



Compatible  
**[SMARTBOX]**  
**<PROCESS TRACKER>**



## Classic-MMUL-330

### FEATURES

The Automatic Unloader is designed for unloading of PCBs, an arriving PCB is taken up by the attached conveyor and then pushed into the magazine by a specially designed pusher. The magazine indexes to the next position and is ready for the following unloading cycle. Connect with SMT and AI production line, safety design ensures not to break any PCB when it is pushed and thus reduce defect rate. Agility operation with high accuracy, automatic counting, fault alarm functions, it is required for a full range of automatic equipment.

- PCB Max : 440x330
- Magazine capacity: Top 1+ Middle 1+Down 2, total 4 magazines. (Optional: 5 magazines)
- Full CE regulations safety cover
- Selectable pitch 10mm up to 80mm
- Auto/Manual run modes
- Diameter 3.8mm edge Flat ESD belt
- Component clearance: top 50mm, bottom 30mm
- Power: AC220V/110V, 50/60 HZ, 1 phase
- Air Pressure: 5kgf/cm<sup>2</sup>
- PCB Convey Direction: L-R ( Or R-L)
- Front rail fixed ( or rear rail fixed)
- Conveyor height:900+/-50mm (Standard height for SMT application)
- For AI application, please specify the height requirements

Transfer heights	900mm+/-50mm
Transfer direction	Left to right
Lifting platform Max. weight loading	Above 150kg
Operation side	Front of machine
Fixed rail	Front of machine
Interface	SMEMA
Conveyor belts	ESD flat belt
PCB edge support	3.8mm
Magazine change over time	30s ( optional: 15s)
Allowable components clearance	Top 50 mm+ below 30mm
Magazine capacity	Top 1+down 2+ middle 1
Safety	CE certificates
Control	PLC
Voltage	220V/ 110V , single phase, 50-60Hz

## GLOBAL NETWORK

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**BUSINESSCENTER**  
KOREA - MEXICO - GERMANY  
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