



Live Roller DC Conveyor

EXECUTIVE SUMMARY

The Live Roller DC Conveyor (RLVDC) utilizes brushless 24 VDC motors along the length of the conveyor. Rollers in this conveyor are driven from one another with high tensile O-rings. Using low voltage drives yields several benefits including dramatic energy savings and the ability for operators to work safely around the conveyor.

OVERVIEW

- General transport where accumulation is not required
- Ideal for light to medium products
- Modular design and adjustable speeds
- Modular design allows for easy conversion to zero pressure conveyor
- Easily reversible direction of product flow
- Does not require compressed air
- Energy efficient DC motors create whisper-quiet operations
- Relatively low torque motors are safer for operator interactions

ROLLER CENTERS
2" & 3"

LOAD CAPACITY
75 lbs per motor roller

SPEEDS
40 – 200 FPM

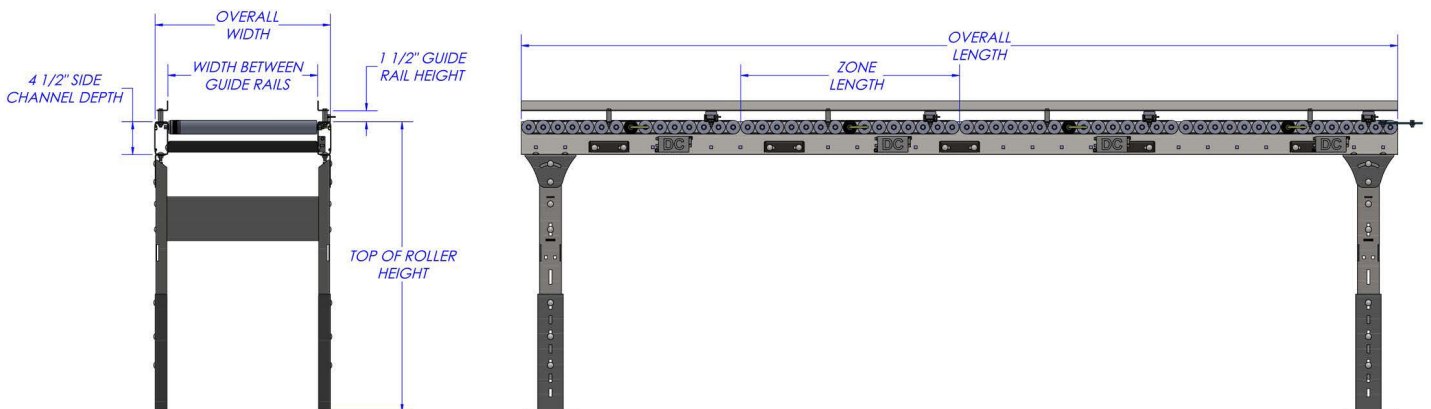
Standard Conveyor Overall Width	18" 24" 30"
Guide Rail Width	14.5" 20.5" 26.5"
Roller Width	14.5" 20.5" 26.5"
Conveyor Weight per 10ft bed section	#321 #351 #381
Standard Bed Length	10'
Motor	Brushless 24 VDC, one per zone
Rollers	1.9" dia. X 16 ga. galvanized, spring loaded 7/16" hex axle
Rollers Centers	2" & 3"
Product Load Capacity	75 lbs per motor roller
Speeds	40-200 FPM (65 FPM Standard)
DC Power Supply	Available in input ranges of 110V and 480V

APPLICATIONS

- Works with a variety of product sizes and types
- General transport where accumulation is not required
- Ideal for light to medium products
- Modular design and adjustable speeds
- Reversible Flow

ADDITIONAL EQUIPMENT

- Floor Supports
- Guide Rails
- Ceiling Hangers



Warranty: One Year (Please see our warranty for further details)

All information and calculations in the General Guidelines table are based on typical applications.

Please contact Bastian Solutions for other lengths, widths, and configurations.