

Model F1600 Turn Unit



A FlexLink standard solution

5113EN-3

Servo controlled unit re-routes PC boards at high speed



The model F1600 Turn Unit is used when a production line requires PC boards to be routed in a different direction than the standard line flow. The unit uses a servo controlled high-speed rotate mechanism to re-route PC boards within stringent toler-

ances. The module is able to achieve cycle times in less than 15 seconds per board by utilizing its advanced "heads-up" software. The unit incorporates a user friendly touch screen display.

Model F1600 Turn Unit

Standard features

- Four SMEMA compatible ports
- ESD safe design
- Pass through mode
- Can rotate boards from 0 to 270 degrees
- Teachable input and output locations
- Servo controlled rotate motion
- Protective safety covers non ESD
- PLC controlled
- Independent stepper controlled belt section with "open transfer" technology
- Standardized ESD belting system
- Hand crank width adjust

Options

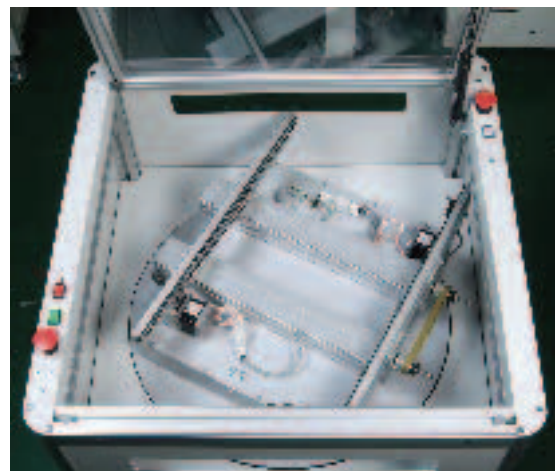
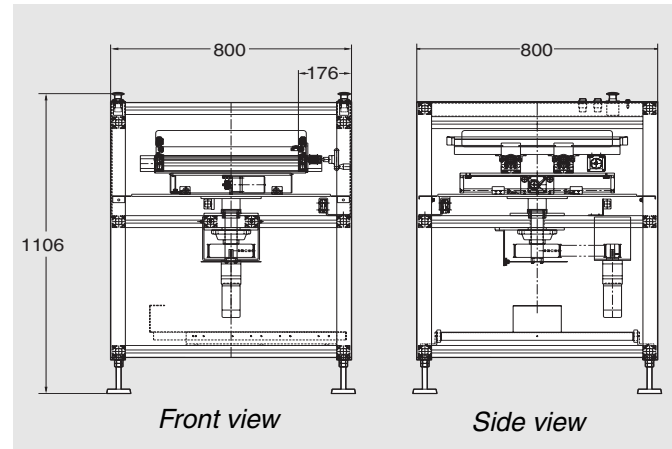
- CE compliance
- Programmable width adjust
- ESD protective safety covers

Installation requirements

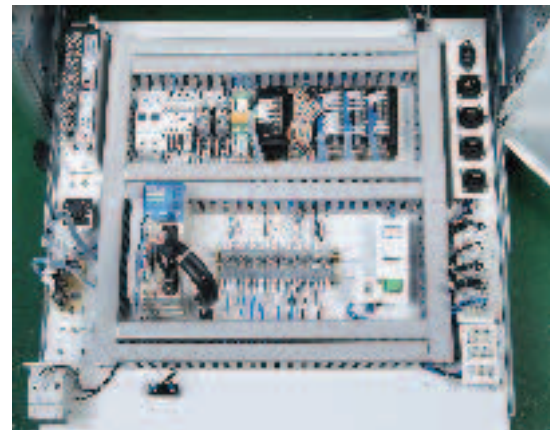
- Power: 220–240 V AC 50 Hz, 5 A or 110–120 V AC 60 Hz, 10 A
- Pneumatics: None

Technical characteristics

- Machine dimensions (L×W×H):
800 mm × 800 mm × 1106 mm (31.5" × 31.5" × 43.5")
- Machine weight: 115 kg (253 lbs.)
- Average cycle time: 15 s
- Transfer elevation: 940 mm ± 50 mm (37" ± 2")
- Conveyor speed: 25–530 mm/s (1"/s–21"/s)



Servo controlled rotate mechanism



Easy access slide out control panel

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