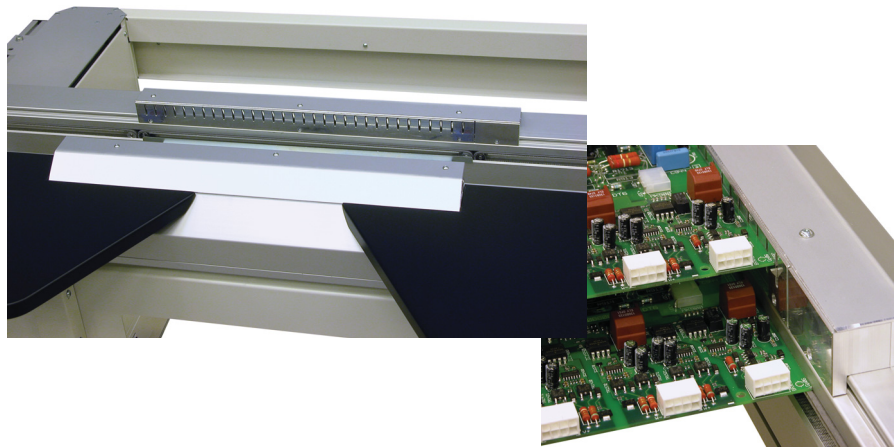


# PCB reject & inspection lift



The PCB reject & inspection lift is an option for 1000 and 1500mm conveyors and enables 'pass/fail' PCB separation and inspection. The lift has three different work modes. Reject mode, inspection mode, and pass through. In reject mode, PCB separation is determined by a 'pass/fail' signal from a preceding machine. All 'pass' boards will continue down the line and all 'fail' boards are lifted up for inspection and/or repair. In inspection mode, all PCBs are lifted up for inspection, and in pass through mode no PCBs are lifted up. Repaired/inspected boards are automatically lowered down to the conveyor by the push of a button.

## Technical information:

### Specifications:

- Max. PCB length/width: 1000mm conveyor=600/508mm (one segment)  
1500mm conveyor=470/508mm (three segments)
- Max. PCB weight: 3 kg
- Board edge clearance: 3mm
- Components clearance: Top 37mm, bottom 30mm
- Max. power consumption: 0,3 kWh
- Air supply: 5-10 bar, 100 l/h

### Detailed work mode descriptions:

- Reject mode: A preceding machine (tester/vision/other) sends a pass/fail signal for each PCB during outfeed. The conveyor stores 'pass/fail' status for each PCB and lifts up all 'fail' PCBs. All 'pass' PCBs continue down the line, even if a 'fail' PCB is lifted up for inspection/repair.
- Inspection mode: All PCBs are lifted up for inspection. The pass/fail signal from the preceding machine is ignored and no PCBs continue down the line without first being lifted up (inspected), and then lowered by the operator.
- Pass through (reject/inspect OFF): The conveyor will work as a standard conveyor and no PCBs will be lifted up for inspection/repair.
- Note: Option must be ordered with a conveyor. It is not retrofittable.

Order code: PCB reject & inspection lift, K-017-0642