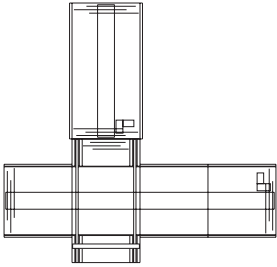


# Dispatch Transfer Device (TDD)

EXIT DEVICE



*TDDs provide for the transfer of loads from a main line to a spur line, or other right angle transfer applications.*

## PRODUCT DESCRIPTION

The Dispatch Transfer Device provides a pusher bar offset along the side of the conveyor that moves across the conveyor to push loads off the opposite side to an adjacent conveyor. The pusher bar or Head is recessed from the side of the conveyor, at its home position, allowing loads to pass as they move along the conveyor. When a load is to be transferred, the load centers in front of the pusher head and stops. The head will move toward the load, push it off the opposite side and onto the adjacent line, and return home and wait for the next load.

The pusher head is a sturdy structural angle mounted to and supported by a pair of trolley assemblies. These trolleys are supported and guided by rails that are incorporated in the device frame, and span the width of the conveyor. Loads pass above the guide rails as they move along the conveyor, while the conveyor belt passes beneath the guide rails as it drives the conveyor. The pusher assembly is pulled by tow chains attached to each trolley by a common drive. Adjustable limit switches control the home and full forward positions of the stroke.

## APPLICATION

The Dispatch Transfer is used in a conveyor system, primarily as a means for moving loads off of a main line conveyor onto various spur lines. These devices are most often used within a dispatch system downstream of a unitizing operation. These units may operate in a manual or automatic system.

## FEATURES

- For use with new or existing Mainline Conveyor system conveyors.
- Adaptable for use in other manufacturer's existing center belt drive conveyor.
- Potential for tandem operation.
- 1-1/2hp drive motor with brake.
- Nominal stroke of up to 16" beyond side of conveyor.
- Special overstroke configurations available
- Adjustable home and full forward limit switches.
- UHMW-PE slides support and guide the trolleys along the guide rails during travel.
- Nominal 12" TOR with 2-1/2" rollers on 3" centers.
- Motor disconnect and position limit switches prewired for easy installation.
- Round top guide rails to reduce chance of load snags

