

# Model F3000 Flat Belt Conveyor



*A FlexLink standard solution*

5116EN-5

## Modular transport system for pallets or PC boards



*The model F3000 Flat Belt Conveyor is a modular transport solution that can be configured to meet specific customer requirements. The system utilizes an ESD safe belt that can transport both PCB boards and pallets.*

*This module can be used to incline or decline products to and from Wave Solder systems. The module can also be fitted with a full array of workstation options, which allows the module to function as an ergonomic workstation.*

# Model F3000 Flat Belt Conveyor

## Standard features

- ESD safe design
- Variable speed control, non PLC
- ESD safe belting , 80 °C (176 °F)
- Durable ball-bearing end idlers
- Adjustable belt tension feature compensates for wear and ambient conditions

## Options

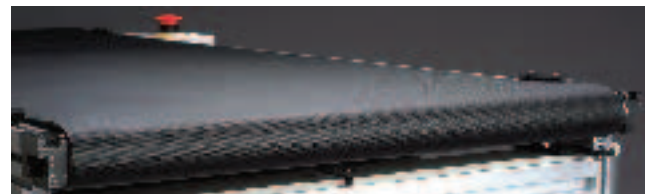
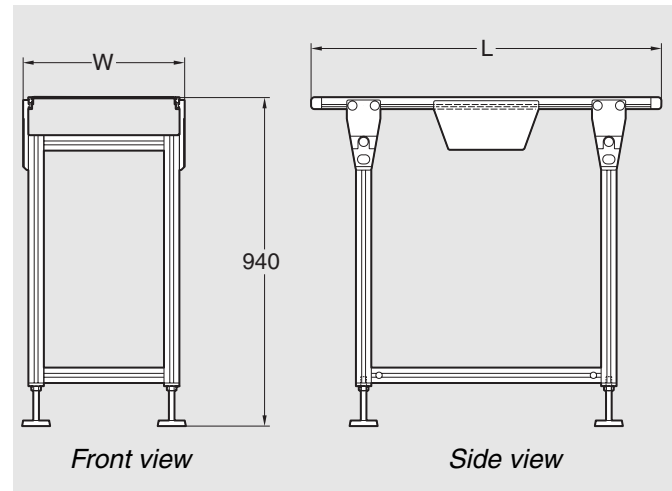
- CE compliance
- PLC control package
- Available module lengths from 180 mm (7") up to 7600 mm (25 ft.)
- Available belt widths: 300 mm, 450 mm, 600 mm (12", 18", 24")
- Non standard belt widths available: consult factory
- High temperature ESD belts up to 120 °C (250 °F); other belts offered, consult factory
- Protective safety covers, both ESD and non ESD
- Full complement of workstation features
- Incline/decline wave solder exit systems
- Cooling fans
- Available belt widths: 300 mm, 400 mm, 500 mm, 600 mm, (12", 16", 20", 24")
- Consult factory for additional options not listed

## Technical characteristics

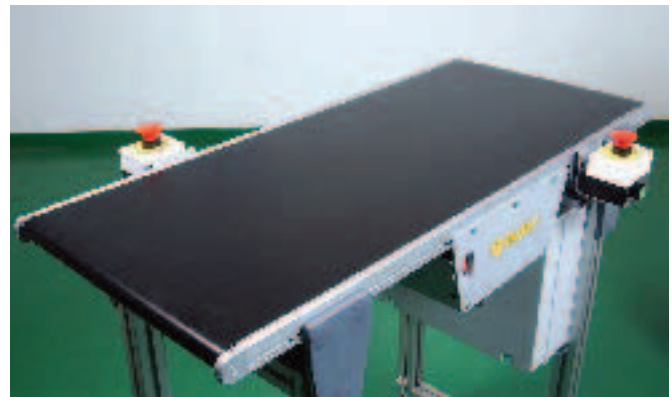
- Machine dimensions (L×W×H):  
L mm × W mm × 940 mm (L" × W" × 37")  
L is configuration dependent  
W is configuration dependent
- Machine weight: 45 kg (100 lbs.)
- Average cycle time: dependent on length and speed
- Conveyor speed: 25–150 mm/s (1–6"/s)
- Standard belt temperature of 80 °C (176 °F) max.

## Installation requirements

- Power: 100–240 V AC 50/60 Hz, 5 A
- Pneumatics: none required



*ESD safe belt surface with precision end rollers*



*Speed control with Estops and ESD jacks standard*

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