

# PUSHER TRANSFER DEVICE

Systec's Pusher Transfer Device (PTD) is an integral section of a conveyor line. The device can be equipped with a conveyor drive section, take-up section, midsection, or can be a gravity conveyor. The PTD can be set in the line so that it will push either to the right or left. For special applications, the device can be modified to push loads in both right and left directions. Typically, the load would be pushed to a perpendicular or parallel conveyor line. The PTD can be used with a Sheet Gripping Device (SGD) for transferring loads that need to be placed on a deck, or bottom dunnage sheets.

Systec's PTD is a very reliable and durable transfer mechanism. The heavy-duty trolley assemblies are equipped with large diameter rollers for smooth movement and load transfer. Additionally, they are assembled with cam rollers for precise trolley tracking and movement. The PTD can be used in Powered Accumulating Roller conveyor (PAR), Powered Roller Only conveyor (PRO), or in Gravity Roller Conveyor (GRC) applications. The PTD is sized based upon the conveyor line in which it is used.



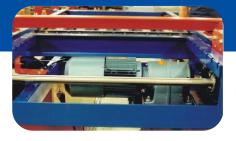
### **OVERALL CONSTRUCTION**

Systec's PTD features all-welded steel frame construction. Heavy gauge steels and precision cut laser parts ensure tighter tolerances resulting in longer life of components and the overall device.



### **HEAD TROLLEY**

Systec's PTD features an adjustable head for added clearance when needed for extra wide loads. Internal adjustments, such as chain tensioning are easily accomplished at the trolley head hook-up points



### **DRIVE ASSEMBLY**

Systec's PTD drive assembly is equipped with a common shaft, and dual drive chains. This assures even movement and pressure on the load being transferred.

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# **SPECIFICATIONS**

Between Frame Dimensions

Length (Head Length)

Top-of-Roller Height

Conveyor Speeds Drive

Capacity Head Speed

Head Drive

Air Requirement

48", 60", 72", 84", 96"

4'-0" - 8'-0" on 1'-0" increments

12" T.O.R standard (Heights over 12" available)

Determined by conveyor drive section or internal drive package

3,500 lb/unit

45 or 60 FPM

1.5 HP Foot Mounted

55 PSI (for accumulating conveyor section)

## **CONSTRUCTION**

Frame

Head and Drive Mechanism Chain Drive All-welded steel construction

Heavy gauge steel head and trolley assemblies

Dual #60 chain

### **CONTROLS**

Automatic Manual Positioning controls with electro-mechanical sensor actuation

Pushbutton operation

