

## Spiral Stack®

patented worldwide

TS1500



### Product Overview

The TRANSNORM TS1500® Spiral Stack Curve is used for turning unit loads within a continuous system or transport flow either up or down while occupying minimal space.

The worldwide patented belt guidance design of the TRANSNORM TS1500® Spiral Stack Curve ensures high speed, lower energy consumption, extremely quiet operation and reduced maintenance. The design resolves issues related to product tracking inward. It also ensures that product maintains orientation throughout the curve.

The TS1500® Spiral Stack Curve consists of standardized components which are manufactured and tailored to the customer's requirements. The design allows for quick changing of belts on assembled installations.

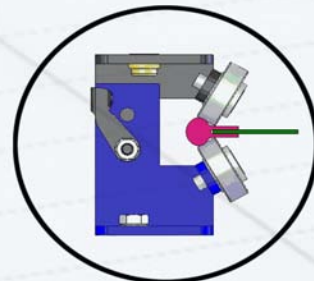
Various radii, widths, angles, heights, speeds and belting fabrics are available to meet your specific application.

### Applications

- Airports
- Distribution Centers
- Express Packaging

### Advantages

- Positive tracking using Transnorm patented belt guidance system
- Reduced horsepower consumption resulting in energy savings
- Extremely quiet operation at all speeds
- High quality, pre-stretched Euro Style Belting
- Two pulley design provides longer life cycle and reduced maintenance
- Overall design reduces Total Cost of Ownership



### Belt Guidance System

Transnorm System Inc.  
2810 Avenue E East  
Arlington, Texas 76011 USA  
Telephone 972-606-0303  
Facsimile 972-606-0768  
Web <http://www.transnorm.com>

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### Technical Specifications

#### TS1500/140

Frame Construction	Extruded Aluminum
Minimum Inside Radius	30.0" [762mm]
Minimum/Maximum Belt Width	7.87" [200mm] / 60.0" [1525mm]
Minimum/Maximum Angle	15°/180°
Maximum Load	40 lbs/LF
Maximum Speed	600 FPM
Belt Guidance System	Precision ball bearings guide urethane beaded belt
Pulleys	Precision Spun Steel with urethane lagging
Standard Bearings (take-up)	Medium-duty lubed-for-life precision ball bearings
Standard Belting	European style, E12/2 PVC, KT96SG
Operating Noise	<68 dBA
Standard Drive Mounting	Shaft-mounted
Column	Formed 3/16 Steel
Vertical Supports	Structural Steel Tubing
Outriggers	Structural Steel Tubing

### Available Accessories

- Belting- Wide variety of belt styles available
- Bearings- Type and manufacturer to suit requirements
- Side Guards up to 24" [610mm] high (UHMW face available)
- Drive packages- Special options per customer request
- Paint- Color matching to customer paint sample
- Supports- Multiple leg and hanger styles to accommodate all heights
- Stairs- Maintenance Access stairs can installed in the inside radius



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