



Professional Packaging Systems

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Contact

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Roach MDZ Motor Driven Zone Accumulator Conveyors



At a Glance

- Band-driven by the low-profile Unidrive motor system
- High-speed precision
- Near silent operation
- 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.

Band-Driven Low-Profile Unidrive Motor System for High-Speed Precision

Roach MDZ Motor Driven Zone Accumulator Conveyors are the most efficient and reliable transportation solution available for any industry application including parcel, e-commerce and retail, airports, warehouse and distribution centers, packaging, and more.

The MDZ is band-driven by the low profile Unidrive motor system for high-speed precision and near silent operation.

The Roach MDZ Accumulator is designed to enhance efficiency, reduce downtime, and improve overall material flow. Gain control of sorting, packaging, quality checks, and load balancing through each light bar monitored accumulation zone.

MDZ Straight Specifications

Tread Rollers: 1.9" diameter x 16 gauge galvanized, model 196G grooved.

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

Capacity: 45 lbs per zone.

Speed: 35-120 FPM, constant.

Roller Centers: 3"

Accumulation: Zone singulation operation; 24" and 30" zone length.

Motor Drive: Driven by 24V DC powered roller.

Bearings: Precision ABEC bearings.

MDZ Curve Specifications

Tread Rollers: 2.5" diameter to 1-11/16" x 14 gauge galvanized steel tapered rollers model 254T.

Drive Belt: 3/16" diameter, polyurethane belts.

Capacity: 45 lbs per zone.

Bed: 7" x 1-5/8" x 12 gauge formed steel channel frame. Rollers set high.

Motor Drive: 24V DC powered roller supplied from straight section.

Options

Accumulation Zones: 24" and 30" long zones available, depending on roller centers.

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

Conveyor Speed: Constant speed 35-120 FPM

Ceiling Hangers: 5/8" diameter 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 gauge formed steel channel frame. Rollers set low in frame.

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