

# CLAMSHELL LABELING SYSTEM



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The high-speed clamshell labeler is a stand-alone, flexible, continuous motion machine designed for labeling clamshells or trays and reneasting them with tray counting functionality for distribution.

## Functional Design,

### Easy Access Construction

- Heavy-duty cold rolled welded steel frame made from 1-1/2" square mechanical tubing.
- Clear polycarbonate hinged upper guard doors and ABS black and stainless steel lower guards.
- Casters for mobility and adjustable foot pads.
- Hand wheels for ease of adjustments for product sizes changes and repeatability.

### Features (Standard)

- Utilizes a three-arm, four stop patented secondary motion rotary placer for picking of product.
- 6' horizontal powered infeed magazine to stage product for labeling.
- 8' horizontal powered outfeed magazine with overhead guide belts to accumulate labeled product.
- Quick-change magazine faceplates sized per product with quick-change vacuum stem tooling.
- Two Universal SL2000 tamp style labelers are standard to apply a self-adhesive label on the lid and base of clamshells. They can be purchased separately or supplied by GPI.
- Allen Bradley Micrologix controller to monitor and control machine functions.
- Variable tray counter for each selection, changeable through HMI program.
- Becker vacuum pump with 1.2 HP

## Options

- Additional quick-change faceplates and quick change stem tooling for multiple product sizes for quick, repeatable changeovers.
- Fully adjustable magazine faceplate to accommodate a range of product sizes.
- Other labeler brands can be integrated with this machine.

## Product & Size Ranges

- Designed to handle a full range of hinged square or rectangle plastic clamshells or trays.
- Minimum size: 3" x 3"
- Maximum size: 14" high x 18-1/2" width x 3" deep.

## Specifications

### Speed:

- Speeds up to 200 clamshells per minute depending upon product size and characteristics..

### Product Configuration

- Single lane of clamshells or trays stacked on edge

### Machine Models

- Standard: Single Lane
- Custom: Dual lanes.

### Electrical

- Control Voltage: 24 VDC
- Supply Voltage: 230 VAC , Three Phase

### Air Requirements

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

