

# Panel Lamel Buffer-Accumulator





## Panel Lamel Buffer - Accumulator

The Panel Lamel Buffer also called Accumulator (Porcupine) is a vertical accumulator buffer for drying and cooling of PCB panels. The buffer runs in FIFO First In First Out mode and can be supplied with a capacity of 50 or 100 PCB's capacity and with or without pins for handling inner or outer layer PCBs. Furthermore the unit can be supplied without inlet- and outlet conveyor on request

### Features

- Vertical buffer with a storage capacity of 100 PCB panels
- Adjustable hold-time / outlet timer
- Standard profiles – “easy to add” components

### Options

- Change operator side
- No pins for handling outer layer PCBs
- No inlet- or outlet conveyor

### Specifications for PLB

#### PCB boards

Min. size	300 x 300 mm
Max. size	635x 635 mm
Min. thickness	0.1 mm
Max. thickness	3.2 mm
Capacity	50 / 100 PCBs

#### Conveyor

Type	6 mm PU roundcord
Conveyor height	900 – 940 mm
Speed	0.5 – 10 m/min
Stroke	5 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 incl inlet / outlet	
Weight [kg]	

#### PLB50

640 mm (inside)	
1750 mm	
200 kg	

#### PLB100

640 mm (inside)	
2280 mm	
300 kg	

#### Machinery

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