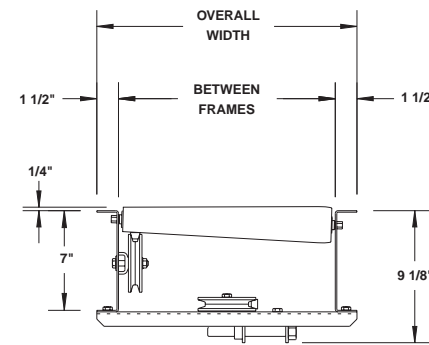
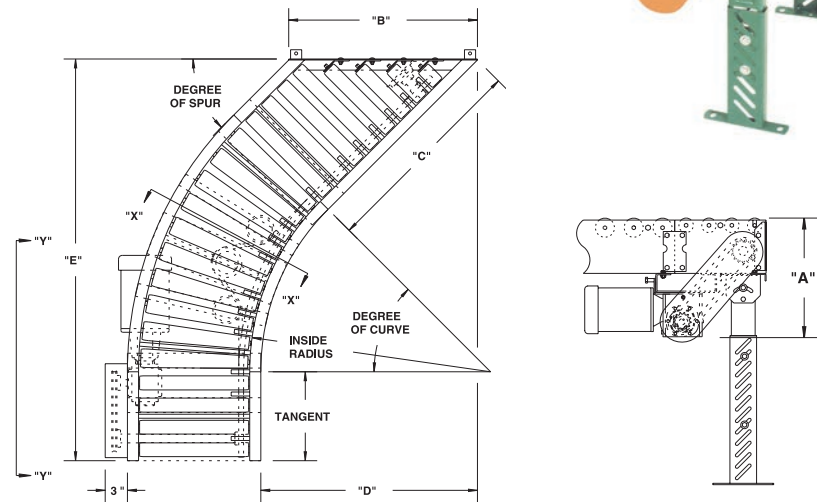
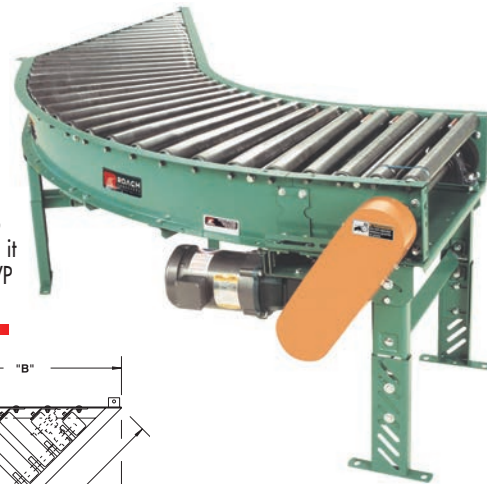


# MODEL 196LRCS MEDIUM DUTY BELT DRIVEN LIVE ROLLER CURVE SPUR

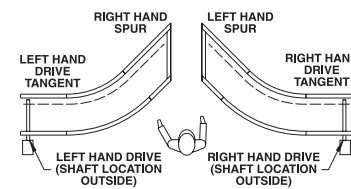
24 HOUR SHIPMENTS INCLUDE 45/45° & 60/30° CURVE SPURS

Conveyor shown with optional supports

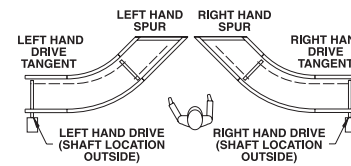
Model 196LRC features tapered rollers to maintain product orientation. Reversible, it is also commonly slave driven from 196VP and 796CALR conveyors.



### DETERMINING DRIVE LOCATION



### PERPENDICULAR LINE APPLICATION



### PARALLEL LINE APPLICATION

### SPECIFICATIONS

**TREAD ROLLERS:** 2-1/2" dia. to 1-11/16" dia. x 14 ga. tapered rollers (model 254T); 1.9" dia. x 16 ga. (model 196S) straight tangent rollers.

**PRESSURE SHEAVES:** Provides drive belt pressure to upper tread rollers.

**BELT:** "B" section V-belt.

**TAKE-UP:** Screw type adjustable sheave with flat idler sheaves provided to maintain belt tension.

**TANGENTS:** 12" opposite spur end on 60/30 unit; 18" opposite spur end on 45/45 unit.

**BED:** 7" x 1-1/2" x 12 ga. formed steel channel frame.

**BEARINGS:** End shafts are supported by precision, heavy duty, lubricated, ball bearing units with cast iron housings.

**MOTOR DRIVE:** 1/3 HP, 230/460/3, 60 cycle, ODP right angle gear motor, located at infeed end of curve below bed.

**SPUR HAND/DRIVE LOCATION:** Drive located on outside of curve. Specify hand of spur as "left hand" or "right hand" and location of drive specified as "left hand drive" or "right hand drive".

**NOTE:** Drive location determined with reference point located at outside of curve. For models slave driven (less drive), specify drive shaft location.

**BELT SPEED:** 60 FPM, constant.

**ROLLER CHAIN:** Drive shaft is driven by No. 50 chain.

**CAPACITY:** 500 lb. total distributed live load.

**ELECTRICAL CONTROLS:** Optional.

HP@60 FPM	"A" MAX
1/3, 1/2	16-5/8"
3/4	17"
1	17-1/4"
1-1/2	18-1/8"
2	19"

**NOTE:** This unit is not recommended for accumulating loads.

### SPECIFICATION TABLE

■ 24 hour shipment

UNIT		196LRCS - 45°/45°					196LRCS - 60°/30°					
BF	OAW	INSIDE RADIUS	"B"	"C"	"D"	"E"	WT. (lbs.)	"B"	"C"	"D"	"E"	WT. (lbs.)
13"	16"	2'-8-1/2'	22-5/8"	26-1/2"	27-13/16"	58-21/32"	154	32"	37-1/8"	47-21/32"	57-13/32"	175
15"	18"	2'-8-1/2'	25-15/32"	28-1/2"	29-1/4"	60-3/32"	173	36"	40-9/16"	50-21/32"	59-1/8"	200
17"	20"	2'-8-1/2'	28-9/32"	30-1/2"	30-21/32"	61-1/2"	192	40"	44-1/32"	53-21/32"	60-7/8"	225
19"	22"	2'-8-1/2'	31-1/8"	32-1/2"	32-1/16"	62-29/32"	211	44"	47-1/2"	56-21/32"	62-19/32"	250
21"	24"	2'-8-1/2'	33-15/16"	34-1/2"	33-15/16"	65-5/16"	230	48"	50-31/32"	59-21/32"	64-11/32"	274
23"	26"	2'-8-1/2'	36-25/32"	36-1/2"	34-29/32"	65-23/32"	249	52"	54-9/16"	62-21/32"	66-1/16"	299
25"	28"	2'-8-1/2'	39-19/32"	38-1/2"	36-5/16"	67-5/32"	268	56"	57-29/32"	65-21/32"	67-13/16"	324
27"	30"	2'-8-1/2'	42-7/16"	40-1/2"	37-23/32"	68-9/16"	287	60"	61-3/8"	68-21/32"	69-17/32"	349
31"	34"	4'-0"	48-3/32"	44-1/2"	45-3/32"	82-11/32"	325	68"	68-9/32"	82-13/32"	86-13/32"	399
33"	36"	4'-0"	50-29/32"	46-1/2"	46-1/2"	83-25/32"	344	72"	71-3/4"	85-13/32"	88-5/32"	423
37"	40"	4'-0"	56-9/16"	50-1/2"	49-11/32"	86-19/32"	382	80"	78-11/16"	91-13/32"	91-5/8"	473
39"	42"	4'-0"	59-13/32"	52-1/2"	50-3/4"	88-1/32"	401	84"	82-5/32"	94-13/32"	93-11/32"	498

### OPTIONAL EQUIPMENT

**SIDE MOUNTED END DRIVE:** Provides minimum overall conveyor height of 10".

**DRIVE:** Located on inside radius of curve.

**MOTORS:** Available through 3 HP in TEFC, explosion proof, dirty duty, brake motor, 115/230/1, 575/3, etc.

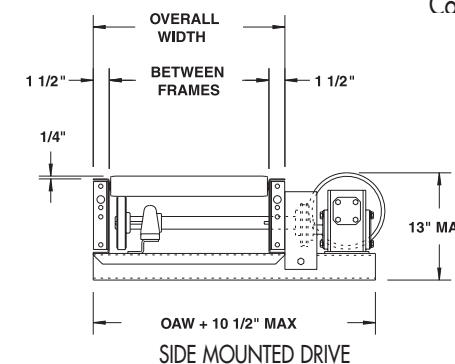
**SPEED:** Constant speed 10-120 FPM; DC variable speed; AC inverter variable speed. Other constant or variable speeds available.

**CEILING HANGERS:** 5/8" dia. threaded rod with hardware to attach rods to conveyor. Provides 6' clearance between ceiling and TOR (furnished in place of floor supports). See Conveyor Accessories.

**GUARD RAILS:** 1-3/4" x 1" formed channel (model GC), adjusts horizontally to 8" wider than roller and vertically to 6" above roller; formed steel fixed (model FSG in 2", 4", 6", 8", 12" and 18" heights; 1-1/2" angle (model GA1-1/2). See Conveyor Accessories.

**ELECTRICAL CONTROLS:** Magnetic starter (one direction or reversible); One direction manual starter; Momentary start/stop push button station; Forward/reversing/stop push button station.

**FLOOR SUPPORTS:** See Conveyor Accessories for various elevation and types.



UNDERNEATH MOUNTED DRIVE