Buffer Unit

Standard features:

- DC-motor controlled level positioning
- FIFO, LIFO, and Pass through mode
- Solid welded steel frame construction
- Light tower and audible status indicator
- PLC controlled
- Motorized width adjustment
- SMEMA interface

The Buffer unit is designed to balance station-capacity differences by offering board escape possibilities in case of failures or slow board flow in the connected systems.

The FIFO/LIFO capability and the 'pass through' function, that disables board buffering and allows the boards to pass through the unit without being buffered, gives the unit a wide range of uses.

Buffer full warning level, start slot, stepping and pass through slot is selectable. All input is made through the operators panel that makes the unit easy to operate. Motors, cables, PLC and associated control electronics are located behind steel covers. The covers are mounted on the base frame, which is manufactured from welded steel.

Technical information:

• Board transport level:	940 ± 30 mm (37 ± 1.2")
• Board length:	70 - 550 mm (2.8 - 21.7")
• Board width:	50 - 508 mm (2 - 20")
• Min. board thickness:	0.7 mm (0.028")
• Max. board weight:	2 kg (4.4 lbs)
• Board edge clearance:	3 mm (0.12")
• Slot distance:	25 mm (1")
• Max. board warpage width:	0.5%
• Storage capacity:	20 boards
• Voltage:	100 - 240 VAC, 50/60 Hz
• Max. power consumption:	0.4 kWh
• Air supply:	5-10 bar, 200 l/h (70-140 psi, 0.12 cfm)
• SMEMA Interface	

Options:

- Automatic width adjustment
- See order guide for more options

Order code: Buffer Unit, K-017-0188