

# Model F1900 Vacuum Unloader



A FlexLink standard solution

5169EN-3

## High capacity unloader



*The model F1900 Vacuum Unloader is used when unpopulated PC boards are required to be introduced in a production line. The module can hold up to a 500 mm (20") stack of unpopulated PC boards at a weight of 40 kg (88 lbs.) The unit is able to pick-up*

*one board at a time using a four cup spring loaded vacuum cradle assembly. The unit has an onboard vacuum generator and a powered lift assembly. The unit is able to achieve cycle times of less than 8 seconds per board.*

# Model F1900 Vacuum Bare Board Loader

## Standard features

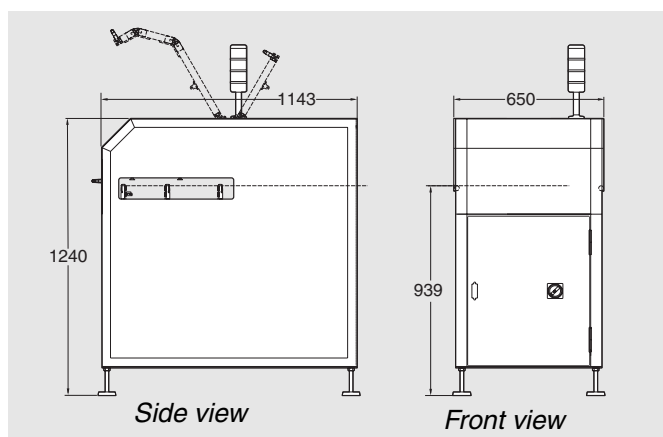
- SMEMA compatible
- ESD safe design
- PLC controlled
- Precision hand crank width adjust system
- “Open transfer” belt drive system
- Pass through mode
- Four cup spring loaded vacuum cradle assembly “individual controlled cups”
- Powered lift assembly
- Onboard vacuum generator
- Hinged access doors

## Options

- Unit can be configured as a loader, “loads board from production line to stack”
- Dual drive buffer sections
- Output platform
- CE compliance
- Programmable width
- ESD protective safety covers

## Technical characteristics

- Machine dimensions (L×W×H):  
650 mm × 1143 mm × 1240 mm (26"× 45"× 49")
- Machine weight: Approx. 115 kg (253 lbs.)
- Average cycle time: 8 s
- Can support board thickness from 0,1 to 6 mm (.04"–.235")

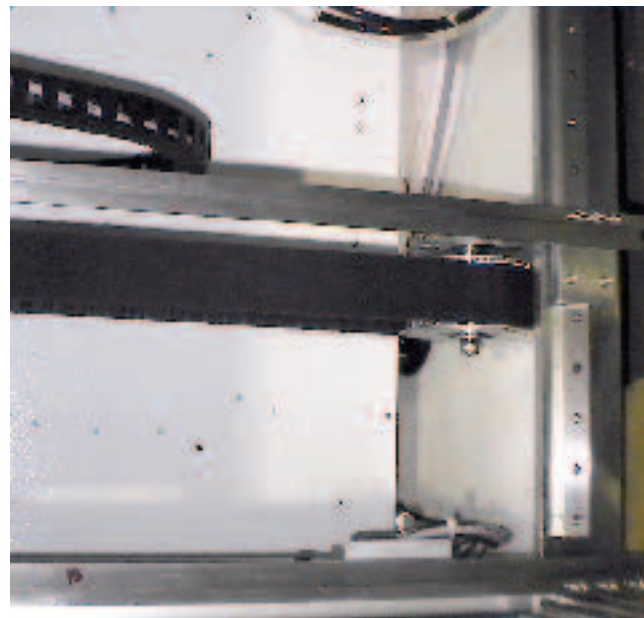


## Installation requirements

- Power 100–240 V AC 50/60 Hz, 5 A
- Pneumatics: 550 kPa at 36 l/min (80 psi at 2 cfm)



*Springloaded vacuum cradle assembly*



*Motorized stack assembly with belt drive system*

For more information, please contact your local FlexLink sales unit. Specifications are subject to change without notice.