

MDR BELTED INCLINE

Series 1500 Conveyor Module

Controls Platform: G20 Full Control & H20 Auto Control

POWERED BY

TREW[®]

The MDR Belted Incline and Decline assemblies can handle product zone loads up to 50lbs at a speed of 150 fpm. These modules can be configured up to a 15-degree slope. This angle, depending on the product size, weight and center of gravity characteristics may go beyond the 15-degree limit if proper validation testing is performed. Belted incline sections contain one-way rollers to prevent product from moving when rollers are unpowered. Belted decline sections do not come with any type of brake, and function as gravity rollers when system power is lost. Like the Nose Over and Power Feeder modules, the incline and decline portion also uses the same high friction belt to prevent products from slipping or tumbling down the incline.

- Up to 150FPM
- Up to 50lbs

Take Up Brackets mounted on side channel to loosen or tighten belts

15 Degree Maximum Incline

Negative Pyramid Belt

INTERMEDIATE

DEGREE OF INCLINE/DECLINE

KEY FEATURES AND BENEFITS

- Sensitive Product Handling.
- Take Up Bracket Per Zone for Belt Alignment.
- T-Strip between belts for smaller products transition.
- Ultra Co-Efficient Belt Surface for higher traction & durability.
- Light to medium weight applications up to 50lbs.
- Resilient and durable construction. Perfect for distribution, warehouse, process lines and postal applications.
- Operates in 40° - 104°F.
- Minimum product size 4" x 4" x 0.75".
- Tool-less mounting brackets for control card components.
- Electrical components have quick connect terminals for easy installations and expansion.
- Using durable, high tension belt.
- Available ZPA Analyzer allows for system diagnostic and commissioning.
- IP54 Standard.

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SERIES 1500 CONVEYOR - MDR BELTED INCLINE, RSL, 24" ZONE						
Part #	Width (BF)	Side Channel	MDR Type	Hand	Control	Color
TR15092 (24" Long)	15, 21, 27, 33, 36	RSL	EC5000	LH	AUTO	F9022
TR15093 (48" Long)				RH	FULL	F7035
TR15094 (96" Long)						
TR15095 (144" Long)						



SERIES 1500 CONVEYOR - MDR BELTED INCLINE, RSL, 30" ZONE							
Part #	Width (BF)	Side Channel	MDR Type	Hand	Control	Color	
TR15096 (30" Long)	15, 21, 27, 33, 36	RSL	EC5000	LH	AUTO	F9022	
TR15097 (60" Long)				RH	FULL	F7035	
TR15098 (120" Long)							



SERIES 1500 CONVEYOR - MDR BELTED INCLINE, RSL, 36" ZONE							
Part #	Width (BF)	Side Channel	MDR Type	Hand	Control	Color	
TR15099 (36" Long)	15, 21, 27, 33, 36	RSL	EC5000	LH	AUTO	F9022	
TR15100 (72" Long)				RH	FULL	F7035	
TR15101 (144" Long)							

Engineer to order options include: Additional BFs, additional zone lengths, other MDRs & gear ratios, alternative photoeye locations, RSH (5.5" frame depth), food grade belts/textures, split zones, custom rail colors. Additional options may be available upon request. Contact Trew Engineering for further information.