



Professional Packaging Systems

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Roach 700PBC 2200 Series Flush Grid Plastic Belt Conveyor



At a Glance

- Made for applications requiring 30°, 45°, 60° or 90° curves
- S-curve formations available
- Straight tangent may be added at discharge

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.

Include Curves in Your Product Transportation

The Roach 700PBC 2200 Series Flush Grid Plastic Belt Conveyor is made for applications requiring 30°, 45°, 60° or 90° curves. S-curve formations also available with minimum center tangent length twice belt width. Additional straight tangent may be added at discharge (drive) end.

Specifications

Belting: Series 2200 flush grid gray curved polypropylene belt, FDA & USDA approved belting.

Drive Sprockets: 5.3" pitch dia. with 1.5" square bore. Available with optional 6.3" or 7.7" pitch dia. sprockets with 1.5" or 2.5" square bore.

Tail Sprockets: 5.3" pitch dia. with 1.5" square bore. Available with optional 6.3" or 7.7" pitch dia. sprockets with 1.5" or 2.5" square bore.

End Drive: Allows one-direction operation only; this conveyor is not reversible.

Take-Up: Catenary type located at discharge end.

Bed: 7" x 1-1/2" x 10 ga. formed steel channel frame with UHMW wearstrips attached to bed and belt return pan.

Minimum Radius: 2.2 x belt width, measured from inside edge of belt.

Speed: 60 FPM, constant.

Tangents: Minimum length is 1.5 x belt width located at each end of conv. Optional additional tangent may be located at discharge.

Floor Supports: Many options available.

Bearings: End shafts are supported by precision, heavy duty, lubricated, ball bearing units with cast iron housings.

Direction of Flow: Specify right hand or left hand.

Motor Drive: 1/3 HP, 230/460/3, 60 cycle, ODP right angle gear motor on 45° and 90° curves; 3/4 HP supplied on all 180° curves.

Roller Chain: Drive shaft is driven by No. 50 chain.

Electrical Controls: Optional.

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

Belt Widths, Tangents & Inside Radii

Belt Width	Min. Tangent Length	Min. Inside Radius
6"	9"	13.2"
12"	18"	26.4"
18"	27"	39.8"
24"	36"	52.8"
30"	45"	66"
36"	54"	79.2"
42"	63"	92.4"
48"	72"	105.6"

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