



Professional Packaging Systems

2010 S. Great Southwest Parkway
Grand Prairie, Texas 75051
www.ProPac.com

Contact

Our Packaging Experts
solutions@propac.com
888-318-0083

Roach 796PRAC Photoeye Controlled Curve Powered Roller Conveyor

At a Glance

- Motorized rollers drive the conveyor
- Rollers set low 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.



Curve Conveyor with Motorized Rollers

The Roach 796PRA powered roller accumulator conveyor revolutionizes the automated conveyor industry. Motorized rollers drive the conveyors eliminating the need for drive belts, chains or line shafts.

Specifications

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

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: 7" x 1-3/4" x 12 ga. formed steel channel frame. Rollers set low in frame.

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

Motor Drive: Indirect driven by 24 VDC 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 796PRAC Conveyor 90 & 60 Degrees and Rollers

Degree			90°					60°				
BF	OAW	Inside Radius	Wt. (lbs)	IR/RC OR/RC	Tapered Rollers	Drive Roller Qty	Zone Qty	Wt. (lbs)	IR/RC OR/RC	Tapered Rollers	Drive Roller Qty	Zone Qty
15"	18.5"	32.5"	229	2.84" 4.15"	18	2	2	180	2.84" 4.15"	12	2	1
19"	22.5"	32.5"	280	2.84" 4.49"	18	2	2	206	2.84" 4.49"	12	2	1
21"	24.5"	32.5"	305	2.84" 4.67"	18	2	2	210	2.84" 4.67"	12	2	1
25"	28.5"	32.5"	355	2.84" 5.02"	18	2	2	238	2.84" 5.02"	12	2	1
27"	30.5"	32.5"	381	2.84" 5.19"	18	2	2	250	2.84" 5.19"	12	2	1
33"	36.5"	48"	456	2.90" 4.89"	26	3	3	323	3.14" 5.30"	17	2	2
39"	42.5"	48"	532	2.90" 5.26"	26	3	3	370	3.14" 5.69"	17	2	2

Roach 796PRAC Conveyor 45 & 30 Degrees and Rollers

Degree		45°						30°					
BF	OAW	Inside Radius	Wt. (lbs)	IR/RC OR/RC	Tapered Rollers	Drive Roller Qty	Zone Qty	Wt. (lbs)	IR/RC OR/RC	Tapered Rollers	Drive Roller Qty	Zone Qty	
15"	18.5"	32.5"	169	2.84" 4.15"	9	1	1	146	2.84" 4.15"	6	1	1	
19"	22.5"	32.5"	200	2.84" 4.49"	9	1	1	169	2.84" 4.49"	6	1	1	
21"	24.5"	32.5"	216	2.84" 4.67"	9	1	1	180	2.84" 4.67"	6	1	1	
25"	28.5"	32.5"	247	2.84" 5.02"	9	1	1	202	2.84" 5.02"	6	1	1	
27"	30.5"	32.5"	262	2.84" 5.19"	9	1	1	214	2.84" 5.19"	6	1	1	
33"	36.5"	48"	309	2.90" 4.89"	13	2	1	247	3.14" 5.30"	9	1	1	
39"	42.5"	48"	355	2.90" 5.26"	13	2	1	281	3.14" 5.69"	9	1	1	

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