



Panel Corner





Panel Corner

The Panel Corner (PCR) provides smooth transfer of PCB panels while changing the leading edge of the PCB with 90°. Setting up the PCR Corner equipped with different features depending on requirements, the configuration of the production line can align, buffer and divert the PCB panels.

Features

- Smooth changing of leading edge with 90°
- 1 inlet / 1 outlet
- Standard profiles – “easy to add” components

Options

- Conveyor extension
- Custom design
- Up to 4 in- and out-lets
- Mechanical stop or pneumatic cylinders for PCB alignment

Specifications for PCR

PCB boards

Min. size	300 x 300 mm
Max. size	635 x 635 mm
Min. thickness	0.05 mm
Max. thickness	6.0 mm

Conveyor

Type	PU rollers + flatbelt
Conveyor height	900 – 940 mm
Speed	1 – 10 m/min
Stroke	6 min ⁻¹

Control

Main supply	230 VAC / 50 Hz
Consumption	150 W
Air supply	7 Bar / 6 l/min
PLC	OMRON

Individual specifications

Conveyor width [mm]	
Machine dimensions, l [mm]	
Weight [kg]	

PCR 25

Conveyor width [mm]	700 mm (inside)
Machine dimensions, l [mm]	800 x 800 mm
Weight [kg]	100 kg

PCR 30

Conveyor width [mm]	860 mm (inside)
Machine dimensions, l [mm]	960 x 960 mm
Weight [kg]	125 kg

Machinery

Frame: ITEM aluminium profile system.
Covers: hardened, tinted glass and white powder-coated aluminium plates.