48" wide.
- Handles a variety of products such as cartons, paper carriers, CR80 cards, premiums, pizza sheets, nested product such as bowls or tubs, lids, irregular shaped products, pouches and more.

For Accurate Placement



This is standard rotary placement motion without the influence of a cam. The product is placed on the target with no forward motion.



This is patented rotary placement motion with the influence of a cam. The cam is designed so that it will either advance or retard the normal motion. This allows the product to be accelerated and speed matched to the moving target.

Features (Standard)

- Continuous motion placement of a variety of products.
- PLC controlled – brand flexibility allows flexible configurations.
- 120 degree or 240 degree rotary rotation depending upon application needs.
- Horizontal or vertical placement.
- AC drive, servo drive or extended center shaft for customer drive controls.

Options

- Patented advancing cam motion to speed match placement of an item onto a moving target.
- Cantilevered floor mount stands with casters or custom mounting.
- Quick-change magazines and quick-change vacuum stem tooling for quick, repeatable changeovers.
- Horizontal powered magazines for extended run times.
- Line controls to meet customer needs.
- Integration of hot melt glue system, ink jet printer, bar code scanner or labeler with 240° rotation.
- Interface this machine with major brands of equipment for reliable product placement needs.
- Controls for missed item, sound buzzer.

Specifications

Speed

- Speeds up to 450 placements per minute depending upon product, rotary head size and rotation.

Product Configuration

- Two, three, or four vacuum arms to suit speed and product requirements.

Machine Models

- Mini, standard and jumbo head sizes to accommodate product and application.

Electrical

- Control Voltage: 24 VDC
- Supply Voltage: 220 VAC, Single Phase

Air Requirements

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

