



Smart Line

THE ESSENTIAL TOOLS FOR EVERY SMD LINE

- Quick width adjustment and easy magazine loading/unloading
- Easy HMI: simple, intuitive, ergonomic, resistant
- Easy to set up: SMEMA standard, plug & play
- Low maintenance: Hi-Q materials and standard components
- Friendly documentation and multilingual support



Loader Single Rack

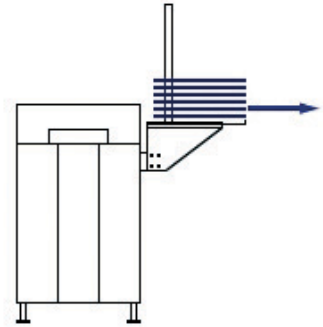
Automatic loader of PCBs on assembly line from single rack

- Electric expeller for automatic PCBs insertion in line

DETAILED FEATURES

PCB length	100 ÷ 450 mm
PCB width	85 ÷ 330 mm
Height (with rack)	1065 (1550) mm
Length with rack	1090 mm
Air pressure	-

Order code: **2-CSR**



Unloader Single Rack

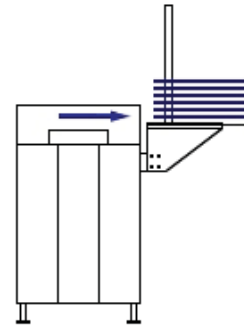
Automatic unloader of PCBs from assembly line in single rack

- Electric pusher to align PCBs into rack

DETAILED FEATURES

PCB length	100 ÷ 450 mm
PCB width	85 ÷ 330 mm
Height	1065 mm
Length	600 mm
Air pressure	-

Order code: **2-SSR**



PCB Stacker/Destacker

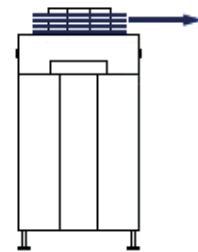
Automatic bare boards loader

- Adjustable PCBs destacking or stacking system
- Maximum stack height: 200 mm (max 15 kg load)
- Sensorized PCB presence
- Pass-Through mode

DETAILED FEATURES

PCB length	100 ÷ 450 mm
PCB width	80 ÷ 330 mm
Max height PCB stack	200 mm
Max weight PCB stack	15 kg
Height	1160 mm
Length	600 mm
Air pressure	0,6 MPa

Order code: **2-STK / 2-DSK**



Inspection Conveyor

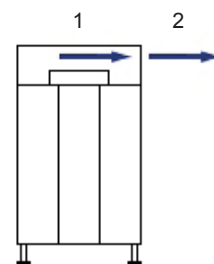
PCB transport

- Easy width adjustment
- Visual inspection on/off
- Adjusting speed for oven infeed/outfeed (option)

DETAILED FEATURES

PCB length	100 ÷ 450 mm
PCB width	85 ÷ 330 mm
Height (with rack)	1065 (1550) mm
Length with rack	1090 mm
Air pressure	-

Order code: **2-CIV1**



Buffer LIFO

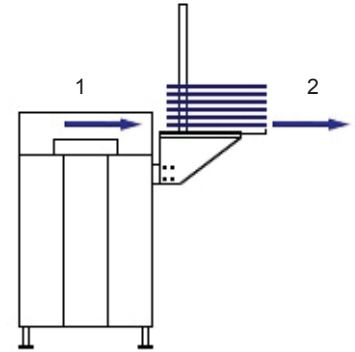
Automatic storage in single rack of PCBs with LIFO logic, and related async release.

- Electrical pusher for automatic PCBs insertion into rack
- Electrical expeller for automatic PCBs insertion in line

DETAILED FEATURES

PCB length	100 ÷ 450 mm
PCB width	88 ÷ 330 mm
Height (with rack)	1065 (1550) mm
Length with rack	1090 mm
Air pressure	0,6 MPa

Order code: **2-LIFO**



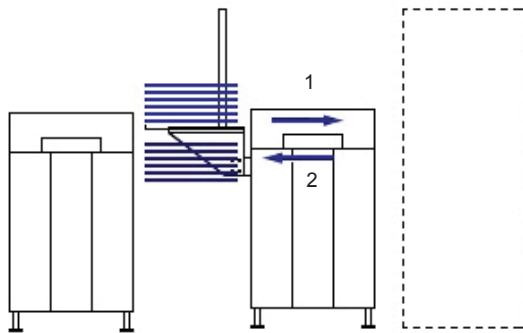
Test Server

- Automatic feed for test machines
- Loading/unloading PCBs in line
- Good/bad sorting
- Extended double SMEMA control

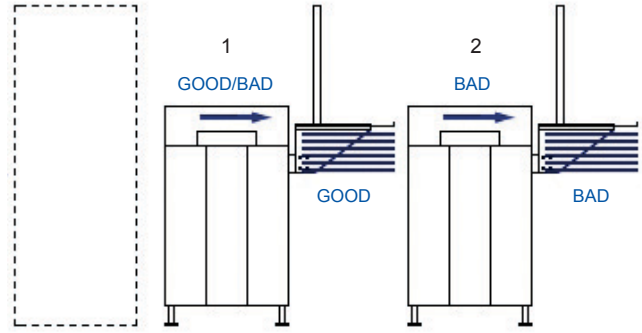
DETAILED FEATURES

PCB length
PCB width
Height (with rack)
Length with rack
Air pressure

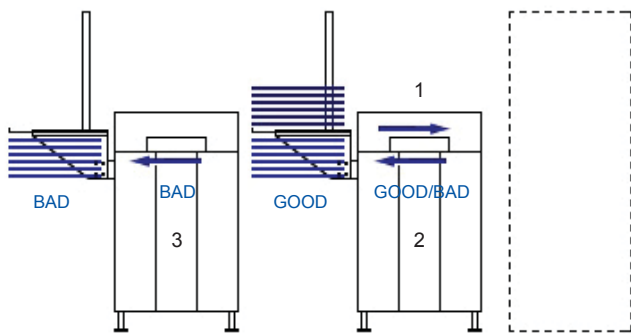
	AOI	AOIL	AOIS	AOISPT
PCB length	100 ÷ 450 mm	100 ÷ 450 mm	100 ÷ 450 mm	100 ÷ 450 mm
PCB width	85 ÷ 330 mm	88 ÷ 330 mm	88 ÷ 330 mm	85 ÷ 330 mm
Height (with rack)	1065 (1550) mm	1065 (1550) mm	1065 (1550) mm	1065 (1550) mm
Length with rack	1690 mm	2180 mm	2180 mm	1690 mm
Air pressure	-	0,6 MPa	0,6 MPa	-



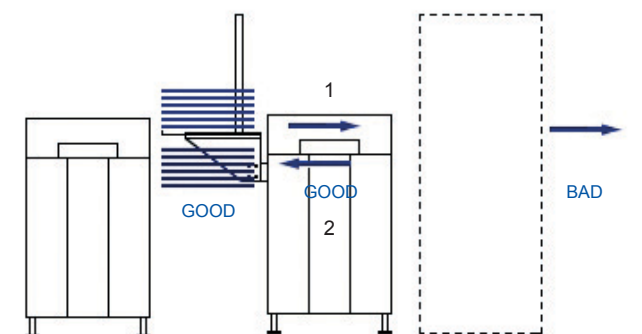
Order code: **2-AOI**



Order code: **2-AOIL**



Order code: **2-AOIS**



Order code: **2-AOISPT**

Distributed by:

Smart Line



PCB DIMENSIONS

Thickness	0,8 to 2,6 mm
Above board max height	40 mm
Below board max height	20 mm
Transport edge width	SMEMA 3 mm

RACK HANDLING

Buffer capacity	1 rack
Maximum load	30 kg
PCB step height	10, 20, 30, 40 mm
Max rack dimensions	460x400x563 mm
CAB rack models	701 to 704
Max nr. PCB per rack	50

PCB HANDLING

PCB transport system	Antistatic flat belt or pusher
Width adjustment	Manual
Length of conveyor sections	600 mm
Transport height	SMEMA 950 ± 25 mm
PCB flow direction	SMEMA left to right (reverse flow optional)
Cycle time	< 9"

ELECTRICAL

Control type	PLC
Interface type	SMEMA (other types optional)
Human-Machine Interface	Control panel with push-buttons, switches and light indicator
Voltage	230 V single phase, 50 Hz
Max power	165 W

DIMENSIONS

Depth	660 mm
Max mass	50/98 kg
Structure	Self-standing steel bodywork
Transparent material	Polycarbonate