

Model F1100 Board Inverter



A FlexLink standard solution

5106EN-5

High speed rotate mechanism inverts boards with pinpoint accuracy



The model F1100 Board Inverter is used to invert a PC board when required in top-side/bottom-side manufacturing. The unit uses a servo controlled high-speed rotate mechanism to invert the board with pinpoint accuracy.

It is able to cradle the board during its rotate cycle by using a two-sided belt support system. The module is able to achieve cycle times of less than 8 seconds per board by utilizing its “flip-flip” software functions.

Model F1100 Board Inverter

Standard features

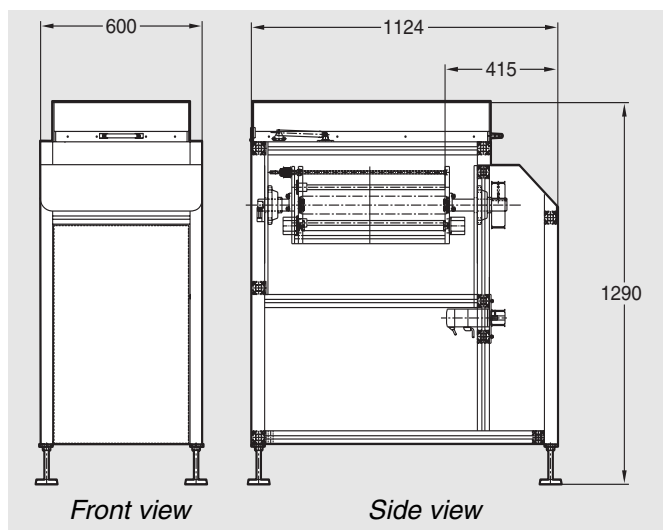
- SMEMA compatible
- ESD safe design
- PLC controlled
- Precision hand crank width adjust system
- “Open transfer” belt drive system
- Pass through mode
- Flip-flip operation
- Servo controlled rotate motion
- Teachable input and output locations
- Protective safety covers.

Options

- CE compliance
- Programmable width adjust
- ESD protective safety covers
- LED indicator beacon, with alarm

Technical characteristics

- Machine dimensions (LxWxH):
600 mm x 1124 mm x 1290 mm (24" x 44" x 51")
- Machine weight: 115 kg (253 lbs.)
- Average cycle time: 8 s
- Can support board thickness from 0,5 mm to 6 mm (.020" to .250"). Consult factory for other thicknesses if required.

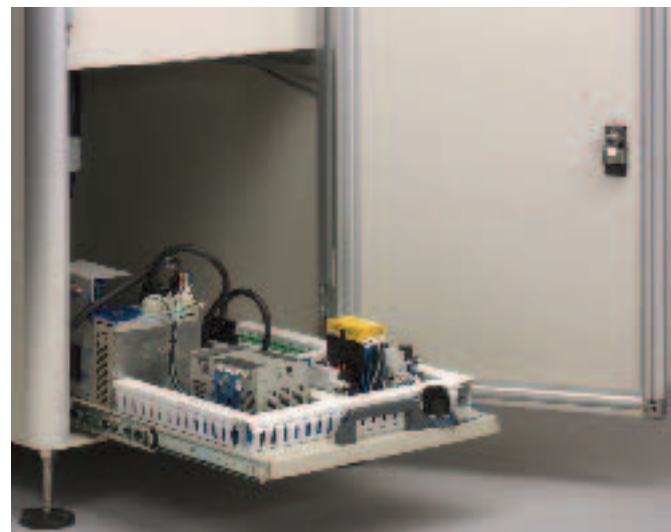


Installation requirements

- Power: 100–240 V AC 50/60 Hz, 10 A
- Pneumatics: none required



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.