

Randall Tool & Manufacturing Versalite L Series Conveyor



The **VersaLite L Series conveyor** combines durability, portability and versatility all in one affordable package. It is a roller-bed belt conveyor, designed to handle medium to light loads (135lb per 16 ft section).

Features:

- Made from corrosion resistant materials:
aluminum frame, stainless steel pulleys and roller axles, UHMW rollers
- NEMA 4 watertight electrical enclosures and connections.
- One Master conveyor section can control up to 10 slave conveyor sections (up to 180 feet total)
 - Low cost per linear foot of conveyor.
 - Can be setup and taken-down quickly
 - Can be angled up to 20 degrees up or down at each connection
- Small diameter (1.25") pulleys allow for easy transfer of small items from one conveyor section to another.
 - One year Limited Warranty

Specifications:

- Input Voltage: 120VAC
- Minarik variable-speed, reversing DC motor control
- Motor: Leeson Gear motor 1/17HP 90VDC
- Load Capacity(per 16' conveyor): 150lb
- Bed Type: UHMW rollers spaced 9" apart
- Belt Width: 10"
- Belt Speed (variable): 0-50 feet per minute
- Weight
 - 55 lbs. (8 foot section)
 - 75 lbs. (16 foot section)
- Standard lengths: 8 ft and 16 ft (custom lengths are available.)

How it works: There are two different classes of conveyor: master and slave. The master conveyor is a complete conveyor by itself. It has its own motor and control and can be used as a stand-alone unit. The slave conveyor has its own motor but has no controller. It must be connected electrically to a master conveyor in order to run. Up to 10 slave sections may be controlled by a master for a total of 180'. (when using 16'4" sections)

Available in 16'4" and 8'4" sections standard(custom sizes are available). The VersaLite L Series is built to handle high moisture environments, so it can be used in the Greenhouse or even outdoors. All electrical connections are NEMA 4 rated waterproof sealed. The conveyor is built almost exclusively from corrosion-resistant materials. The conveyor frame is aluminum. The end pulleys and bed roller axles are stainless steel. The bed rollers are made of UHMW polyethylene. The only steel on the conveyor is in the fasteners and the double-sealed ball bearings.

The VersaLite L Series is easy to setup and move. First, set up your stands. (For 16'4" sections you will need three stands for the first section; two for each section after that.) Second, set your master conveyor at one end of your run. Third, set your slave sections on your stands while placing the tail end(the end opposite the motor) of each conveyor into the cradle bracket of the previous conveyor.(picture A) Fourth, using the quick connect DC connectors. (picture B) plug in the first slave to the master, and plug in each slave after that to the previous slave. Finally, plug in your master to 120VAC, switch on the control, and dial in your speed.