



PASSIVE RIGHT-ANGLE TRANSFER

System's Passive Right-Angle Transfer or PRAT 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 footprint 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, maximizing accumulation without dumping product off the edges.



OVERALL CONSTRUCTION

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



CONTROLS

System's PRAT comes standard with 24V DC or 120OV AC field controls. The bundles can be indexed for maximum accumulation.



DRIVE ASSEMBLY

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

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SPECIFICATIONS

Between Frame Dimensions	24, 30, 36, 42, 48, 54, 60, 66, 72, 78, 84"
Lengths	Depends on maximum machine through dimension
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 keyway
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

