



## Automatic SMT PCB Magazine Loader – ET 250L

The Automatic SMT PCB Magazine Loader is a high-efficiency board-loading machine designed to automate the initial stage of the SMT (Surface Mount Technology) production line. It is used to load PCBs into the production line directly from ESD-safe magazine racks. By automating this process, it minimizes manual handling, improves production efficiency, and ensures consistent throughput for modern SMT assembly lines.



### Specifications:

<b>Model</b>	ET 250L
<b>PCB Size</b>	50 × 50 mm to 330 × 250 mm
<b>Shelf Size</b>	355 × 320 × 560 mm
<b>Air Supply Requirement</b>	4–6 kg/cm <sup>2</sup> (0.4–0.6 MPa), dry and clean air (if pusher uses pneumatic)
<b>Cycle Time</b>	≤ 6 seconds per PCB
<b>Magazine Compatibility</b>	Standard 355 × 320 mm ESD Magazine Rack
<b>Communication Interface</b>	SMEMA
<b>Magazine Rack Capacity</b>	1 magazine (top), 1 loading, 1 standby position
<b>Control System</b>	PLC or Microcomputer controlled
<b>Power Supply</b>	AC 220V, 50/60Hz
<b>Machine Dimensions</b>	1180 × 800 × 1200 mm
<b>Weight</b>	140 Kg

### Features:

- Microcomputer-controlled system ensures stable and reliable PCB loading.
- Built-in push plate mechanism eliminates the need for separate pusher equipment.
- Touchscreen interface enables easy operation and real-time monitoring.
- Compatible with standard ESD PCB magazine racks for flexible use.
- Automatic height adjustment based on PCB thickness for efficient handling.

**ERGONOMIC AND VERSATILE, TRUSTED BY PROFESSIONALS**



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