



## Professional Packaging Systems

2010 S. Great Southwest Parkway  
Grand Prairie, Texas 75051  
[www.ProPac.com](http://www.ProPac.com)

## Contact

Our Packaging Experts  
[solutions@propac.com](mailto:solutions@propac.com)  
888-318-0083

# Roach 297CDLRC Heavy-Duty Chain Driven Live Roller Curve Conveyor

## At a Glance

- Heavy-duty chain driven live roller curve conveyor
- Structural steel channel frames for conveying heavy unit loads
- For loads not requiring product orientation

## 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.



## Structural Steel Channel Frames for Conveying Heavy Loads

The Roach 297CDLRC features structural steel channel frames for conveying heavy unit loads. Heavy castings, drums and numerous other loads not requiring product orientation may be transported on this heavy-duty chain driven live roller curve.

## Specifications

**Tread Rollers:** 2-9/16" dia. x 7 ga. steel, model 297S with sprockets.\*

**Chain Drive:** Roller to roller with No. 60 circular roller chain.

**End Drive:** Reversible drive, side mounted or underside (specify). Main drive roller is supported by precision, heavy duty, lubricated, ball bearing units.

**Bearings:** Precision ABEC bearings.

**Roller Centers:** 6" RC measured at outside radius of curve.

**Motor Drive:** 3/4 HP, 230/460/3, 60 cycle, ODP right angle gear motor.

**Speed:** 35 FPM, constant.

**Bed:** 4" at 5.4 lbs. and 6" at 8.2 lbs. structural steel channel frame.

**Chain Guard:** The chain drive is enclosed, top and bottom, along the entire length of the conveyor.

**Drive Location:** Drive located on outside of curve. Specify right hand drive or left hand drive (drive hand determined with reference point located at outside of curve).

**Electrical Controls:** Optional.

\* **Note:** Orientation of product may be affected because of straight rollers in curve. To maintain orientation, use tapered roller curve.

## Options

**Bed:** Rollers on 4-1/2" centers on outside radius.

**Speed:** Constant speed 1.5-60 FPM; DC variable speed; AC inverter variable speed. Other constant or variable speeds available. Note: Capacity changes with speed. 100 FPM max. with roller-to-roller chain drive.

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

**Floor Supports:** Supports, knee braces, casters, ceiling hangers and polytier supports available.

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## Horsepower & Drives

HP @ 35 FPM	C
3/4	13"
1	13-1/4"
1-1/2	14-1/8"
2	15"

## Conveyor Degrees & Product Weights

Unit			90°		45°	
BF	Surface	Outside Radius	Qty Rollers	Wt (lbs)	Qty Rollers	Wt (lbs)
15"	12"	7'-1-1/2"	22	736	11	421
21"	18"	7'-1-1/2"	22	846	11	495
27"	24"	7'-1-1/2"	22	956	11	540
33"	30"	7'-1-1/2"	22	1066	11	750
39"	36"	7'-1-1/2"	22	1176	11	811
45"	42"	10'-3-3/4"	32	1625	16	872
51"	48"	10'-3-3/4"	32	1735	16	965
57"	54"	10'-3-3/4"	32	1845	16	1026

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