

Model F1800 Side Shuttle “Transverse Conveyor”



A FlexLink standard solution

5159EN-3

Precision guided carriage assembly for smooth transfers



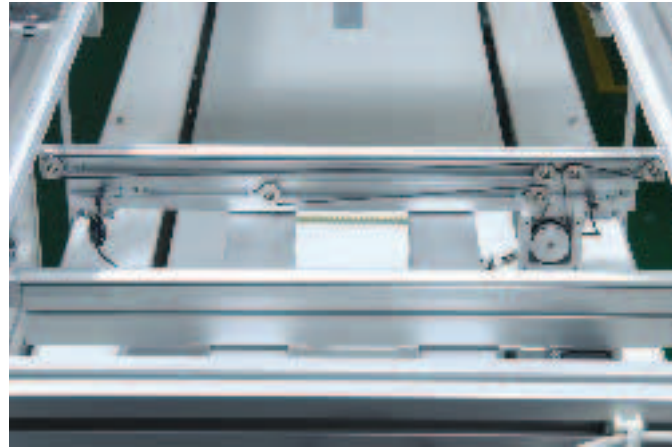
The model F1800 Side Shuttle is used to route pc boards from one position to another. The Side Shuttle can receive a board from an upline machine and can deliver it to a downline machine that is slightly offset from the main line.

The Side Shuttle uses a pneumatically actuated shuttle assembly to accurately position the pc boards. An optional servo controlled shuttle assembly is available for high-speed applications.

Model F1800 Side Shuttle “Transverse Conveyor”

Standard features

- SMEMA compatible
- ESD safe design
- PLC controlled
- Precision hand crank width adjust system
- “Open transfer” belt drive system
- Pass through mode
- Pneumatically activated shuttle system
- 600 mm (24") standard stroke
- Teachable, 3 input and 3 output locations
- Protective safety covers, non ESD



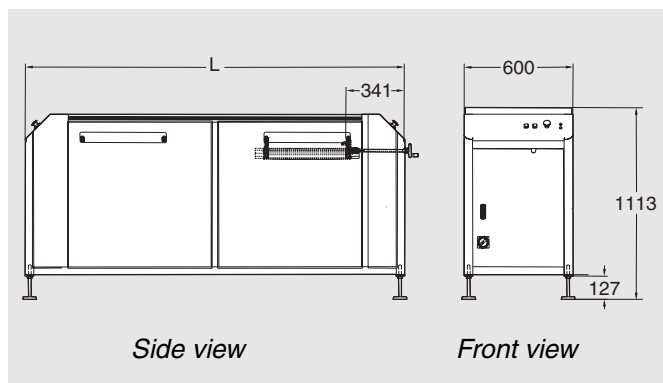
Carriage assembly

Options

- CE compliance
- Programmable width adjust
- ESD protective safety covers
- LED indicator beacon, with alarm
- Servo control shuttle assembly
- Additional stroke length in 100 mm increments
- Cooling fan assembly

Technical characteristics

- Machine dimensions (LxWxH):
L x 600 mm x 1113 mm (L x 24" x 44")
- Machine weight: 115 kg (253 lbs.)
- Average cycle time: 12 s



Side view

Front view



Easy access slide-out control panel

Installation requirements

- Power: 100-240V AC 50/60 Hz, 10 A
- Pneumatics: 550 kPa at 36 l/min (80 psi at 2 cfm)
“non servo version only”

For more information, please contact your local FlexLink sales unit. Specifications are subject to change without notice.