

# Board Inverter



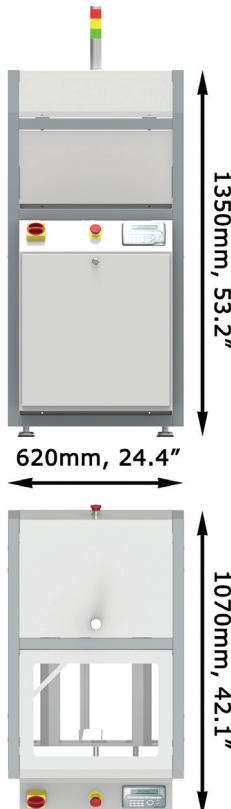
## Standard features:

- 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
- SHEMA 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 5 different board transfer cycles can be stored. The machine is bi-directional and can receive and send boards both up- and downstream.

All settings and adjustments are done through the operators panel. Status feedbacks, in form of informational messages and alarms, are also displayed on the HMI when the machine is in production or an alarm occurs.

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 which makes the system extremely rigid and solid.



## Technical information:

- Programmable cycle parameters: Infeed and outfeed side, flip or no-flip
- Board transport level: 940 ± 30 mm (37 ± 1.2")
- Board length: 70 - 550 mm (2.8 - 21.6")
- Board width: 50 - 508 mm (2 - 20")
- Min. board thickness: 1 mm (0.04")
- Max. board weight: 3 kg (6.6 lbs)
- Board edge clearance: 3 mm (0.12")
- Top/bottom clearance: 25/20 mm (1.0/0.8")
- Max. board warpage width: 0.5%
- Voltage: 100 - 240 VAC, 50/60 Hz
- Max. power consumption: 0.4 kWh
- Air supply: 5-10 bar, 220 l/h (70-140 psi, 0.13 cfm)
- SHEMA Interface

## Options:

- Automatic width adjustment
- See order guide for more options

Order code: Board Inverter, K-017-0189