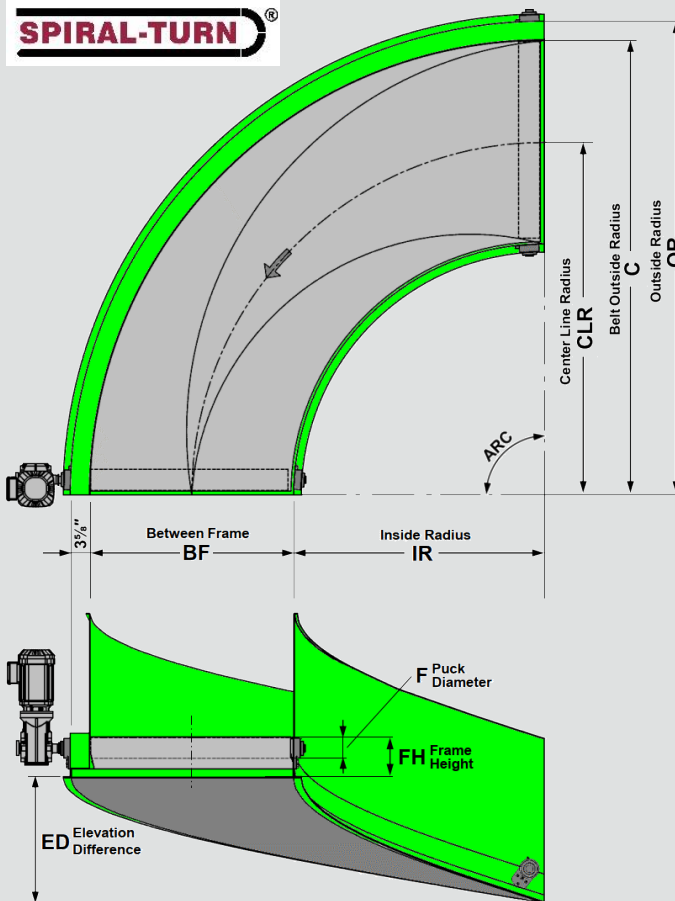


Spiral-Turn Model Code

C-SP-SQ-48_39-90-24-P4.0

Group Identifier
IR Inside Radius
BF Between Frame
ARC Curve Angle
ED Elevation Difference
"P" and End Roll ("Puck") Dia.
(omit for Spiral-Turns with tapered pulley)



Note: Drawing shows a **Square-Turn** spiral but the dimensions indicated apply to **Chain-Turn** spirals with tapered pulleys the same way. The chain guard width for Chain-Turns is 3 3/4".

Chain-Turn spirals are named without "SQ" and "P" components, example: C-SP-48_39-90-24.

Common Dimensions

Group Identifier	OR Outside Radius		C Belt Outside Radius	FH Frame Height			
	Square-Turn	Chain-Turn		Square-Turn		Chain-Turn	
				2" Puck	2.5" Puck	4" Puck	
AAA	30.625"	30.375"	27"	6.5"			6.75"
AA	40.625"	40.375"	37"	6.5"	7.25"		6.75"
A	50.625"	50.375"	47"	6.5"	7.25"		6.75"
B	62.625"	62.375"	59"		7.25"		8.75"
C	90.625"	90.375"	87"		7.25"	8.5"	8.75"

Group Identifier	Model No.	C Belt Outside Radius	IR Inside Radius	BF Between Frame	CLR Center Line Radius	ED Elevation Diff. for 90° Spiral with	
						20° * incline	25° * incline
AAA-SP-SQ (AAA-SP)	16_11	27"	16"	11"	21.5"	10.4"	13.3"
	14_13		14"	13"	20.5"	9.5"	12.2"
	12_15		12"	15"	19.5"	8.6"	11.0"
AA-SP-SQ (AA-SP)	24_13	37"	24"	13"	30.5"	15.2"	19.5"
	22_15		22"	15"	29.5"	14.3"	18.3"
	20_17		20"	17"	28.5"	13.4"	17.1"
A-SP-SQ (A-SP)	32_15	47"	32"	15"	39.5"	20.0"	25.6"
	30_17		30"	17"	38.5"	19.1"	24.5"
	28_19		28"	19"	37.5"	18.2"	23.3"
	26_21		26"	21"	36.5"	17.3"	22.1"
	24_23		24"	23"	35.5"	16.4"	20.9"
	22_25		22"	25"	34.5"	15.4"	19.8"
B-SP-SQ (B-SP)	42_17	59"	42"	17"	50.5"	26.0"	33.3"
	40_19		40"	19"	49.5"	25.0"	32.1"
	38_21		38"	21"	48.5"	24.1"	30.9"
	36_23		36"	23"	47.5"	23.2"	29.7"
	34_25		34"	25"	46.5"	22.3"	28.6"
	32_27		32"	27"	45.5"	21.4"	27.4"
	30_29		30"	29"	44.5"	20.5"	26.2"
	28_31		28"	31"	43.5"	19.6"	25.1"
	26_33		26"	33"	42.5"	18.6"	23.9"
	24_35		24"	35"	41.5"	17.7"	22.7"
	22_37		22"	37"	40.5"	16.8"	21.5"
	20_39		20"	39"	39.5"	15.9"	20.4"
C-SP-SQ (C-SP)	62_25	87"	62"	25"	74.5"	38.3"	49.1"
	60_27		60"	27"	73.5"	37.4"	47.9"
	58_29		58"	29"	72.5"	36.5"	46.7"
	56_31		56"	31"	71.5"	35.6"	45.6"
	54_33		54"	33"	70.5"	34.6"	44.4"
	52_35		52"	35"	69.5"	33.7"	43.2"
	50_37		50"	37"	68.5"	32.8"	42.0"
	48_39		48"	39"	67.5"	31.9"	40.9"
	46_41		46"	41"	66.5"	31.0"	39.7"
	44_43		44"	43"	65.5"	30.1"	38.5"
	42_45		42"	45"	64.5"	29.2"	37.4"
	40_47		40"	47"	63.5"	28.2"	36.2"
38_49	38"	49"	62.5"	27.3"	35.0"		
X-SP-SQ (X-SP)	Special and in-between spiral sizes are available, please inquire						

* Incline Angles @ IR + BF/5

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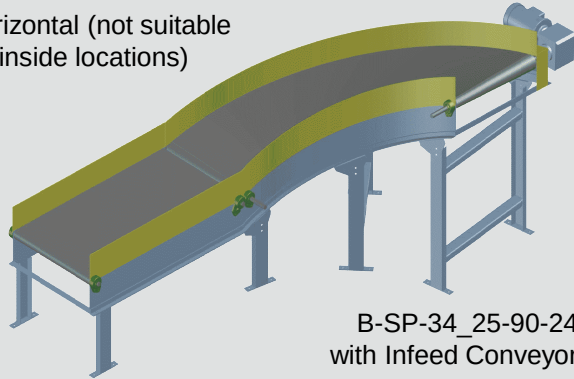


The Next Generation of Turns

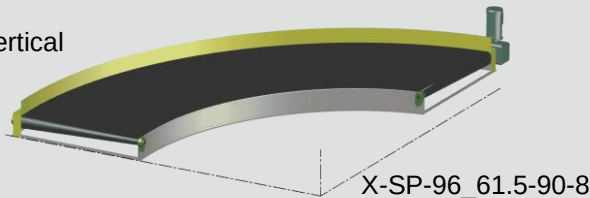
Spiral-Turn Data Sheet

Drive Mounting Options

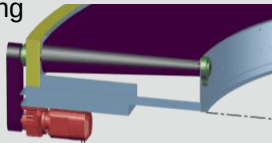
- Horizontal (not suitable for inside locations)



- Vertical



- Underslung



- Drum Motor
- Slaved

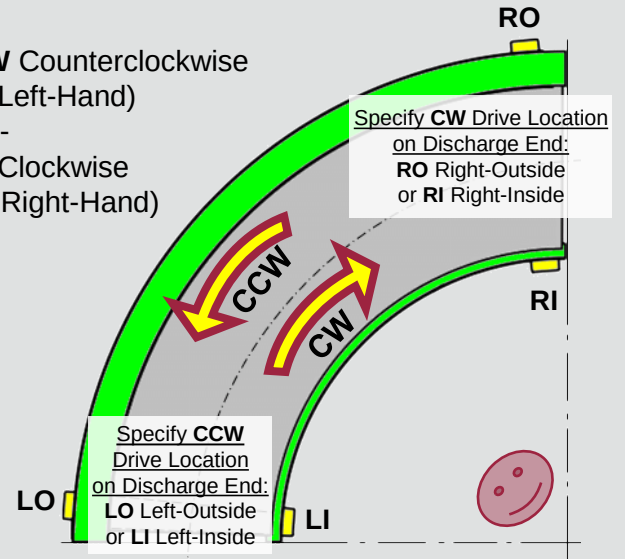
SPIRAL-TURN®



90-degree **Spiral-Turn** on Casters,
with Shaft-Mounted Vertical Drive

Direction of Flow & Drive Placement

CCW Counterclockwise
(**LH** Left-Hand)
- or -
CW Clockwise
(**RH** Right-Hand)



CONVEYING UP		CONVEYING DOWN	
CW	CCW	CW	CCW
CW-UP-RO	CCW-UP-LO	CW-DN-RO	CCW-DN-LO
CW-UP-RI	CCW-UP-LI	CW-DN-RI	CCW-DN-LI

Sizes and options given are only a small example of the power belt curves made by Flow-Turn.

Please inquire if your project requires other sizes or has special requirements.

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