



SIDE PIVOT CONVEYOR

Systec's Side Pivot Conveyor (SPC) is primarily used where change in load direction is required, yet the load orientation must remain the same. This is particularly applicable where pallets may be used within the system. This is since the pallet's runners, or bottom boards, must remain perpendicular to the load carrying rollers to smoothly convey the load. The SPC is applicable at points within a conveyor line where pivoting around an obstacle, such as a building column, is required. It can also be used at a location where a break in the line may be required for equipment, such as a forklift, to

gain access to an area inside the conveyor system. Each SPC is provided with a floor mounted mast assembly with power disconnect switches and, an audible and strobe light warning system for impending conveyor movement. It also provides the necessary power for the conveyor and pivoting movement. The SPC, like all Systec Conveyor products, is an all-welded, steel frame construction, using precision laser cut parts for exact fit and function. This is a very low maintenance device applying the most advanced safety designs and features.



OVERALL CONSTRUCTION

Systec's SPC features welded steel frame construction with precision laser cut parts. This is a self-contained unit.



PIVOT POINT

Systec's SPC pivot point can be set to any location along the side frame of the conveyor. Depending on location, transition sections of conveyor may be required for square end alignment.



DRIVE ASSEMBLY

Systec's SPC conveyor drive is very similar to the standard floor conveyor. The SPC rotation drive assembly is a simple, gearmotor to drive wheel assembly, using high endurance polyurethane tread drive and idler wheels.

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SPECIFICATIONS

Between Frame Dimensions

Length
Top-of-Roller Height
Drive Capacity
Conveyor Speeds
SPC Rotate Speed
Cycle Rating

72", 84", 96" (conveyor width only)
Gravity Outriggers are available
7'-0" - 15'-0" (other lengths available)
12" T.O.R.
3,500lb/unit
45 FPM
45 FPM, Variable
Determined by device size and speed requirements

CONSTRUCTION

Frame
Drive Wheel
Idler Wheels

All Welded Steel Construction
8" Dia. x 3" Face x 1 3/8" Bore, Liquid Cast 95A Durometer
Polyurethane Bonded to Cast Wheel Hub
5" Dia. x 2 1/2" Face x 6 1/2" Overall Height, Liquid Cast
95A Durometer Polyurethane Bonded to Cast Wheel Hub

SAFETY FEATURES

Frame
Audible Alert System
Visual Alert System

Guarding On All Moving Parts, With Toe-Guard Skirting
Surrounding All Exposed Areas Of SPC
Alert System Sounded When SPC Is In Motion
Flashing Strobe When SPC Is In Motion

CONTROLS

Automatic
Manual

Positioning Controls with Electro-mechanical Sensor
Actuation
Pushbutton Operation

