

In-line Magazine Buffer



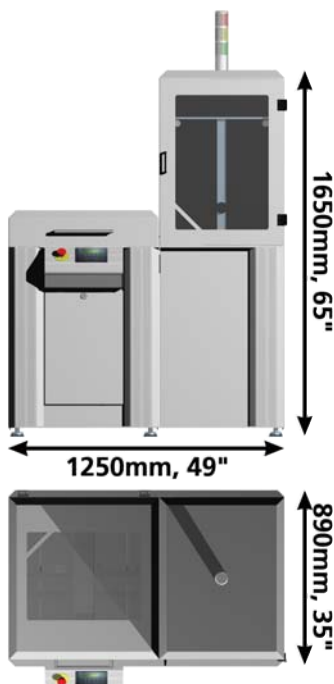
Standard features:

- Five modes of operation:
FIFO Buffer, LIFO Buffer, Manual Loader, Manual Unloader, Pass through
- Supports most standard sized magazines in Loader and Unloader mode
- Data for multiple magazines can be stored/recalled for faster changeovers
- High precision level positioning
- PLC controlled
- SMEMA interface

The Magazine buffer is placed in the line to balance board flow in FIFO or LIFO buffer mode, act as a line splitter in Loader or Unloader mode, or line merger in Pass through mode. The magazine can be removed/exchanged at any time in all work modes.

Filling ratio, skip factor, first and last load / unload position of the magazine is selectable. Most standard sized magazines are supported in Loader and Unloader mode, and multiple magazine settings can be stored in memory for easy retrieval when changing between different sized magazines.

All input is made through the operation panel, which makes the unit easily managed. When necessary, the three coloured light tower, with audible alarm, attracts the operators attention and an informative message is displayed on the operation panel.



Technical information:

- Board transport level: 940 ± 30 mm (37 ± 1.2")
- Mag. lower edge to first PCB slot: Min. 30 mm (1.2")
- Mag. lower edge to last PCB slot: Max. 547 mm (21.5")
- Max. magazine depth: 535 mm (21") **
- Max. magazine width: 580 mm (22.8")
- Max. magazine height: 570 mm (22.4")
- Max. lift weight: 50 kg (110 lbs)
- Voltage: 100 - 240 VAC, 50/60 Hz
- Air pressure: 6-8 bar (600-800 kPa)
- SMEMA Interface

** Magazine depth must be 535 mm in FIFO, LIFO and Pass through mode

Options:

- SMEMA Board Available detection
- SMEMA Machine Ready detection
- Automatic width adjustment on included Unload conveyor
- Master function for automatic width adjustment
- Automatic detection of PCBs in magazine

Order code: In-line Magazine Buffer, K-017-0589