

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.

INSTALLATION - Furnished complete with 1 5/8" 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 from 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.

FEATURES

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

LIMITATIONS

- Speed:** 12 feet per minute
Load: 10 lbs./ft. maximum suspended from wire hangers or hooks. Maximum wire dia. 5/32"
Curves: Horizontal - 15, 30, 45, 90 degrees
Vertical - 15 degrees
Maximum - Total 180 degrees
Length: 100 ft. maximum per unit in straight line. For longer configurations, transfer from one unit to another can provide additional length.
Drive: Continuous Duty Gear Motor, 1/4 hp, 115 V 1Ø 60 Hz

ASSEMBLIES

Drive: Includes 115 V gear head motor, mounting plate and coupling, 12 fpm

1/4 hp

STOCK NUMBER	SHIPPING WEIGHT
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321-114	25 lbs.
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Rotating Rail*

5'-0"

321-205	13
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10'-0"

321-210	26
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Horizontal Curves*

30° Outside Supports

321-330	12
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30° Inside Supports

321-331	12
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45° Outside Supports

321-340	12
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45° Inside Supports

321-341	12
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90° Outside Supports

321-390	12
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90° Inside Supports

321-391	12
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Vertical Curves*

15° Lower

321-512	10
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15° Upper

321-513	10
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Combination Curves*

90° Horizontal + 15° Vertical Outside 321-39015 10

90° Horizontal + 15° Vertical Inside 321-39115 10

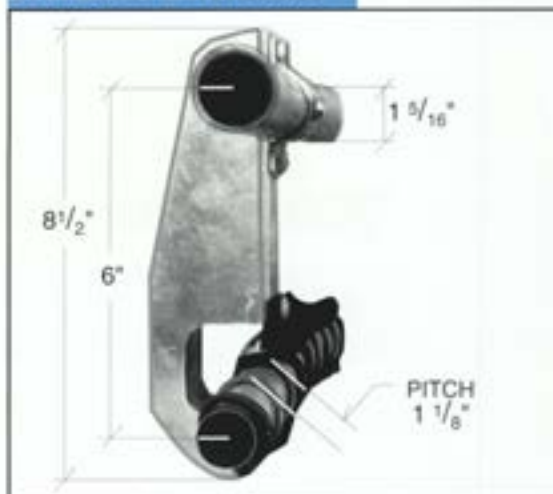
SPECIFY RIGHT OR LEFT

Transfers - Include rail support

End transfer

321-614	2
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STANDARD DIMENSIONS



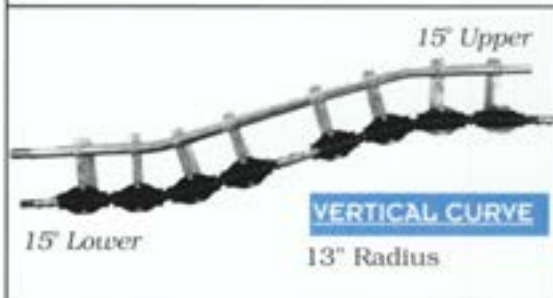
HORIZONTAL CURVE

13" Radius
90° Outside Support



HORIZONTAL CURVE

13" Radius
90° Inside Support



VERTICAL CURVE

13" Radius

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

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