

# Single Magazine Loader/Unloader

## GENIUS CSSR

Automatic PCBs loading and unloading on the assembly line, or to a specific machine

- Electrical pusher for automatic PCBs insertion into magazine and in line
- Magazine locking by upper and lower manual clamps
- Programmable pitch settings
- Adjustable conveyor speed
- User friendly LCD display for functions & alarms
- Static - dissipative belt
- Tower light display for machine status
- SMEMA interface



ORDER CODE: 3 - CSSR

### PCBs DIMENSIONS

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

### GENERAL FEATURES

<b>Length</b>	1960 mm
<b>Height</b>	1815 mm (2200 to the lamp)
<b>Width</b>	1000 mm
<b>Weight</b>	250 Kg approx.
<b>Colour</b>	RAL 7035
<b>Panels</b>	ESD complying steel and transparent sheets
<b>Main structure</b>	Preanodized aluminium profile

### PCB HANDLING

<b>Transport system</b>	Antistatic flat belt
<b>Transport height</b>	950 +/- 25 mm
<b>Transport direction</b>	Left to right (reverse flow as option)
<b>Width adjustment</b>	Manual
<b>Buffer capacity</b>	Max 51 PCBs (pitch 10 mm)
<b>Cycle time</b>	< 10 sec
<b>Conveyor speed</b>	2,1 - 16,7 m/min adjustable

### INSTALLATION REQUIREMENTS

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

### RACK HANDLING

<b>Buffer capacity</b>	1 magazine
<b>Magazine pitch distance</b>	10 - 150 mm
<b>Magazine size</b>	Max 535x460x580 mm (KxWxH)
<b>Magazine type</b>	On customer demand

### OPTIONS

<b>Alarm</b>	Buzzer for full stock
<b>Clearance over/under PCB</b>	Customized on demand
<b>Different RAL colour</b>	Yes
<b>Conveying height</b>	Customized on demand
<b>Conveyor width setting</b>	Automatic
<b>AC motors drives</b>	Yes
<b>Different flow direction</b>	Yes
<b>Module interface</b>	Customized on demand
<b>Different slot distance</b>	Yes
<b>2 PCBs per slot</b>	Yes