

# FA Systems

## Component Inserters

### Radial Lead

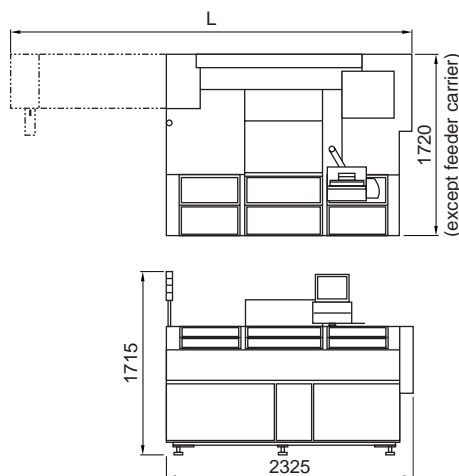
## VC-21S

### FEATURES

- This new machine, AVISERT VC-21S will meet all your demands in manufacturing process.
- Extend insertable component types and PWB sizes.  
Component: Max.  $\phi 18 \times H26$ mm  
Lead pitch F spacing: 2.5/5.0, 5.0/7.5 and 2.5/5.0/7.5mm  
Insertion orientation: In  $1^\circ$  increments
- Improved productivity  
Insertion tact: 15000CPH(0.24s/component)  
PWB transfer tact: Approx. 2.5s  
Insertion rate: 99.96% min.  
Quick change feeder carrier
- High reliability and insertion density  
Auto recovery function  
8-direction reverse insert function
- The VC-21S small footprint reduces space required for assembly lines.



### SHAPES AND DIMENSIONS



Supply feeder  
40-station: L=2325  
80-station: L=3790  
120-station: L=5315

Dimensions in mm

### STANDARD FEATURES

- Quick change feeder carrier
- Auto recovery
- Reforming
- Pallet detection
- Self-diagnosis(life span warning)
- Multi-panel function
- Multi-origin

### SPECIFICATIONS

Applicable components	Radial lead components of tape (F=2.5, 5.0 and 7.5mm) Max. $\phi 18 \times H26$ mm
Feeder capacity	40, 80 and 120 stations
Insertion speed	0.24s/component(X-Y movement less than 30mm) 0.35s, 0.45s/component(Programmable speed)
PWB size	Max. W400xD300mm Min. W90xD60mm (Option:Max. W508xD381mm)
Orientation	$0^\circ$ , $\pm 45^\circ$ , $\pm 90^\circ$ , $\pm 135^\circ$ , $180^\circ$ (Option:Available in $1^\circ$ increments)
Insertion rate	99.96%
PWB transfer speed	Approx.2.5s
PWB transfer height	900mm
Program steps	Max.2000 steps/program
External communication	Ethernet(10BASE-T or 100BASE-TX)
Display language	Japanese/English
Power supply	AC.200V $\pm 10\%$ , 3-phase, 50/60Hz, 3kVA (80 stations)
Air pressure	0.5Mpa, 145NI/min
Machine weight	Approx. 3000kg(40 stations)

### OPTION FEATURES

- Optical correction device(Board error correction)
- Parts polarity reverse unit
- Parts supply warning
- Parts link
- Bad board mark detection
- DNC interface
- Other transfer specifications(SMEMA)
- Safety specifications(CE and others)
- Insertion in  $1^\circ$  increments
- UPS, others