

Single Magazine Loader

GENIUS CSR

Automatic loading of PCBs from a single magazine on the assembly line

- Electrical pusher to slide PCBs automatically out of the magazine
- Magazine locking by upper and lower manual clamps
- Programmable pitch settings
- User friendly LCD display for functions & alarms
- Tower light display for machine status
- SMEMA interface



ORDER CODE: 3 - CSR

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	1316 mm
Height	1815 mm (2200 to the lamp)
Width	1000 mm
Weight	200 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 PCB (pitch 10 mm)
Cycle time	< 10 sec

INSTALLATION REQUIREMENTS

Air pressure	-
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	1 magazine
Magazine pitch distance	10 - 150 mm
Magazine size	Max 535x460x580 (LxWxH)
Magazine type	On customer demand

OPTIONS

Alarm	Buzzer for empty stock
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 distance	Yes
2 PCBs per slot	Yes