



Professional Packaging Systems

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Roach 196LRC Medium-Duty Belt Driven Live Roller Curve Conveyor

At a Glance

- Tapered rollers to maintain product orientation
- 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.



Convey, Transfer, Load and Unload Medium-Weight Items

The Roach 196LRC live roller curve conveyor features tapered rollers to maintain product orientation. Reversible, it is also commonly slave driven from 196VP and 796CALR making it the ideal curve in medium-duty applications.

Specifications

Tread Rollers: 2-1/2" dia. to 1-11/16" dia. x 14 ga. steel tapered rollers, model 254T; 1.9" dia. x 16 ga. steel straight tangent rollers, model 196S.

Roller Centers: 1-9/16" measured at inside radius of unit.

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 to maintain belt tension.

Tangents: 1'-0" both ends on 90°; 1'-6" both ends on 45°; 1'-0" both ends on 180°degrees. Tangent roller centers provided on 3" RC.

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

Speed: 60 FPM, constant.

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

Roller Chain: Drive shaft is driven by No. 50 chain.

Motor Drive: 1/3 HP, 230/460/3, 60 cycle, ODP right angle gear motor, located at infeed end of curve below bed on 45°degree and 90°degree curves; 3/4 HP supplied on all 180°degree curves.

Drive Location: Drive located on outside of curve. Specify left hand tangent length, right hand tangent

length and drive location (left hand drive or right hand drive). Note: Drive hand determined with reference point located at outside of curve. For models slave driven (less drive), specify drive shaft location.

Capacity: 500 lb. total distributed live load.

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 196LRC Conveyor Lengths & Unit Weights

Model		196LRC - 180 Degree				196LRC - 90 Degree				196LRC - 45° Degree			
BF	OAW	Inside Radius	Tapered Rollers	Straight Rollers	Wt.	Tapered Rollers	Straight Rollers	Wt.	Tapered Rollers	Straight Rollers	Wt.		
13"	16"	2'-8-1/2'	40	8	298	20	8	207	10	12	161		
15"	18"	2'-8-1/2'	40	8	341	20	8	231	10	12	176		
17"	20"	2'-8-1/2'	40	8	383	20	8	255	10	12	190		
19"	22"	2'-8-1/2'	40	8	426	20	8	279	10	12	205		
21"	24"	2'-8-1/2'	40	8	468	20	8	303	10	12	220		
23"	26"	2'-8-1/2'	40	8	511	20	8	327	10	12	234		
25"	28"	2'-8-1/2'	40	8	553	20	8	351	10	12	249		
27"	30"	2'-8-1/2'	40	8	596	20	8	374	10	12	264		
31"	34"	4'-0"	56	8	681	28	8	422	14	12	293		
33"	36"	4'-0"	56	8	723	28	8	446	14	12	308		
37"	40"	4'-0"	56	8	808	28	8	494	14	12	337		
39"	42"	4'-0"	56	8	851	28	8	518	14	12	352		

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