



Professional Packaging Systems

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Roach 196LRCS Medium-Duty Belt Driven Live Roller Curve Spur Conveyor



At a Glance

- Tapered rollers to maintain product orientation
- Designed for product diversion to spur line or for merging
- Reversible
- Ideal curve in medium-duty applications

Pricing

Call us at 888-318-0083

Many options are available. Complete details will need to be finalized to determine requirements and final system costs. Work with your Pro Pac representative to build this machine to your specifications.

Divert Items to Curved Spur Line

The Roach 196LRCS live roller curve spur conveyor features tapered rollers to maintain product orientation. Reversible, it is also commonly slave driven from 196VP and 796CALR conveyors.

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.

Options

Side Mounted End Drive: Provides minimum overall conveyor height of 10".

Drive: Located on inside radius of curve.

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

Floor Supports: Various elevation and types 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).

Tangent Lengths: 1'-6", 2'-0", 2'-6", 3'-0", 3'-6", 4'-0", 4'-6" and 5'-0" tangent lengths available on 45° degree and 90° degree. Total combined length of tangents not to exceed 6'-0".

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).

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

Electrical Controls: Magnetic starter (one direction or reversible); One direction manual starter;

Momentary start/stop push button station; Forward/reversing/stop push button station.

Please [contact Pro Pac](#) or call 888-318-0083 for your conveyors.

Horsepower & Drives

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"

Roach 196LRCS Conveyor Lengths & Unit Weights

Model			196LRCS - 45 / 45 Degree					196LRCS - 60 / 30 Degree				
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

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