

# Board Inverter



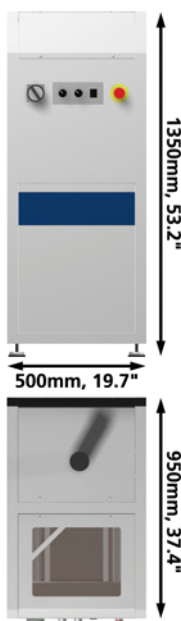
## Standard features:

- Programmable board flow sequence
- DC-motor controlled inverter movement
- Pass through function
- Solid welded steel frame construction
- Light tower as status indicator
- PLC controlled
- Motorized width adjustment
- SMEMA interface

The Board inverter turns a board upside down to make processing possible on both sides without manual intervention. A board transfer cycle consists of infeed, flip or no-flip, and outfeed. Up to 10 different board transfer cycles can be stored. The machine is bi-directional and can receive and send boards both up- and downstreams.

Conveyor width adjustment is motorized and is carried out manually by a toggle switch. The unit is also equipped with a pass through switch that disables pre-programmed board transfer cycles, and allows boards to pass through the unit without being handled.

Motors, cables, PLC and associated control electronics are located behind steel covers. The covers are mounted on the base frame, which is manufactured from welded steel that makes the system extremely rigid and solid.



## Technical information:

- Programmable parameters: Infeed and outfeed side, flip or no-flip
- Board transport level: 940 ± 30 mm (37 ± 1.2")
- Board length: 70 - 450 mm (2.8 - 17.7")
- Board width: 50 - 508 mm (2 - 20")
- Board thickness: 0.8 - 3 mm (0.03 - 0.2")
- Max. board weight: 3 kg (6.6 lbs)
- Board edge clearance: 3 mm (0.12")
- Max. board warpage width: 0.5%
- Voltage: 100 - 240 VAC, 50/60 Hz
- SMEMA Interface

## Options:

- Automatic width adjustment
- Auto width control unit

Order code: Board Inverter, K-017-0189