



Professional Packaging Systems

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Roach 251CDLRC Heavy-Duty Chain Driven Live Roller Curve Conveyor

At a Glance

- Heavy-duty chain driven live roller curve conveyor
- Transports 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.



Chain Driven Curve Conveyor Transports Heavy Loads

The Roach 251CDLRC heavy-duty chain driven live roller curve conveyor transports heavy unit loads. Heavy castings, drums and other loads not requiring product orientation may be effectively conveyed on this conveyor.

Specifications

Tread Rollers: 2-1/2" dia. x 11 ga. steel, model 251S 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: 6" x 1-1/2" x 7 ga. and 4" x 1-1/2" x 7 ga. formed 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.

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

Horsepower & Drives

HP @ 45 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	624	11	347
21"	18"	7'-1-1/2"	22	672	11	374
27"	24"	7'-1-1/2"	22	721	11	401
33"	30"	7'-1-1/2"	22	769	11	428
39"	36"	7'-1-1/2"	22	815	11	454
45"	42"	10'-3-3/4"	32	1244	16	672
51"	48"	10'-3-3/4"	32	1383	16	744
57"	54"	10'-3-3/4"	32	1531	16	827
63"	60"	10'-3-3/4"	32	1680	16	909

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