



Professional Packaging Systems

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Roach 254TCDLRC Medium-Duty Tapered Roller Chain Driven Live Roller Curve Conveyor

At a Glance

- Tapered roller chain driven live roller curve conveyor
- Orientation of pallet loads is maintained
- 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.



Chain Driven Curve Conveyor Transports Totes & Drums

The Roach 254TCDLRC medium-duty tapered roller chain driven live roller curve conveyor is designed to transport medium-duty loads such as castings, drums or pallet loads. Orientation of pallet loads is maintained when using this chain driven live roller curve.

Specifications

Tread Rollers: 2-1/2" dia. to 1-11/16" dia. x 14 ga. steel tapered rollers, model 254T 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.

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

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

Bearings: Removable type, heavy duty bearings, zinc plated, grease packed, labyrinth sealed.

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

Bed: 6" x 1-1/2" x 10 ga. and 4" x 1-1/2" x 10 ga. formed steel channel frame.

Speed: 45 FPM, constant.

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.

Options

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.

Electrical Controls: Magnetic or manual starter; limit switch; others available.

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

Horsepower & Drives

HP @ 45 FPM	C
1/3, 1/2	13-5/8"
3/4	14"
1	14-1/4"
1-1/2	15-1/8"
2	16"

Conveyor Degrees & Product Weights

Unit			90°		45°	
BF	Surface	Outside Radius	Qty Rollers	Wt (lbs)	Qty Rollers	Wt (lbs)
15"	12"	5'-2-1/2"	16	344	8	208
21"	18"	5'-2-1/2"	16	372	8	225
27"	24"	5'-2-1/2"	16	403	8	243
33"	30"	7'-9-1/4"	24	447	12	263
39"	36"	7'-9-1/4"	24	486	12	310
45"	42"	7'-9-1/4"	24	528	12	334
51"	48"	7'-9-1/4"	24	559	12	359

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