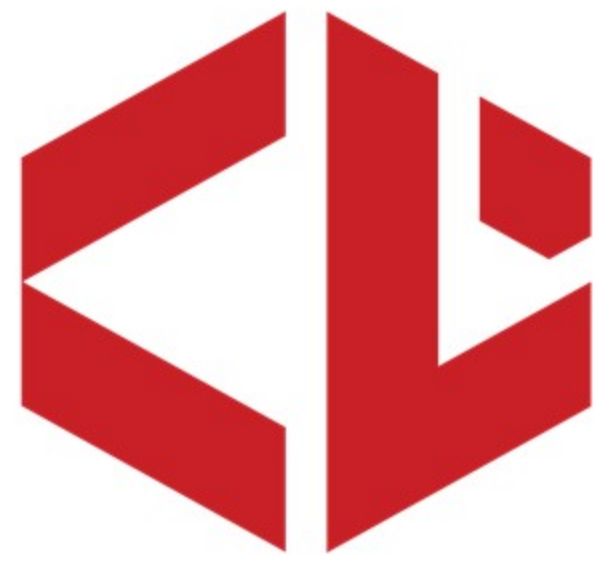




CONVEYOR LOGISTICS

PRODUCT OVERVIEW



MOTORISED DRIVE ROLLER CONVEYOR

MDR SERIES

www.conveyorlogistics.com.au

sales@conveyorlogistics.com.au



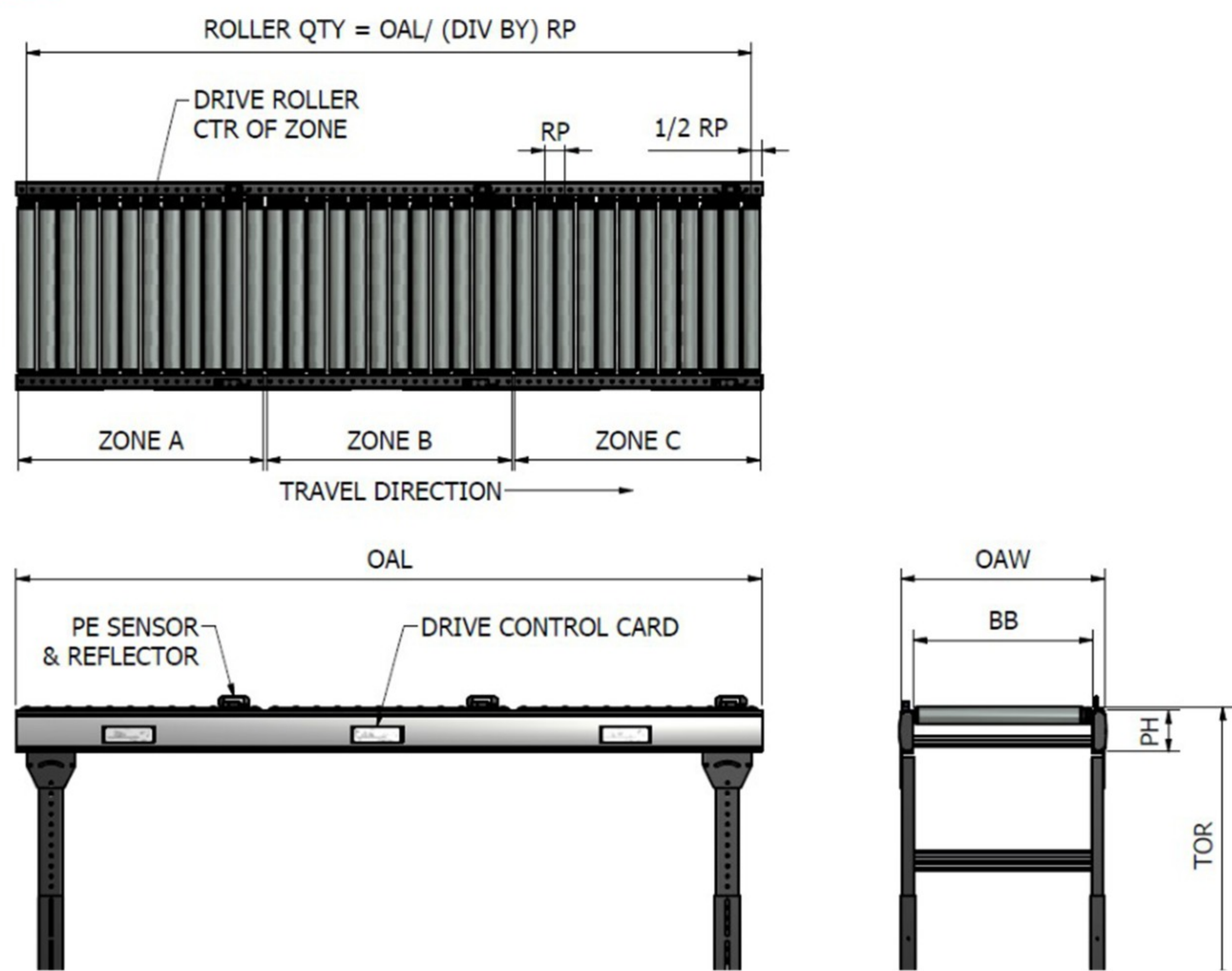
PRODUCT OVERVIEW

The MDR Series Roller Conveyors are a modular design roller conveyor that can be adapted to suit any application. Operate as either Transport Conveyor or ZPA (Zero Pressure Accumulation) conveyor system, where the conveyed product will not come into contact with each other, the MDR conveyor can be customised specifically for your requirements. When used for ZPA or transport conveyor the Run-on-Demand feature saves energy as the rollers only operate when required and are shut off when waiting for the next carton. Variable speeds can be achieved by the control card settings. Flexible Zone Recognition handles long articles that cover multiple zones and automatically controls the zones as one. Available in Straights, Curves 90/60/45/30 deg, Merge / Diverts conveying applications.

APPLICATIONS

The MDR Series Motorised Drive Roller Conveyors are developed for, but not limited to many intralogistics applications such as Warehousing, Transport & Freight Logistics, Carton & Tote handling, Food & Beverage, Order Picking Lines, Machine Feed Lines and many others.

DESIGN OVERVIEW



DIMENSION SPECIFICATION

OAL (Over All Length)	Application Specific
BB (Back to Back)	320 to 1020 in 100mm Increments
PH (Profile Height)	120 (nom.)
TOR (Top of Roller Height)	150mm min. - Upon Request
OAW (Over All Width)	Determined by BB



SPECIFICATIONS

General	
Max. Length	Unlimited - Application Specific
Available RP (Roller Pitches)	60mm, 90mm, 120mm & 150mm
Side Guides	Rail Type or Channel Type
Conveyor Speed	7 to 120 (meters per min)
Max. Load Rating	30 (kg per zone)
Operating Temperature	0 to +40 C
Min. T.O.R (Top of Roller Height)	150mm
Drive	
Transmission	MDR (Motorised Drive Roller)
Transmission Configuration	O-Ring / Poly Vee Drive Bands
Driving Belt	5mm O-Ring / J-Pitch Poly Vee
Rated Voltage	24V DC
Rollers	
Roller - Drive	24V DC MDR dia.50 (nom.)
Roller - Slave	O-Ring / Poly Vee dia.50 (nom.)
Roller Tube Material	MS Zinc Plated, PVC or Stainless Steel
Frame	
Channel	2.5mm Mild Steel
Channel Depth	120mm

For any inquiries please contact: sales@conveyorlogistics.com.au



MDR SERIES

GALLERY / REFERENCE PHOTOS

