

Model 2046 Product Orientator



Standard Features

- Allen-Bradley PLC control system
- Product singulator
- Hand crank width adjust
- ESD conveyor belts
- Zero-gap edge guide
- Maximum 12-second cycle time

Application

The Model 2046 Product Orientator is used to change the orientation of a product ninety-degrees about a vertical axis. Product can be introduced into the machine in either orientation and can be rotated in either direction.

This action can increase product density within subsequent processes by orienting products so that their shortest dimension is parallel to product flow. If desired, a second unit can rotate the product back to its original orientation.

This machine will accommodate most PCBs, JEDEC trays, and Auer boats.

Typical applications include:

- Increasing density in reflow or cure ovens.
- Changing product orientation by 90°

Available Options

- Power width control
- Belt width
- Tooled width adjust
- Board clamps, lifts, locators, and stops
- CE compliance

We welcome custom applications.

Additional Benefits

- Zero-gap edge guides eliminate the danger of boards becoming jammed under the edge guide.
- Product singulators can automatically segregate a single board from a continuous queue; at the discharge end of an oven, for example.
- Special extended rails allow small products to be conveyed on to or off of conveyors with large diameter idle rollers.
- Stainless steel, articulating guide system will automatically orient products as they enter the unit.
- Safety-interlocked ESD Lexan access cover
- Precision-cut, proprietary aluminum extrusion frame.
- High-speed DC stepper motors and heat-resistant belts can move a five pound product at 75 ft./min.