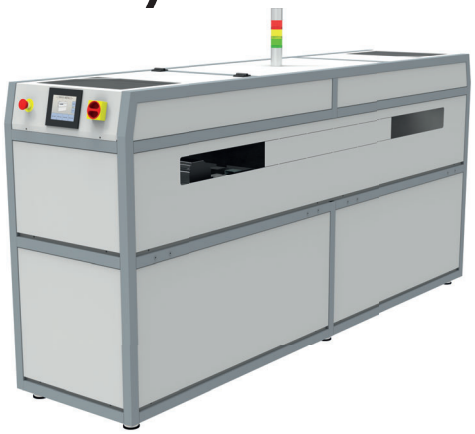
ELECTRO DESIGN

Board Transfer System



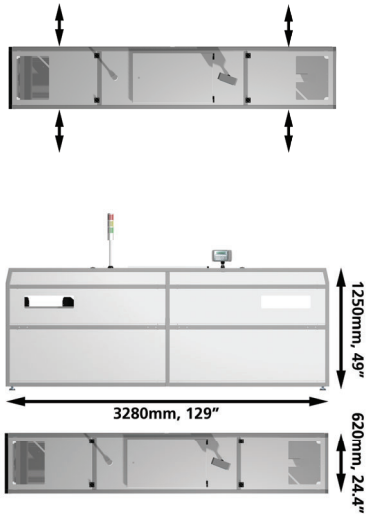
Standard features:

- Customer defined transfer distance and infeed/outfeed configuration
- PLC controlled
- Servo controlled shuttle positioning
- Motorized width adjustment
- Light tower and audible status indicator
- SMEMA interface

The board transfer system is a sophisticated solution for dividing, merging, or rerouting production lines by transferring boards between them. The machine consists of a traverse unit and a board carrying shuttle conveyor.

Possible board routing configurations are from 1 in 1 out, up to 1 in 3 out or 3 in 1 out. Board routing in a multiple in/out configuration is determined by a selector switch or signals supplied by the preceding machine(s).

All settings are done via the touch screen HMI. Automatic width adjustment is available as an option.



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 (0.027”)
• 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:	Specified by customer (H, h, Z or U)
• 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: Board transfer, K-017-0187