

The PCB cooling buffer conveyor is a crucial component in SMT production lines, designed to temporarily store PCBs after reflow oven until they are adequately cooled. This ensures that the PCBs are at the optimal temperature before being conveyed to the next machine, AOI, for inspection of the soldering quality. It plays a vital role in SMT production by buffering and transporting circuit boards, enhancing production efficiency, and minimizing downtime on the assembly line.



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Model	ETB330	
1	Control system	Panasonic PLC
2	PCB dimension (MM)	450*(50-330) mm 460mm width customizable
3	PCB thickness	0.6-3.0mm
Machine		
1	Machine dimension L*W*H(MM)	1050*810*1600MM
2	Machine weight	280KG
Control system		
1	Power supply	Single phase 220V
2	Starting power/no-load power	1250W/200W
3	Buffer height	20mm/layer
4	Buffer quantity	20PCS
6	Lifting device	750W Servo Motor
7	Lifting mechanism	Ball Screw
8	Compressed air	5-6KG
9	Fixed rail	The front side (customizable)
10	Transport direction	L to R (or R to L, customizable)
11	Transport height	900±20mm
12	Pitch	1~5steps (20mm)
13	Withstand voltage	AC terminal to ground 1500VAC, 1 minute
14	Usage environment	An environment free of corrosive gases and dust
15	Anti-interference	Voltage noise: 1000Vp-p, wave width 1us, 1 minute
16	Fixed guide rail	1 guide rail is fixed, 2 guide rails are movable and adjustable.
17	Conveyor motor	Stepper motor transmission
18	Lift drive	750W motor
19	Communication	SMEMA Compatible
21	Photoelectric switch	Panasonic sensor or German SIK sensor
22	Slot sensor	Omron



Welcome inquiry

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