

Multi Magazine Loader

GENIUS CMR

Automatic loading of PCBs from multiple magazines on the assembly line

- Large capacity up to 12 magazines
- Electrical pusher to slide PCBs automatically out of the magazine
- Rack locking by upper and lower pneumatic clamps
- Programmable pitch settings
- User friendly LCD display for functions & alarms
- Tower light display for machine status
- SMEMA interface



ORDER CODE: 3 - CMR

PCBs DIMENSIONS

Length	80 - 522 mm
Width	50 - 390 mm
Thickness	0,6 - 2,6 mm
Pitch (slot distance)	10 mm
Pitch selectable	Yes
Transport edge clearance	3 mm
Comp. clearance top	50 mm
Comp. clearance bottom	50 mm

GENERAL FEATURES

Length	1830 - 6600mm mm
Height	1815 mm (2200 to the lamp)
Width	1000 mm
Weight	300 - 500 Kg 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	950 +/- 25 mm
Transport direction	Left to right (reverse flow as option)
Width adjustment	Manual
Buffer capacity	Max 51 PCBs (pitch 10 mm)
Cycle time	< 10 sec
Conveyor speed	-

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	400V, 50Hz, 3ph+N+G

RACK HANDLING

Buffer capacity	up to 12 magazines
Magazine pitch distance	10 - 150 mm
Magazine size	Max 535x460x580 (LxWxH)
Magazine type	On customer demand

OPTIONS

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