

# 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)	Effect PCB size	Weight(KG)	Rack size(L*W*H.MM)
SUL250	1330*765*1250	50*50-330*250	140KG	355*320*563
SUL330	1650*845*1250	50*50-445*330	200KG	460*400*563
SUL390	1800*909*1250	50*50-530*390	240KG	535*460*563
SUL460	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

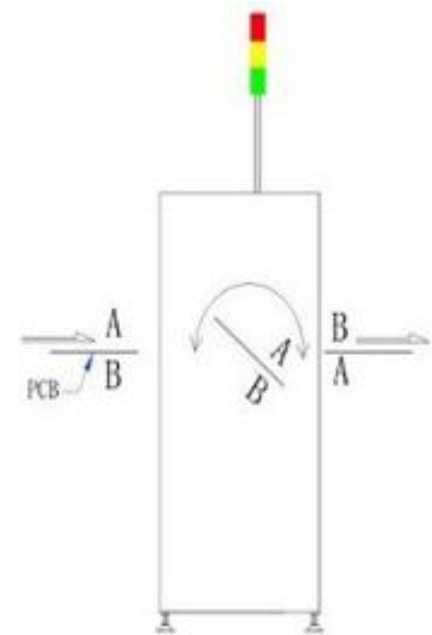
- Selectable pitch 10mm up to 40mm
- Diameter 3mm edge round belt
- Component clearance: top 80mm bottom 20mm
- Power: AC220V/110V, 50/60 HZ, 1 phase
- Air Pressure: 5kgf/cm<sup>2</sup>
- PCB Convey Direction: L-R ( Or R-L)
- Front rail fixed ( or rear rail fixed)
- Conveyor height:900+50/-20mm
- Stack Height: 200mm
- Conveyor speed: vacuum loading 15s/pc, loading 7s/pc

Model	Dimension (L*W*H.MM)	Effection 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



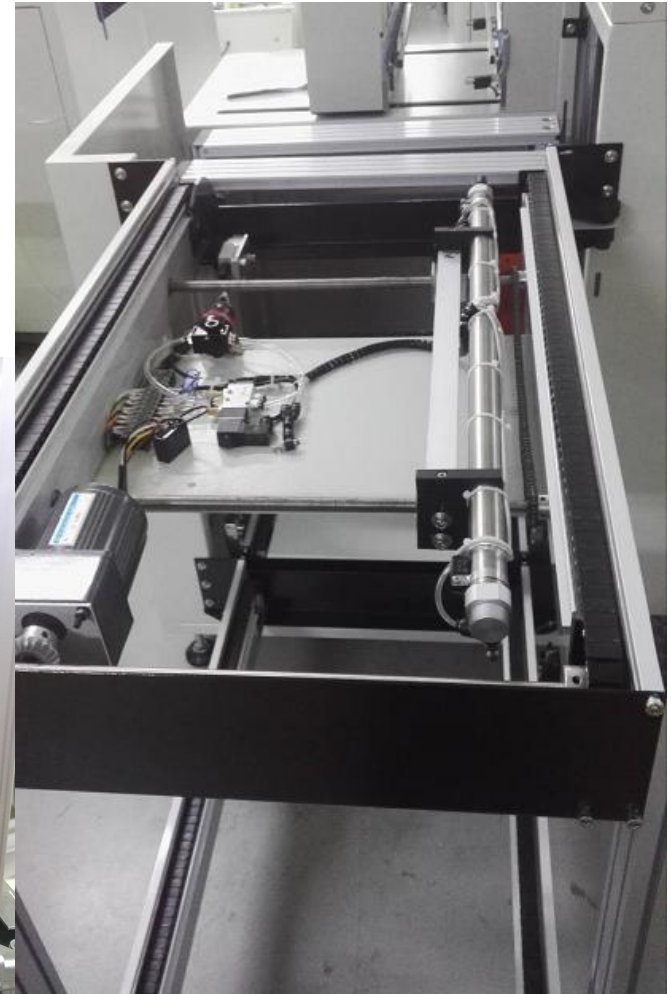
- Pneumatic stopper to keep PCB in position during inverting.
- Conveyor width adjustment using hand crank.
- Controlled by Omron PLC.
- By-pass mode selectable.
- Used to invert PCBs(180) for double sided process
- Cycle Time: Approx. 5 seconds
- Power Source: 230VAC 1ph 150VA max.(Option:100VAC)
-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



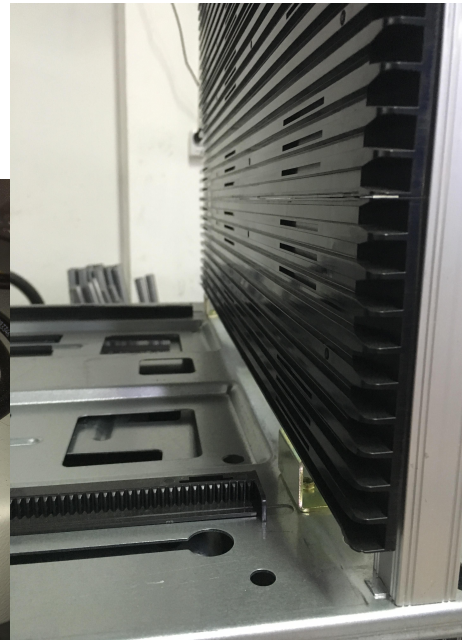
Model	Dimension (L*W*H.MM)	Effection PCB size	Weight(KG)
S-K250	550*650*1350	50*50--250*330	170KG
S-K330	550*680*1200	50*50--330*450	185KG
S-K390	550*780*1200	50*50--390*530	220KG
S-K460	550*850*1200	50*50--460*53	260KG



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

- 1, Please visit : [www.smthelp.com](http://www.smthelp.com)
- 2, Find us more: <https://www.facebook.com/autoinsertion>
- 3, Know more our team: <https://cn.linkedin.com/in/smtsupplier>
- 4, Welcome to our factory in Shenzhen China
- 5, Google: Auto+Insertion
- 6, See machine working video: youtube - Auto Insertion
- 7, Looking forward to your email: [wendy@smthelp.com](mailto:wendy@smthelp.com)