

# High Speed Belt Merge

## High Speed Belt On Roller

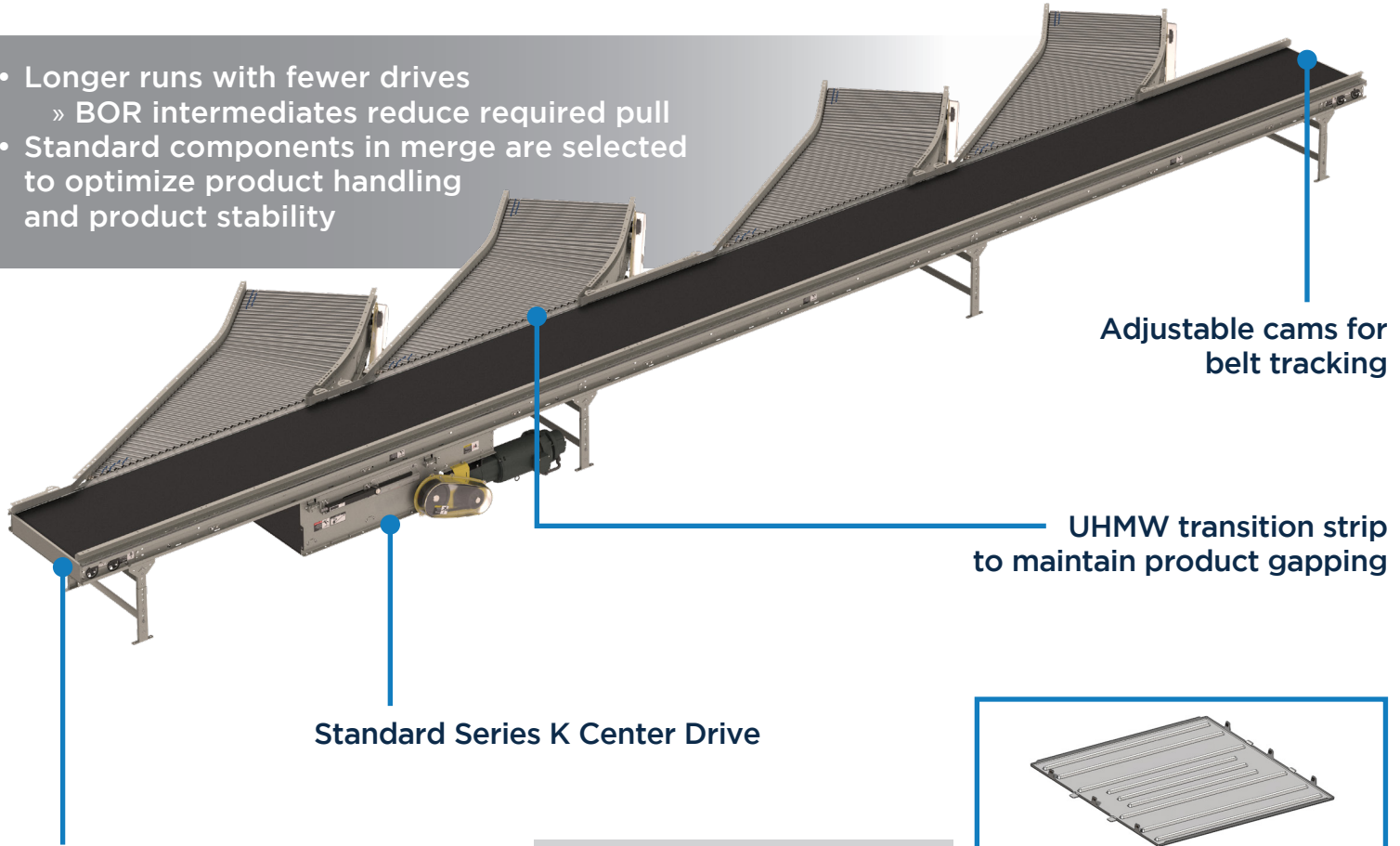
Controls Platform: AC Motor Powered

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**TREW**<sup>®</sup>

High Speed Belt Merge provides superior product handling and control through use of belted roller conveyor. Merge is designed to handle a variety of products, such as cartons, totes, polybags, and jiffys. Product specific belts can be selected to maintain product orientation through merges at various speeds. Banded return rollers help dampen vibration and reduce noise. Belt guides are present on either side of the unit in order to maintain belt tracking and reduce product friction over the spur transition. This unit shares components from other Series K products, which reduces unique spare parts required.

- Longer runs with fewer drives
  - » BOR intermediates reduce required pull
- Standard components in merge are selected to optimize product handling and product stability



Adjustable cams for belt tracking

UHMW transition strip to maintain product gapping

Standard Series K Center Drive

Knife edge pulleys for product transitions

**Guard Rail Available:**  
• Straight: 2.25", 6", 12"

**Bottom Guards –**  
Lightweight design allows for quick installation

## KEY FEATURES AND BENEFITS

- Polycoated return rollers on intermediate sections dampen vibration and reduce noise
- Optimized for 30° or 45° merge spur units
- Support brackets help reduce need for excess leg supports
- Banded return rollers help dampen vibration and reduce noise
- Updated belt path routing and tensioning labels
- All hardware is impact wrench accessible
- Belt type options available based on application

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### Specifications:

- Nominal between frame (BF) widths: 21", 27", 33", 36", 39"
- Motor HP: 1, 2, 3, 4, 5, 7.5
- Speeds: 300 - 600 FPM

- Belt types: Standard Belt, Tote Belt
- Standard color: Metallic Silver RAL 9022



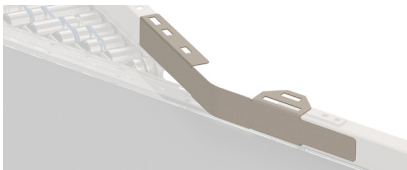
SERIES K BELT CONVEYOR - CENTER DRIVE							
Part #	Width (BF)	Drive	Hand	Speed (FPM)	HP	Brake	Color
TR12001 (63" Long)	21, 27, 33, 36, 39	BLT	LH, RH	300, 350, 400, 450, 500, 550, 600	1, 2, 3, 5, 7.5	NB	F9022 F7035 F7037



SERIES K BELT CONVEYOR - BELT ON ROLLER (BOR) INTERMEDIATE						
Part #	Width (BF)	Side Channel	Roller C-C"	Roller Type	Coated Return Roller	Color
TR12003 (36" Long) TR12004 (72" Long) TR12005 (108" Long) TR12006 (144" Long)	21, 27, 33, 36, 39	RSH, RSL	3C	HS	RRB	F9022 F7035 F7037



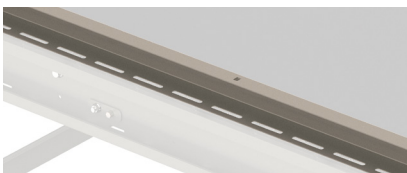
SERIES K BELT CONVEYOR - END TERMINAL			
Part #	Width (BF)	Side Channel	Color
TR12015 (18" Knife Edge)	21, 27, 33, 36, 39	RSH	F9022 F7035 F7037



ACCESSORIES - GUIDERAIL - 30° SPUR DISCHARGE TRANSITION		
Part #	Height (inches)	Color
GRO0004	2.25, 6, 12	F9022 F7035 F7037



ACCESSORIES - GUIDERAIL - 30° INFEEED SPUR BULLNOSE		
Part #	Height (inches)	Color
GRO0005	2.25, 6, 12	F9022 F7035 F7037



ACCESSORIES - BELT MERGE GUIDERAIL		
Part #	Height (inches)	Color
GR12006	2.25, 6, 12	F9022 F7035 F7037

ACCESSORIES - BELT GUIDE		
Part #	Part Name	Description
1009678	Belt Guide	Requirement for high speed belt merge beds, aids in maintaining product orientation from spur transition to merge