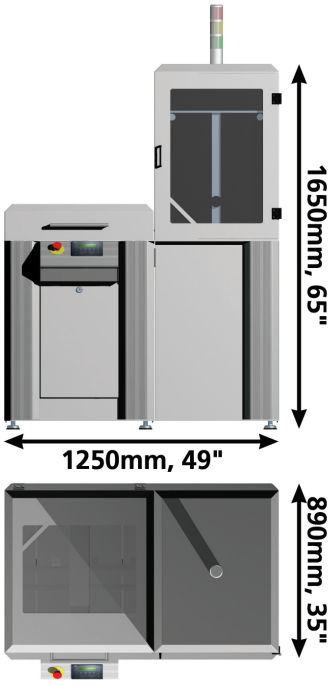
In-line Magazine Buffer

Standard features:

- Five modes of operation:
  FIFO Buffer, LIFO Buffer, Manual Loader, Manual Unloader, Pass-through
- Pass-through conveyor on elevator below magazine
- 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. All input is made through the operation panel, which makes the unit easily managed. 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. The pass-through conveyor, mounted below the magazine, enables smooth transportation of PCBs in pass-through mode and in buffer modes when the magazine is empty. 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:	30 kg (66 lbs)
• Top/bottom clearance:	25/20 mm (1.0/0.8”)
• Min. board thickness:	0.7 mm (0.028”)
• Voltage:	100 - 240 VAC, 50/60 Hz
• Max. power consumption:	0.4 kWh
• Air supply:	5-10 bar, 600 l/h (70-140 psi, 0.35 cfm)
• SMEMA Interface	

** Magazine depth must be 535 mm in FIFO/LIFO mode

Options:

- Automatic width adjustment
- See order guide for more options

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