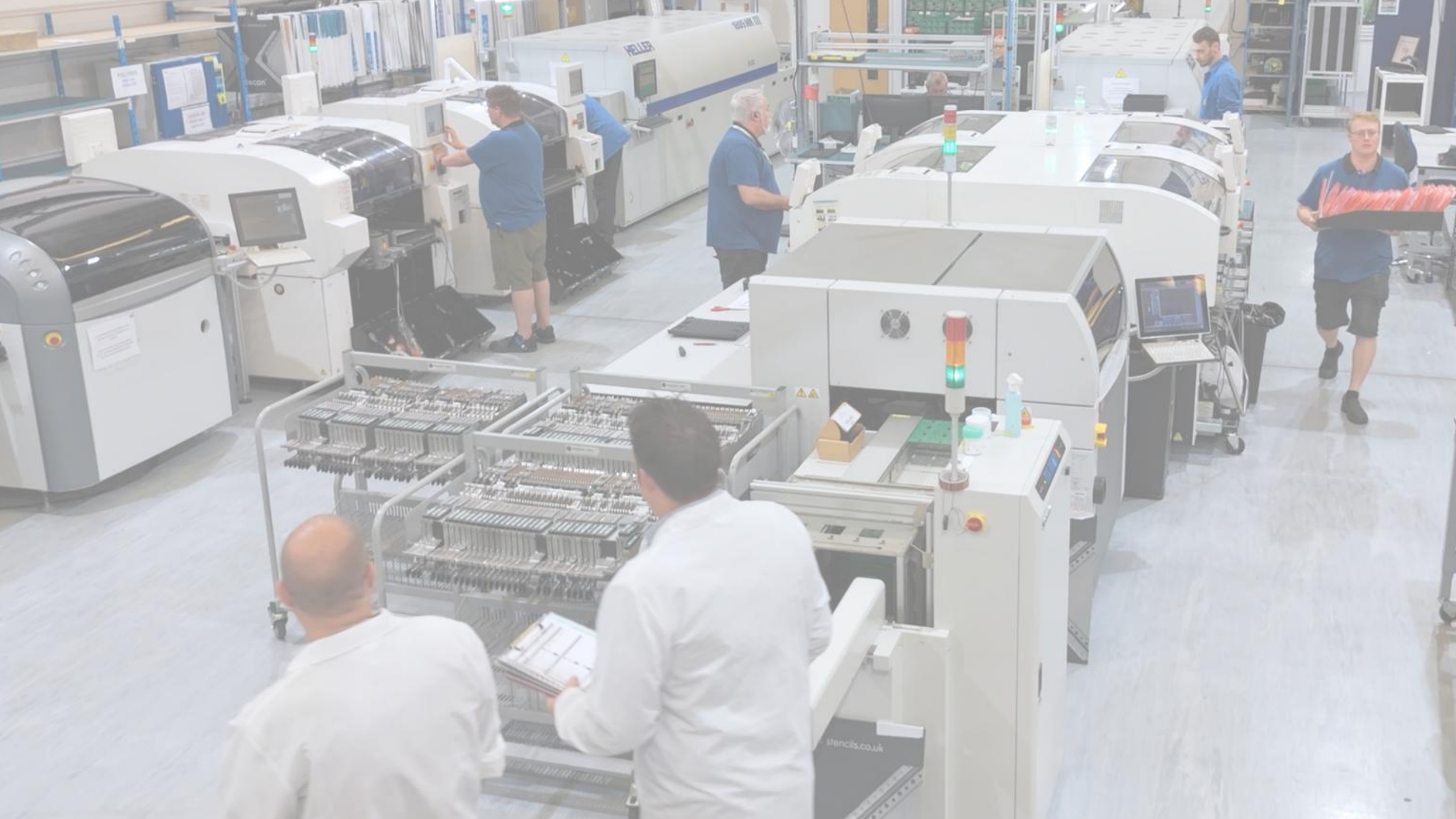




EMS Plant List 2026





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

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	CM101-D x 2

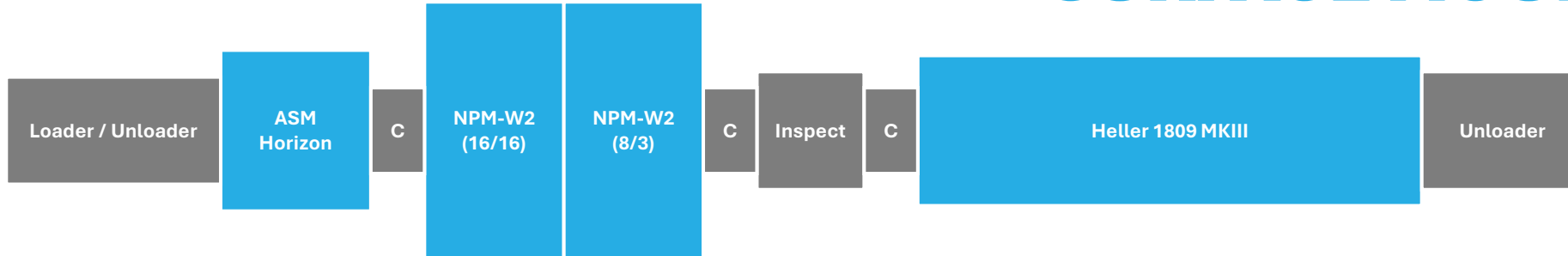


Specification
<p>Optically aligned flexible placement;</p> <ul style="list-style-type: none"> Down to 01005" Including, BGA, uBGA, QFN, CSP Up to 100mm x 50mm x 15mm (L x W x T)

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.



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

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 NPM-W2 x 2



Specification

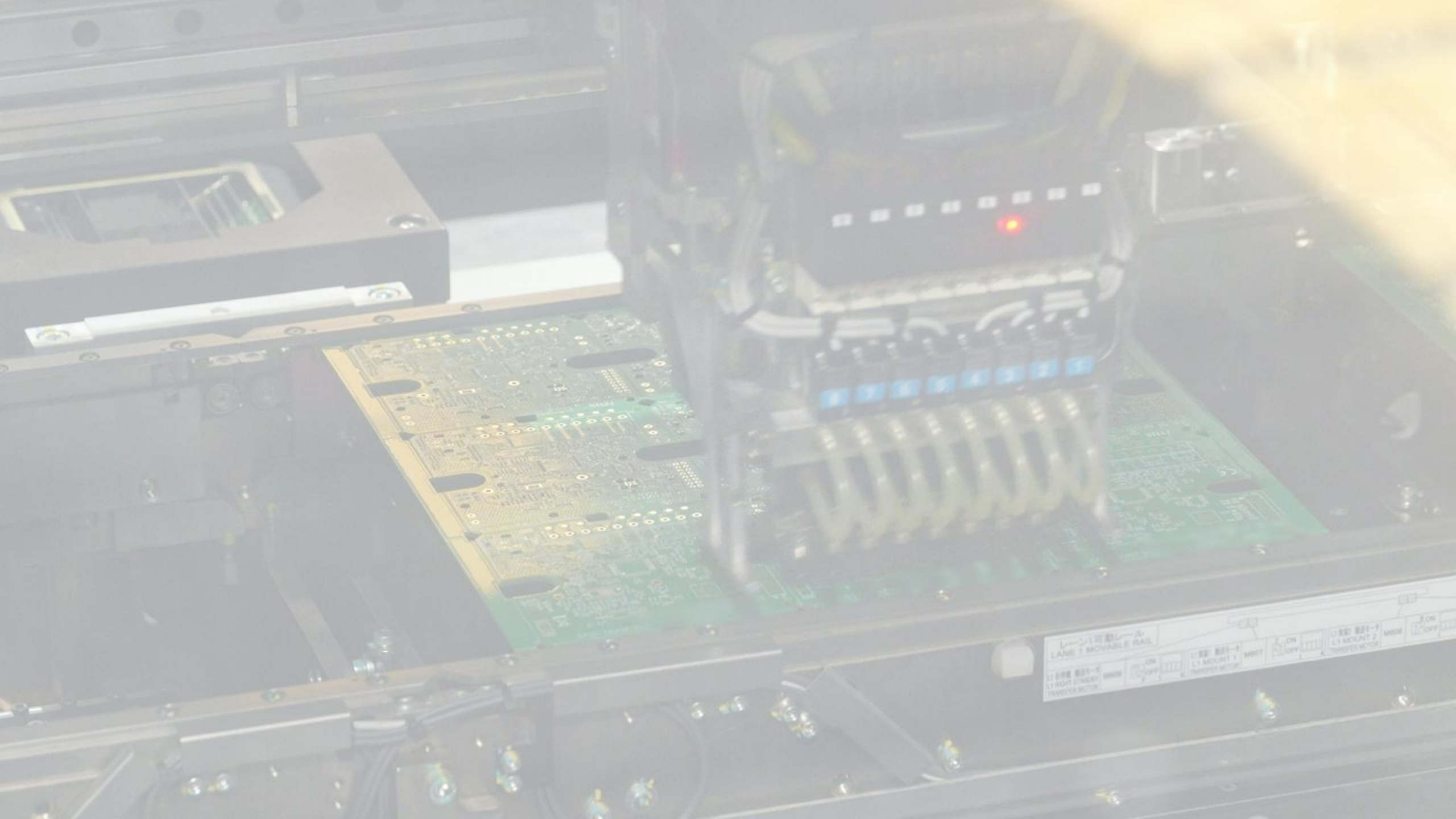
- Optically aligned flexible placement;
 - Down to 01005"
 - Including, BGA, uBGA, QFN, CSP
 - Up to 100mm x 50mm x 15mm (L x W x T)

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.



レーン1可動レール
LANE 1 MOVABLE RAIL

U1 駆動 電圧 1-5 U1 MOTOR 1 TRANSFER MOTOR	MODE	ON	OFF
U1 駆動 電圧 1-5 U1 MOTOR 1 TRANSFER MOTOR	MODE	ON	OFF
U1 駆動 電圧 1-5 U1 MOTOR 1 TRANSFER MOTOR	MODE	ON	OFF
U1 駆動 電圧 1-5 U1 MOTOR 1 TRANSFER MOTOR	MODE	ON	OFF

AUTOMATED OPTICAL INSPECTION (AOI)

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



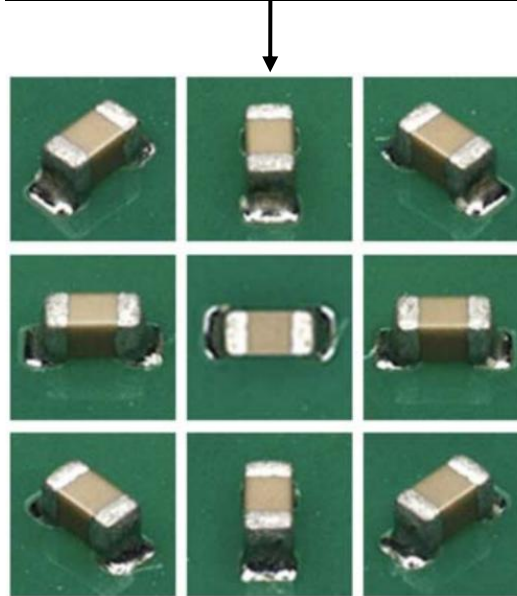
Specification

- 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

Both MEK machines are fitted with 8 side cameras for side and edge inspection



Combined with the central camera this provides a top-down view for standard inspection and 8 side views.



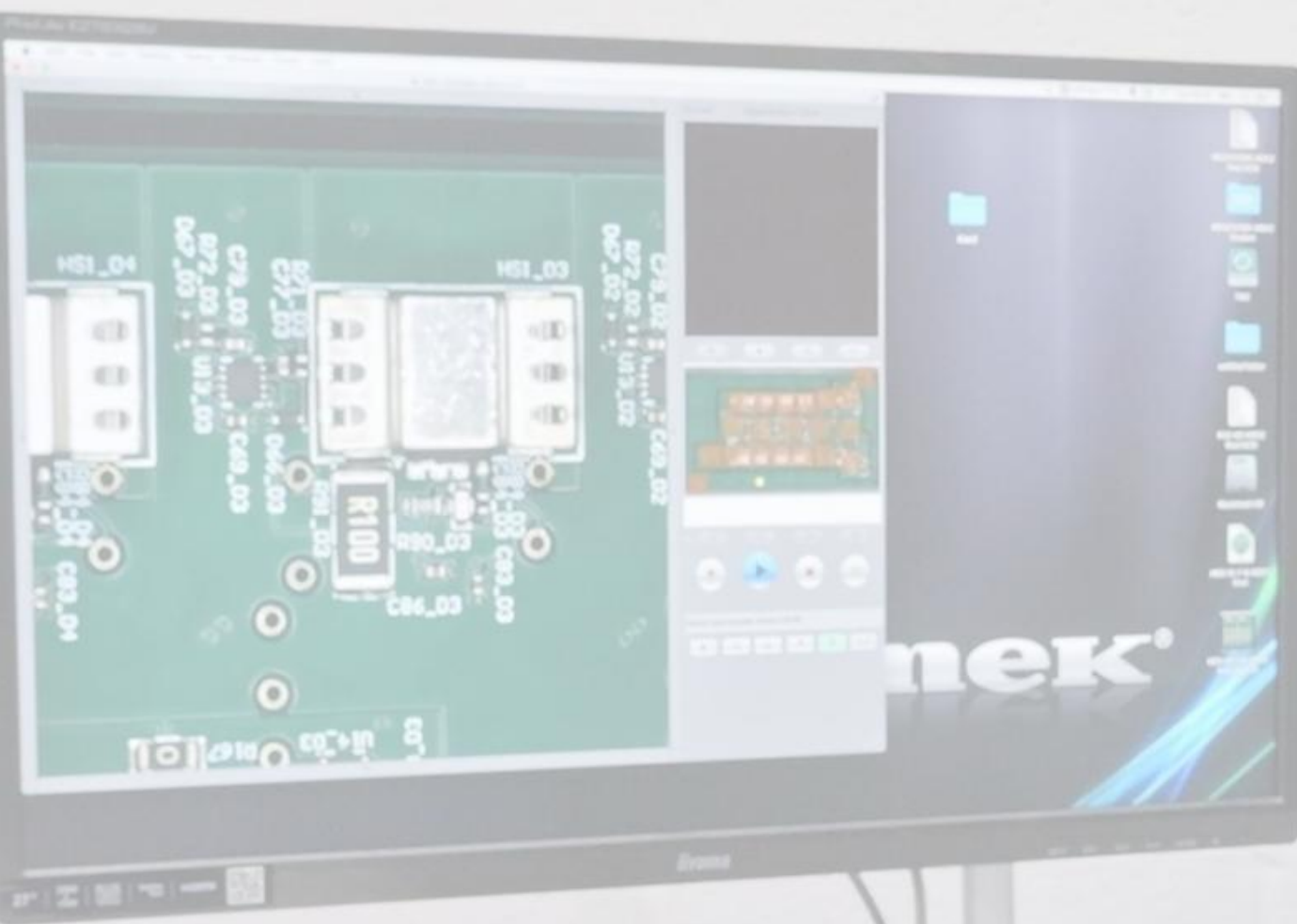
Item	Automated Optical Inspection (AOI)
Manufacturer	MEK
Description	MEK PowerSpector GTAz+GDAz 550BTL



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

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

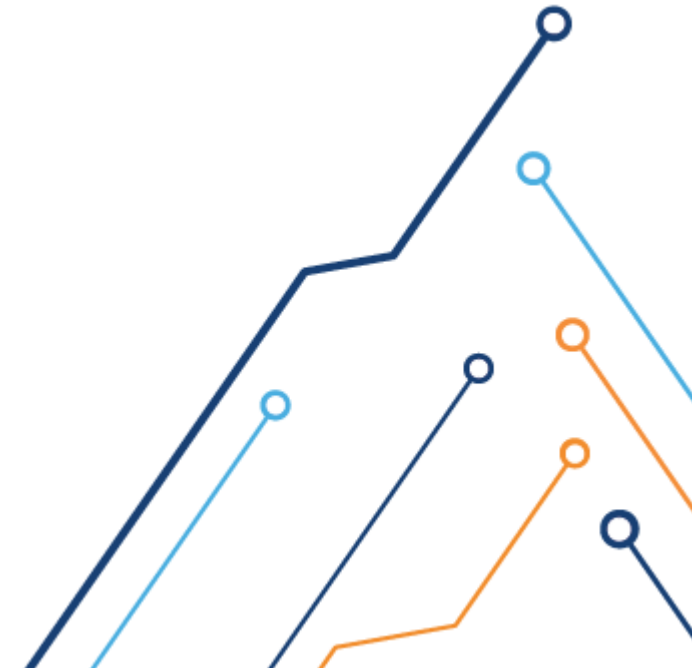


Item	Selective Soldering
Manufacturer	Ersa
Description	Versaflow 335 Global Edition



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.





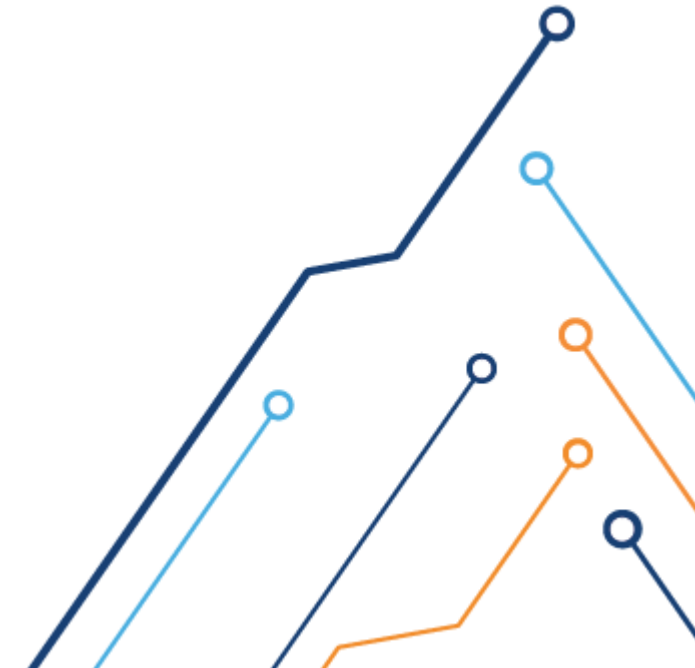
Item	PCB Cleaning Machine
Manufacturer	Trident
Description	Trident ZDO



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 hand PCBs up to 600mm in length.
- Spray in air cleaning system with oscillating basket.



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