



Professional Packaging Systems

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Roach 596PRA Photoeye Controlled Zero Pressure Powered Roller Conveyor



At a Glance

- Motorized rollers drive the conveyor
- Rollers set high in frame
- No need for drive belts, chains or line shafts
- 18 inch and 30 inch zones available

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.

Motorized Rollers Drive the Conveyor with Rollers Set High

The Roach 596PRA powered roller accumulator conveyor revolutionizes the automated conveyor industry. With rollers set high, motorized rollers drive the conveyors eliminating the need for drive belts, chains or line shafts.

Specifications

Tread Rollers: 1.9" dia. x 16 ga. galvanized, model 196G grooved.

Drive Belt: 3/16" dia., polyurethane belts. Nominal 15 lbs. per roller drive.

Capacity: 15 lbs. per roller or up to 70 lbs. per zone.

Speed: 60 FPM, constant.

Roller Centers: 3"

Bed: 5" x 1-3/4" x 10 ga. formed steel channel frame. Rollers set high in frame.

Accumulation: Zone singulation operation; 24" zone length; zones are actuated using a photoeye.

Motor Drive: Driven by 24V DC powered roller.

Bearings: Precision ABEC bearings.

DC Power Supply: 24 volt fixed output required.

Options

Accumulation Zones: 18" and 30" long zones available, depending on roller centers.

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

Conveyor Speed: Constant speed 34-260 FPM

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).

Diffuse Photoeye: Photoeyes mounted below the tread rollers.

Bed: Control side 7" x 1-3/4" x 12 ga. formed steel channel frame. Rollers set low in frame. Outside channel 5" x 1-3/4" x 10 ga. formed steel channel frame. Rollers set high in frame.

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

Zones and Amperage

Zones	AMP
1 - 2 Zones	6 AMP
3 - 8 Zones	10 AMP
9 - 17 Zones	20 AMP
18 - 26 Zones	30 AMP
27 - 36 Zones	40 AMP

Roach 596PRA Conveyor Lengths & Unit Weights

Conveyor Length		10'	20'	30'	40'	50'	60'	70'	80'	90'	100'	Deduct
BF	OAW	Unit Weights (lbs) with 3" Roller Centers										Per Foot
15"	18"	205	410	615	820	1025	1230	1435	1640	1845	2050	21
19"	21"	230	460	690	920	1150	1380	1610	1840	2070	2300	23
21"	24"	242	484	726	968	1210	1452	1694	1936	2178	2420	24
25"	28"	266	532	798	1064	1330	1596	1862	2128	2394	2660	27
27"	30"	279	558	837	1116	1395	1674	1953	2232	2511	2790	28
33"	36"	323	646	969	1292	1615	1938	2261	2584	2907	3230	32
39"	42"	361	722	1083	1444	1805	2166	2527	2888	3249	3610	36

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