

Panel Cage Loader / Unloader





Panel Cage Unloader

The Panel Cage Unloader (PCU) is intended for the handling of single- as well as double-sided PCB, which require time for cooling or drying after unloading. The Cage Unloader is designed for racks from Circuit Automation with a capacity of 28 panels. The PCB panels are stored vertically in the racks.

Features

- Suited for Circuit automation racks
- Vertical rack storage
- Capacity of 28 PCBs per rack

Options

- Automatic rack change for continuously unloading
- Custom design
- Batch controlled PC system

Specifications for PCU

PCB boards

Min. size	300 x 300 mm
Max. size	635 x 635 mm
Thickness	0.5 – 1.6 mm
Weight	4000 g

Conveyor

Type	Aluminium rollers
Conveyor height	900 – 920 mm
Speed	1.6 – 11.8 m/min
Stroke	4 min ⁻¹

Control

Main supply	230 VAC / 50 Hz
Consumption	300 W
Air supply	6 Bar / 10 l/min
PLC	OMRON
Tower light	Red – Yellow – Blue

Individual specifications

Conveyor width [mm]	640 mm
Machine dimensions, l x w x h [mm]	-
Weight [kg]	300 kg

Machinery

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