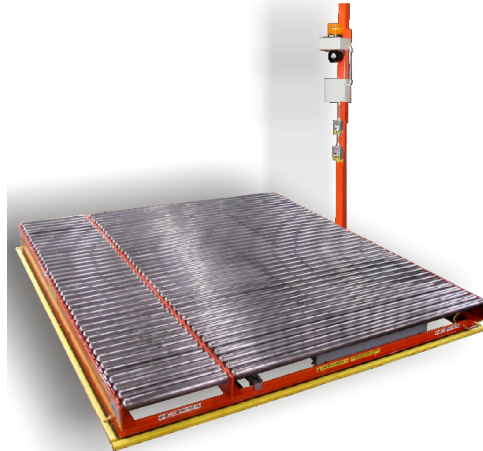


# Side Pivot Conveyor



Systec's Side Pivot Conveyor (SPC) can be used at various points within the overall conveyor system. The 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 due to the fact pallets 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 fork lift, 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 fine 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.



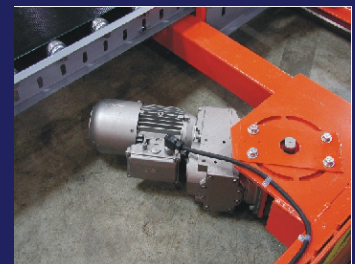
## OVERALL CONSTRUCTION

Systec's SPC features all-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.

## SPECIFICATIONS

|                         |  |
|-------------------------|--|
| Between Frame Dimension | 72", 84", 96" (conveyor width only)              |
|                         | Gravity Outriggers are available                 |
| Length                  | 7'-0" - 15'-0" (other lengths available)         |
| Top-of-Roller Height    | 12" T.O.R.                                       |
| Drive Capacity          | 3,500lb/unit                                     |
| Conveyor Speeds         | 45 FPM   |
| SPC Rotate Speed        | 45 FPM, Variable                                 |
| Cycle Rating            | Determined by device size and speed requirements |

## CONSTRUCTION

|              |  |
|--------------|--|
| Frame        | All Welded Steel Construction  |
| Drive Wheel  | 8" Dia. x 3" Face x 1 3/8" Bore, Liquid Cast 95A Durometer Polyurethane Bonded to Cast Wheel Hub               |
| Idler Wheels | 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                | Guarding On All Moving Parts, With Toe-Guard Skirting Surrounding All Exposed Areas Of SPC |
| Audible Alert System | Alert System Sounded When SPC Is In Motion   |
| Visual Alert System  | Flashing Strobe When SPC Is In Motion  |

## CONTROL OPTIONS

|           |   |
|-----------|---|
| Automatic | Positioning Controls with Electro-mechanical Sensor |
| Manual    | Actuation<br>Pushbutton Operation                   |

