

Performance Line Bundle Transfer / Ejector



Systec's Performance Line Bundle Transfer / Ejector or the PBTE is unique in that it can integrate with vision inspection systems to allow for the quarantine of defective loads.

Systec's PBTE integrates with zoned Performance Line Bundle Conveyor for the best control. The device is ideal for use at a corner, allowing for maximum surge and straight cornering where registration is not an issue when building a load.

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

As with all Systec Conveyors' products and devices, safety is of the highest standard with the PBTE. The device has been designed using precision laser cut parts for exact fit and function. The PTBE bars are all steel construction. This is a very low maintenance device applying the most advanced safety designs and features.



STRENGTH

Systec Conveyors PBTE's construction assures its ability to handle up to a 100lb/ unit.



ADJUSTABILITY

PBTE's and pneumatic lift actuator assemblies are adjustable on 3" and 2.25" increments. The device can be installed at various locations within a bundle conveyor line.



ENGINEERING

The PLBTE drive is a direct drive assembly. It is tucked neatly under the framework of the device.

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SPECIFICATIONS

Between Frame Dimension	36", 48", 54", 60", 66
Device Lengths	12" + on 3" increments
Top-of-Roller Height	Bundle Conveyor Height
Drive Capacity	100lb / Unit
Conveyor Speeds	45, 60, 90, 120FPM
Motor	Flange Mounted, 1HP, 230/460volt, 3-Phase, 60 Hertz, Standard
Air Requirement	80PSI
Bundles/ Min	17 (36"x 36" Avg Bundle Size Strapped)

CONSTRUCTION

Belt Bar	Precision laser cut parts with bolt together assembly
Belt Bar Mounting	Flexible Plastic Mesh Belt
Belt Guide	Plunge cut motor key way
Belt Pulleys	Adjustable height with welded cross members
Shaft	Optional casters for mobile applications
Bearing	Guarding on all moving parts

CONTROL OPTIONS

Automatic	Positioning Controls with Electromechanical Sensor Actuation
Safety Controls	System can be integrated with Vision Inspection Systems Automatic Collision Safety
Manual	Push button Operation