

# MOTORIZED DRIVEN ROLLER TECHNOLOGY

## A Cost-Effective Conveyor Solution



### Industries:

- Warehousing & Distribution
- Manufacturing
- Order Fulfillment
- Aerospace
- Government Military & Agency
- Automotive
- Parcel Handling
- Appliance
- Cabinetry & Furniture
- Food & Beverage
- Tire

### MDR Benefits:

- Competitively priced
- Low operating costs
- Low maintenance costs
- Smooth operation for high speed accumulation and transportation
- Quieter than other types of driven live roller conveyors

### Features:

- Uniquely capable of handling light to medium heavy loads in a variety of configurations
- Tight roller spacing to handle challenging loads
- Well-suited for zoned accumulation
- Integrates easily with 24 VDC control architecture

## 1.9 Inch diameter "O-Belt" driven live roller conveyors

### Industry Need:

No doubt about it, transporting parcel packages without damage requires conveyor systems capable of zero pressure accumulation. However, many of these traditional solutions are loud, costly and require frequent maintenance.

### LEWCO Solution: Motorized Drive Roller Technology

Enabled by our innovative plug and play design and construction, the LEWCO solution offers a quiet, durable, and cost-effective way to convey packages and parcels. Additionally, our design minimizes installation costs compared to traditional conveyors, all at a surprisingly competitive price.

### LEWCO MDRPBR19

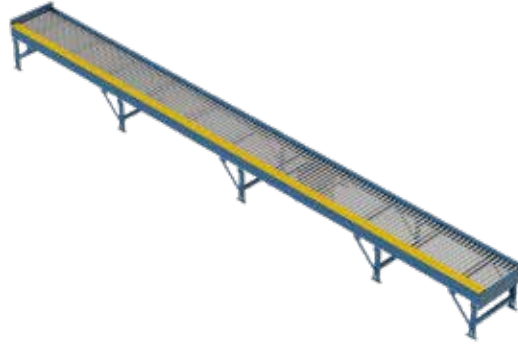
Motor Driven Roller (MDR) conveyor is assembled using a series of grooved rollers. These rollers are then driven together using urethane "O" belts. Within a series of rollers, there is one 24 VDC motorized driven roller which is internally driven and controlled by a zone accumulation drive card. This creates zones that can start or stop independently of other zones. Since the zones are able to run independently, zero pressure accumulation is possible, as well as the merging of products.

### Product Application:

MDRPBR roller technology, available as part of LEWCO's **R.E.D. Line**, can be applied throughout your operation in a number of ways.

- Dock Delivery
- Zone Accumulation
- Smalls
- Transportation
- Parcel Fulfillment
- Progressive Assembly

# LEWCO MDRPBR-19 Specifications:



## MDRPBR-19

**Effective Width:** 6"-48"

**Beginning Elevation:** 8"-120"

**Length:** 36"-240"

**Zone Lengths:** 18", 24", 30", 36"

**Ending Elevation:** 8"-120"

**Speed:** 30 - 475 FPM

**Roller Centers:** 3"

**Frame:** Ergonomically Friendly 8" Channel both sides with rollers set low

**Motor:** 24 VDC Motorized Driven Roller

**Drive Card:** Standard includes ZPA Logic

**Rollers:** Standard galvanized roller - 1.90" diameter, 16 ga wall tube with 7/16" hex cold rolled steel axles, spring retained. Standard bearings are ABEC precision, grease packed.

**Roller Covers:** Optional roller covers include polyurethane roller sleeves, Ultrex accumulation sleeves.

**Support Centers:** Standard supports are heavy duty floor supports on 10' centers. Optional 4" formed channel with jack bolt adjustment.

**Frame Finish:** Standard finish is OSHA safety blue powder. Optional colors include green, beige, gray, orange, black and yellow.

**Optional:** 24 VDC Power Supply Mounted in Enclosure

### About LEWCO:

Located in Sandusky, Ohio, LEWCO is a world-class manufacturer Unit Handling Conveyors. LEWCO's product line is very diverse and serves a wide range of industries. Offering both "standard" conveyor systems and custom-designed networks of belts and rollers that vary by width, length, carrying capacity, speed and color, depending on the customer's needs—**LEWCO is your trusted partner for quality conveyor systems at a competitive price.**

**Contact us today at 419-625-4014 to discuss your equipment requirements. Our Application Engineers will assess your situation and recommend a cost-effective solution to meet your unique needs.**

