



SIMPLIMATIC
AUTOMATION

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Power and Free Conveyor Model 3160

Model 3160 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 (requires 5mm edge clearance). Power and Free conveyors can be used as a simple means of spanning large distances or controls, and workstation accessories can be added.



STANDARD FEATURES

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

ADDITIONAL BENEFITS

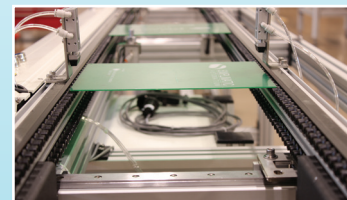
- Zero-gap edge guides eliminate the danger of boards becoming jammed under the edge guide.
- Precision-cut, proprietary aluminum extrusion frame.
- Extruded frame and conveyor rails allow accessories to be easily added and positioned.
- High-speed DC motors can move a five pound product at 66 ft./min.
- 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.
- Modular conveyor rails allow the length of the conveyor to be significantly increased or decreased at a minimal cost.

TYPICAL APPLICATIONS

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

AVAILABLE OPTIONS

- 3mm or 6mm chain
- PLC control
- Length (3–20 feet)
- Fixed Width
- Fixed Stop at Discharge End
- Foot Rests and other Accessories
- Worktables
- Cooling Fan Banks
- Pneumatic Stops and Singulators
- CE compliance



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Simplimatic Automation has been a leader in material handling systems since 1965. The company is part of the Simplimatic Engineering Holdings family of companies, which also includes Advantage Puck Technologies.