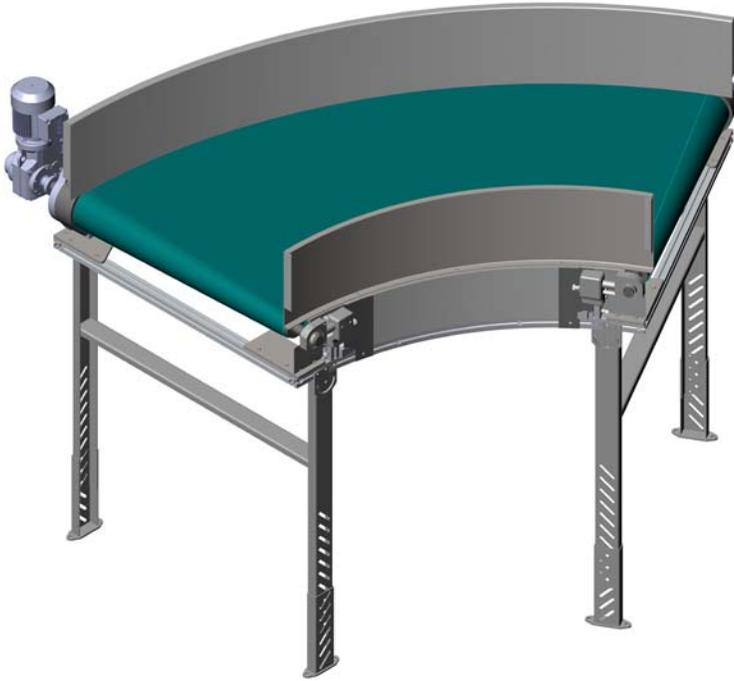


TECHNICAL DATA SHEET

## Power Belt Curve TS 1500



**Function:**  
Conveying loads in a system

The TRANSNORM TS1500® Power Belt Curve is used for turning unit loads within a continuous system or transport flow.

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

The TRANSNORM TS1500® Power Belt Curve also conforms to TRANSNORM's "energy reduction principle". All components run in harmony with rolling components in lieu of sliding components where practical, thus reducing wear and energy usage.

The TS1500® Power Belt Curve consists of standardized components which are manufactured and tailored to the customer's requirements. Component selection is driven by the lowest power consumption and the longest life. This results in a very efficient, highly reliable, low cost of ownership power belt curve. The design allows for quick changing of belts on assembled installations.

The TS1500® Power Belt Curve can convey unit loads horizontally or on an inclined or declined track. Various radii, widths, angles, heights, speeds and belting materials are available to meet your specific application.

### ■ Technical Advantages

- Positive tracking using patented belt guidance system with quick release
- No lubricant or maintenance of guide system required
- Lowest energy consumption - up to 50% less
- Longest warranty in industry
- Quietest operation - less than 68 dBa
- Lowest preventative maintenance - up to 10% less
- Extremely fast belt changes - in as little as 30 minutes
- Now available with Pin-n-Go™ quick belt change

### ■ Fields of Application

- Airport baggage conveyor systems
- Sorting and distribution systems for express delivery and parcel services
- Conveyor systems for boxes and containers
- Commissioning and shipping systems
- Printing and bindery systems

### ■ Key Performance Data

- Conveyor speed: max. 600 fpm (CL)
- Weight load: 40 lbs/ft
- Conveyor angle: 15°-180°

## Specifications

QF	Load capacity, max.	(lbs/ft)	40
vF	Conveyor speed, max. (CL)	(fpm)	600

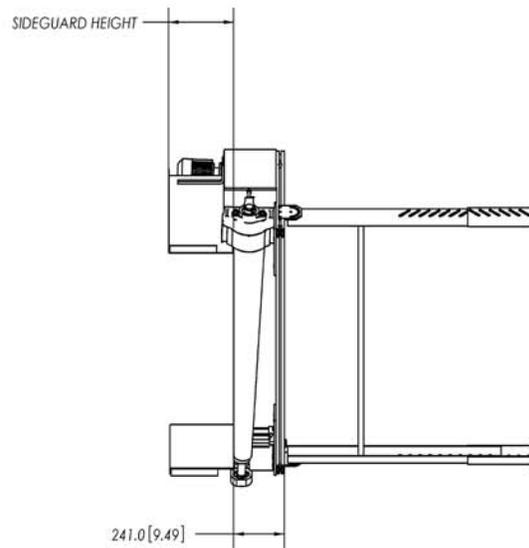
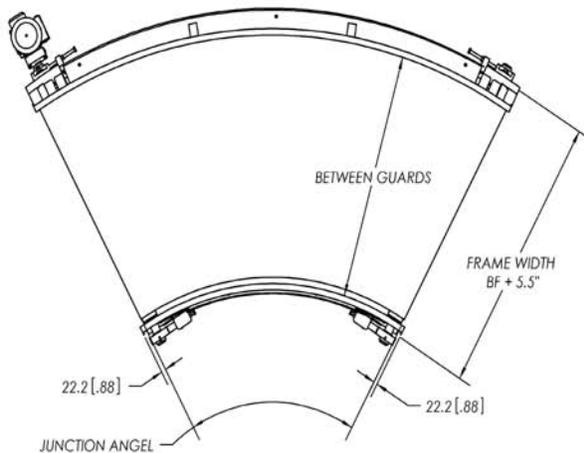
## Accessories

- Sideguards - 12ga. Various heights, pre-punched for mating
- Floor Supports - virtually all heights available
- Drive packages - Shaft Mount, Underhung
- Underguards - Plastic mesh, solid steel, expanded metal
- Belting - multiple types, application specific

## Technical Data

N	Nominal width	(inch)	10" - 61.5"
wN	Nominal angle	(°)	30-180
OR	Outside Radius		
	TS1500/100	(inch)	27" - 59"
	TS1500/140	(inch)	59" - 156"
HF	Conveyor height, min		
	TS1500/100	(inch)	8.75"
	TS1500/140	(inch)	9.50"
DT	Pulley diameter (at OR)		
	TS1500/100	(mm)	100
	TS1500/140	(mm)	140

## Main Dimensions



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