

# MDR MERGE

## Series 1500 Conveyor Module

Controls Platform: G20 Full Control

POWERED BY  
**TREW**<sup>®</sup>

MDR merge modules provide a 30° spur with attached intermediate for merging. It attaches to a machine conveyor to achieve a high-rate of 40 cases per min. The units are modular and come preassembled as one unit (both spur and mainline). Built in and factory-mounted guard rail are included. Pre-mounted in-frame photo eyes are prewired. No pneumatics required. The all 24VDC electric operation ensures a consistent and quiet system that is easy to maintain.

- 8" Minimum Product Size
- Up to 180 FPM
- Available in 18:1 (geared)
- O-Band



## KEY FEATURES AND BENEFITS

- Merge Rate up to 40 cases per minute
- Light to medium weight applications up to 75 lbs
- Resilient and durable construction. Perfect for distribution, warehouse, process lines and postal applications
- Tool-less mounting brackets for all electrical components
- Using durable, high tension 5/16 O-bands
- Available ZPA Analyzer allows for system diagnostic and commissioning
- Electrical components have quick connect terminals for easy installations and expansion
- IP54 Standard

SERIES 1500 CONVEYOR - MDR MERGE, 24" ZONE							
Part #	Angle	Side Channel	Roller C-C"	MDR Type	Hand	Control	Color
TR15076 (15 BF, 72" Long)	30°	RSL	3"	EC5000 (geared)	LH	FULL	F9022
TR15077 (21 BF, 96" Long)					RH		F7035
TR15078 (27 BF, 96" Long)							
TR15079 (33 BF, 120" Long)							
TR15080 (36 BF, 120" Long)							

SERIES 1500 CONVEYOR - MDR MERGE, 30" ZONE							
Part #	Angle	Side Channel	Roller C-C"	MDR Type	Hand	Control	Color
TR15072 (15 BF, 90" Long)	30°	RSL	3"	EC5000 (geared)	LH	FULL	F9022
TR15073 (21 BF, 90" Long)					RH		F7035
TR15074 (27 BF, 120" Long)							
TR15075 (33 BF, 120" Long)							
TR15081 (36 BF, 120" Long)							

SERIES 1500 CONVEYOR - MDR MERGE, 36" ZONE							
Part #	Angle	Side Channel	Roller C-C"	MDR Type	Hand	Control	Color
TR15067 (15 BF, 108" Long)	30°	RSL	3"	EC5000 (geared)	LH	FULL	F9022
TR15068 (21 BF, 108" Long)					RH		F7035
TR15069 (27 BF, 108" Long)							
TR15070 (33 BF, 144" Long)							
TR15071 (36 BF, 144" Long)							

**Engineer to order options include: Flex control, additional BFs, additional zone lengths, additional MDRs & gear ratios, custom rail colors. Additional options may be available upon request. Contact Trew Engineering for further information.**