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Roach 351TCDLRC Heavy-Duty Live Tapered Roller Chain Curve Conveyor

At a Glance

- Heavy-duty chain driven live roller curve conveyor
- Transports heavy unit loads
- True taper maintains 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 Heavy-Duty Tapered Roller Curve Conveyor

The Roach 351TCDLRC is a true taper heavy-duty chain driven live roller curve. Ideal for conveying pallets or other heavy unit loads, this conveyor features true taper to maintain product orientation throughout the curve.

Specifications

Tread Rollers: Heavy duty 11 ga. tapered rollers, model 351T with sprockets, for true taper effect. See chart, upper right corner for roller dia.
Chain Drive: Roller to roller with No. 60 circular roller chain.
End Drive: Reversible drive either 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.
Speed: 35 FPM, constant.
Bed: 5" at 6.7 lbs. and 7" at 9.8 lbs. structural steel channel frame.
Bearings: Precision ABEC bearings.
Chain Guard: The chain drive is enclosed, top and bottom, along the entire length of the conveyor.
Motor Drive: 3/4 HP, 230/460/3, 60 cycle, ODP right angle gear motor.
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

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Bed: Rollers on 4-1/2" centers on outside radius for 21"-39" BF.
Floor Supports: Supports available.
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.

Please contact Pro Pac or call 888-318-0083 for your conveyors.

Horsepower & Drives

HP @ 35 FPM	C
3/4	15"
1	15-1/4"
1-1/2	16-1/8"
2	17"

Conveyor Degrees & Product Weights

Unit				90°		45°	
BF	Large OD	Small OD	Outside Radius	Qty Rollers	Wt (lbs)	Qty Rollers	Wt (lbs)
21"	3-1/4"	2-1/2"	6-6"	20	778	10	423
27"	3-1/2"	2-1/2"	7'-1-1/2"	22	966	11	524
33"	3-3/4"	2-1/2"	7'-9-1/4"	24	1192	12	644
39"	4"	2-1/2"	8'-4-3/4"	26	1460	13	787
45"	4-1/4"	2-1/2"	8'-4-3/4"	26	1523	13	801
51"	4-1/2"	2-1/2"	9-1/2"	28	1889	14	990
57"	4-3/4"	2-1/2"	9'8"	30	2307	15	1210
63"	5"	2-1/2"	10-3-3/4"	32	2789	16	1464

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