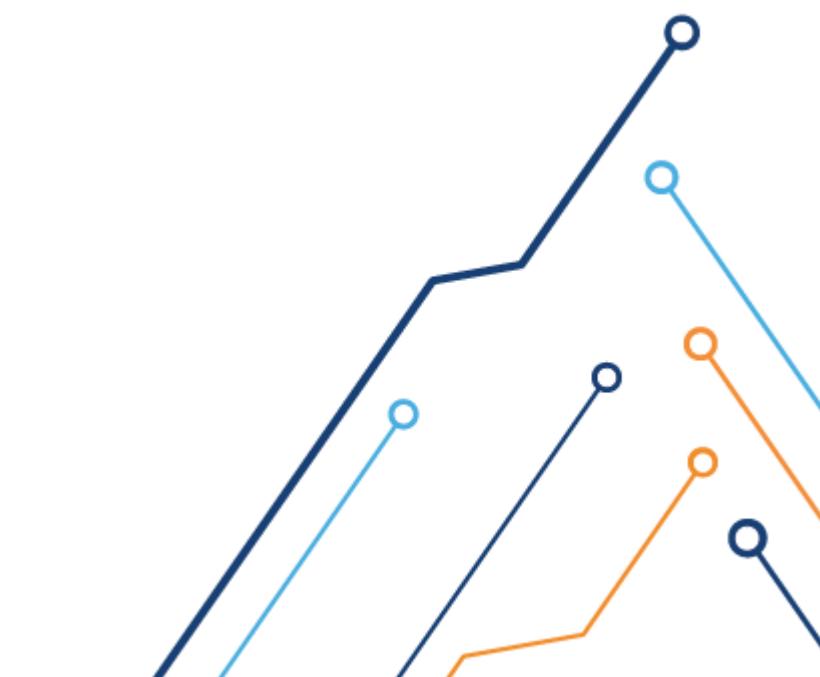




EMS Plant List 2026





SURFACE MOUNT LINE 1



Maximum PCB Length	Part Number Capacity	Components Per Hour
500mm	160	38,000

Item	Stencil Printer
Manufacturer	ASM (formally DEK)
Description	Horizon 03iX

**Specification**

- Stencil printer for 23" or 29" frames, with camera fiducial alignment.
- Fitted with HawkEye 1700 for up to 100% paste on pad inspection.

Item	SMT Pick & Place
Manufacturer	Panasonic
Description	CM101-D x 2

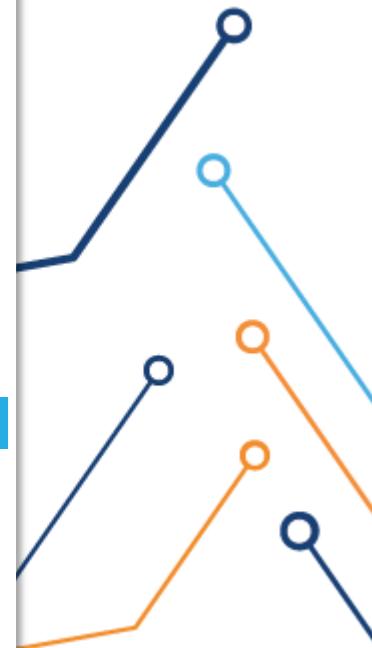
**Specification**

- Optically aligned flexible placement;
- Down to 01005"
- Including, BGA, uBGA, QFN, CSP
- Up to 100mm x 50mm x 15mm (L x W x T)

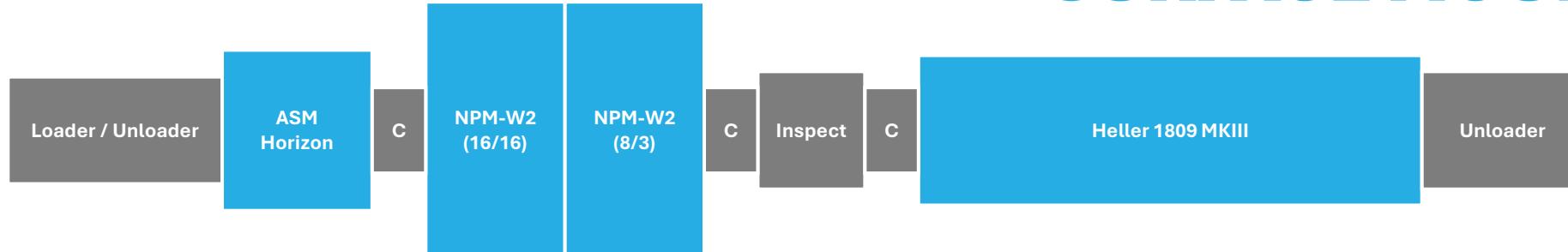
Item	Reflow Oven
Manufacturer	Heller
Description	1809 MkIII

**Specification**

- Integrated software with zone and profile control for optimal PCB reflow of almost any design
- 18 heated zones, 9 top and 9 bottom.
- Excellent energy efficiency and short heat up times.
- High throughput capability.



SURFACE MOUNT LINE 2



Maximum PCB Length	Part Number Capacity	Components Per Hour
500mm	213	110,000

Item	Stencil Printer
Manufacturer	ASM (formally DEK)
Description	Horizon 03iX



Specification
<ul style="list-style-type: none"> Stencil printer for 23" or 29" frames, with camera fiducial alignment. Fitted with HawkEye 1700 for up to 100% paste on pad inspection.

Item	SMT Pick & Place
Manufacturer	Panasonic
Description	NPM-W2 x 2



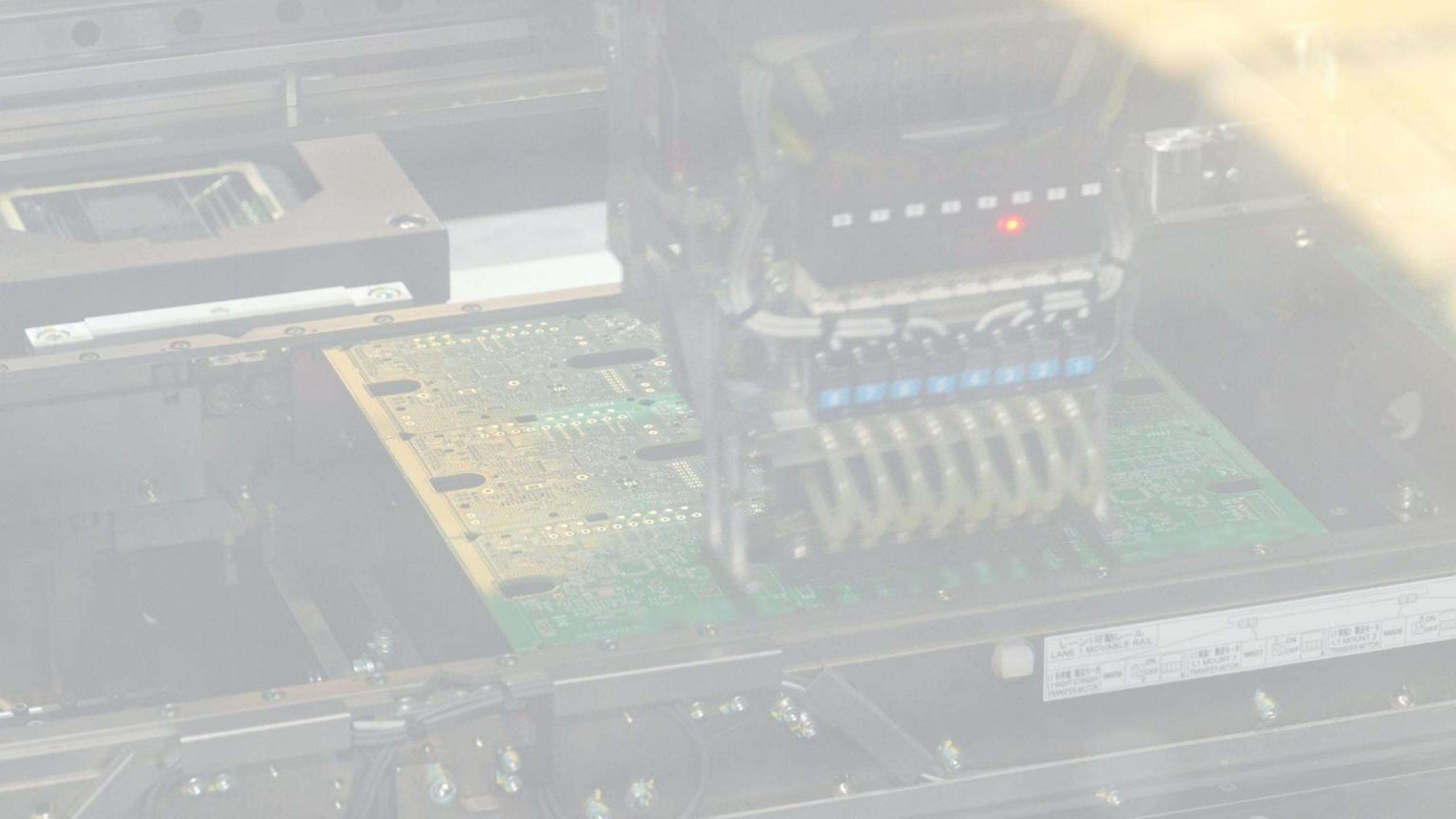
Specification
<ul style="list-style-type: none"> Optically aligned flexible placement; Down to 01005" Including, BGA, uBGA, QFN, CSP Up to 100mm x 50mm x 15mm (L x W x T)

Item	Reflow Oven
Manufacturer	Heller
Description	1809 MkIII



Specification
<ul style="list-style-type: none"> Integrated software with zone and profile control for optimal PCB reflow of almost any design 18 heated zones, 9 top and 9 bottom. Excellent energy efficiency and short heat up times. High throughput capability.





レーン1可動レール
L1 MOUNT 1 TRANSFER MOTOR
ON/OFF

L1 MOUNT 1 TRANSFER MOTOR
ON/OFF
L1 MOUNT 2 TRANSFER MOTOR
ON/OFF
L1 MOUNT 3 TRANSFER MOTOR
ON/OFF

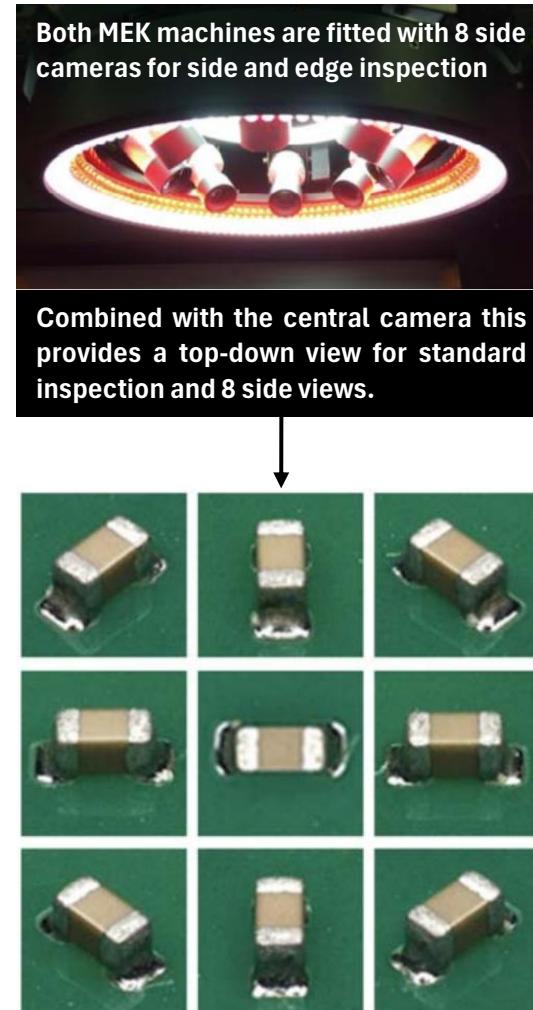
AUTOMATED OPTICAL INSPECTION (AOI)

Item	Automated Optical Inspection (AOI)
Manufacturer	MEK
Description	MEK PowerSpector FDAz 650L



Specification

- AOI with 18.75u HD Camera with telecentric optics and eight off 10u side cameras for side and edge inspection of components.
- Omnidirectional multi angle, multi-colour LED lighting with the capability to test a range of criteria on all types of solder joints.
- Single top side camera.
- Maximum PCB size = 650mm x 550mm



Item	Automated Optical Inspection (AOI)
Manufacturer	MEK
Description	MEK PowerSpector GTAz+GDAz 550BTL



Specification

- AOI with two 18.75u HD Camera with telecentric optics and eight off 10u side cameras for side and edge inspection of components.
- Omnidirectional multi angle, multi-colour LED lighting with the capability to test a range of criteria on all types of solder joints.
- 2 cameras – top & bottom side cameras inspect both sides of a double-sided PCB at the same time.
- Maximum PCB size = 550mm x 550mm



550 BTL with top & bottom cameras, for double sided inspection at the same time.

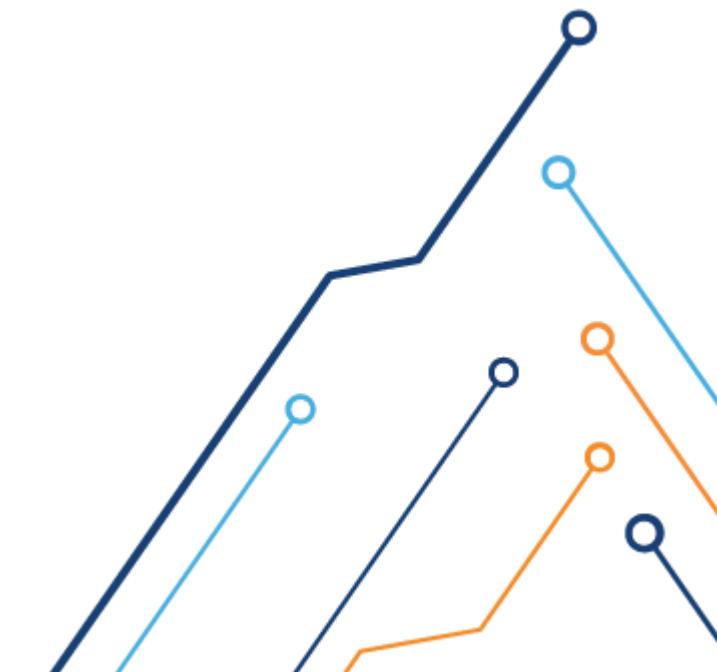


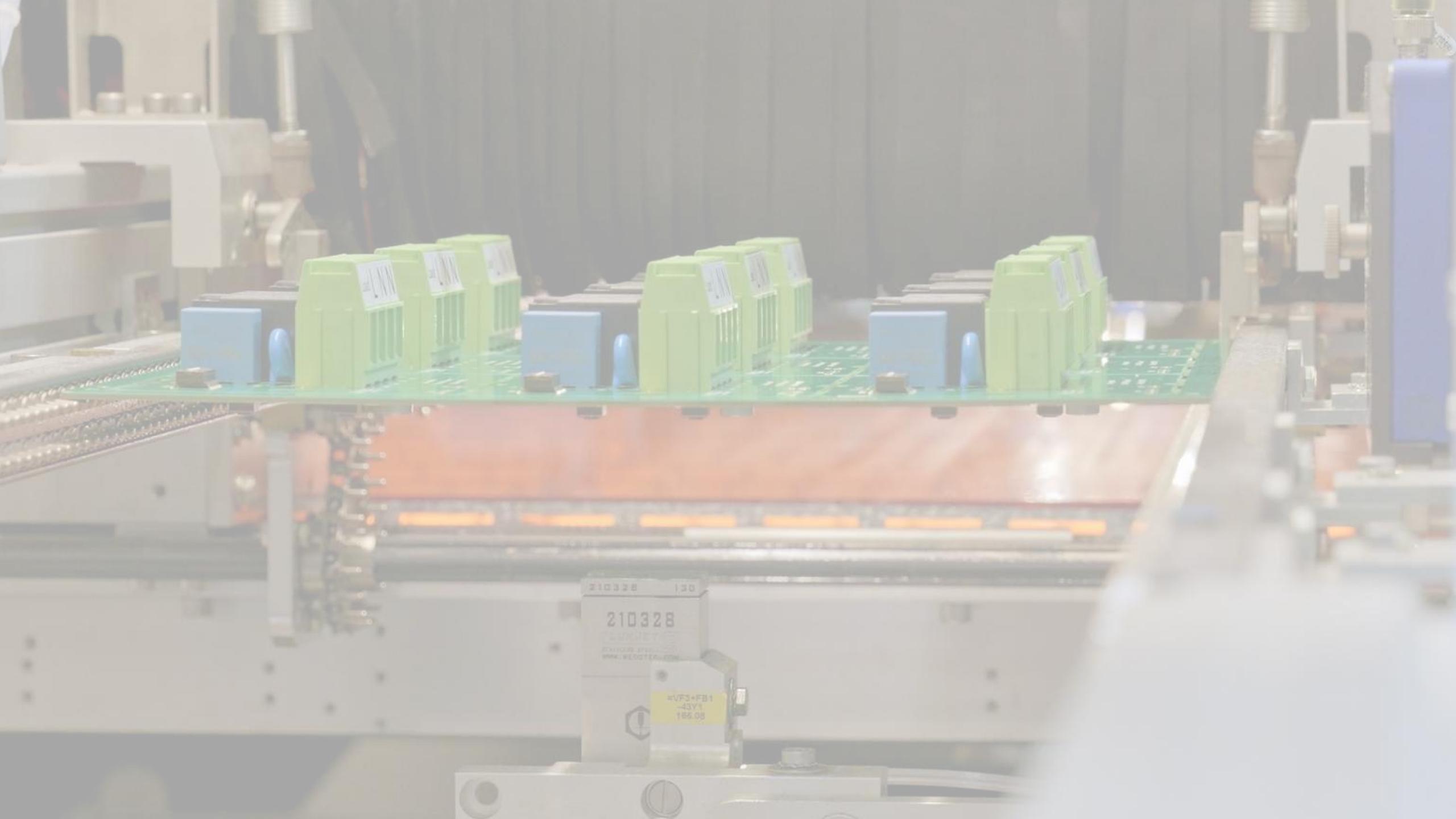
Item	Selective Soldering
Manufacturer	Ersa
Description	Versaflow 335 Global Edition



Specification

- Inline Selective Soldering for automated soldering of Through Hole Technology (THT) components.
- Dedicated Nitrogen generator ensures purity at point of soldering.
- Parallel processing of flux, pre-heat and soldering processes.
- Maximum PCB size 508mm x 406mm.





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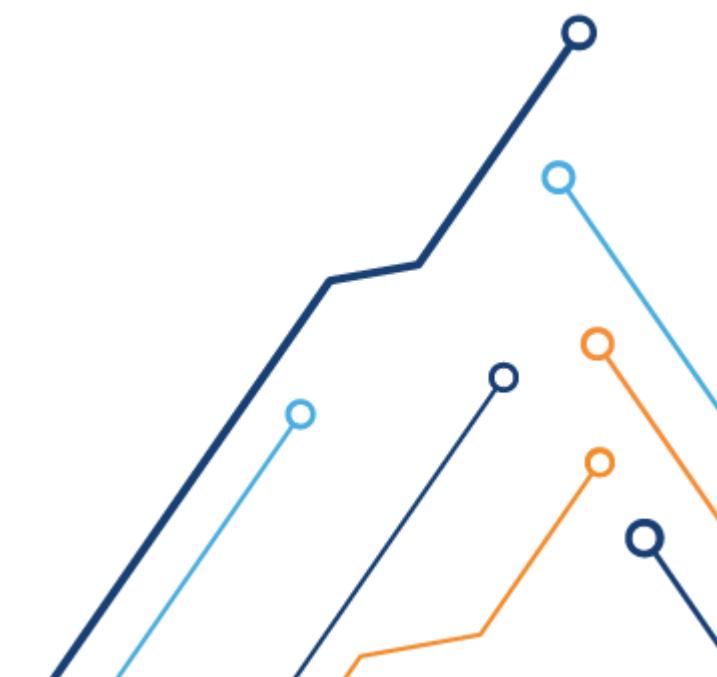
Item	PCB Cleaning Machine
Manufacturer	Trident
Description	Trident ZDO



Specification

The Trident ZDO is a batch load PCB cleaning machine, which offers;

- A closed-loop (Zero Discharge Wash Cycle) providing excellent environmental benefits.
- Automatic Wash, Rinse and Dry Cycles.
- Built-In Programmable Cleanliness Verification Testing via a resistivity meter.
- Adjustable board racks to hold PCBs up to 600mm in length.
- Spray in air cleaning system with oscillating basket.



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