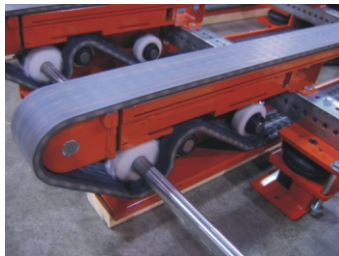


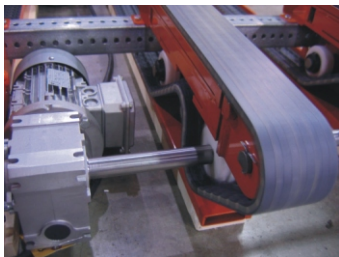
### **OVERALL CONSTRUCTION**

*Systec's BTD features fully guarded belt bars to all exposed areas. The flat belt design easily transfers the load and minimizes damage to the bottom sheets.*



### **ADJUSTABILITY**

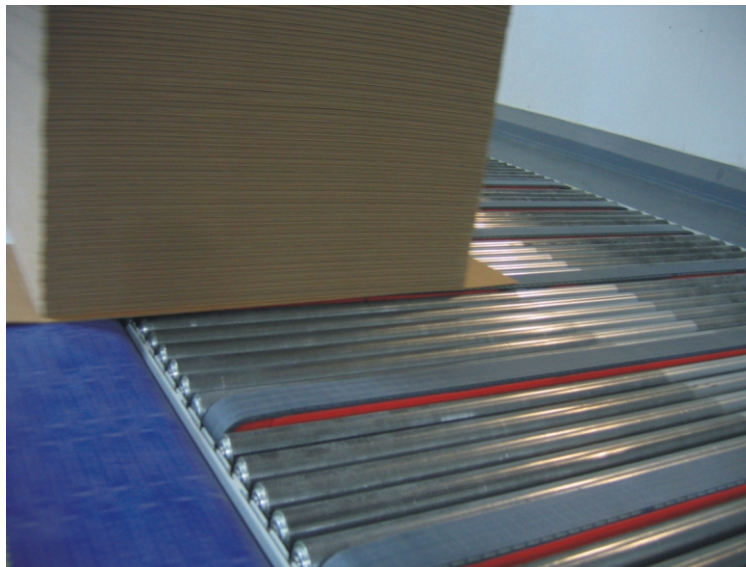
*Systec's BTD chain bars and pneumatic lift actuator assemblies are adjustable on 3" increments. The device can be installed at various locations within a conveyor line.*



### **DRIVE ASSEMBLY**

*Systec's BTD drive is a direct drive assembly. It is tucked neatly into the framework of the device - no floor mounted drive assembly.*

## *BELT TRANSFER DEVICE*



### **DESCRIPTION**

Systec's Belt Transfer Device (BTD) is a safe and efficient method of moving loads on and/or off a conveyor line.

The features of Systec's BTD allow it to sit within the conveyor line at various locations. It can be moved to nearly any location within the length of the conveyor line. It is totally independent of the conveyor in which it rests, and can be added to most other conveyor equipment manufacturer's lines. The BTD is designed to reduce and virtually eliminate the amount of load damage done to the bottom of the load during load transfer.

Based on the application, through optional load controls, loads can enter or discharge the device. Within certain application, the device can act as a one, two, three, or four way intersection.

As with all Systec conveyor and devices, the BTD bars are all steel construction, using precision laser cut parts for exact fit and function. This is a very low maintenance device applying the most advanced safety designs and features.

## **BELT TRANSFER DEVICE (BTD)**

# BELT TRANSFER DEVICE (BTD)

## SPECIFICATIONS

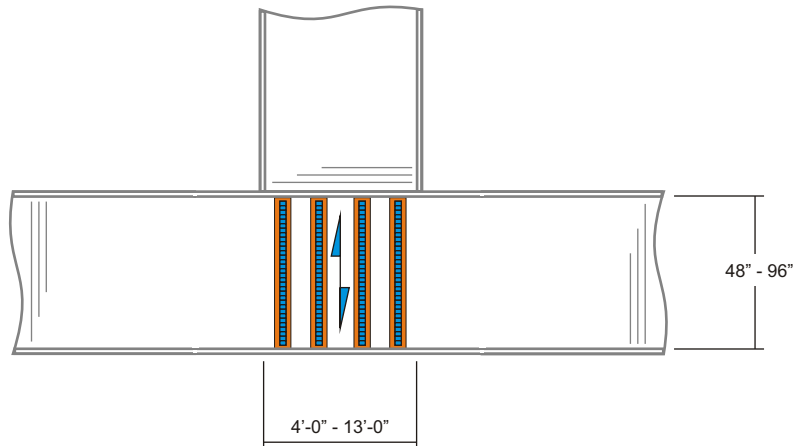
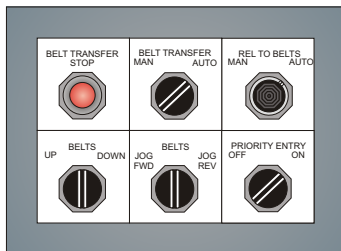
Fits Between Frame Dimension	60", 72", 84", 96"
Device Lengths	5'-0" thru 8'-0" on 1'-0" increments
Top-of-Roller Height	12" T.O.R. Standard (heights over 12" available)
Drive Capacity	3,500lb/unit
Conveyor Speeds	30, 40, and 60FPM
Motor	Flange Mounted, 3/4HP, 230/460volt, 3-Phase, 60 Hertz, Standard
Air Requirement	80PSI

## CONSTRUCTION

Belt Bar	Laser cut and welded steel construction
Belt Bar Mounting	Telespar Tube, 1" Adjustability (3" for roller centers)
Belt Guide	Rivet Mounted UHMW Plastic Chain Rail
Belt	2 1/2" Wide, Plastic Link Chain
Idler Sprocket	15 Tooth, Nylon, Plain Bore
Shaft	1" Diameter Common Drive Shaft
Bearing	1" Diameter, Sealed-for-Life, Flange Mount

## CONTROL OPTIONS

Automatic	Positioning Controls with Electro-mechanical Sensor Actuation
Safety Controls	Automatic Collision Safety
Priority Entry	Automatic Load Entry from Perpendicular Conveyor
Manual	Pushbutton Operation



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