

FlexPlace™



**Continuous Motion Placement
With an Indexing Machine
For Collation, Speed Match
or Providing Extended Run Times**



FlexPlace™

The FlexPlace™ offers a broad range of placement versatility for picking and placing a variety of stackable items into a continuous motion production line without a stopped target for accurate placement. It includes the functionality to speed match, tip, collate items or provide extended run time in one machine.

Machine Highlights

Speed Matching

- Maintains continuous motion of existing target product.
- Allows higher speeds than indexing motion.
- No need to stop target for placement of product.

Tipping

- Provides ability to automate tipping applications.
- Ability to pick, then place while matching speed with the target product.
- Matching speed enables increased placement accuracy.

Collating

- Ability to pick different product on demand based upon flow of incoming product.
- Ideal for mix and match of product for variety pack type applications.

Run Time

- Ability to have multiple lanes with the same product to provide extended run times without operator intervention.
- Allows operator time to tend to other areas of the packaging line.
- Longer supply of product in a smaller footprint.

Product & Size Ranges

- Product size dependent upon machine width and pick arm size.

Machine Features (Standard)

- Servo drive controls
- Transversing vacuum stems to provide matching of speed of target product
- Inclined product magazine with multiple lanes
- Floor mount stand with casters for mobility and adjustable foot pads.
- PLC controlled - Allen Bradley
- Touch screen operator interface
- Interface with existing production line

Machine Features (Optional)

- Quick-change magazine assembly and stem tooling for quick, repeatable changeovers.
- Multi-Lane options
- Pneumatic product escapements depending upon product characteristics
- Signal options: Photo eye, batch counter, fixed cycle rate signal, timer to signal, encoder or customer to signal.
- Low magazine or missed item signal options.

Specifications

Speed

Maximum speeds up to 50 cycles per minute per lane, dependent upon product characteristics

Product Configuration

- Multiple magazine lanes to provide higher output.
- Magazine lanes perpendicular to flow or in-line with flow.

Machine Models

- 24", 36" and 48" width models.
- Custom widths available.

Electrical

- Control Voltage: 24 VDC
- Supply Voltage options:
 - 230 VAC, Single Phase
 - 230 VAC, Three Phase or
 - 480 VAC, Three Phase

Air Requirements

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

