

# Model F3100 Roller Chain Conveyor



*A FlexLink standard solution*

5117EN-4

## Pallet or PC board transfer platform



*The model F3100 Roller Chain Conveyor is a modular transport solution that can be configured to meet specific customer requirements. The system utilizes a free spinning ESD safe roller design that reduces back pressure while products are being queued. The Roller Chain Conveyor is a cost effective solution for*

*buffering multiple products over extended length areas. The Roller Chain Conveyor can transport both PCB boards and pallets. The module can also be fitted with a full array of workstation options, which allow the module to function as an ergonomic workstation.*

# Model F3100 Roller Chain Conveyor

## Standard features

- ESD safe design
- Variable speed control, non PLC
- ESD safe free spinning chain rollers
- Durable ball-bearing end idlers
- Fully captured chain returns
- Precision slide width adjust system

## Options

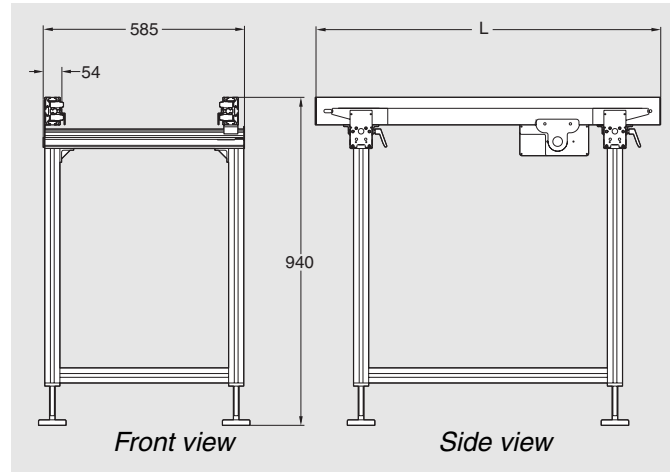
- CE compliance
- Hand crank width adjust
- Programmable width adjust
- PLC control package
- Board stop assemblies, separators, acceleration strips
- Available module lengths from 600 mm (2 ft.) up to 7600 mm (25 ft.)
- Protective safety covers, both ESD and non ESD
- Full complement of workstation features
- Chain options: consult factory for available chain options
- Consult factory for additional options not listed

## Technical characteristics

- Machine dimensions (L×W×H):  
L mm × 585 mm × 940 mm (L" × 23" × 37")  
L is configuration dependent
- Machine weight: 55 kg (121 lbs.)
- Average cycle time: dependent on length and speed
- Conveyor speed: 25–150 mm/s (1–6"/s)

## Installation requirements

- Power: 100–240 V AC 50/60 Hz, 5 A
- Pneumatics: 550 kPa at 36 l/min (80 psi at 2 cfm), configuration dependent



*Free spinning ESD safe roller design*



*Stand-alone control system*

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