

SMThelp.com

We design and manufacture automatic machine for the PCBA/SMT and Thru-hole industries in Shenzhen China. We help companies looking to low cost equipment with smart, ROI-driven assembly equipment solutions.



SMT Peripheral Equipment



Magazine type buffer



Loader



Unloader



Turning over conveyor



Translation conveyor



Conveyor



Lowering Gate Conveyor



Telescopic conveyor

PCB Magazine Loader



- This equipment is used for SMT PCB production line operating upper and lower plates.
- Magazine quantity: upper 1pc, bottom 1pc.
- Tank Replacement time: about 30 seconds or a user specified
- Indexing pitch:10,20,30,40 mm or user
- Power supply: 110V or 220V, single phase max 250VA.
- Air pressure from 4-6 bar, up to 10/min
- Flexible platform to suit standard magazines. Regulated pressure on attached pneumatic pusher. Pusher position adjustable to centre of the magazine. User friendly “soft touch” LED membrane controlpanel.

| Model | Dimension (L*W*H.MM) | Effect PCB size | Weight(KG) | Rack size(L*W*H.MM) |
|--------|----------------------|-----------------|------------|---------------------|
| SLD250 | 1330*765*1250 | 50*50-330*250 | 140KG | 355*320*563 |
| SLD330 | 1650*845*1250 | 50*50-445*330 | 200KG | 460*400*563 |
| SLD390 | 1800*909*1250 | 50*50-530*390 | 240KG | 535*460*563 |
| SLD460 | 1800*970*1250 | 50x50-530x460 | 300KG | 535*530*563 |

PCB Magazine unLoader



- This unit is used for loading and unloading of PCBs
- Magazine quantity: upper 1pc, bottom 2pc.
- Tank Replacement time: about 30 seconds or specify
- Indexing pitch: 10,20,30,40 mm or specify
- Power supply: 110V or 220V, single phase
- Air pressure 4-6 bar, up to 10/min
- Flexible platform to suit standard magazines. Regulated pressure on attached pneumatic pusher. Pusher position adjustable to centre of the magazine. User friendly “soft touch” LED membrane controlpanel.

| Model | Dimension (L*W*H.MM) | Effecton PCB size | Weight(KG) | Rack size(L*W*H.MM) |
|--------|----------------------|-------------------|------------|---------------------|
| SLD250 | 1330*765*1250 | 50*50-330*250 | 140KG | 355*320*563 |
| SLD330 | 1650*845*1250 | 50*50-445*330 | 200KG | 460*400*563 |
| SLD390 | 1800*909*1250 | 50*50-530*390 | 240KG | 535*460*563 |
| SLD460 | 1800*970*1250 | 50x50-530x460 | 300KG | 535*530*563 |

Combination Magazine/Stacked PCB Loader



It can be used to load PCBs onto the production line from either magazines or stacks, simplifying double-sided board assembly. Ideal for double-sided assembly.

Load bare boards from stacks or partial assemblies from magazines

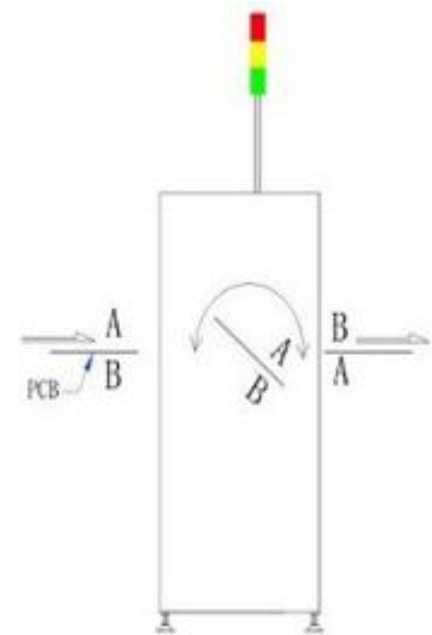
- Selectable pitch 10mm up to 40mm
- Diameter 3mm edge round belt
- Component clearance: top 80mm bottom 20mm
- Power: AC220V/110V, 50/60 HZ, 1 phase
- Air Pressure: 5kgf/cm²
- PCB Convey Direction: L-R (Or R-L)
- Front rail fixed (or rear rail fixed)
- Conveyor height:900+50/-20mm
- Stack Height: 200mm
- Conveyor speed: vacuum loading 15s/pc, loading 7s/pc

| Model | Dimension (L*W*H.MM) | Effect PCB size | Weight(KG) | Rack size(L*W*H.MM) |
|---------|----------------------|-----------------|------------|---------------------|
| SLD250L | 1500 × 870 × 1200 | 50*50-350x250 | 250 KG | 355*320*563 |
| SLD330L | 1860 × 950 × 1200 | 50*50-460x330 | 300KG | 460*400*563 |
| SLD390L | 2100 × 1000 × 1200 | 50*50-535x390 | 340KG | 535*460*563 |
| SLD460L | 2100 × 1080 × 1200 | 50x50-535x460 | 360KG | 535*530*563 |

TURNING OVER CONVEYOR

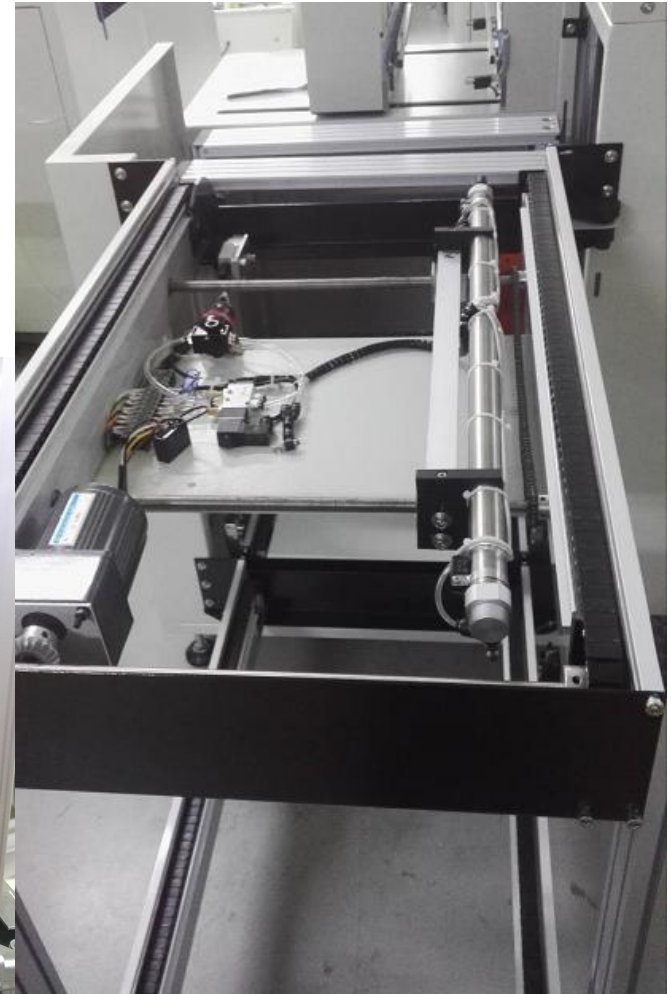


- Pneumatic stopper to keep PCB in position during inverting.
- Conveyor width adjustment using hand crank.
- Controlled by Omron PLC.
- By-pass mode selectable.
- Used to invert PCBs(180) for double sided process
- Cycle Time: Approx. 5 seconds
- Power Source: 230VAC 1ph 150VA max.(Option:100VAC)
- PCB Thickness: 0.6mm min

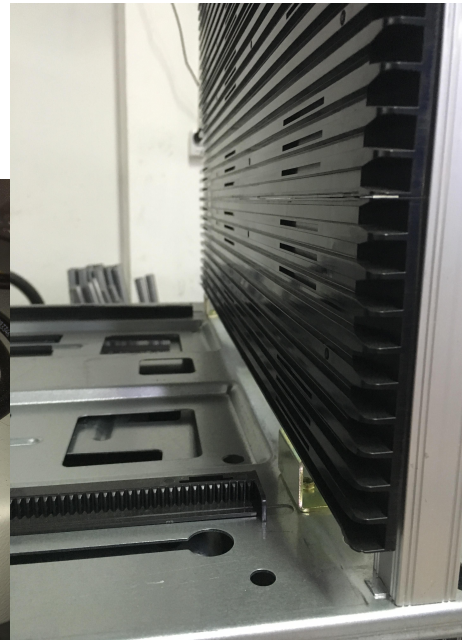


| Model | Dimension (L*W*H.MM) | Effection PCB size | Weight(KG) |
|--------|----------------------|--------------------|------------|
| S-K250 | 550*650*1350 | 50*50--250*330 | 170KG |
| S-K330 | 550*680*1200 | 50*50--330*450 | 185KG |
| S-K390 | 550*780*1200 | 50*50--390*530 | 220KG |
| S-K460 | 550*850*1200 | 50*50--460*53 | 260KG |

Stainless steel material



Antistatic Magazine



SMEMA compatible



Quick views



Best After-sales service

- **Worldwide Support**
- **Free Installation/ Training**
- **1 day lead-time (spare parts)**
- **1 Month customize solution**



Welcome inquiry

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