

Heavy Duty Conveyor

**Increase line throughput
without sacrificing yields!**

As the industry expands rapidly, manufacturers require conveyor systems that can handle higher volumes and accommodate various soldering applications. The Heavy Duty Finger Conveyor option is designed to address the increasing demands of PCB production in terms of throughput capability and process flexibility.

Electrovert's new Heavy Duty Conveyor can handle loads up to 91 kg (200 lb) for maximum throughput with all the advantages of a single continuous conveyor.

The Heavy Duty Finger Conveyor is equipped with titanium universal V/L fingers that are available with 3 mm or 6 mm L. The conveyor system utilizes three precision Thompson linear bearing support cross shafts and three fine-pitch screw shafts to support the weight and ensure parallelism of the conveyor. Furthermore, the rail and tunnel support structure is made of high-strength hard-coat anodized aluminum extrusion, which spans through the entire machine, ensuring the system's durability and stability.



Key Features and Benefits:

- Increased efficiency and productivity, reduced downtime and improved product quality
- Reduce risk associated with improper weight and product loading
- Handles loads up to 91kg (200 lb)
- Single continuous finger conveyor system through entire process
- Titanium universal V/L fingers
- Field upgradeable

Heavy Duty Conveyor



Available with optional Software Integrated Automatic Lubrication system

| CONVEYOR SPECIFICATIONS | | | |
|-------------------------|----------|--|--------------|
| | | VectraElite | Electra |
| Heavy Duty Conveyor | Optional | 91 kg (200 lbs) | |
| Universal V/L Finger | Optional | Available with 3 mm or 6 mm L | |
| Conveyor Width Range | Standard | 458 mm (18") | 508 mm (20") |
| | Optional | 508 mm (20") | 610 mm (24") |
| Conveyor Speed Range | Standard | 0.30 - 3.66 m/min (1.0 - 12.0 ft/min) | |
| Speed Control Accuracy | Standard | 1% of maximum speed | |
| Wet Finger Cleaner | Standard | Software controlled fluid flow through brush at the unload end of conveyor | |

ITW EAE is a division of Illinois Tool Works, Inc. It is a consolidation of all of its Electronic Assembly Equipment and Thermal Processing Technology. The group includes world-class products from MPM, Camalot, Electrovert, Vitronics Soltec and Despatch.

© 2023 ITW all rights reserved. Heavy Duty Conveyor 5-2023

www.itweae.com

Electrovert

Cleaning & Soldering Solutions

ITW EAE