

# Panel Spreading Conveyor





## Panel Spreading Conveyor

The Panel Spread Conveyor (PSC) provides smooth transfer of PCB panels while spreading the panels to the left / right / middle. The PSC is typically placed before a brushing line and the spreading serves to avoid one-sided wear on the rollers.

### Features

- Automatic left / right / pass flow control
- Smooth transport of PCB – offset flow
- Standard profiles – “easy to add” components

### Options

- Custom design

### Specifications for PSC

#### PCB boards

Min. size	300 x 300 mm
Max. size	635 x 635 mm
Min. thickness	0.1 mm
Max. thickness	6.0 mm

#### Conveyor

Type	40 mm alu. rollers
Conveyor height	900 – 940 mm
Speed	1 – 10 m/min
Stroke	6 min <sup>-1</sup>

#### Control

Main supply	230 VAC / 50 Hz
Consumption	150 W
Air supply	7 Bar / 10 l/min
PLC	OMRON

#### Individual specifications

Conveyor width [mm]

Machine dimensions, l [mm]

Weight [kg]

#### PSC 25

650 mm (inside)

800 x 800 mm

125 kg

#### PSC 30

800 mm (inside)

960 x 960 mm

150 kg

#### Machinery

Frame: ITEM aluminium profile system.

Covers: hardened, tinted glass and white powder-coated aluminium plates.