

Shuttle Conveyor



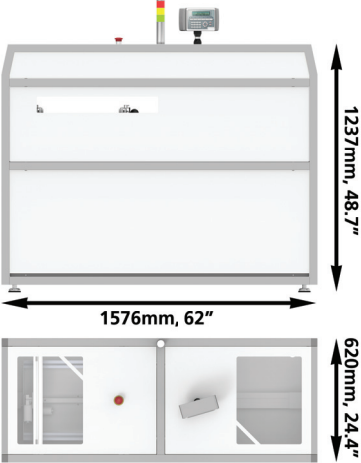
Standard features:

- Programmable infeed/outfeed positions
- PLC controlled
- Motorized width adjustment
- Servo controlled shuttle positioning
- Light tower and audible status indicator
- SMEMA interface

The shuttle conveyor works as a link between single lane and dual lane production lines. By transferring boards sideways on a shuttle, one lane is divided into two, or two lanes are merged into one. The machine consists of a traverse unit and a board carrying shuttle conveyor.

Infeed/outfeed positions and board routing rules are programmable through the operators panel.

Motorized width adjustment is standard and automatic width adjustment is available as an option. Motors, cables, PLC and associated control electronics are located inside the machine, behind covers.



Technical information:

- Board transport level: 940 ± 30 mm (37 ± 1.2")
- Board length: 70 - 570 mm (2.8 - 22.4 ")
- Board width: 50 - 508 mm (2 - 20")
- Min. board thickness: 0.7 mm (0.028")
- Max. board weight: 3 kg (6.6 lbs)
- Board edge clearance: 3 mm (0.12")
- Top/bottom clearance: 25/20 mm (1.0/0.8")
- Max. board warpage width: 0.5%
- Transfer distance: Specified by customer
- Board routing configuration: 1 in -> 2 out or 2 in -> 1 out
- Voltage: 200 - 240 VAC, 50/60 Hz
- Max. power consumption: 0.8 kWh
- SMEMA Interface

Options:

- Automatic width adjustment
- See order guide for more options

Order code: Shuttle conveyor, K-017-0849