



CENTER PIVOT CONVEYOR

Systec's Center Pivot Conveyor (CPC) can be used at any point within the overall conveyor system. The CPC 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 CPC can be used as a right-angle discharge, as an in-line load rotation device (180 ° only), or as a multiple line intersection.

At each feeding, or discharging conveyor line, transitions sections (as shown) are provided to bridge the gap between the square ended conveyor line and the arcs of the CPC itself. The transitions provide full load support over the width of the conveyor to assure smooth load transition on and off the CPC. The CPC, 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.



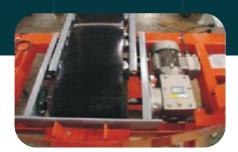
OVERALL CONSTRUCTION

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



ADJUSTABILITY

Systec's CPC adjustments are factory preset. The final, fine tune adjustments are made at the time of installation. No further adjustments are required once the system is operational.



DRIVE ASSEMBLY

Systec's CPC conveyor drive is very similar to standard floor conveyor. The CPC utilizes standard belt drive with under conveyor drive assists to maximize roller utilization.

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SPECIFICATIONS

Between Frame Dimensions 48", 60", 72", 84", 96" (conveyor width only)

Diameter 72" = 8'5 7/8", 84" = 10', 96" = 11' - 6"

(Overall length requires 1" added to each adjoining conveyor for clearance)

Top-of-Roller Height 12" T.O.R.
Drive Capacity 3,500 lb/unit
Conveyor Speeds 45, 60 FPM
CPC Rotate Speed 45 FPM

Cycle Rating 80 loads/hour maximum at shown FPM (5' long load)

CONSTRUCTION

Frame All-welded steel construction. Guarding on all moving parts with toe-

guard skirting surrounding all exposed areas of CPC.

Drive Wheel 8" Dia. x 3" Face x 1 3/8" Bore

Idler Wheels 5" Dia. x 2 1/2: Face x 6 1/2" Overall Height

CONTROL OPTIONS

Automatic Positioning controls with electro-machanical sensor actuation

Manual Pushbutton operation

Audible Alert System Alert system sounded when CPC is in motion Visual Alert System Flashing strobe when CPC is in motion

