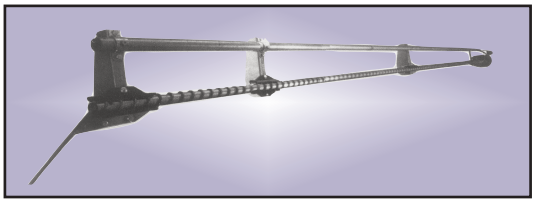
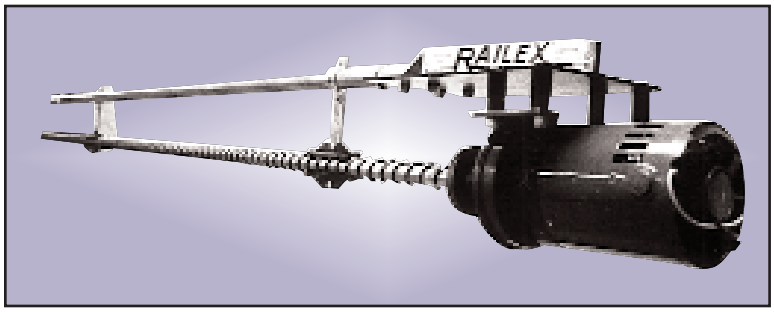
RAILEX® Corp.

SYSTEM 321

ROTATING RAIL CONVEYOR

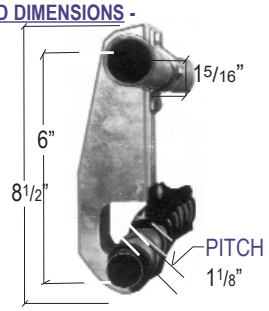




DESCRIPTION ~ System 321 is designed for conveying garments on wire hangers. it consists of a rotating steel rail and helix revolving on nylon bearing surfaces. Modular construction. involved

INSTALLATION ~ Furnished complete with 1 5/16" O.D. tubular header for suspensions along the entire length. Rail supports and drive are factory-mounted and aligned to header. System is therefore readily suspended overhead or from cantilevered floor or wall-mounted supports. Each section of rail is coupled together with easily inserted spring pins. Each section of header is furnished with connectors. Rail and headers are assembled in 10 foot sections.

STANDARD DIMENSIONS -



FEATURES

- ✧ Quiet operation, low cost
- ✧ Factory assembled with rail, rail supports and headers
- ✧ Continuous one way movement
- ✧ Return loop not required

LIMITATIONS -

Speed: 15 feet per minute
Load: 10 lbs/ft. maximum suspended from wire hangers or hooks. Max. wire diameter 5/32"
Curves: Horizontal - 15, 30, 45 and 90° Vertical - 15° Maximum - Total 180°
Length: 100 ft max. per unit in straight line. For longer configurations, transfer from one unit to another to provide additional length.
Drive: Continuous Duty Gear Motor, 1/3 hp, 115 V 1Ø 60 Hz

HORIZONTAL CURVE
13" Radius
90° Outside Support

ASSEMBLIES -

Drive: Includes 115 V gear head Motor, -mounting plate & coupling.12 fpm

1/3 hp	321-113

Rotating Rail*

5'-0"	321-205
10'-0"	321-210

Horizontal Curves*

30° Outside Supports	321-330
30° Inside Supports	321-331
45° Outside Supports	321-340
45° Inside Supports	321-341
90° Outside Supports	321-390
90° Inside Supports	321-391

Transfers - Include rail supports

End transfer	321-614

Vertical Curves*

15° Lower	321-512
15° Upper	321-513

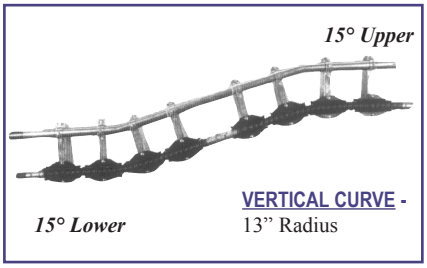
Combination Curves*

90° Horizontal + 15° Vertical Outside	321-39015
90° Horizontal + 15° Vertical Inside	321-39115

SPECIFY RIGHT OR LEFT

HORIZONTAL CURVE -
13" Radius
90° Inside Support

NOTE: ** Rotating rail and horizontal and vertical curves include rotating rail sections, rail supports with bearings, headers and couplings.*



VERTICAL CURVE -
13" Radius