



Professional Packaging Systems

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Contact

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Shuttleworth Corners & Curves



At a Glance

- Tight-radius corners provide stability and safe handling
- Tapered roller turns are designed for larger products
- Zero tangent radius belt is designed for curved conveyance

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.

Maintain Product Orientation with Perfect Corners and Curves

Shuttleworth offers tight radius corners, tapered roller turns and zero-tangent curve conveyors to maintain your product orientation.

Maintaining product orientation and speed throughout turns in your production line is imperative to achieving both gentle product handling and efficiency. Using corners and curves within your conveyor system design, you also benefit by saving floor space by conveying both single and multi-lanes.

Depending on product and application needs, we offer three distinct styles for conveyor curves and turns. Tight-radius conveyor turns feature our unique Slip-Torque® roller surface and offer a much smaller machine footprint. Our Tapered roller conveyor turns feature rollers designed for larger products that are unable to fit our standard tight radius corners and feature surface-wide tapered rollers slip-fitted to driven shafts. If you need to maintain product orientation and spacing, we offer the ZT (zero-tangent) conveyor curve.

Features & Benefits

Variety of corner and curve designs designed to accommodate a range of environments and applications
Maintain product orientation through entire corner
Aluminum and sanitary stainless designs available

Tight-Radius Turn

Tight-radius corners provide stability and safe handling, ensuring your products remain safe and intact throughout a turn cycle all while utilizing a much smaller machine footprint. Powered diagonal-less and diagonal corners are designed to maintain product orientation and speed through 45 degree and 90 degree turns. The small turning radius without dead plates saves valuable floor space. Powered 90-

degree corners can convey single or multiple lanes of product. Bi-directional corners can simultaneously convey single or multiple lanes of product. Line pressure is fine tuned to meet specific product handling requirements through corners. Shuttleworth offers tight-radius corners in both aluminum and sanitary stainless-steel designs.

Tapered Roller Turn

Designed for larger products that are unable to fit through a tight radius corner, the tapered roller corners employ a tapered, slip-fit plain carbon steel with zinc plating tube rollers to maintain product orientation as it is transported through a 90° turn. The close pitch roller surface can handle small products gently and safely.

Zero-Tangent Curve

The Zero tangent radius belt is designed specifically for curved conveyance, free of straight sections, maximizing all available space. Features Intralox's 2100 series flat top surface which is smooth, close top surface that can handle a variety of package sizes, types, and configurations, including delicate products (e.g., packages immediately exiting from a shrink wrapper). Not available for wash down environments.

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