

# 24VDC MOTORIZED DRIVEN ROLLER CONVEYOR (MDR) FOR PALLET HANDLING



## Roller Diameter – 2-1/2"

### Controls Power Requirements:

- 24VDC
- Ethernet capable (KT roller only)

### Frame:

- Welded, Structural Steel Construction
- 12" to 65" Effective Conveying Widths Available
- Inline and Underslung Drive Mounting Available
- Scalloped Type Roller Chain Guard #10 Ga., & A Drive Chain Guard (where applicable)
- Adjustable Heavy Duty Channel Supports
- Painted Alba Blue & Safety Yellow Guards

### Rollers:

- 2.5" Diameter x 11 Ga. Rollers
- Continuously Welded Sprockets
- Roller Set High or Low on Non-Driven Side
- Roller Centers Can Be 3.25", 4", or 6"
- 11/16" Hex Axle, Spring Retained
- RC40 Chain Roll-To-Roll
- Other Chain Sizes Available

### Conveyor Drive:

- 24VDC Itoh Denki #PM635KE/KT Powered Rollers
- Standard Driver Card (CBM-103)  
Available for KE Roller
- Standard Driver Card (CBM-103) & Also Programmable Cards (IB-E04 & HBK-608FP)  
Available for KT Roller
- Brushless DC Motor Provides Long Life
- One Shaft Mounting, Cable Side via Mounting Bracket. Opposite side via spring loaded hex axle

### Speed:

- 10 FPM to 45 FPM

### Product Detection:

- Photo Electric Sensors Can Be Provided,  
Pre-Mounted & Wired back to Controller Card

### Zone Configuration:

- Zone Size Based on Product To Be Handled
- Zero Pressure Contact Zones

### Benefits:

- Reduced Energy Consumption
- Conveyors Fully Pre-Tested Prior To Shipment
- Shipped Fully Assembled for Easy Installation
- Requires No Significant Preventative Maintenance
- Safe & Quiet Operation
- Low Profile Capable Down To 4 3/4" TOR  
(and 9" TOR on 3.25" roller center conveyors)
- 2 Year Warranty on Conveyor
- 1 Year Warranty on 24VDC Roller and Card



CBM-103  
Standard Driver Card



IB-E04  
(Programmable)  
2-Zone Controller Card



HBK-608FP  
(Non-Programmable)  
2-Zone Hybrid Driver Card



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