MODULAR

SIDE GUIDES • LANE DIVIDERS • HOLD DOWNS • END STOPS

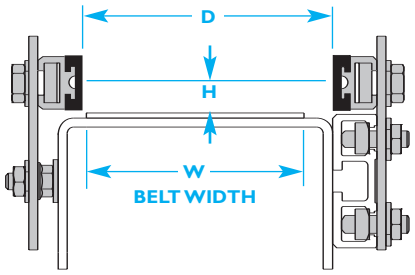
BENEFITS OF OUR MODULAR GUIDE RAIL SYSTEM

- Optional tool-less adjustment allows operators to change settings.
- All sides can be adjusted laterally and vertically.
- Modular design allows for quick and low cost reconfiguration.
- Industry standard UHMW rail profiles prevent marring product.
- Quick pre-set width adjustment optional.
- 2-axis cross blocks are guided to prevent rotation and binding.
- Extenders permit up to 3" increase in width capacity.
- Permits rapid removal and replacement.

FIXED GUIDE RAILS

Series S
S-A1-A-1-000-1

Series T
T-A1-A-1-000-1



"D" Distance Between Rails

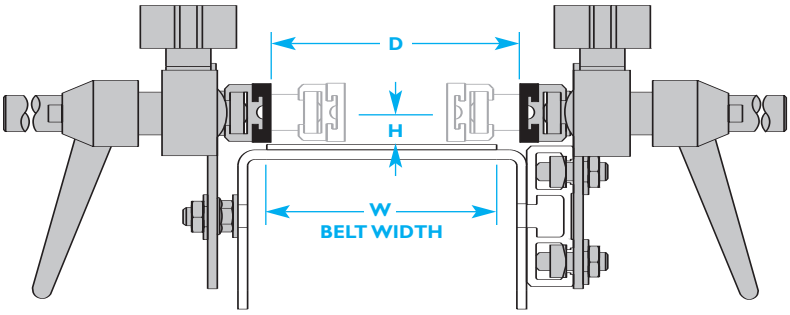
Rail Type	Series S	Series T
A-F	W +.17	W +.79
G	W -.08	W +.54

F and G Rails must use Medium or High Bracket

2-AXIS QUICK SET GUIDES WITH 4" OR 6" ROD

Series S
S-A3-E-1-000-1

Series T
T-A3-E-1-000-1



"D" Distance Between Rails with 4" Rod

Rail Type	Series S		Series T	
	Min.	Max.	Min.	Max
A-E	W -6.22	W -.14	W -5.60	W +.48
with collars	W -5.41	W -.66	W -4.79	W -.04

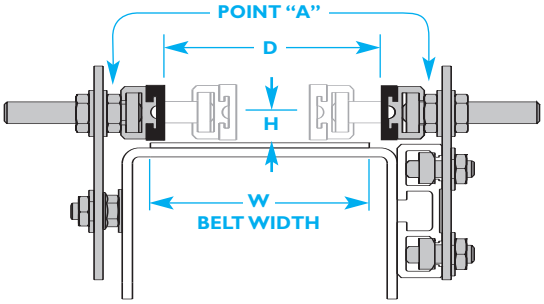
"D" Distance Between Rails with 6" Rod

Rail Type	Series S		Series T	
	Min.	Max.	Min.	Max
A-E	W -10.22	W -.14	W -9.60	W +.48
with collars	W -9.41	W -.66	W -8.79	W -.04

2-AXIS SCREW ADJUSTABLE GUIDES

Series S
S-A2-A-1-000-1

Series T
T-A2-A-1-000-1

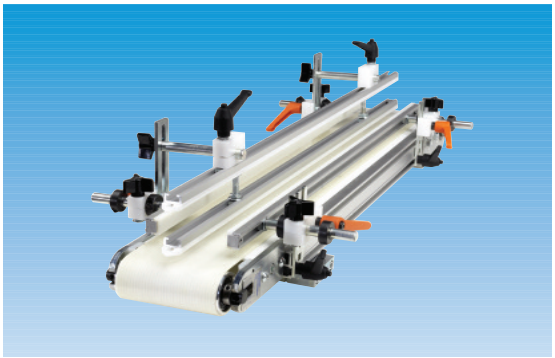


"D" Distance Between Rails

Rail Type	Series "S"		Series "T"	
	Min.	Max.	Min.	Max
A-E	W -2.43	W +.17	W -1.81	W +.79

First .25" inward movement of each side from maximum is not adjustable

Remove Nut and washer at point "A" for maximum distance.



"H" Values - Vertical Distance from Center of Rail to Belt

Bracket Position	Series S "H" Max.	Series T "H" Max.
Standard Bracket #1 A-E Rails		
Low	1 1/16	7/8
High	1 1/2	2 1/8
Medium Bracket #2 A-G Rails		
Low	2 1/8	2 1/8
High	2 3/4	3 3/8
High Bracket #3 A-G Rails		
Low	4 1/2	4 1/2
High	5 1/8	5 3/4

SIDE GUIDES

T - A - I - A - I - 000 - I

Series

	Shape	Rail	Height
Starndard Rails		A	0.81
		B	1.00
		D	1.75
		E	2.12
	2.10 / 0.47	F	3.00
		G*	4.00
Optional Rails		H*	0.76
		I	0.81
		J*	0.72
Special		Q*	0.46
		R*	round
		S*	1.00

*reduces "D" values

Adjustment

1	Fixed
2	Screw
3	4" Rod
4	6" Rod

2-Axis Quick Set Options

A	None
D	3 Lobe
E	3 Lobe & Ratchet
F	3 Lobe & Collars
G	3 Lobe, Ratchet and Collars

Length (Inches)

Bracket

0	None
1	Std.
2	Med.
3	High

Number of Sides

1	Single Side
2	Set of 2 Sides

Conveyor Technologies new guide rail system offers unmatched versatility and ease of adjustment, in a rugged compact modular package. Optional pre-engineered items such as lateral preset position stops, tool-less adjustment, lane dividers, diverters, hold-down, width extenders and adjustable end-stops are easily integrated within the modular system.

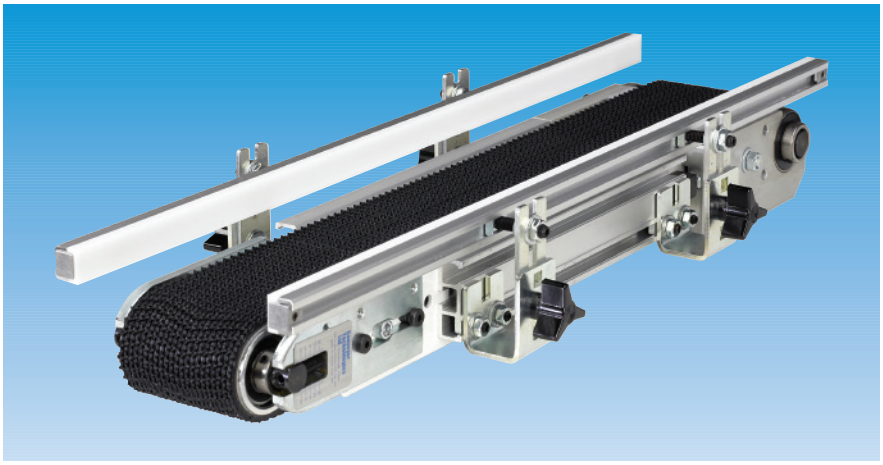
All guide surfaces are equipped with a UHMW liner which is available in a wide range of sizes and shapes. This reduces frictional guide drag that contributes to belt mis-tracking, while protecting product surface.

Two-axis rod system utilizes a unique guided, non-rotating cross block design which combines rapid adjustment with greater rigidity. This provides freedom from misalignment and binding associated with cross block mounting on a vertical round shaft. Optional collars permit rapid selection of (2) preset lateral side guide positions. All adjustments (except collars) can be provided with tool-less adjustment. Three sizes of mounting brackets allow selection of desired height range and ease of integrating hold-down, lane dividers, diverters, and sensors.

Adjustable end-stops permits rapid tool-less longitudinal positioning and removal. Height of stop bar can be selected for optimum operation.

When additional distance between rails ("D" dimension) is required, width extenders can be utilized. A set of #3014 extenders afford a total increase of 1.25." This provides "S" series conveyors with approximately the same "D" dimension as the "T" series. A set of #2117 extenders allows most end drive conveyors to carry loads 2" wider than the nominal belt width "W." Center drive conveyors can have "D" values 3" greater than those listed. These extenders in conjunction with our patented bearing plate design, and high load capacity provide an extremely low cost method of increasing conveyor width capacity. This can also reduce initial cost and belt replacement cost.

"T" Series with 2 axis screw adjustable guides and #2117 width extenders.



ADJUSTABLE LANE DIVIDER — T - 2 - BB - A - 1 - R - 000

Series

Number of Lanes
Fill in number

Rails

Upper	Lower
A	A
B	B
D	D
E	E

Rod Mount Style

A	1-Side
B	2-Sides
C	Common* 18-24

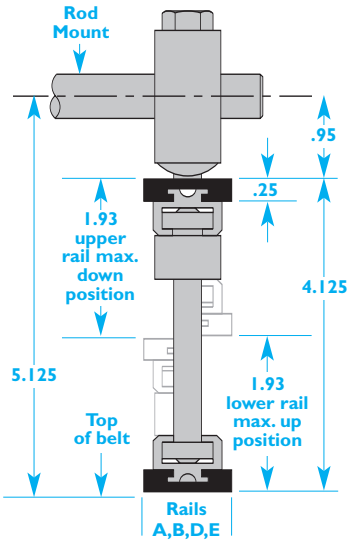
Rod Length

1	4"
2	6
3	8
4	20.5*
5	26.5*

Position Lock

S	Screw
R	Ratchet

Divider Length (# in inches)



Vertical position of upper and lower guide rails are adjustable independent of each other.

Nothing extends below lower rail regardless of its position Alternate solid UHMW divider is available. Contact factory.

HOLD-DOWN — T - A - A - 4 - R - 000

Series

Rail

A
B
D
E

Rod Mount Style

A	1-Side
B	2-Sides
C	Common* 18-24

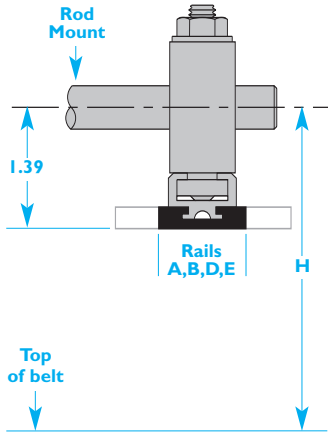
Rod Length

1	4"
2	6
3	8
4	20.5*
5	26.5*

Position Lock

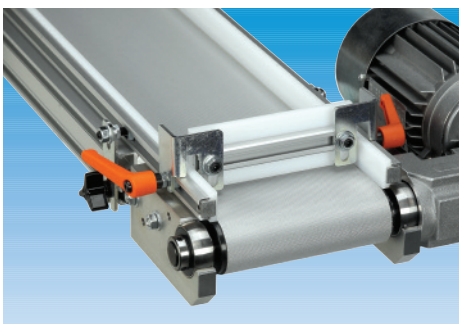
S	Screw
R	Ratchet

Hold-Down Length (# in inches)



* Common "C" type rod mounts are intended for only 18"-24" conveyors. Each rod requires (2) #2077 cross blocks.

END STOP — 100255 - A - S - 00.0



Stop Rail

A
B
D
E

Position Lock

S	Screw
R	Ratchet

Width

In Inches

(max. distance between side rail minus .25")

Note: end stop will function on side rails "A" through "E." Stop can be positioned along length of side rail.

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