

EXTENDABLE BELT CONVEYOR



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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 50 pounds per foot
- Side frames are formed and welded 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 80'; 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 stage	3-1650-36	16.5'	33.5'	50'	36"	35"
	3-2580-30	25'	55'	80'	30"	38"

* All model dimensions subject to change without notice.

* Contact sales for custom applications.

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.

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.