

# Mini Buffer



## Standard features:

- Five modes of operation: LIFO, Loader, Unloader, Pass through, Triggered
- Modes easily changed through hand control unit
- Tube mounted lights as status indicator
- PLC controlled
- Motorized width adjustment
- SMEMA interface

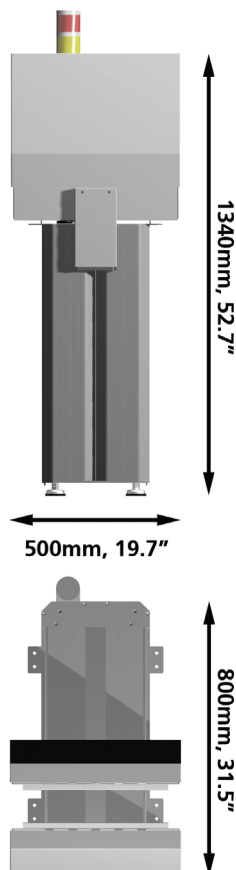
The Mini buffer consists of a vertical buffer and a 500mm conveyor, and is placed in the line to balance board flow in LIFO buffer mode, act as a line splitter in Loader or Unloader mode, or good/bad board separator in Triggered mode. Width adjustment, work mode, and other functions, are all accessed from the hand control unit, which makes the unit easily managed.

In LIFO mode, boards are received from a preceding machine and are buffered when the subsequent machine is occupied. A board is lowered from the buffer and transported to the subsequent machine as soon as it becomes ready.

In Loader mode, a maximum of 10 boards can be manually loaded in the buffer to provide the subsequent machine with a constant board flow.

In Unloader mode, a maximum of 10 boards received from the preceding machine, are stored in the buffer for manual removal.

In Triggered mode, boards signaled as bad (NG) from the preceding machine are stored in the buffer for manual removal, while good boards continue down the line to the subsequent machine.



## Technical information:

- Board transport level: 940 ± 30 mm (37 ± 1.2")
- Board length: 100 - 450 mm (3.9 - 17.7")
- Board width: 50 - 508 mm (2 - 20")
- Min. board thickness: 0.7 mm (0.028")
- Max. board weight: 3 kg (6.6 lbs)
- Max. combined board weight in buffer: 15 kg (33 lbs)
- Components clearance top: 20 mm (0.8")
- Components clearance bottom: 15 mm (0.6")
- Board edge clearance: 6 mm (0.24")
- Voltage: 100 - 240 VAC, 50/60 Hz
- Max. power consumption: 0.3 kWh
- Air supply: 5-10 bar, 200 l/h (70-140 psi, 0.12 cfm)
- SMEMA Interface

## Options:

- Automatic width adjustment
- Auto width control unit
- See order guide for more options

Order code: Mini buffer, K-017-0751