

## Pilot V8 Series

### *Horizontal Magazine Type*

*Part number:*

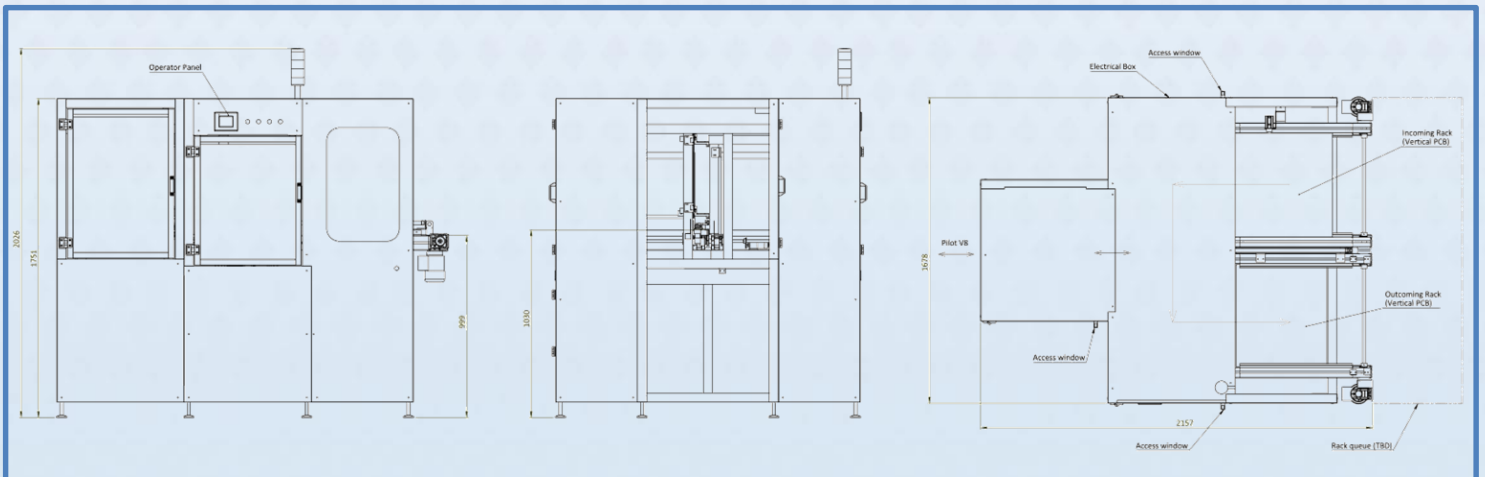
**SA-V8-HM-MMLU**

### Single Magazine Loader Unloader

The Multi Magazine Loader Unloader modules are used for the automatic loading and unloading of PCBs into SEICA PILOT V8.

SA-V8-HM-MMLU is ergonomically compact, completely closed aluminum based frame ensures a solid structure.

Transport direction from left to right or right to left seen from operator side (Custom).





#### Seica Automation SA-V8-HM-MMLU Features:

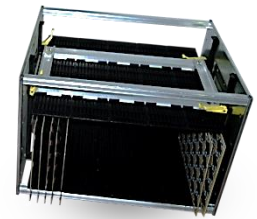
- A vertical infeed conveyor insert IN/OUT PCB into Pilot V8.
- PCB Dimension is the Min-Max related to selected Rack/Magazine.
- Up to 50 PCN's Slots per Rack
- Configuration up to (8-1-8) 8 Rack Waiting, 1 rack under process, 8 rack tested
- All standard Rack on market can be used.
- Worktable for easy operation

Seica Automation develop two different types of solution:

- **Horizontal Magazine Handling**  
**SA-V8-HM-xxxx**
- **Vertical Magazine Handling**  
**SA-V8-VM-xxxx**



SA-VM-XXXX  
Vertical Magazine



SA-HM-XXXX  
Horizontal Magazine

Horizontal and Vertical solutions can be used for pass through or same side loading/unloading.

Same side can be Left or Right from operator side. Both solutions are retrofittable, but will NOT be possible to change from HM to VM or VM to HM.

SA-V8-HM-SMLU can be interfaced with MULTIRACK MANAGER, this option allows the automatic loading of PCB's and program information from a Label on the rack, the MRM will be directly interface with VIVA software and is operator assistance free.

PCB processable size may also depend on Rack type.

## UNIVERSAL FRAME

- The PCB may have different geometries such to make it difficult to introduce them in the system fixture
- To overcome this problem, Seica provides a universal frame
- This frame can be used on all of the Rapid Line Systems.



## WHY USE AN AUTOMATIC SOLUTION



## OPTION: SA-FC-O-MRMK

The Multi Rack Manager Kit include:

- Automatic Width Adjust
- Barcode Reader on Elevator
- Multi Rack Software Interface

Note: Type of rack must be approved by Seica Automation R&D.

## Pilot V8 Series General Features

### TRANSPORT:

**Height:** 950 mm +/- 25 mm  
**Component Clearance:** Top 50mm Bottom 30mm

**PCB edge space:** Minimum 3 mm  
**Operating side:** Front of the machine  
**Fixed Rail:** Front of the machine  
**Interface:** SMEMA standard extended SMEMA  
Optional Fuji, Panasonic, Sanyo, Siemens, SMPI, Special  
**SMEMA cable length:** 3 mt

**Length:** Min. 80 mm - Max. 510 mm  
**Width:** Min. 85 mm - Max. 390 mm  
**Optional width:** Up to 460 mm on request  
**Thickness:** From 0.8 mm to 4.0 mm  
**PCB Max. weight:** 2.0 kg

### VARIOUS:

- CE safety compliant
- PLC microprocessor driven system
- Mechanical keyboard or LCD display with keyboard operation
- Automatic control of limit reached
- Single piece aluminium rails, proprietary design

*All modules have ESD safe design and CE mark, each module has independent control system. Technical specification may change without any advice, please contact our representative office.*

**POWER SUPPLY:** 400V 50Hz, 3PH+N+T  
**CURRENT:** 6 Ampere  
**AIR SUPPLY:** 0,6 Mpa  
**WEIGHT:** 200 Kg  
**DIMENSION LxWxH:** 2063x1552x1741 mm  
**COLOR:** RAL 9002  
**FRAME:** Aluminium profiles