

Vacuum loader

The vacuum loader is used to load bare boards for SMT production lines. The top PCB is lifted from stack and lowered onto belt segment. The PCB stack is manually loaded into the machine and the individual PCBs are handed over to the downstream system on a transfer conveyor.



Standard features

- Screen touch panel control+ Mitsubishi PLC
- Bare boards loader mode & By-pass mode selectable
- Complete top safety visual window with interlock
- Adjustable vacuum nozzle positions provide a better way to hold the different size PCB
- Automatically positioning the shuttle distance and accurate release the PCB on the conveyor rail.
- Sucking stability improved by using robust vacuum generator system.
- Pre-warning limit alarm for stack empty
- A hand crank is used to adjust rail width
- PCB counter

Technical specification

Transfer heights	900mm+/-50mm
Transfer direction	Left to right
Operation side	Front of machine
Fixed rail	Front of machine
Interface	SMEMA
Conveyor belts	ESD flat belt
PCB edge support	4mm
PCB thickness	0.6mm or more min
PCB weights available	1KG
PCB capacity	400PCS (0.6mm thickness board)
PCB Loading time	Around 5s – 10s
Air supply	4-6 bar
Safety	CE certificates
Control	PLC
Voltage	220V/ 110V , single phase, 50-60Hz

	VK-460
Machine dimension	650-1250-1350mm(L*W*H)
Weight	180KG
PCB size	500mm *460mm