

## Model 2280 Removable Magazine Buffer



### Standard Features

- Closed-loop servo control
- High-speed DC stepper motor conveyor
- 18" x 20" (457mm x 508mm) board capacity
- Hand crank width adjust
- Touchscreen interface
- Breakaway Pusher/Puller Assemblies
- Electromagnetic Brake

### Application

The Model 2280 Removable Magazine Buffer allows product to be buffered in the middle of the production line in either FIFO or LIFO mode. The product is buffered in magazines, which can also be removed. With standard Simplimatic magazines, the machine can buffer up to 50 populated boards without operator intervention. The machine can also be customized to handle most third-party magazines types.

Typical applications include:

- In-line buffering before bottlenecks or inconsistent processes, like manual assembly areas
- Bad board storage
- Topside/bottomside production

### Available Options

- Power Width Control
- Right-to-left transfer
- Large board version—up to 22" x 28"
- Custom magazine handling
- Tooled Width Adjust—requires tools to adjust
- Closed-loop servo positioning
- CE compliance

### Additional Benefits

- Zero-clearance edge guides eliminate the danger of boards becoming jammed under the edge guide.
- Magnetically coupled puller prevents damage to PCBs
- Load and unload positions can be taught at the touchscreen, which also provides diagnostic and troubleshooting information.
- Top and bottom magazine clamps compensate for out-of-square magazines
- Precision THK linear guides and electromagnetic brake system delivers a high degree of precision and repeatability.