Belt Curves:

Spiral Curves

Elevation and Directional Unit Handling

Proven Interroll Technology

- High speed capacity
- Low noise operation
- Positive drive belt system means no end roll slip
- Rugged steel construction no shortcuts, such as wood components
- Low belt tension for long component life
- Wide conveying widths available
- Simplified maintenance enhancements
- Complies with latest safety standards
- Over 57 years experience Interroll invented the Spiral Curve belt conveyor



Getting up and around made easy...

Interroll Spiral Curve



The conveyor belt is positively driven by a shaft mounted sprocket engaging a precision sidebow chain which is attached directly to the outside edge of the belt. This positive drive system is unaffected by changes in loading, tension, temperature, humidity, and foreign material on the belt. The positive drive belt system ensures continuous, reliable operation even in harsh and difficult environments with minmal maintenance.

SPIRAL CURVE

Technical Specifications

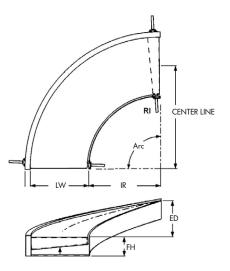
Sprocket size	17	27	40
General Technical Data			
Max Load Capacity	30 lbs/ft	50 lbs/ft	50 lbs/ft
		75 lbs/ft w/Single Bedrolls	75 lbs/ft w/Single Bedrolls
		150 lbs/ft w/ Double Bedrolls	150 lbs/ft w/ Double Bedroll
Max Conveyor Load	250 lbs OCR <=47"	500 lbs OCR <=87"	500 lbs OCR <=87"
Conveyor speed at CL	0 - 250 fpm	0 - 350 fpm	0 - 350 fpm
Inclined / Declined	Angle Dependent on OCR	Angle Dependent on OCR	Angle Dependent on OCR
Ambient temperature	5° - 176° F	5° - 176° F	5° - 176° F

Drive Data			
Rated voltage	400V / 50HZ / 3PH	400V / 50HZ / 3PH	400V / 50HZ / 3PH
	460V / 60HZ / 3PH	460V / 60HZ / 3PH	460V / 60HZ / 3PH
	110V / 220V /60HZ / 1PH	110V / 220V /60HZ / 1PH	110V / 220V /60HZ / 1PH
Power	.5HP - 2HP	.5HP - 5HP	.5HP - 7.5HP
Motor Type	Gear Motor	Gear Motor	Gear Motor
Drive Mount	Shaft Mounted	Shaft Mounted	Shaft Mounted
OR End Roll Diameter	3 in	5 in	7.5"

Materials			
Belt Material	PHR 2-160 GRII RTxBB Black	PHR 2-160 GRII RTxBB Black	PHR 2-160 GRII RTxBB Black
	PHR2-160 LI 3/64 X BB	PHR2-160 LI 3/64 X BB	PHR2-160 LI 3/64 X BB
	Others upon Request	Others upon Request	Others upon Request
Construction	12 gauge / 2.5mm	12 gauge / 2.5mm	12 gauge / 2.5mm
Shaft Size	1" - 1-3/16" 25mm - 30mm	1" - 1-7/16" 25mm - 35mm	1-7/16"" 1 15/16" 35mm - 45mm
Drive Chain	Tsubaki #50 Sidebow	Tsubaki #50 Sidebow	Tsubaki #50 Sidebow
Finish	RAL DTM	RAL DTM	RAL DTM
Bearing	Peer MHS	Peer MHS	Peer MHS

Frame Height	7 in / 177mm	8.5 in / 216mm	12 in / 305mm
Angle	15 - 180 Degrees	16 - 180 Degrees	17 - 180 Degrees
Inner Radius (IR)	12" - 87"	17" - 87"	17" - 168"
LW Clearance (BSG)	Dependent on IR	Dependent on IR	Dependent on IR
Min TOB Height	7 in / 177mm	8.5 in / 216mm	12 in / 305mm
Side Guards	0" - 21"	0" - 21"	0" - 21"

Underguarding	Expanded Metal Solid Metal Pinned Solid Steel	Expanded Metal Solid Metal Pinned Solid Steel	Expanded Metal Solid Metal Pinned Solid Steel			
				Plastic Mesh	Plastic Mesh	Plastic Mesh
				Drive Mount Styles		
	Mark and Tag	Vinyl Stencil	Vinyl Stencil	Vinyl Stencil		
Supports	2" Square tubing	2" Square tubing	2" Square tubing			
	3" Square Tubing	3" Square Tubing	3" Square Tubing			
	H/S Supports	H/S Supports	H/S Supports			
	Floor Blocks	Floor Blocks	Floor Blocks			
	Ceiling Hanger	Ceiling Hanger	Ceiling Hanger			
Drip Pan	Standard	Standard	Standard			
	Standard w/ Drain Plug	Standard w/ Drain Plug	Standard w/ Drain Plug			



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