

BASELINE BELT CONVEYOR - STRAIGHT

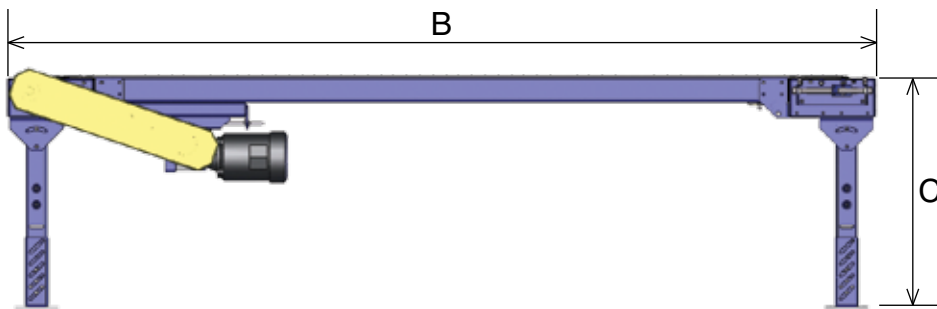
STRAIGHT BELT CONVEYOR



Belt Conveyors are designed to bring increased efficiency to assembly lines, sorting, inspection, transportation, and process systems. Belt conveyors provide the most versatile means of handling a wide variety of products from bulky boxes and bundled items to furniture, wood sheets, totes and packaged goods.

BASELINE SPECIFICATIONS

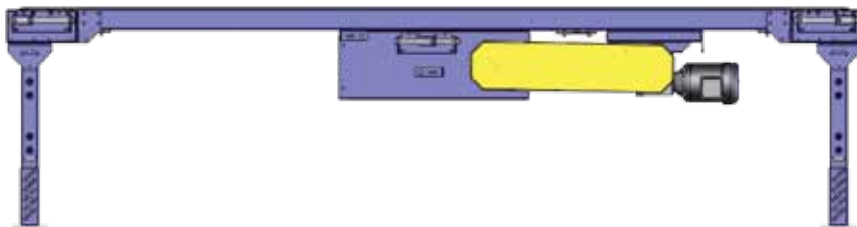
- Slider or Roller Bed
- Up to 120 FPM max speed
- Ceiling supports, floor supports and side guides available
- Powder coat finishes and galvanized material available



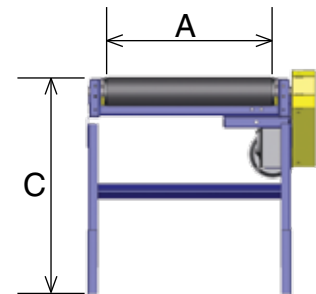
Ref.	100 Series	300 Series
A	12" - 36"	6" - 48"
B	5' - 102'	6' - 102'
C	16" - 84"	21" - 89"

A = Belt Width
B = Overall Length (OAL)
C = Top of Belt (TOB)

End Drive



Center Drive - Reversible



CONVEYOR SPECIFICATIONS

BCST-100 SLIDER BED

- Bolted construction
- Belt widths up to 36"
- 100 lbs. per foot frame capacity with 10' support centers
- Lengths in 1' increments 5' to 102'
- Belt widths in 1" increments 12" to 36"

BCST-100 ROLLER BED

- Bolted construction
- Belt widths up to 36"
- 240 lbs. per foot frame capacity with 10' support centers
- Lengths in 1' increments 5' to 102'
- Belt widths in 1" increments 12" to 36"

BCST-300 SLIDER BED

- Welded construction
- Belt widths up to 48"
- 300 lbs. per foot frame capacity with 10' support centers
- Lengths in 1' increments 6' to 102'
- Belt widths in 1" increments 6" to 48"

BCST-300 ROLLER BED

- Welded construction
- Belt widths up to 48"
- 300 lbs. per foot frame capacity with 10' support centers
- Lengths in 1' increments 6' to 102'
- Belt widths in 1" increments 6" to 48"

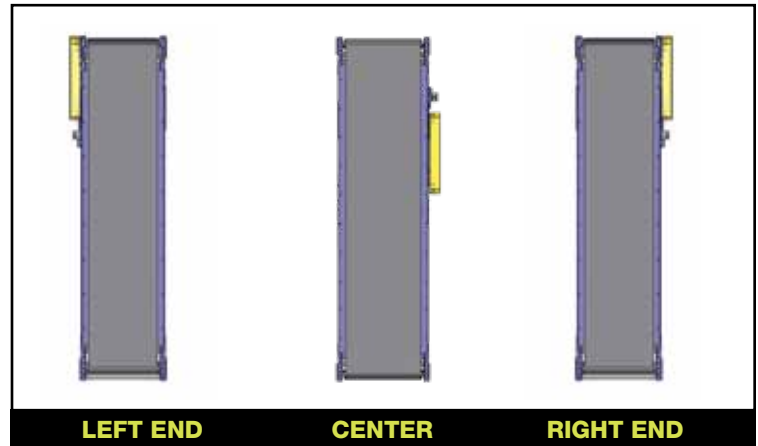
DRIVE AND BELTING SPECIFICATIONS

208-230/460VAC - 3 PHASE - 60 Hz

- Totally enclosed fan cooled
- 1750 RPM
- Inverter capable 4:1 speed ratio
- 1.00 service factor
- Sealed worm gear "C" face speed reducer

115/230VAC - 1 PHASE - 60 Hz

- Totally enclosed fan cooled
- 1750 RPM
- 1.15 service factor
- Sealed worm gear "C" face speed reducer



BELT SPECIFICATIONS						
	Trackmate 120 EMB		TM120RT-B		TMIPH533EMB	
Nominal Thickness	0.1 in	2.54 mm	.225 in	5.7 mm	.15 in	3.8 mm
Weight	.744 lbs.	3.6 kg/m ²	0.88 lbs.	4.3 kg/m ²	.96 lbs/ft ²	4.7 kg/m ²
Temperature Minimum	-10° F	-23° C	-10° F	-23° C	-10° F	-23° C
Temperature Maximum	180° F	82° C	158° F	70° C	176° F	80° C
Admissible Tensile Force	137 lbs./in	24 N/mm	61 lbs./in	11 N/mm	51 lbs./in	9 N/mm
Conveying Surface	Polyester fabric with PVC embossed cover		PVC rough top		PVC embossed cover; Grip structure	
Applications	Horizontal package handling, transport conveying, diverse uses in material handling and general conveyance applications		Decline belt; Incline belt; Induction belt; Metering belt		Acceleration belt; Baggage handling - public view; Check-in belt; Induction belt; Metering/singulation belt	

CONVEYOR CAPACITY INFORMATION

SERIES	HP	12" - 16" BW		20" - 24" BW		30" - 36" BW	
		7' - 52'	57' - 102'	7' - 52'	57' - 102'	7' - 52'	57' - 102'
100 Series	1/2	420	340	370	250	300	120
	3/4	710	620	670	550	520*	340*
	1	1000	910	890	770*	820*	640*
	1 1/2	1510*	1430*	1470*	1350*	1400*	1220*
	2	2100*	1990*	2050*	1930*	N/A	N/A
SERIES	HP	18" - 24" BW		30" - 36" BW		42" - 48" BW	
		5' - 50'	55' - 100'	5' - 50'	55' - 100'	5' - 50'	55' - 100'
300 Series	1/2	390	270	330	150	190*	N/A
	3/4	690	570	520*	340*	450*	220*
	1	890*	770*	820*	640*	750**	520*
	1 1/2	1470*	1350*	1400**	1220**	1340**	1100**
	2	2050**	1930**	1990**	1810**	N/A	N/A

* = 8" drive pulley

** = 8" drive pulley, 6" take-up pulley

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