

Buffer Systems PS05, PS08, PS10



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- › Das Puffersystem PS05 (PS08, PS10) kann durch vertikal angeordnete Transportsegmente einzelne Baugruppen vorübergehend aufnehmen und an die nachfolgende Anlage übergeben.
- › Die offene Bauweise ermöglicht eine einfache Entnahme oder das Einschleusen von Baugruppen im laufenden Betrieb.
- › Die Anlage eignet sich speziell dazu, kleinere Pausenzeiten, verursacht durch Prozessanlagen (Materialrüstung Bestücker; Schablonenreinigung Drucker, etc.) auszugleichen oder um „fehlerhafte“ Baugruppen nach dem Druck- oder Bestückprozess auszuschleusen.



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- › Buffering on conveyor belts
 - › Capacity: PS05: 5 Slots
 - PS08: 8 Slots
 - PS10: 10 Slots
- › Buffering on FIFO-principle or LIFO-principle (adjustable)
- › Machine without pushers
- › Cycle time per PCB pro 10 - 15 sec. (at FIFO)
- › Compact design
- › Small footprint



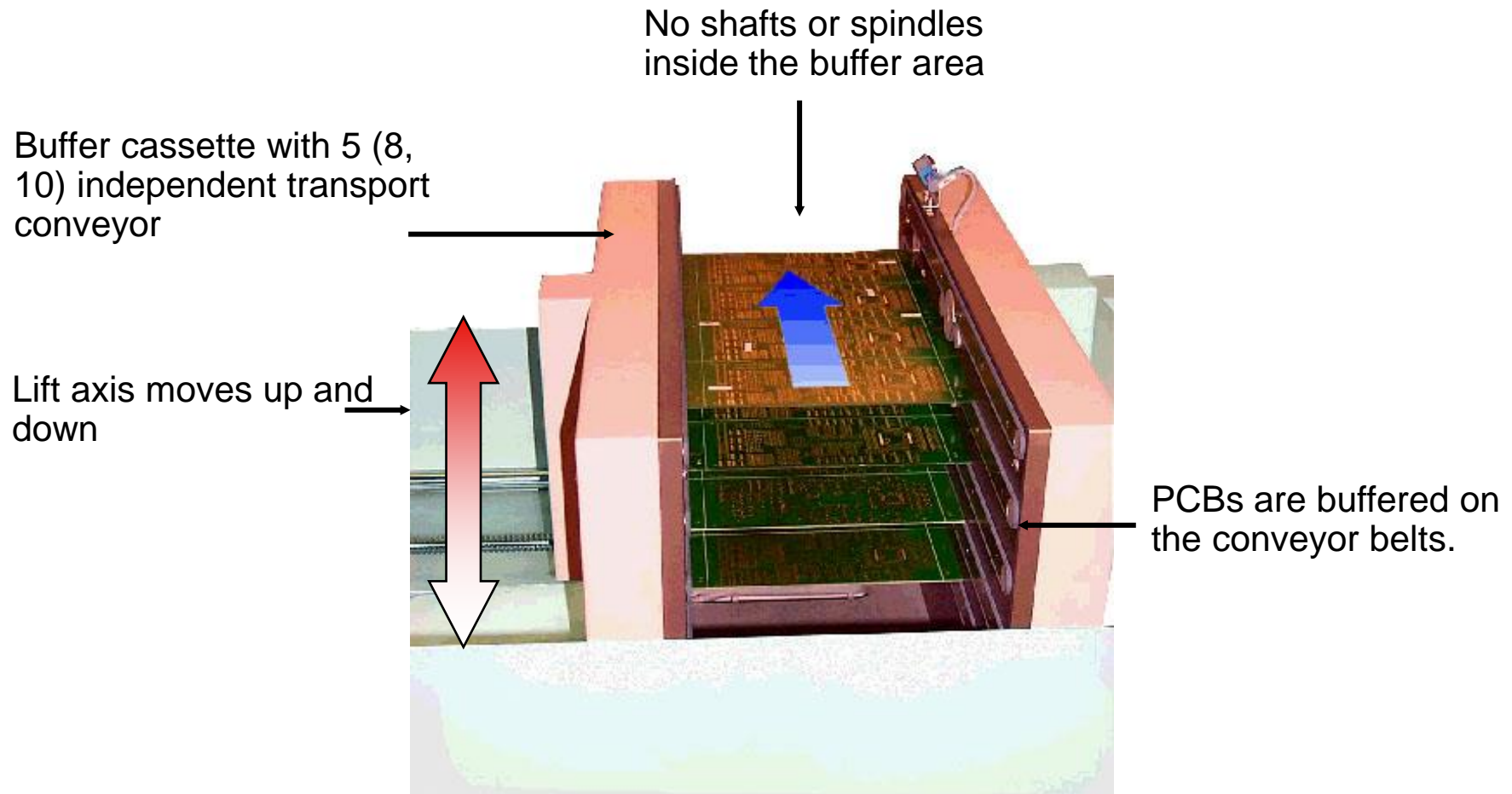
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Technical Specification

	PS 05	PS08	PS 10
Length	540 mm	540 mm	540 mm
Width	1160 mm	1160 mm	1160 mm
Height	850 mm	850 mm	850 mm
PCB width	50 - 460 mm	50 - 460 mm	50 - 460 mm
PCB length	70 - 460 mm	70 - 460 mm	70 - 460 mm
Transport height	850 mm +/- 50 mm (950 mm +/- 50 mm option)	850 mm +/- 50 mm (950 mm +/- 50 mm option)	950 mm +/- 50 mm
Pitch	50 mm	50 mm	50 mm
Buffer capacity	5 Slots	8 Slots	10 Slots



Details: Buffer cassette



Details: Sensors / Drives



Separate sensor on each segment allows manually inserting or removing of PCB.

Each buffer belt has a separate DC motor on each side.



Operation

- › Operator panel type AOPT350 with graphical color display
- › Changing Parameters and setup new recipes during automatic mode
- › Password protected userlevel (configurable)
- › Product memory function



Width adjustment

- › Width adjustment by spindles electrically driven (Standard feature)
- › Automatic width adjustment by input absolute position at the operator panel (option)



Frame

- › Robust steel frame
- › Completely ESD powder coated



Mechanic

- › Mechanical structure made of solid aluminium
- › High quality and durable mechanic parts



Electric

- › Electrical cabinet with flap door with double-bit lock
- › Main switch usable as emergency stop



Electrical cabinet

Sensorik

- › High- quality photoelectric proximity switch for safe detection of PCB's on each single buffer slot
- › Additional sensors for “gap control”



Gap control



PCB detection

Option

› Hinged cover with safety switch (Interlock)

