



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 that 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 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.



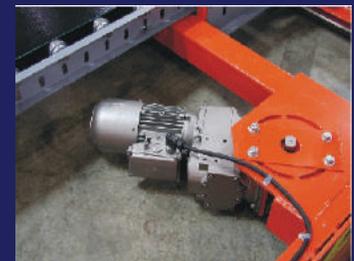
OVERALL CONSTRUCTION

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 Pushbutton Operation

