



Live Roller Curve DC Conveyor

EXECUTIVE SUMMARY

The Live Roller Curve DC Conveyor (RLCDC) is a tapered roller curve which aids in carton tracking around corners. This model is a true taper which avoids products skewing as they travel through the curve. The model is used for transportation around the curve, The RLCDC is available in 30°, 45°, 60°, and 90° curve angles.

OVERVIEW

- Curve transport where accumulation is not required
- Ideal for light to medium products
- Works with a variety of product sizes and types
- Energy efficient DC motors create whisper-quiet operations
- Relatively low torque motors are safer for operator interactions
- Sleek, low-profile design provides a professional, clean appearance
- Curve maintains product orientation

ROLLER CENTERS
2"

ANGLES
30° | 45° | 60° | 90°

SPEEDS
40 – 150 FPM

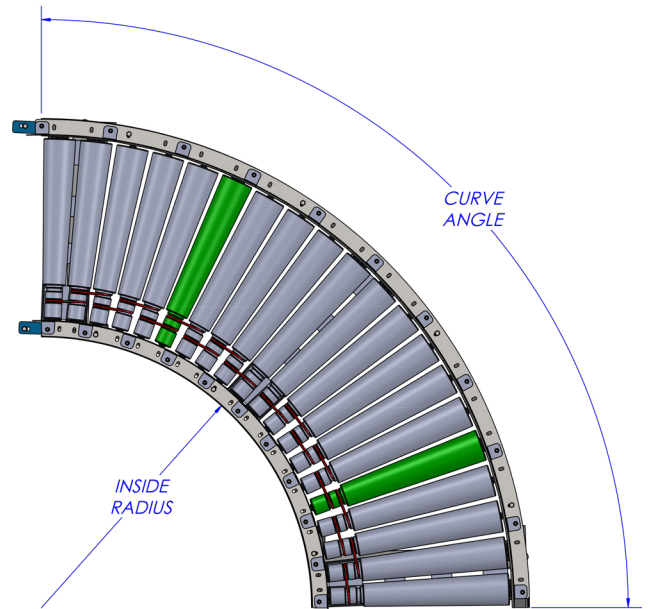
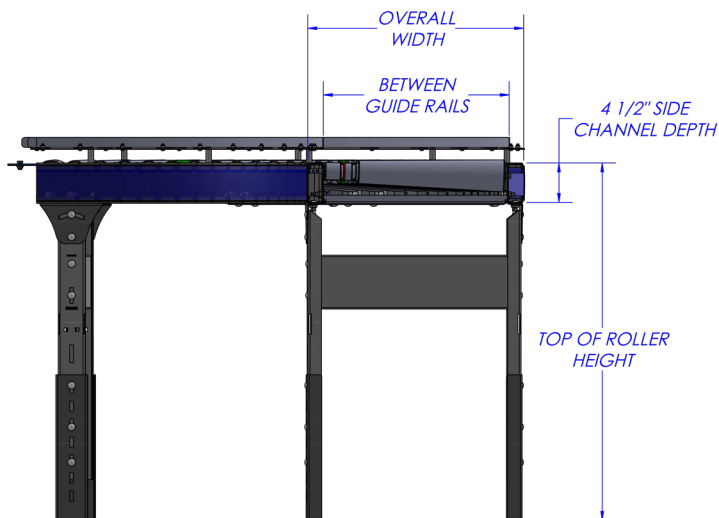
| Standard Conveyor Overall Width | | 18" 24" 30" |
|---------------------------------|---|-----------------|
| Guide Rail Width | 15.75" 21.75" 27.75" | |
| Roller Width | 14.5" 20.5" 26.5" | |
| Inside Radius | 28.4" 28.4" 22.9" | |
| Outside Radius | 46.4" 52.4" 52.9" | |
| Angles | 30° 45° 60° 90° | |
| Motor | Brushless 24 VDC, one per zone | |
| Rollers | Injection molded true tapered rollers powered via high tension O-ring drive | |
| Rollers Centers | 2" at Inside Radius | |
| Product Load Capacity | 75 lbs per drive roller | |
| Speeds | 40-150 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
- Ideal for light to medium products
- Works with a variety of product sizes and types
- Orientation of the product through the curve is important

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.