

Turn Unit



Standard features:

- Board routing through L-bends, T-junctions or crossovers
- DC-motor precision controlled rotation and X/Y motion
- Solid welded steel frame construction
- Light tower and buzzer as status indicator
- PLC controlled
- Motorized width adjustment
- SMEMA interface

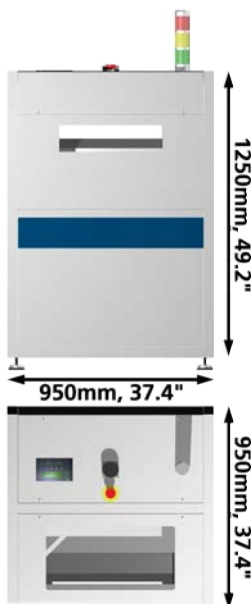
The Turn unit routes boards from 1, 2 or 3 infeed sides, to 1, 2 or 3 outfeed sides. Board infeed/outfeed routing can be fixed, based on board flow, and/or based on priority values set via the control panel. Outfeed routing can also be controlled by two external signals or by a barcode reader.

All configurations, such as side assignment, infeed/outfeed routing, width adjustment, and more, are made through the control panel.

The unit is compact and can be placed next to adjacent machines without the need for any interconnecting conveyors.

The conveyor, which is mounted on a DC-motor controlled X/Y table, is built in one 0,5 m section and each side has its own belt driving motor.

Cables, PLC and associated control electronics are located behind steel covers below the control panel, which makes it easy to access.



Technical information:

- Board transport level: 940 ± 30 mm (37 ± 1.2")
- Board length: 70 - 470 mm (2.8 - 18.5")
- Board width: 50 - 508 mm (2 - 20")
- Board thickness: 0.4 - 6 mm (0.0016 - 0.24")
- Max. board weight: 4 kg (8.8 lbs)
- Board edge clearance: 3 mm (0.12")
- Max. board warpage width: 0.5%
- Voltage: 100 - 240 VAC, 50/60 Hz
- Accelerated and decelerated X/Y movement and rotation
- SMEMA Interface

Options:

- Automatic width adjustment
- Barcode reader for board routing

Order code: Turn unit, K-017-0184