

BASELINE BDLR - STRAIGHT

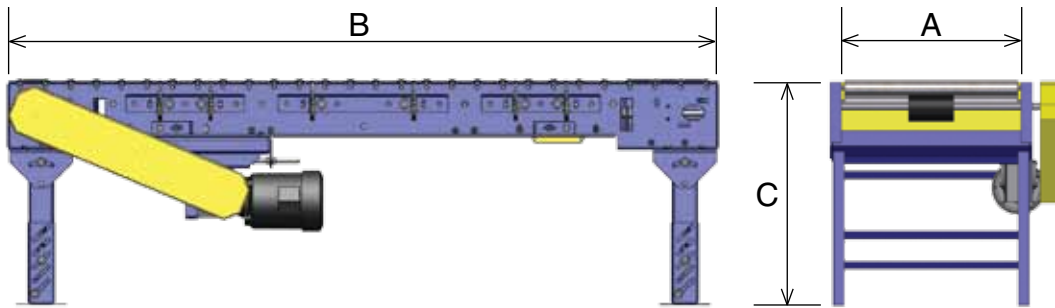
BELT DRIVEN LIVE ROLLER CONVEYOR



Belt Driven Live Roller (BDLR) Conveyor is a versatile way to convey products of various shapes, sizes, and weights. Products such as boxes, cases, drums and totes are ideal for this product line. Accumulating, diverting, merging and transportation are all normal applications for Belt Drive Live Roller Conveyors.

BASELINE SPECIFICATIONS

- Transportation and minimum pressure accumulation
- Lengths in 1' increments 5' to 102'
- Between frame in 1" increments 13" to 39"
- Up to 120 FPM max speed
- Ceiling supports, floor supports, side guides and end stops available
- Powder coat finishes and galvanized material available



Ref.	1.9"
A	13" - 39"
B	5' - 102'
C	20.5" - 89"

A = Between Frame (BF)
B = Overall Length (OAL)
C = Top of Roller (TOR)

ROLLER SPECIFICATIONS AND CROSS SECTIONS

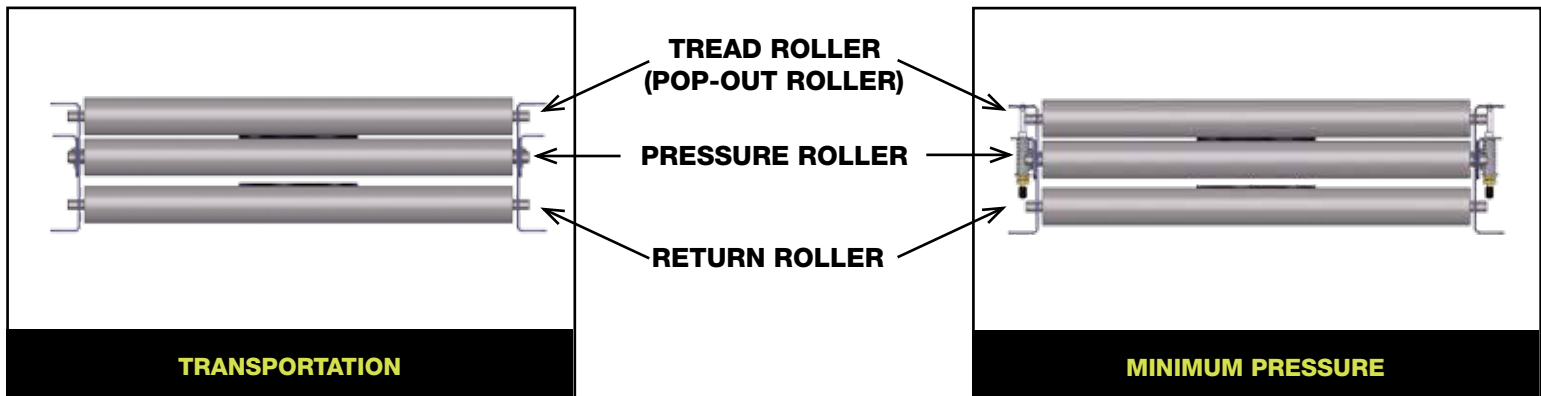
ROLLER DIAMETER	BEARINGS	TUBE DETAIL		AXLE DETAIL			ROLLER SPACING	MAX LOAD PER ROLLER	GALVANIZED FRAME
	Details	Wall Thickness	Material	Size	Type	Retention	Centers	lbs.	12 ga. Formed Channel
1.9"	Non-Precision or ABEC Precision	16 ga.	Galvanized	7/16"	Hex	Spring	3" and 6"	260	6 1/2" deep x 1 1/2" flange

TRANSPORTATION

Cost effective design for transporting product

MINIMUM PRESSURE

Additional adjustment for transporting product and accumulating with minimum pressure between products



Thumb screw adjustment enables user to "fine-tune" pressure roller driving force and accumulate product with minimum back pressure.

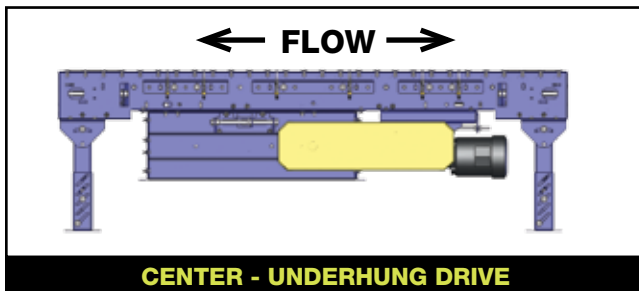
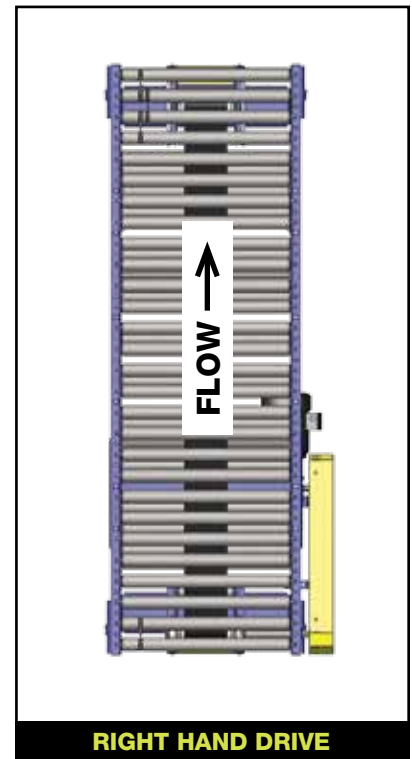
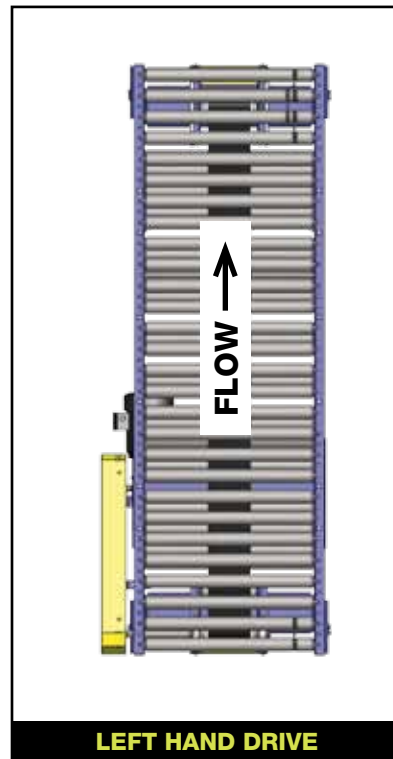
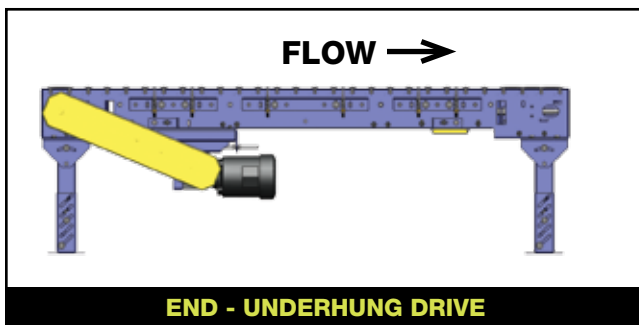
DRIVE SPECIFICATIONS

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



END - UNDERHUNG

End drive locations are the most economical choice when products will only be conveyed in one direction.

CENTER - UNDERHUNG

Center drive locations offer additional flexibility by enabling the conveyor to reverse product flow. Products can be conveyed in either direction without damaging the belt.



HORSEPOWER AND LOAD SPECIFICATIONS

MAXIMUM UNIFORMLY DISTRIBUTED LIVE LOAD						
BELT DRIVEN LIVE ROLLER CONVEYOR AT 60 FPM						
HP	13" - 18" BETWEEN FRAME		19" - 26" BETWEEN FRAME		27" - 39" BETWEEN FRAME	
	5' - 50'	55' - 100'	5' - 50'	55' - 100'	5' - 50'	55' - 100'
1/2	650	N/A	270	N/A	N/A	N/A
3/4	1510	510	1130	N/A	430	N/A
1	2460	1460	2100	670	1400	N/A
1 1/2	3760*	3100	3400*	2000	2780	750*
2	5400*	4300*	5000*	3600*	4400*	2370*

*8 inch diameter drive pulley in lieu of 4 inch diameter drive pulley

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