

Mini Vertical buffer

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.

Standard features

- Five modes of operation:
LIFO, Loader, Unloader, Pass through, NG reject
- Modes easily changed through hand control unit
- Tube mounted lights as status indicator
- PLC controlled
- Motorized width adjustment
- SMEMA interface
- Buffer zone capacity: 10PCS of boards
- PLC control + touch screen panel operation
- Conveyor width adjustment: automatic +software input
- Optional:
 - 1). Heavy boards handling capability.
 - 2). RS-485 communication protocol



Technical specification

Transfer heights	900mm+/-50mm
Transfer direction	Left to right
Fixed rail	Front of machine
Interface	SMEMA
Conveyor belts	ESD flat belt
PCB buffer quantity	10 PCS
PCB edge support	4mm
Allowable components clearance	Top 20mm + down 15mm
Max. per boards	3kg
Max. combined board weight in buffer	30kg
Belts speed	0-12m/min (adjustable)
Safety	CE certificates
Control	PLC
Voltage	220V/ 110V , single phase, 50-60Hz

Model	Max. PCB(L *W) MM	Min.PCB(L*W)MM	Machine Dimensions (L*W*H) MM	Min. board thickness
VB-460Min	500*460	50*50	550-820-1395mm	0.6mm-6mm