

Model 2160 Power and Free Chain Conveyor



Standard Features

- DC motor
- Emergency Stop and Reset Controls
- Beveled-edge, low-friction ESD roller chain
- Zero-gap edge guide
- ESD-wrist strap receptacles

Application

The Model 2160 Power and Free Conveyor is a low-backpressure roller chain conveyor used to transport product between manufacturing processes while contacting the product only along its edges. Power and Free conveyors can be used as a simple means of spanning large distances. Sophisticated controls, board actuators, and ergonomic workstation accessories can be added.

The low backpressure roller chain allows product to queue on a continuously running conveyor while minimizing friction on the product.

Typical applications include:

- Conveyance of PCBs, pallets, Auer boats, and JEDEC trays between manufacturing processes
- Buffering, indexing, or singulating products
- Acting as a platform for inspection, manual assembly, or cooling

Available Options

- 3 mm or 6 mm chain
- PLC control (required for indexing functions or most operator controls/interfaces)
- Length (3—20 feet)
- Fixed Width
- Light Tower
- Fixed Stop at Discharge End
- Foot Rests, Armrests, and Workstation
- Accessories
- Worktables
- Cooling Fan Banks
- Pneumatic Stops and Singulators
- CE compliance

We welcome custom applications.

Additional Benefits

- Zero-gap edge guides eliminate the danger of boards becoming jammed under the edge guide.
- Precision-cut, proprietary aluminum extrusion frame.
- Extruded frame and conveyor rails allow accessories to be easily added and positioned.
- High-speed DC motors can move a five pound product at 66 ft./min.
- Optional pneumatic product stops can be positioned anywhere along the length of the conveyor
- Optional product singulators can segregate a single product from a continuous queue.