

Model 2080 FIFO/LIFO Buffer Series



Standard Features

- Closed-loop servo positioning
- High-speed DC stepper motor conveyor
- Individual belt sections
- One-piece, machined aluminum carriage plates
- Patented conveyor drive assembly
- Hand crank width adjust

Application

The Model 2080 FIFO/LIFO Buffer series is designed to help balance the flow of your production line by temporarily storing work in progress. The 2080 series is available in 10, 20, 30, and 40 slot capacities, each able to hold product from 2" x 3" to 18" x 22" in size. The carriage is designed to take very heavy loads, while the zero-clearance conveyor guides can accommodate very thin product.

The buffer can be operated in LIFO or FIFO mode, depending on the needs of the user.

Typical applications include:

- In-line buffering before bottlenecks or inconsistent processes, like manual assembly areas
- Evacuating reflow ovens if post-reflow processes slow or stop
- Good board/bad board sorting
- Same side in/out buffering

Available Options

- Power Width Control—motorized conveyor width, controlled by thumbwheel
- Tooled Width Adjust—requires tools to adjust
- Large frame version—increases footprint, handles 18" x 24" board
- Cooling fans
- Dual Lane
- Uninterruptible power supply (UPS)
- 10-, 20-, 30-, and 40-slot capacities
- CE compliance

We also welcome custom requirements.

Additional Benefits

- Standard upline inhibit software allows the FIFO/LIFO Buffer to regulate transfers at other machines, which can help balance the line and ensures the buffer is never filled.
- Patented floating conveyor drive assembly is reliable and easy to set up.
- Teach positions, carriage pitch, inhibit values, board capacity, and "first slot" variables are easily programmed at the user interface
- One-piece aluminum carriage plates and closed-loop feedback in the carriage positioning system ensure precise and repeatable transfers.
- Pass-through, stop input, and stop output modes.