

Fast Buffer

GENIUS BRB50 (BRB 75)

PCBs storage with buffer function, Pass-Through

- Capacity: up to 50 PCBs
- Or up to 75 PCBs as option
- FIFO/LIFO/Pass -Through logic
- Transport belt in each slot with full PCB edge support
- Static dissipative flat belt
- Tower light display for machine status
- Easy operation & maintenance
- SMEMA interface



ORDER CODE: 3 - BRB50/BRB75

PCBs DIMENSIONS

Length	80 - 522 mm
Width	50 - 390 mm
Thickness	0,6 - 2,6 mm
Pitch (slot distance)	25 mm
Pitch selectable	Yes
Transport edge clearance	3 mm
Comp. clearance top	50 mm
Comp. clearance bottom	50 mm

GENERAL FEATURES

Length	1170 mm
Height	1815 mm (2200 to the lamp)
Width	1100 mm
Weight	285 Kg (325 Kg BRB 75) approx.
Colour	RAL 7035
Panels	ESD complying steel and transparent sheets
Main structure	Preanodized aluminium profile

PCB HANDLING

Transport system	Antistatic flat belt
Transport height	870 -970 mm
Transport direction	Left to right (reverse flow as option)
Width adjustment	Automatic, encoder control
Buffer capacity	Max 50PCBs, 75 as option
Cycle time	< 10 sec
Conveyor speed	10 - 25 m/min adjustable

INSTALLATION REQUIREMENTS

Air pressure	0,6 Mpa
Drivers	DC
Function control	PLC Siemens S7x
Module interface	SMEMA (other types as option)
User interface	LCD control panel and push buttons
Voltage	230V, 50Hz, 1ph+N+G

RACK HANDLING

Buffer capacity	-
Magazine pitch distance	-
Magazine size	-
Magazine type	-

OPTIONS

Alarm	-
Clearance over/under PCB	Customized on demand
Different RAL colour	Yes
Conveying height	Customized on demand
Conveyor width setting	-
AC motors drives	Yes
Different flow direction	Yes
Module interface	Customized on demand