

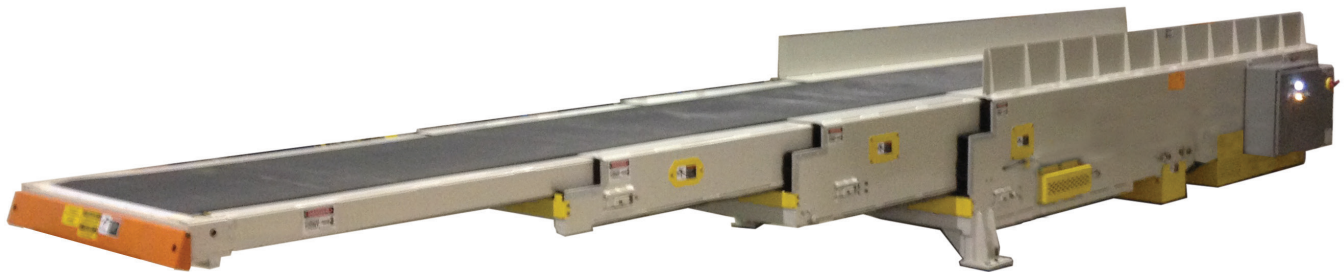
# EXTENDABLE BELT CONVEYOR



## EXTENDABLE BELT CONVEYOR

The Extendable Belt Conveyor is a telescoping conveyor that extends into the truck trailer as an ergonomic solution for loading and unloading. These conveyors are most commonly found in shipping and receiving areas, warehouses, and other locations where it is necessary to move packages and other items in and out of trucks and shipping containers.

Extendable, telescoping conveyors can improve productivity and efficiency at the dock door.



## FEATURES

- Mechanical clutch protects the boom drive gear motor
- Gearmotor boom extension drive system
- Motorized pulley belt drive with variable belt speeds to meet a variety of application requirements
- Robust design is available that can handle up to 80 pounds per foot
- Side frames are formed, high carbon A-36 steel for added strength
- Powder coated for a more durable, longer lasting finish
- Safety guards to protect and close off pinch points for added worker safety
- Sealed, no maintenance bearings
- Variable belt speeds available with optional VFD controls



## SPECIFICATIONS

### GENERAL

|                   |  |
|-------------------|--|
| Bed Width         | 24" to 36"; varies by model see REFERENCE CHART                        |
| Extended Length   | 15' to 90'; varies by model see REFERENCE CHART                        |
| Compressed Length | 9' to 25'; varies by model see REFERENCE CHART                         |
| Capacity          | 50 pounds per linear foot  |
| Belt              | Solid woven polyester with PVC cover, 120 PIW                          |
| Belt Drive        | Motorized pulley drive or gearmotor with drive pulley                  |
| Telescopic Drive  | Helical bevel gearmotor with brake with dual synchronized roller chain |
| Power             | 3 phase/460VAC/60Hz standard with low voltage controls                 |

### REFERENCE CHART

| Type    | Model     | Compressed Length | Cantilevered Extension | Full Extended Length | Belt Width | Discharge Elevation |
|---------|-----------|-------------------|------------------------|----------------------|------------|---------------------|
| 1 stage | 1-0915-32 | 9'                | 6'                     | 15'                  | 32"        | 36"                 |
|         | 3-1339-24 | 13.5'             | 25.5'                  | 39'                  | 24"        | 35"                 |
|         | 3-1650-36 | 16.5'             | 33.5'                  | 50'                  | 36"        | 35"                 |
| 3 stage | 3-2064-30 | 20'               | 44'                    | 64'                  | 30"        | 35"                 |
|         | 3-2372-24 | 23'               | 49'                    | 72'                  | 24"        | 36"                 |
|         | 3-2580-30 | 25'               | 55'                    | 80'                  | 30"        | 38"                 |
| 4 stage | 4-1864-24 | 18'               | 46'                    | 64'                  | 24"        | 40"                 |
|         | 4-2590-24 | 25.5'             | 64.5'                  | 90'                  | 24"        | 40"                 |

\* All model dimensions subject to change without notice.

## OPTIONS & ACCESSORIES

**Raised Belt Transfer** - Packages are automatically lifted off the belt reducing product damage and provides a transition for packages from the unloader to the takeaway systems.

**Traversing System** - Service multiple dock doors with a single conveyor. The traversing system attaches to the base of the conveyor and provides side to side mobility.

**Hydraulic Tilt** - Adjust the height of the entire length of the conveyor to safely and ergonomically load and unload packages from a variety of trailers.

**Powered Articulating Boom End** - Ideal for transferring heavy, floor loaded packages, boxes, bags, or bales ergonomically, reducing operator fatigue. The articulating boom end is attached to the operating end of the conveyor and is designed to raise and lower the end section of the conveyor to assist with transferring packages to or from the conveyor at the proper height.