

Light Conveyor



Standard features:

- Buffering conveyor sections
- Steel frame construction
- Board thickness down to 0.4mm
- PLC controlled
- Manual width adjustment
- SMEMA interface

The Light Conveyor is a cost effective product, aimed at customers that are interested in endless reliability, very low maintenance and safe transportation of PCBs through an electronics assembly line, without the advanced functions and optional accessories offered by our high-end conveyors. Pre-engineered machine parts and high volume make it possible to build high quality, low cost machinery at competitive prices.

Conveyor width adjustment is manual, and it is carried out quickly in a few simple steps. Motors, cables and the PLC with associated control electronics are housed in the conveyor profile. The conveyor frame is manufactured from welded steel, which makes the system rigid and solid. Each side and section of the conveyor has its own motor, belt and board-present sensor, enabling a board to be buffered on each section and provide smooth, reliable transportation of PCBs.

Technical information:

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|-----------------------------|-----------------------------|
| • Board transport level: | 940 ± 30 mm (37 ± 1.2") |
| • Buffering zone length: | 500 mm (19.7") |
| • Board length: | 70 - 470 mm (2.8 - 18.5") |
| • Board width: | 50 - 508 mm (2 - 20") |
| • Board thickness: | 0.4 - 6 mm (0.0016 - 0.24") |
| • Max. board weight: | 4 kg (8.8 lbs) |
| • Board edge clearance: | 3 mm (0.12") |
| • Max. board warpage width: | 0.5% |
| • Voltage: | 100 - 240 VAC, 50/60 Hz |
| • SMEMA Interface | |

Options:

- Safety covers ESD
- Safety cover ESD + safety loop
- Adjustable transport speed
- Board inspection function
- Barcode reader

Order codes: 500mm, K-017-0445 1000mm, K-017-0446 1500mm, K-017-0447
2000mm, K-017-0448 2500mm, K-017-0449

