

## Model 2120 Flighted LIFO Buffer



### Standard Features

- Closed-loop servo positioning
- Touchscreen Interface
- High-speed DC stepper motor conveyor
- Dual-flighted buffer assembly
- Holds sixty boards or pallets
- Hand crank width adjust

### Application

The Model 2120 Flighted LIFO Buffer is designed to help balance the flow of your production line by temporarily storing work in progress. Storing product in “Last-In, First Out” mode, the LIFO Buffer is able to hold 60 PCBs or pallets from 2” x 3” to 18” x 22” in size. The machine is designed to take very heavy loads, while the zero-clearance conveyor guides can accommodate very thin product.

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

### Available Options

- Capacity—up to 60 boards
- Power Width Control—motorized conveyor width, controlled by thumbwheel
- Cooling fans
- Uninterruptible power supply (UPS)
- CE compliance

We also welcome custom requirements.

### Additional Benefits

- Standard upline inhibit software allows the LIFO Buffer to regulate transfers at other machines, which can help balance the line and ensures the buffer is never filled.
- Teach positions, board pitch, inhibit values, and board capacity variables are easily programmed at the user interface
- Sturdy 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.