

# MODEL "251CRRCT"

## Chain Driven Live Roller Conveyor



- Pallets
- Drums
- Positive drive
- Oily conditions

### STANDARD SPECIFICATIONS

**Bed** - Conveying surface width 28", 34", 40", 46", 52", 58" and 64". Tapered tread rollers mounted in 4" and 6" x 4 gauge powder painted formed steel channel frame. Sections are bolted together with butt couplings and floor supports.

**Drive Chain** - No. 50 roller chain.

**Floor Supports** - Heavy duty supports are adjustable 30<sup>1</sup>/<sub>4</sub>" to 40" (HD-7) from floor to top of roller. One support at each end of conveyor and one center leg with knee brace.

**Center Drive** - Mounted underneath conveyor.

**Bearings** - Sealed, prelubricated ball bearings.

**Chain Guard** - Lower chain guard is mounted on bottom of roller frame, and upper chain guard is mounted above roller frame to totally enclose drive chain.

**Speed Reducer** - Heavy duty worm gear C-Face mounted.

**Motor** - <sup>3</sup>/<sub>4</sub> HP 230/460/3-60 TE motor.

**Capacity** - 4000 lbs. distributed live load.

**Speed** - 30 FPM.

### OPTIONAL EQUIPMENT

**Floor Supports** - Lower or higher supports are available. Minimum elevation, 18" from floor to top of rollers.

**Motor** - Single phase, energy efficient, explosion proof, etc. Other HP available.

**Electrical Controls** - Magnetic starters and push button stations; manual motor starters with overload protection, others.

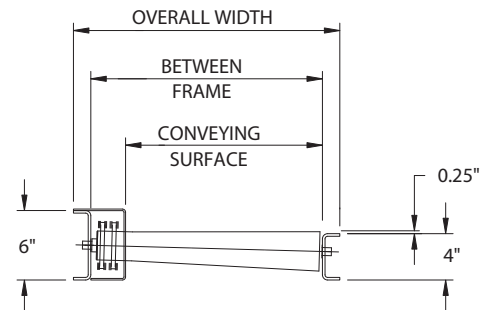
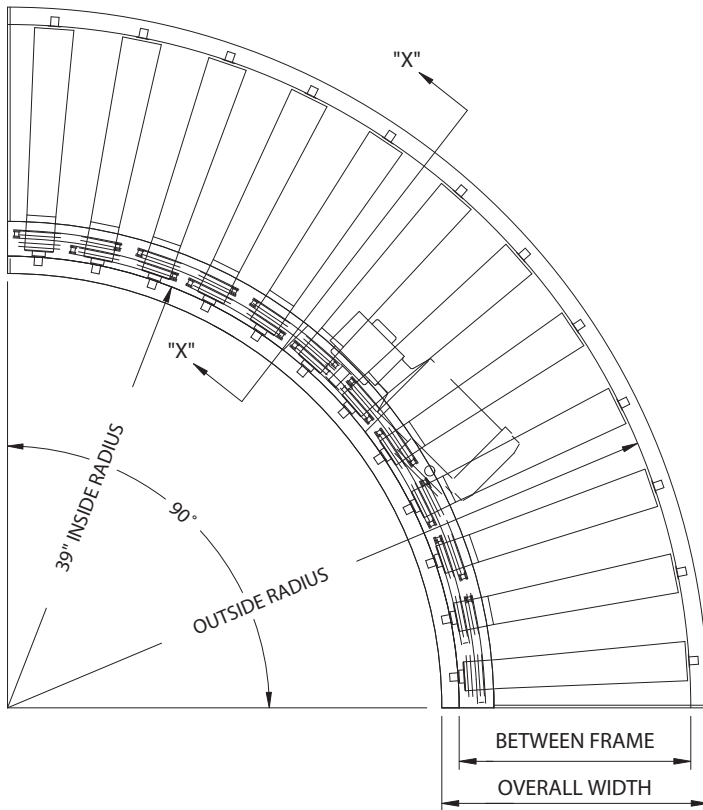
**Roller Speed** - Constant and variable speeds available.

**Rollers Set Low** - 5" deep x 4 gauge non-driven side rail to provide <sup>3</sup>/<sub>4</sub>" high guard rail.

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Conveyor Surface	Between Frames	Overall Width	Outside Radius	Weights (lbs.)		Tread Roller Taper Dimensions (Nominal)
				90°	45°	
28"	31"	34"	70"	732	600	2½" to 4"
34"	37"	40"	76"	796	648	2½" to 4½"
40"	43"	46"	82"	860	696	2½" to 4¾"
46"	49"	52"	88"	924	744	2½" to 5"
52"	55"	58"	94"	988	792	2½" to 5"
58"	61"	64"	100"	1052	840	2½" to 5"
64"	67"	70"	106"	1116	888	2½" to 5"



SECTION VIEW "X-X"