

## 796 MDZ

### MOTOR DRIVEN ZONE ACCUMULATOR

**35-120 FPM**

**70 lbs. per Zone Capacity**

**15"- 39" Conveying Surface**

**Unidrive 24vdc Motor System**

**Precision ABEC Rollers**

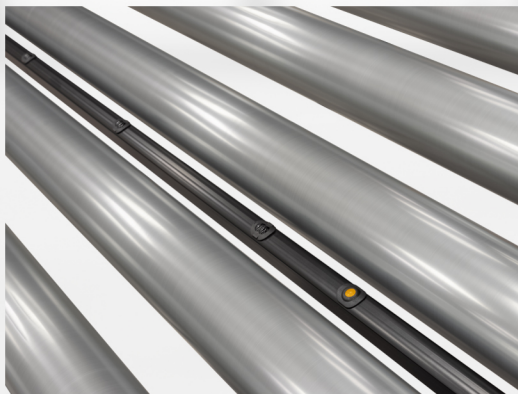
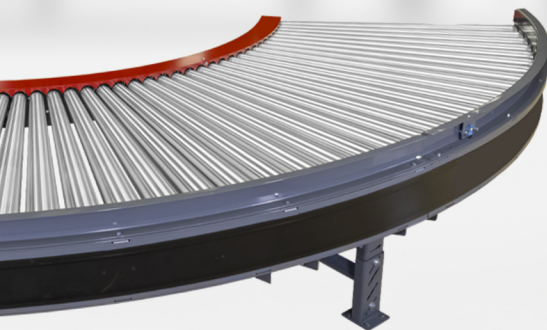
**Lightbar Zone Accumulation**

**Low Decibel Motors**

The Motor Driven Zone Accumulator (MDZ) delivers a simple, efficient, and low-maintenance solution for controlled product flow across a wide range of applications including parcel handling, e-commerce fulfillment, airport operations, packaging, and distribution systems.

Powered by the low-profile Unidrive motor system, the MDZ is band-driven for smooth, near-silent operation and high-speed precision. Each accumulation zone supports up to 70 lbs per zone and moves 35–120 fpm, ensuring optimal performance for a variety of load sizes and throughput requirements.

Engineered to enhance efficiency, reduce downtime, and improve material flow, the MDZ provides precise control of sorting, packaging, quality inspection, and load balancing through light bar-monitored accumulation zones.



American Made Conveyor Solutions

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# 796 MDZ | MOTOR DRIVEN ZONE ACCUMULATOR

## SPECIFICATIONS

LOAD CAPACITY	70 lbs/zone
SPEED	35 - 120 FPM
ROLLER SIZE	1.9 in
ROLLER TYPE	OD Galvanized Grooved Rollers
ROLLER CENTERS	3 in
WIDTHS	15"   19"   21"   25"   27"   33"   39" BF
CURVES	30°   45°   60°   90°
INSIDE CURVE RADIUS	15"-27" BF/32 1/2" IR   33"-39" BF/48" IR
LENGTH	10 ft
IN-FEED HEIGHT	32 - 48 in
DISCHARGE HEIGHT	32 - 48 in
CONSTRUCTION	17" x 1 7/8" x 12ga Formed Channel Frames
MOTOR	24vdc Brushless Motor System
POWER SUPPLY AMP/ZONES	6A/Zones 1-2   10A/Zones 3-8   20A/Zones 9-17
DRIVE BELT	3/16" dia. Polyurethane Nominal 15 lbs/roller
ACCUMULATION	Optional Lightbar Monitored Accumulation Zones
E-STOPS	Optional

## DETAILS

### ACCESSORIES / OPTIONS

- Guard Rails
- Coated Rollers
- Lightbar Accumulation
- E-Stops
- ABEC Sealed Precision Bearings

### APPLICATIONS

- Parcel & Package
- E-Commerce & Distribution

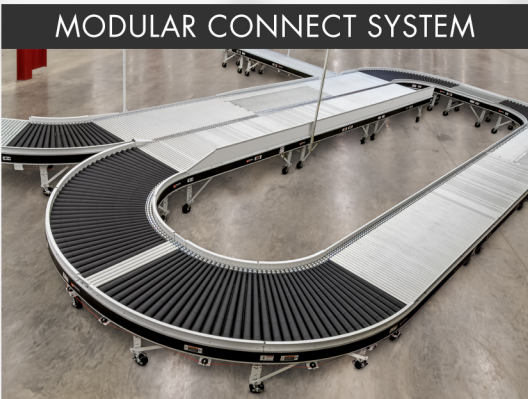
### WARRANTY

- Electrical: 12 Months
- Mechanical: 12 Months

### SERVICES AVAILABLE

- Technical Support
- Installation & Service
- Preventative & Routine Maintenance
- Application Support
- Operator & Maintenance Training

## PARCEL & PACKAGE SOLUTIONS



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