



# Performance Line Passive Right Angle Transfer



Performance Line Passive Right Hand Transfer (PRAT) Systec's Performance Line Passive Right Angle Transfer or PLRAT is designed to allow for instantaneous transitions of loads, all while maintaining orientation. It is an alternative to belt transfers and allows for more flexibility and load building capabilities, all while maintaining a smaller foot print than a traditional 90° degree curve.

Because this device uses a nonactivated roller belt, it has fewer moving parts and maintenance points than the competition.

The conveyor can be equipped with casters and quick disconnect plugs to allow access into the area. Speeds can be controlled through the variable frequency drive.

The photo electric eyes are bolted to the outside of the side frames to sense product for accumulating controls. Product can be indexed to back fill the conveyor to maximize accumulation without dumping product off the edges.

As with all Systec Conveyors' devices, the PLRAT is manufactured 100% in house at our factory in Indianapolis, Indiana.



## OVERALL CONSTRUCTION

Performance Line Passive Right Hand Transfer (PRAT) The Engineering, Layout Design, and Manufacturing all occurs in our Indianapolis facility, using laser cut steel parts to build Solutions for your Material Handling needs.



## CONTROLS

Systec's PLRAT comes standard with 24VDC or 120 VAC field controls. The bundles can be indexed for maximum accumulation.



## DRIVE

Systec's PLRAT features a variable frequency drive (VFD). Speeds can range from 45FPM -180FPM depending on the application.

## SPECIFICATIONS

Between Frame Dimension	Customized to the Application Supporting MFFG to RDC's
Lengths	Depends on maximum machine through
Top-of-Belt Height	24" T.O.B. To 72" T.O.B., With Adjustable legs
Drive Capacity	50lb / Unit
Conveyor Speeds	45-180 FPM Variable Frequency Drive Controls

## CONSTRUCTION

Frame	Precision laser cut parts with bolt together assembly
Belt	Flexible Plastic Mesh Belt
Drive Shaft	Plunge cut motor key way
Leg Supports	Adjustable height with welded cross members
Portability	Optional casters for mobile applications
Safety Features	Guarding on all moving parts

## CONTROL OPTIONS

Automatic	Pass through or indexing accumulation
Manual	Push button Jog controls
Portability	Quick disconnect buttons optional